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
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 11:49

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TC-141-B227 S1		9122014-01	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-142-B225 S1		9122014-02	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-143-B221 FS		9122014-03	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-144-B218 TDS		9122014-04	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-146-E130 S R		9122014-05	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-147-E132 S		9122014-06	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-148-E132 S L		9122014-07	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-149-E132 S R		9122014-08	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-150-Hall Bub L		9122014-09	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-151-Hall Bub R		9122014-10	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-152-Hall Bottle		9122014-11	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-153-Hall Bub		9122014-12	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-154-B340 S		9122014-13	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-155-B340 Bottle		9122014-14	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-156-B340 S		9122014-15	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-157-B336 S		9122014-16	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-158-B336 S		9122014-17	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-159-B336 S		9122014-18	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-160-B336 S		9122014-19	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-161-B336 S		9122014-20	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-162-B336 S		9122014-21	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-163-B336 S		9122014-22	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-164-B333 S		9122014-23	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-165-B333 S		9122014-24	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-166-B333 S		9122014-25	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 11:49

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TC-167-B333 S		9122014-26	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-168-B333 S		9122014-27	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-194-B333 S		9122014-28	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-195-B333 S		9122014-29	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-196-B331 S		9122014-30	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-197-B331 S		9122014-31	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-198-B331 S		9122014-32	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-199-B331 S		9122014-33	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-200-B331 S		9122014-34	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-169-B218 S1		9122014-35	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-170-B218 S2		9122014-36	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-171-B218 S3		9122014-37	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-172-B218 S4		9122014-38	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-173-B217 TDS		9122014-39	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-174-B217 S1		9122014-40	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-175-B217 S2		9122014-41	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-176-B217 S3		9122014-42	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-177-B217 S4		9122014-43	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-178-B217 S5		9122014-44	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-180-B213 S1		9122014-45	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-181-B213 S2		9122014-46	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-182-B213 S3		9122014-47	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-183-B213 S4		9122014-48	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-184-B213 S5		9122014-49	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-185-B213 S6		9122014-50	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-186-B213 LS		9122014-51	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 11:49

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TC-187-HallW L by B214		9122014-52	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-188-Hall W U by B214		9122014-53	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-179-B217 TDS		9122014-54	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-189-B235 S		9122014-55	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-190-HallW U by E201		9122014-56	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-191-Hall W L by E201		9122014-57	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-192-A322 S		9122014-58	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-201-B331 S		9122014-59	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-202-B331 S		9122014-60	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-203-B328 S		9122014-61	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-204-B323 S		9122014-62	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-205-B323 S		9122014-63	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-206-B323 S		9122014-64	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-207-B323 S		9122014-65	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-208-B323 S		9122014-66	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-209-B323 S		9122014-67	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-210-B323 S		9122014-68	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-211-B323 S		9122014-69	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-212-B331 S		9122014-70	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-213-B319 S		9122014-71	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-214-B319 S		9122014-72	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-215-B319 S		9122014-73	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-216-B319 S		9122014-74	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-217-B319 S		9122014-75	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-218-B319 S		9122014-76	Drinking Water	12/20/19 00:00	12/20/19 13:20



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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:49

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TC-193-B319 S		9122014-77	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-219-Hall Bub L		9122014-78	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-220-Hall Bub R		9122014-79	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-221-B318 S		9122014-80	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-222-B318 S		9122014-81	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-223-B318 S		9122014-82	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-224-B318 S		9122014-83	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-225-B318 S		9122014-84	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-226-B318 S		9122014-85	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-227-B318 S		9122014-86	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-228-C309 S		9122014-87	Drinking Water	12/20/19 00:00	12/20/19 13:20
TC-229-C309 S		9122014-88	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 11:49

TC-141-B227 S1

9122014-01 (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	**146**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:48	VVD
Lead	**4.77**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:48	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 11:49

TC-142-B225 S1

9122014-02 (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	**372**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:52	VVD
Lead	**2.59**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:52	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 11:49

TC-143-B221 FS

9122014-03 (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	**113**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:54	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:54	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 11:49

TC-144-B218 TDS

9122014-04 (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 200.2-Digested Metals									
Copper	**826**		ug/L	1.00	1.00	1	12/24/19	12/26/19 17:23	VVD
Lead	**1.66**		ug/L	1.00	1.00	1	12/24/19	12/26/19 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 11:49

TC-146-E130 S R

9122014-05 (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	**218**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:56	VVD
Lead	**4.12**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:56	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-147-E132 S

9122014-06 (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	**169**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:57	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:57	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 11:49

TC-148-E132 S L

9122014-07 (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	**102**		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:59	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 16:59	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-149-E132 S R

9122014-08 (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									
Copper	**163**		ug/L	1.00	1.00	1	12/23/19	12/24/19 17:01	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 17:01	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-150-Hall Bub L

9122014-09 (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	**28.0**		ug/L	1.00	1.00	1	12/23/19	12/24/19 17:02	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 17:02	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-151-Hall Bub R

9122014-10 (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	**33.8**		ug/L	1.00	1.00	1	12/23/19	12/24/19 17:04	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 17:04	VVD



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Project: ACPS-TC

Project Number: 47:1519-K
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Reported:
12/27/19 11:49

TC-152-Hall Bottle

9122014-11 (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	**22.4**		ug/L	1.00	1.00	1	12/23/19	12/24/19 17:06	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 17:06	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-153-Hall Bub

9122014-12 (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	**20.1**		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:33	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:33	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 11:49

TC-154-B340 S

9122014-13 (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	**255**		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:34	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:34	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 11:49

TC-155-B340 Bottle

9122014-14 (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	**1.77**		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:36	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:36	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 11:49

TC-156-B340 S

9122014-15 (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 200.8-No Digestion Metals									
Copper	**130**		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:37	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:37	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 11:49

TC-157-B336 S

9122014-16 (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	**31.1**		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:39	VVD
Lead	**1.97**		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:39	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 11:49

TC-158-B336 S

9122014-17 (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	**23.7**		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:41	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:41	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 11:49

TC-159-B336 S

9122014-18 (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	**34.9**		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:42	VVD
Lead	**2.42**		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:42	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 11:49

TC-160-B336 S

9122014-19 (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	**28.6**		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:47	VVD
Lead	**1.13**		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:47	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-161-B336 S

9122014-20 (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	**20.0**		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:49	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:49	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-162-B336 S

9122014-21 (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	**51.1**		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:51	VVD
Lead	**2.36**		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:51	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 11:49

TC-163-B336 S

9122014-22 (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	**211**		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:59	VVD
Lead	**2.26**		ug/L	1.00	1.00	1	12/23/19	12/23/19 21:59	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 11:49

TC-164-B333 S

9122014-23 (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	**91.6**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:00	VVD
Lead	**1.24**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:00	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 11:49

TC-165-B333 S

9122014-24 (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	**50.2**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:02	VVD
Lead	**2.73**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:02	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 11:49

TC-166-B333 S

9122014-25 (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	**42.4**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:07	VVD
Lead	**1.87**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:07	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 11:49

TC-167-B333 S

9122014-26 (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	**30.4**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:09	VVD
Lead	**1.75**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:09	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 11:49

TC-168-B333 S

9122014-27 (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	**26.6**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:10	VVD
Lead	**2.61**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:10	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 11:49

TC-194-B333 S

9122014-28 (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	**27.4**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:12	VVD
Lead	**2.40**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:12	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 11:49

TC-195-B333 S

9122014-29 (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	**21.8**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:14	VVD
Lead	**1.82**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:14	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 11:49

TC-196-B331 S

9122014-30 (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	**109**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:15	VVD
Lead	**6.92**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:15	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 11:49

TC-197-B331 S

9122014-31 (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	**30.4**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:17	VVD
Lead	**1.47**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:17	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 11:49

TC-198-B331 S

9122014-32 (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	**42.5**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:28	VVD
Lead	**2.41**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:28	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 11:49

TC-199-B331 S

9122014-33 (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	**31.0**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:30	VVD
Lead	**1.43**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:30	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 11:49

TC-200-B331 S

9122014-34 (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	**27.1**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:32	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:32	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 11:49

TC-169-B218 S1

9122014-35 (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									
Lead	**1.53**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:33	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 11:49

TC-169-B218 S1

9122014-35RE1 (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	**1590**		ug/L	10.0	10.0	10	12/23/19	12/24/19 13:14	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-170-B218 S2

9122014-36 (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									
Lead	**2.00**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:35	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-170-B218 S2

9122014-36RE1 (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	**1280**		ug/L	10.0	10.0	10	12/23/19	12/24/19 13:15	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-171-B218 S3

9122014-37 (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 200.2-Digested Metals									
Copper	**979**		ug/L	1.00	1.00	1	12/24/19	12/26/19 17:25	VVD
Lead	**1.72**		ug/L	1.00	1.00	1	12/24/19	12/26/19 17:25	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 11:49

TC-172-B218 S4

9122014-38 (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									
Lead	**3.27**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:36	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 11:49

TC-172-B218 S4

9122014-38RE1 (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	**1100**		ug/L	10.0	10.0	10	12/23/19	12/24/19 13:17	VVD

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Will Brewington, President

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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:
12/27/19 11:49

TC-173-B217 TDS

9122014-39 (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	**252**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:38	VVD
Lead	**2.46**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:38	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 11:49

TC-174-B217 S1

9122014-40 (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	**44.1**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:40	VVD
Lead	**1.44**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:40	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 11:49

TC-175-B217 S2

9122014-41 (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	**27.6**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:41	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:41	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 11:49

TC-176-B217 S3

9122014-42 (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	**34.0**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:46	VVD
Lead	**1.27**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:46	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 11:49

TC-177-B217 S4

9122014-43 (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	**27.8**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:54	VVD
Lead	**1.01**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:54	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 11:49

TC-178-B217 S5

9122014-44 (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	**30.6**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:56	VVD
Lead	**1.09**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:56	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 11:49

TC-180-B213 S1

9122014-45 (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	**37.1**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:58	VVD
Lead	**1.24**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:58	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 11:49

TC-181-B213 S2

9122014-46 (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	**23.0**		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:59	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/23/19 22:59	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 11:49

TC-182-B213 S3

9122014-47 (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	**35.8**		ug/L	1.00	1.00	1	12/23/19	12/23/19 23:01	VVD
Lead	**1.12**		ug/L	1.00	1.00	1	12/23/19	12/23/19 23:01	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 11:49

TC-183-B213 S4

9122014-48 (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	**26.3**		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:24	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:24	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 11:49

TC-184-B213 S5

9122014-49 (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	**30.3**		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:26	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:26	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-185-B213 S6

9122014-50 (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	**31.1**		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:27	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:27	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 11:49

TC-186-B213 LS

9122014-51 (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	**45.3**		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:29	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:29	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 11:49

TC-187-HallW L by B214

9122014-52 (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	**34.8**		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:30	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:30	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 11:49

TC-188-Hall W U by B214

9122014-53 (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	**36.6**		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:39	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:39	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 11:49

TC-179-B217 TDS

9122014-54 (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	**88.0**		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:44	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:44	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 11:49

TC-189-B235 S

9122014-55 (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	**39.9**		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:45	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:45	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-190-HallW U by E201

9122014-56 (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	**18.0**		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:47	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:47	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-191-Hall W L by E201

9122014-57 (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	**17.5**		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:49	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:49	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-192-A322 S

9122014-58 (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	**179**		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:50	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:50	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-201-B331 S

9122014-59 (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	**29.8**		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:52	VVD
Lead	**1.29**		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:52	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 11:49

TC-202-B331 S

9122014-60 (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	**33.2**		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:54	VVD
Lead	**1.21**		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:54	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-203-B328 S

9122014-61 (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	**90.5**		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:55	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:55	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-204-B323 S

9122014-62 (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	**119**		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:57	VVD
Lead	**7.84**		ug/L	1.00	1.00	1	12/23/19	12/24/19 11:57	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 11:49

TC-205-B323 S

9122014-63 (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	**46.9**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:08	VVD
Lead	**1.17**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:08	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 11:49

TC-206-B323 S

9122014-64 (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	**53.7**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:10	VVD
Lead	**1.06**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:10	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 11:49

TC-207-B323 S

9122014-65 (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	**53.4**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:12	VVD
Lead	**1.72**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:12	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 11:49

TC-208-B323 S

9122014-66 (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	**46.4**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:13	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:13	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-209-B323 S

9122014-67 (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	**54.6**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:15	VVD
Lead	**1.25**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:15	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-210-B323 S

9122014-68 (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	**76.5**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:16	VVD
Lead	**2.48**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:16	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 11:49

TC-211-B323 S

9122014-69 (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	**307**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:18	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:18	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-212-B331 S

9122014-70 (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	**67.7**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:23	VVD
Lead	**1.03**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:23	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-213-B319 S

9122014-71 (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	**133**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:25	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:25	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-214-B319 S

9122014-72 (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	**85.5**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:26	VVD
Lead	**2.77**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:26	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-215-B319 S

9122014-73 (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	**124**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:34	VVD
Lead	**4.76**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:34	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 11:49

TC-216-B319 S

9122014-74 (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	**85.3**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:36	VVD
Lead	**3.47**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:36	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-217-B319 S

9122014-75 (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	**69.0**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:38	VVD
Lead	**1.17**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:38	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-218-B319 S

9122014-76 (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	**65.4**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:43	VVD
Lead	**1.98**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:43	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-193-B319 S

9122014-77 (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	**66.5**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:44	VVD
Lead	**1.38**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:44	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-219-Hall Bub L

9122014-78 (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	**26.9**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:46	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:46	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 11:49

TC-220-Hall Bub R

9122014-79 (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	**28.3**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:48	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:48	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 11:49

TC-221-B318 S

9122014-80 (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									
Lead	**1.13**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:49	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 11:49

TC-221-B318 S

9122014-80RE1 (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	**1260**		ug/L	10.0	10.0	10	12/23/19	12/24/19 15:26	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 11:49

TC-222-B318 S

9122014-81 (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 200.2-Digested Metals									
Lead	**1.95**		ug/L	1.00	1.00	1	12/24/19	12/26/19 17:28	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-222-B318 S

9122014-81RE1 (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	**1360**		ug/L	10.0	10.0	10	12/24/19	12/26/19 19:04	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-223-B318 S

9122014-82 (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	**710**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:51	VVD
Lead	**1.65**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:51	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-224-B318 S

9122014-83 (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	**867**		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:52	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 12:52	VVD



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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-225-B318 S

9122014-84 (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	**825**		ug/L	1.00	1.00	1	12/23/19	12/24/19 13:04	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 13:04	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-226-B318 S

9122014-85 (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	**628**		ug/L	1.00	1.00	1	12/23/19	12/24/19 13:06	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 13:06	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-227-B318 S

9122014-86 (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									
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 13:07	VVD

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Project: ACPS-TC

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

Reported:
12/27/19 11:49

TC-227-B318 S

9122014-86RE1 (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	**1180**		ug/L	10.0	10.0	10	12/23/19	12/24/19 15:27	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 11:49

TC-228-C309 S

9122014-87 (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	**271**		ug/L	1.00	1.00	1	12/23/19	12/24/19 13:09	VVD
Lead	ND		ug/L	1.00	1.00	1	12/23/19	12/24/19 13:09	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 11:49

TC-229-C309 S

9122014-88 (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	**255**		ug/L	1.00	1.00	1	12/23/19	12/24/19 13:10	VVD
Lead	**1.06**		ug/L	1.00	1.00	1	12/23/19	12/24/19 13:10	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 11:49

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 B912410 - 200.8-No Digestion Metals										
Blank (B912410-BLK1)					Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912410-BLK2)					Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912410-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 11:49

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 B912410 - 200.8-No Digestion Metals										
Blank (B912410-BLK4)					Prepared & Analyzed: 12/23/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912410-BLK5)					Prepared & Analyzed: 12/23/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912410-BLK6)					Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912410-BLK7)					Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912410-BLK8)					Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
Blank (B912410-BLK9)					Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	ND		1.00	ug/L						
Lead	ND		1.00	ug/L						
LCS (B912410-BS1)					Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	9.39		1.00	ug/L	10.0		94	80-120		
Lead	9.19		1.00	ug/L	10.0		92	80-120		
LCS (B912410-BS2)					Prepared & Analyzed: 12/23/19					
Copper	10.3		1.00	ug/L	10.0		103	80-120		
Lead	9.61		1.00	ug/L	10.0		96	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 11:49

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 B912410 - 200.8-No Digestion Metals										
LCS (B912410-BS3)					Prepared & Analyzed: 12/23/19					
Copper	9.59		1.00	ug/L	10.0		96	80-120		
Lead	9.04		1.00	ug/L	10.0		90	80-120		
LCS (B912410-BS4)					Prepared & Analyzed: 12/23/19					
Copper	9.53		1.00	ug/L	10.0		95	80-120		
Lead	8.95		1.00	ug/L	10.0		90	80-120		
LCS (B912410-BS5)					Prepared & Analyzed: 12/23/19					
Copper	9.69		1.00	ug/L	10.0		97	80-120		
Lead	9.06		1.00	ug/L	10.0		91	80-120		
LCS (B912410-BS6)					Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	9.82		1.00	ug/L	10.0		98	80-120		
Lead	9.43		1.00	ug/L	10.0		94	80-120		
LCS (B912410-BS7)					Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	9.65		1.00	ug/L	10.0		96	80-120		
Lead	9.31		1.00	ug/L	10.0		93	80-120		
LCS (B912410-BS8)					Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	9.35		1.00	ug/L	10.0		93	80-120		
Lead	9.36		1.00	ug/L	10.0		94	80-120		
LCS (B912410-BS9)					Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	9.57		1.00	ug/L	10.0		96	80-120		
Lead	9.52		1.00	ug/L	10.0		95	80-120		
Duplicate (B912410-DUP1)		**Source: 9122014-01**			Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	147		1.00	ug/L		146			0.5	20
Lead	4.82		1.00	ug/L		4.77			1	20

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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:
12/27/19 11:49

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 B912410 - 200.8-No Digestion Metals										
Duplicate (B912410-DUP2)		**Source: 9122014-11**			Prepared & Analyzed: 12/23/19					
Copper	23.3		1.00	ug/L		22.4			4	20
Lead	ND		1.00	ug/L		ND				20
Duplicate (B912410-DUP3)		**Source: 9122014-21**			Prepared & Analyzed: 12/23/19					
Copper	51.2		1.00	ug/L		51.1			0.3	20
Lead	2.33		1.00	ug/L		2.36			1	20
Duplicate (B912410-DUP4)		**Source: 9122014-31**			Prepared & Analyzed: 12/23/19					
Copper	30.4		1.00	ug/L		30.4			0.05	20
Lead	1.42		1.00	ug/L		1.47			3	20
Duplicate (B912410-DUP5)		**Source: 9122014-41**			Prepared & Analyzed: 12/23/19					
Copper	27.5		1.00	ug/L		27.6			0.5	20
Lead	ND		1.00	ug/L		ND				20
Duplicate (B912410-DUP6)		**Source: 9122014-51**			Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	44.8		1.00	ug/L		45.3			1	20
Lead	ND		1.00	ug/L		ND				20
Duplicate (B912410-DUP7)		**Source: 9122014-61**			Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	93.0		1.00	ug/L		90.5			3	20
Lead	ND		1.00	ug/L		ND				20
Duplicate (B912410-DUP8)		**Source: 9122014-71**			Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	133		1.00	ug/L		133			0.05	20
Lead	ND		1.00	ug/L		ND				20
Duplicate (B912410-DUP9)		**Source: 9122014-82**			Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	726		1.00	ug/L		710			2	20
Lead	1.64		1.00	ug/L		1.65			0.4	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 11:49

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 B912410 - 200.8-No Digestion Metals										
Matrix Spike (B912410-MS1)		**Source: 9122014-01**			Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	152	QM-4X	1.00	ug/L	10.0	146	55	80-120		
Lead	14.5		1.00	ug/L	10.0	4.77	97	80-120		
Matrix Spike (B912410-MS2)		**Source: 9122014-11**			Prepared & Analyzed: 12/23/19					
Copper	31.4		1.00	ug/L	10.0	22.4	90	80-120		
Lead	8.89		1.00	ug/L	10.0	ND	89	80-120		
Matrix Spike (B912410-MS3)		**Source: 9122014-21**			Prepared & Analyzed: 12/23/19					
Copper	58.6	QM-4X	1.00	ug/L	10.0	51.1	75	80-120		
Lead	11.2		1.00	ug/L	10.0	2.36	88	80-120		
Matrix Spike (B912410-MS4)		**Source: 9122014-31**			Prepared & Analyzed: 12/23/19					
Copper	38.8		1.00	ug/L	10.0	30.4	84	80-120		
Lead	10.2		1.00	ug/L	10.0	1.47	88	80-120		
Matrix Spike (B912410-MS5)		**Source: 9122014-41**			Prepared & Analyzed: 12/23/19					
Copper	35.6	QM-4X	1.00	ug/L	10.0	27.6	79	80-120		
Lead	9.61		1.00	ug/L	10.0	ND	96	80-120		
Matrix Spike (B912410-MS6)		**Source: 9122014-51**			Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	53.4		1.00	ug/L	10.0	45.3	81	80-120		
Lead	9.58		1.00	ug/L	10.0	ND	96	80-120		
Matrix Spike (B912410-MS7)		**Source: 9122014-61**			Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	97.8	QM-4X	1.00	ug/L	10.0	90.5	73	80-120		
Lead	9.34		1.00	ug/L	10.0	ND	93	80-120		
Matrix Spike (B912410-MS8)		**Source: 9122014-71**			Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	141	QM-4X	1.00	ug/L	10.0	133	73	80-120		
Lead	10.4		1.00	ug/L	10.0	ND	104	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 11:49

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 B912410 - 200.8-No Digestion Metals										
Matrix Spike (B912410-MS9)		**Source: 9122014-82**			Prepared: 12/23/19 Analyzed: 12/24/19					
Copper	717	QM-4X	1.00	ug/L	10.0	710	65	80-120		
Lead	9.34		1.00	ug/L	10.0	1.65	77	80-120		

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Will Brewington, President

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410-247-7600
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MD DW LabID 153

Project: ACPS-TC

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

Reported:
12/27/19 11:49

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



Will Brewington, President

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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

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-141 B227S1			X			1										HNO_3	pH:	9122014-01
TC-142 B225S1			X			1										HNO_3	pH:	-02
TC-143 B221FS			X			1										HNO_3	pH:	-03
TC-144 B218TDS			X			1										HNO_3	pH:	-04
~~TC-169~~			~~X~~			~~1~~										HNO_3	pH:	
~~TC-170~~			~~X~~			~~1~~										HNO_3	pH:	
~~TC-171~~			~~X~~			~~1~~										HNO_3	pH:	
~~I~~			~~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]~~ Catey Boume		(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

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-146-~~B~~E130SR	12/20	5:17	X			1			HNO_3	pH:	9122014-05
TC-147-E132S		5:21	X			1			HNO_3	pH:	-06
TC-148-E132SL			X			1			HNO_3	pH:	-07
TC-149-E132SR			X			1			HNO_3	pH:	-08
TC-150-HallBubL			X			1			HNO_3	pH:	-09
TC-151-HallBubR			X			1			HNO_3	pH:	-10
TC-152-HallBottle		5:31	X			1			HNO_3	pH:	-11
TC-153-HallBub			X			1			HNO_3	pH:	-12
TC-154-B340S			X			1			HNO_3	pH:	-13
TC-155-B340Bottle			X			1			HNO_3	pH:	-14

Analysis Requested

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) ~~Anna~~ 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 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: 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 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-156-B3405	12/20	5:33	X			1			HNO_3	pH:	9122014-15
TC-157-B3365			X			1			HNO_3	pH:	-16
TC-158-B3365			X			1			HNO_3	pH:	-17
TC-159-B3365			X			1			HNO_3	pH:	-18
TC-160-B3365			X			1			HNO_3	pH:	-19
TC-161-B3365			X			1			HNO_3	pH:	-20
TC-162-B3365			X			1			HNO_3	pH:	-21
TC-163-B3365			X			1			HNO_3	pH:	-22
TC-164-B3335		5:39	X			1			HNO_3	pH:	-23
TC-165-B3335			X			1			HNO_3	pH:	-24

Analysis Requested

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) Anna Francioso	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 Adrian	☐ 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

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-166-B3335	12/20		X			1			HNO_3	pH:	9122014-25
TC-167-B3335			X			1			HNO_3	pH:	-26
TC-168-B3335			X			1			HNO_3	pH:	-27
TC-194-B3335			X			1			HNO_3	pH:	-28
TC-195-B3335			X			1			HNO_3	pH:	-29
TC-196-B3315		15:46	X			1			HNO_3	pH:	-30
TC-197-B3315			X			1			HNO_3	pH:	-31
TC-198-B3315			X			1			HNO_3	pH:	-32
TC-199-B3315			X			1			HNO_3	pH:	-33
TC-200-B3315			X			1			HNO_3	pH:	-34

Analysis Requested

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

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 ~~10~~ K9 B21851			X			1			HNO_3	pH:	9122014-35
TC-170 B21852			X			1			HNO_3	pH:	-36
TC-171 B21853			X			1			HNO_3	pH:	-37
TC-172 B21854			X			1			HNO_3	pH:	-38
TC-173 - B217~~55~~ TDS			X			1			HNO_3	pH:	-39
TC-174 - B217~~56~~ 51			X			1			HNO_3	pH:	-40
TC-175 B21752			X			1			HNO_3	pH:	-41
TC-176-B21753			X			1			HNO_3	pH:	-42
TC-~~176~~-177-B21754			X			1			HNO_3	pH:	-43
TC-178-B21755			X			1			HNO_3	pH:	-44

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) Catey Bourne	12/20/19	(Printed)	(Printed)		(Printed)
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

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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
[redacted]											
TC-180 B21351			X			1			HNO_3	pH:	9122014-45
TC-181 B21352			X			1			HNO_3	pH:	-46
TC-182 B21353			X			1			HNO_3	pH:	-47
TC-183 B21354			X			1			HNO_3	pH:	-48
TC-184 B21355			X			1			HNO_3	pH:	-49
TC-185 B21356			X			1			HNO_3	pH:	-50
TC-186 - B21325			X			1			HNO_3	pH:	-51
TC-187 - Hollow Glyph B214			X			1			HNO_3	pH:	-52
TC-188 - Hollow Glyph B214			X			1			HNO_3	pH:	-53
TC-[redacted]179 - B213[redacted] TB			X			1			HNO_3	pH:	-54

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
CGB	12/20/19				
(Printed) [redacted] Cates Bourne		(Printed)	(Printed)		(Printed)
Relinquished by: (Signature)	Date/Time	Received by Lab: (Signature)			
(Printed)	1320 12/20/19	(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.
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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-[redacted]189-B2365			X			1			HNO_3	pH:	9122014-55
TC-[redacted]190 hall WL by E201			X			1			HNO_3	pH:	-56
TC-191 hall WL by E201			X			1			HNO_3	pH:	-57
TC-192 A3225			X			1			HNO_3	pH:	-58
			X			1			HNO_3	pH:	
			X			1			HNO_3	pH:	
			X			1			HNO_3	pH:	
			X			1			HNO_3	pH:	
			X			1			HNO_3	pH:	
			X			1			HNO_3	pH:	

Relinquished by: (Signature) CGB (Printed) [redacted] Carey Bourne	Date/Time 12/20/19	Received by: (Signature) (Printed)	Relinquished by: (Signature) (Printed)	Date/Time Received by: (Signature) (Printed)
Relinquished by: (Signature) (Printed)	Date/Time 1320 12/20/19	Received by Lab: (Signature) (Printed) Samantha Adran		

Analysis Requested

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

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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-201-B3315	12/2/19		X			1			HNO_3	pH:	9122014-59
TC-202-B3315			X			1			HNO_3	pH:	-60
TC-203-B3285		5:52	X			1			HNO_3	pH:	-61
TC-204-B3235			X			1			HNO_3	pH:	-62
TC-205-B3235			X			1			HNO_3	pH:	-63
TC-206-B3235			X			1			HNO_3	pH:	-64
TC-207-B3235			X			1			HNO_3	pH:	-65
TC-208-B3235			X			1			HNO_3	pH:	-66
TC-209-B3235			X			1			HNO_3	pH:	-67
TC-210-B3235			X			1			HNO_3	pH:	-68

Relinquished by: (Signature)	Date/Time 12/2/19 8:02	Received by: (Signature)	Relinquished by: (Signature)	Date/Time / Received by: (Signature)
(Printed) [redacted] Anna Francioso		(Printed)	(Printed)	(Printed)
Relinquished by: (Signature)	Date/Time 1320 12/2/2019	Received by Lab: (Signature)	Turn Around Time:	Lab Use:
(Printed)		(Printed) Samantha Brian	☐ 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

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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-211-B3235	12/20		X			1			HNO_3	pH:	9122014-69
TC-212-B3315	"	5:58	X			1			HNO_3	pH:	-70
TC-213-B3195	"	"	X			1			HNO_3	pH:	-71
TC-214-B3199	"	"	X			1			HNO_3	pH:	-72
TC-215-B3195	"	"	X			1			HNO_3	pH:	-73
TC-216-B3195	"	"	X			1			HNO_3	pH:	-74
TC-217-B3195	"	"	X			1			HNO_3	pH:	-75
TC-218-B3195	"	"	X			1			HNO_3	pH:	-76
TC-193-B3195	"	"	X			1			HNO_3	pH:	-77
TC-~~240~~219 Hall Bubble	"		X			1			HNO_3	pH:	-78

Analysis Requested

Relinquished by: (Signature) AF	Date/Time 12/20/19 8:00	Received by: (Signature)	Relinquished by: (Signature)	Date/Time / Received by: (Signature)
(Printed) ~~Anna~~ Francesca		(Printed)	(Printed)	(Printed)
Relinquished by: (Signature)	Date/Time 1320 12/20/19	Received by Lab: (Signature)	Turn Around Time:	Lab Use:
(Printed)		(Printed) Samantha Adan	☐ 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

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-[redacted]220-HallBath	B12/20	6:16	X			1			HNO_3	pH:	9122014-79
TC-[redacted]221-[redacted]B3185			X			1			HNO_3	pH:	-80
TC-[redacted]222-B3185			X			1			HNO_3	pH:	-81
TC-[redacted]223-B3185			X			1			HNO_3	pH:	-82
TC-[redacted]224-B3185			X			1			HNO_3	pH:	-83
TC-[redacted]225-B3185			X			1			HNO_3	pH:	-84
TC-[redacted]226-B3185			X			1			HNO_3	pH:	-85
TC-[redacted]227-B3185			X			1			HNO_3	pH:	-86
TC-[redacted]228-C3095			X			1			HNO_3	pH:	-87
TC-[redacted]229-C3095			X			1			HNO_3	pH:	-88

Analysis Requested

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
(Printed) [redacted] Anna Francisca	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