

November 10, 2016

Via E-Mail: Joshua_l_williams@dekalbschoolsga.org

Mr. Joshua L. Wiiliams, MBA, MSM, PMP Chief Operations Officer DeKalb County School District Operations Division Sam Moss Service Center 1780 Montreal Road Tucker, Georgia 30084

Re: Lead in Drinking Water Sample Results

Henderson Mill Elementary School (Facility ID #2058) 2408 Henderson Mill Road, Atlanta, Georgia 30345

AEM Project No. 1561-1601

Dear Mr. Williams:

Atlanta Environmental Management, Inc. (AEM) is pleased to provide the DeKalb County School District (DCSD) an electronic copy of the Lead in Drinking Water Sample Results for Henderson Mill Elementary School (Facility ID #2058). Samples were collected on October 25, 2016, and analytical results were received from Analytical Environmental Services, Inc., on November 8, 2016.

FINDINGS

AEM collected 32 drinking water samples from 16 sources at Henderson Mill Elementary School (Facility ID #2058), including two duplicate samples. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in the attached table.

None of the samples collected and analyzed contained lead at a concentration equal to or above EPA's action level of 15 parts per billion.

We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

Sincerely,

Atlanta Environmental Management, Inc.

Leona Miles, CHMM
Senior Project Manager

Janet T. Hart President

/krf

cc: Daniel Drake (DCSD)

Tracee Hill (DCSD)

Sandra Glen (DeKalb County Watershed Management)

Ryan Cira (DeKalb Board of Health)

Attachment: Table

Henderson Mill Elementary Facility





Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
2058-102516-DF-001-A	Initial Draw sample; Upper Left Oasis Drinking Fountain in Gym	10/25/16 5:45 AM	None Detected
2058-102516-DF-001-B	Flush sample; Upper Left Oasis Drinking Fountain in Gym	10/25/16 5:46 AM	None Detected
2058-102516-DF-002-A	Initial Draw sample; Lower Right Oasis Drinking Fountain in Gym	10/25/16 5:48 AM	None Detected
2058-102516-DF-002-B	Flush sample; Lower Right Oasis Drinking Fountain in Gym	10/25/16 5:49 AM	None Detected
2058-102516-DF-003-A	Initial Draw sample; Lower Left Elkay Drinking Fountain in hallway next to Rm B-9	10/25/16 5:17 AM	None Detected
2058-102516-DF-003-B	Flush sample; Lower Left Elkay Drinking Fountain in hallway next to Rm B-9	10/25/16 5:18 AM	None Detected
2058-102516-DF-004-A	Initial Draw sample; Upper Right Elkay Drinking Fountain in hallway next to Rm B-9	10/25/16 5:14 AM	None Detected
2058-102516-DF-004-B	Flush sample; Upper Right Elkay Drinking Fountain in hallway next to Rm B-9	10/25/16 5:15 AM	None Detected
2058-102516-DF-005-A	Initial Draw sample; Upper Left Elkay Drinking Fountain in hallway to the left of the Media Center (Rm 121) entrance	10/25/16 5:25 AM	None Detected
2058-102516-DF-005-B	Flush sample; Upper Left Elkay Drinking Fountain in hallway to the left of the Media Center (Rm 121) entrance	10/25/16 5:26 AM	None Detected
2058-102516-DF-006-A	Initial Draw sample; Lower Right Elkay Drinking Fountain in hallway to the left of the Media Center (Rm 121) entrance	10/25/16 5:27 AM	None Detected
	Flush sample; Lower Right Elkay Drinking Fountain in hallway to the left of the Media		
2058-102516-DF-006-B	Center (Rm 121) entrance	10/25/16 5:28 AM	None Detected
2058-102516-DF-007-A	Initial Draw sample; Lower Right Elkay Drinking Fountain in hallway next to Rm 116	10/25/16 5:01 AM	None Detected
2058-102516-DF-007-B	Flush sample; Lower Right Elkay Drinking Fountain in hallway next to Rm 116	10/25/16 5:02 AM	None Detected
2058-102516-DF-008-A	Initial Draw sample; Upper Left Elkay Drinking Fountain in hallway next to Rm 116	10/25/16 5:05 AM	None Detected
2058-102516-DF-008-B	Flush sample; Upper Left Elkay Drinking Fountain in hallway next to Rm 116	10/25/16 5:06 AM	None Detected
2058-102516-DF-009-A	Initial Draw sample; Upper Left Elkay Drinking Fountain in hallway across from Rm 101	10/25/16 5:18 AM	None Detected
2058-102516-DF-009-B	Flush sample; Upper Left Elkay Drinking Fountain in hallway across from Rm 101	10/25/16 5:19 AM	None Detected
2058-102516-DF-010-A	Initial Draw sample; Lower Right Elkay Drinking Fountain in hallway across from Rm 101	10/25/16 5:20 AM	None Detected
2058-102516-DF-010-B	Flush sample; Lower Right Elkay Drinking Fountain in hallway across from Rm 101	10/25/16 5:21 AM	None Detected
2058-102516-KS-001-A	Initial Draw sample; Kindergarten Sink with no bubbler in Rm 116; Sampled faucet	10/25/16 5:32 AM	4.15
2058-102516-KS-001-B	Flush sample; Kindergarten Sink with no bubbler in Rm 116; Sampled faucet	10/25/16 5:34 AM	None Detected
2058-102516-RS-001-A	Initial Draw sample; Boys RR next to Rm B-9; Sink farthest from door	10/25/16 5:28 AM	None Detected
2058-102516-RS-001-B	Flush sample; Boys RR next to Rm B-9; Sink farthest from door	10/25/16 5:29 AM	None Detected

Henderson Mill Elementary Facility



2408 Henderson Mill Road, NE, Atlanta, GA 30345

Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
2058-102516-RS-002-A	Initial Draw sample; Girls RR next to Rm 115; Sink closest to door	10/25/16 5:09 AM	None Detected
2058-102516-RS-002-B	Flush sample; Girls RR next to Rm 115; Sink closest to door	10/25/16 5:10 AM	None Detected
2058-102516-CS-001-A	Initial Draw sample; Food Prep Sink in Kitchen	10/25/16 5:11 AM	2.33
2058-102516-CS-001-B	Flush sample; Food Prep Sink in Kitchen	10/25/16 5:12 AM	None Detected
2058-102516-IM-001-A	Prodigy Ice Machine next to Food Prep Sink in Kitchen	10/25/16 5:07 AM	None Detected
2058-102516-SC-001-A	Service Connection line on Henderson Mill Road	10/25/16 6:05 AM	**

Notes:

ppb-parts per billion

Bold-Exceeds 15 ppb--EPA's Action Level for Lead

^{*} Note--Where "A" and "B" are indicated, AEM collected two samples at each source area location: ("A") initial draw sample; and ("B") after a 30-second flush sample

^{**} Note--Inconclusive Sample Result; Resampling underway

^{***}Information provided by DeKalb County Watershed Management



January 6, 2017

Via E-Mail: Joshua_l_williams@dekalbschoolsga.org

Mr. Joshua L. Williams, MBA, MSM, PMP **Chief Operations Officer DeKalb County School District** Operations Division Sam Moss Service Center 1780 Montreal Road Tucker, Georgia 30084

Re: Lead in Drinking Water Sample Results Henderson Middle School (Facility ID #0797) 2830 Henderson Mill Road, Atlanta, Georgia 30341

AEM Project No. 1561-1601

Dear Mr. Williams:

Atlanta Environmental Management, Inc. (AEM) is pleased to provide the DeKalb County School District (DCSD) an electronic copy of the Lead in Drinking Water Sample Results for Henderson Middle School (Facility ID #0797). Samples were collected on December 13, 2016. and analytical results were received from Analytical Environmental Services, Inc., on January 4, 2017.

FINDINGS

AEM collected 62 drinking water samples from 31 sources at Henderson Middle School (Facility ID #0797), including two duplicate samples. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in the attached table.

None of the samples collected and analyzed contained lead at a concentration equal to or above EPA's action level of 15 parts per billion.

We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

Sincerely,

Atlanta Environmental Management, Inc.

Leona Miles, CHMM

Senior Project Manager

Janet T. Hart President

/krf

cc: Daniel Drake (DCSD) Tracee Hill (DCSD)

Sandra Glen (DeKalb County Watershed Management)

Ryan Cira (DeKalb Board of Health)

Attachment: Table

Henderson Middle School





			Lead Test Results	
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)	
0797-121316-DF-001-A	Initial Draw cample, Lower Bight wall mounted Elkey Drinking Fountain in Cym Johby	12/12/16 5:27 ANA	None Detected	
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Gym lobby	12/13/16 5:27 AM		
0797-121316-DF-001-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Gym lobby	12/13/16 5:28 AM	None Detected	
0797-121316-DF-002-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Gym lobby	12/13/16 5:29 AM	None Detected	
0797-121316-DF-002-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Gym lobby	12/13/16 5:30 AM	None Detected	
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway to left of			
0797-121316-DF-003-A	Boys RR 624	12/13/16 5:21 AM	None Detected	
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway to left of Boys			
0797-121316-DF-003-B	RR 624	12/13/16 5:22 AM	None Detected	
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway to left			
0797-121316-DF-004-A	of Boys RR 624	12/13/16 5:23 AM	None Detected	
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway to left of Boys	10/10/10 5 0 1 1 1		
0797-121316-DF-004-B	RR 624	12/13/16 5:24 AM	None Detected	
0707 42424 C DE 00E A	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway near	42/42/46 5:06 484	4.27	
0797-121316-DF-005-A	Rm 403	12/13/16 5:06 AM	1.27	
0797-121316-DF-005-В	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway near Rm 403	12/13/16 5:07 AM	1.98	
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near Rm			
0797-121316-DF-006-A	403	12/13/16 5:08 AM	1.61	
0797-121316-DF-006-В	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near Rm 403	12/13/16 5:09 AM	1.52	
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near Rm	==,==,=================================		
0797-121316-DF-007-A	200	12/13/16 5:19 AM	None Detected	
0797-121316-DF-007-В	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near Rm 200	12/13/16 5:20 AM	1.17	
0/3/-121310-DI-00/-D	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway near	12/13/10 3.20 AIVI	1.1/	
0797-121316-DF-008-A	Rm 200	12/13/16 5:21 AM	1.13	
0797-121316-DF-008-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway near Rm 200	12/13/16 5:22 AM	1.51	

Henderson Middle School



			Lead Test
Commis ID*	Consula Lacation Description	Sample Date & Time	Results (ppb)
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
0707 42424C DE 044 A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near	42/42/46 5:25 484	2.26
0797-121316-DF-011-A	Storage Rm 203.1	12/13/16 5:35 AM	3.36
0707 42424C DE 044 B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near Storage	12/12/16 5.26 ANA	0.26
0797-121316-DF-011-B	Rm 203.1	12/13/16 5:36 AM	8.36
0797-121316-DF-012-A	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway near	12/12/16 5.27 444	6.45
0/9/-121316-DF-012-A	Storage Rm 203.1	12/13/16 5:37 AM	0.45
0797-121316-DF-012-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway near Storage Rm 203.1	12/13/16 5:38 AM	7.24
0737-121310-01-012-0	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway by Rm	12/13/10 3.36 AIVI	7.24
0797-121316-DF-013-A	504	12/13/16 5:39 AM	None Detected
0/3/-121310-DI-013-A	304	12/13/10 3.33 AW	None Detected
0797-121316-DF-013-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway by Rm 504	12/13/16 5:40 AM	None Detected
0797-121316-DF-014-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in By Rm 504	12/13/16 5:41 AM	None Detected
0797-121316-DF-014-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in By Rm 504	12/13/16 5:42 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway by Rm		
0797-121316-DF-015-A	509	12/13/16 5:33 AM	None Detected
0797-121316-DF-015-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway by Rm 509	12/13/16 5:34 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway by Rm	10/10/10 5 05 111	
0797-121316-DF-016-A	509	12/13/16 5:35 AM	1.07
0797-121316-DF-016-В	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway by Rm 509	12/13/16 5:36 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Cafeteria to left	, , , , , , , , , , , , , , , , , , , ,	
0797-121316-DF-017-A	of Kitchen	12/13/16 5:20 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Cafeteria to left of	· ·	
0797-121316-DF-017-B	Kitchen	12/13/16 5:21 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Cafeteria to left		
0797-121316-DF-018-A	of Kitchen	12/13/16 5:22 AM	None Detected

Henderson Middle School





			Lead Test
			Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Cafeteria to left of		
0797-121316-DF-018-B	Kitchen	12/13/16 5:23 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Cafeteria to right		
0797-121316-DF-019-A	of Kitchen	12/13/16 5:24 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Cafeteria to right of		
0797-121316-DF-019-B	Kitchen	12/13/16 5:25 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Cafeteria to		
0797-121316-DF-020-A	right of Kitchen	12/13/16 5:26 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Cafeteria to right of		
0797-121316-DF-020-B	Kitchen	12/13/16 5:27 AM	None Detected
	Initial Draw sample; Lower Right Lower Left wall mounted Elkay Drinking Fountain in		
0797-121316-DF-021-A	hallway to right of Rm 606	12/13/16 5:56 AM	None Detected
	Flush sample; Lower Right Lower Left wall mounted Elkay Drinking Fountain in hallway to		
0797-121316-DF-021-B	right of Rm 606	12/13/16 5:57 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway to right		
0797-121316-DF-022-A	of Rm 606	12/13/16 5:53 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway to right of Rm		
0797-121316-DF-022-B	606	12/13/16 5:54 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
0797-121316-DF-023-A	from Orchestra Rm 601	12/13/16 5:35 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
0797-121316-DF-023-B	Orchestra Rm 601	12/13/16 5:36 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across		
0797-121316-DF-024-A	from Orchestra Rm 601	12/13/16 5:37 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from		
0797-121316-DF-024-B	Orchestra Rm 601	12/13/16 5:38 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Band room/Rm		
0797-121316-DF-025-A	605	12/13/16 5:46 AM	None Detected
0797-121316-DF-025-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Band room/Rm 605	12/13/16 5:47 AM	None Detected

Henderson Middle School





			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Band room/Rm		
0797-121316-DF-026-A	605	12/13/16 5:48 AM	None Detected
0797-121316-DF-026-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Band room/Rm 605	12/13/16 5:49 AM	None Detected
0797-121316-RS-001-A	Initial Draw sample; Girls RR next to Rm 604; Sampled far right sink	12/13/16 5:52 AM	1.64
0797-121316-RS-001-B	797-121316-RS-001-B Flush sample; Girls RR next to Rm 604; Sampled far right sink		None Detected
0797-121316-RS-002-A	Initial Draw sample; Girls RR Rm 111.2; Sampled far right sink; Dripping on arrival	12/13/16 5:13 AM	None Detected
0797-121316-RS-002-B	Flush sample; Girls RR Rm 111.2; Sampled far right sink; Dripping on arrival	12/13/16 5:14 AM	None Detected
0797-121316-RS-003-A	Initial Draw sample; Girls RR Rm 221.2; Sampled far right sink	12/13/16 5:29 AM	2.77
0797-121316-RS-003-B	Flush sample; Girls RR Rm 221.2; Sampled far right sink	12/13/16 5:30 AM	None Detected
0797-121316-CS-001-A	Initial Draw sample; Food Prep sink on left in Kitchen	12/13/16 5:12 AM	None Detected
0797-121316-CS-001-B	Flush sample; Food Prep sink on left in Kitchen	12/13/16 5:13 AM	None Detected
0797-121316-CS-002-A	Initial Draw sample; Food Prep sink on right in Kitchen; Dripping on arrival	12/13/16 5:14 AM	1.56
0797-121316-CS-002-B	Flush sample; Food Prep sink on right in Kitchen; Dripping on arrival	12/13/16 5:16 AM	None Detected
0797-121316-IM-001-A	Scotsman Ice Machine in Kitchen	12/13/16 5:08 AM	None Detected
0797-121316-SC-001-A	Service Connection Entry into Building	12/13/16 5:09 AM	None Detected

Notes:

ppb-parts per billion

Bold-Exceeds 15 ppb--EPA's Action Level for Lead

* Note--Where "A" and "B" are indicated, AEM collected two samples at each source area location: ("A") initial draw sample; and ("B") after a 30-second flush sample

June 14, 2017

Via E-Mail: Joshua_l_williams@dekalbschoolsga.org

Mr. Joshua L. Williams, MBA, MSM, PMP Chief Operations Officer DeKalb County School District Operations Division Sam Moss Service Center 1780 Montreal Road Tucker, Georgia 30084

Re: Lead in Drinking Water Sampling Report Henderson Middle School (Facility ID #0797) 2830 Henderson Mill Road, Atlanta, Georgia 30341 AEM Project No. 1561-1601

Dear Mr. Williams:

Atlanta Environmental Management, Inc. (AEM) is pleased to provide the DeKalb County School District (DCSD) an electronic copy of the Final Technical Lead in Drinking Water Sampling Report for Henderson Middle School (Facility ID #0797).

Initial sampling was conducted on December 13, 2016, and analytical results were received from Analytical Environmental Services, Inc., on January 4, 2017. Additional drinking water samples from select source units were collected on April 26, 2017, and analytical results were received from Analytical Environmental Services, Inc., on May 10, 2017.

FINDINGS

Initial Testing

AEM collected 62 drinking water samples from 31 sources at Henderson Middle School (Facility ID #0797), including 2 duplicate samples (see Figure 1). Samples were collected in accordance with the Water Sampling Methodology Protocol for DeKalb County School District, dated September 12, 2016. A copy of AEM's Field Sampling Notes is provided in Attachment A.

A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 1. None of the samples collected and analyzed contained lead at a concentration equal to or above the U.S. Environmental Protection Agency's action level of 15 parts per billion (ppb). A copy of the AES laboratory analytical report is provided in Attachment B.

Mr. Joshua Williams—DeKalb County School District June 14, 2017 Page 2

Initial Sample Results of Previously Identified Inoperable Source Units

During the initial sampling event on December 13, 2016, two source units were inoperable and could not be sampled. DCSD made repairs to the inoperable source units and AEM collected four drinking water samples from these units on April 26, 2017. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 1.

None of the samples collected from the source unit had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 ppb. A copy of the AES laboratory analytical report is provided in Attachment B.

We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

Sincerely,

Atlanta Environmental Management, Inc.

Leona Miles, CHMM Senior Project Manager

Janet T. Hart President

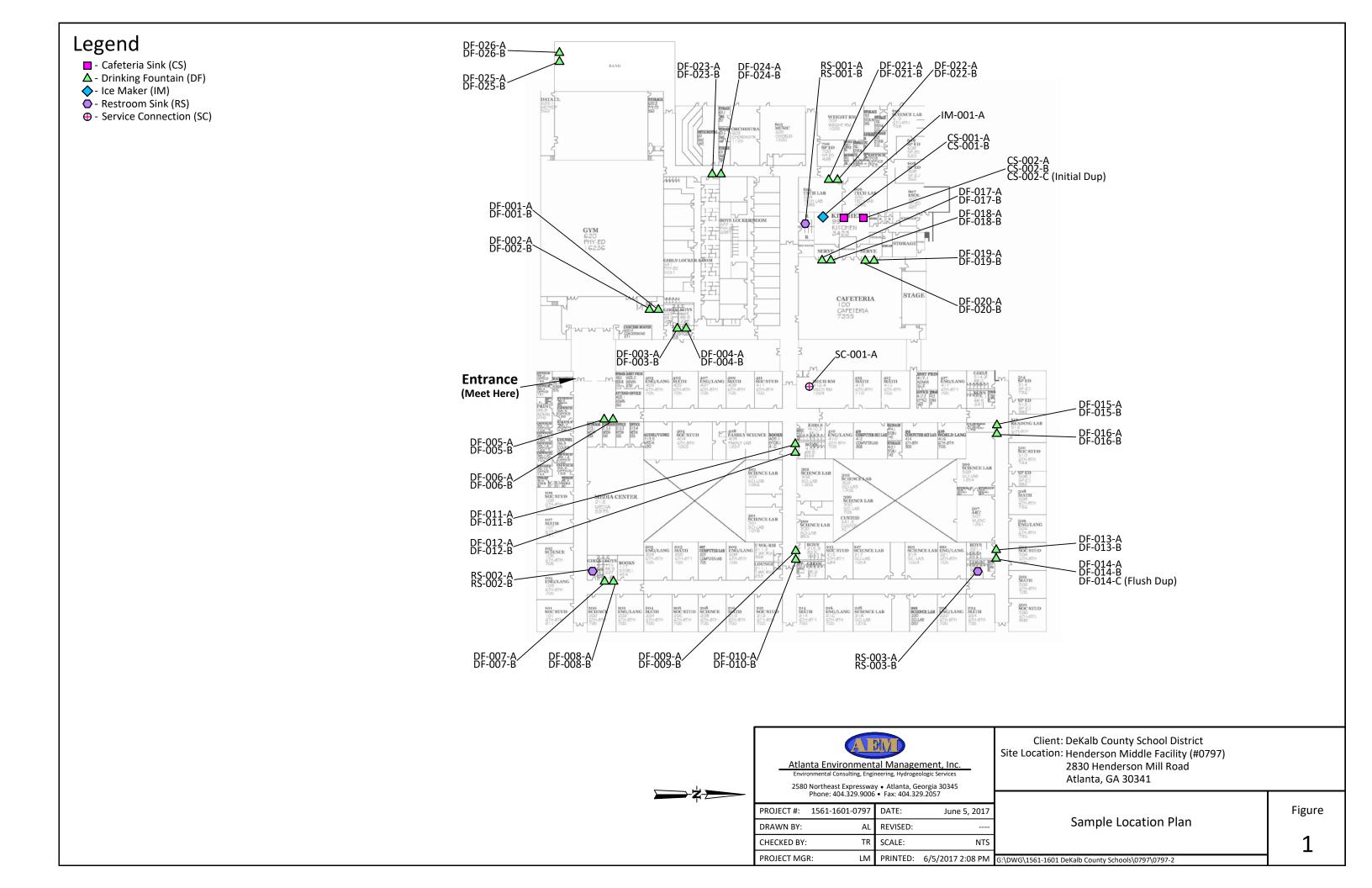
/krf

cc: Daniel Drake (DCSD)
Tracee Hill (DCSD)



FIGURE





TABLE



Henderson Middle School



			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
0797-121316-DF-001-A	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Gym lobby	12/13/16 5:27 AM	None Detected
0797-121316-DF-001-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Gym lobby	12/13/16 5:28 AM	None Detected
0797-121316-DF-002-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Gym lobby	12/13/16 5:29 AM	None Detected
0797-121316-DF-002-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Gym lobby	12/13/16 5:30 AM	None Detected
0797-121316-DF-003-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway to left of Boys RR 624	12/13/16 5:21 AM	None Detected
0797-121316-DF-003-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway to left of Boys RR 624	12/13/16 5:22 AM	None Detected
0797-121316-DF-004-A	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway to left of Boys RR 624	12/13/16 5:23 AM	None Detected
0797-121316-DF-004-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway to left of Boys RR 624	12/13/16 5:24 AM	None Detected
0797-121316-DF-005-A	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway near Rm 403	12/13/16 5:06 AM	1.27
0797-121316-DF-005-В	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway near Rm 403	12/13/16 5:07 AM	1.98
0797-121316-DF-006-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near Rm 403	12/13/16 5:08 AM	1.61
0797-121316-DF-006-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near Rm 403	12/13/16 5:09 AM	1.52
0797-121316-DF-007-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near Rm 200	12/13/16 5:19 AM	None Detected
0797-121316-DF-007-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near Rm 200	12/13/16 5:20 AM	1.17
0797-121316-DF-008-A	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway near Rm 200	12/13/16 5:21 AM	1.13

Henderson Middle School



			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
0797-121316-DF-008-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway near Rm 200	12/13/16 5:22 AM	1.51
0797-121316-DF-009-A	Not Sampled; Inoperable. Left Drinking Fountain outside Boy's RR/Rm 215.3	NS	NS
0797-121316-DF-009-B	Not Sampled; Inoperable. Left Drinking Fountain outside Boy's RR/Rm 215.3	NS	NS
0797-042617-DF-009-A	Initial Draw sample; Left Drinking Fountain outside Boy's RR/Rm 215.3	4/26/17 5:04 AM	None Detected
0797-042617-DF-009-B	Flush sample; Left Drinking Fountain outside Boy's RR/Rm 215.3	4/26/17 5:05 AM	None Detected
0797-121316-DF-010-A	Not Sampled; Inoperable. Right Drinking Fountain outside Boy's RR/Rm 215.3	NS	NS
0797-121316-DF-010-B	Not Sampled; Inoperable. Right Drinking Fountain outside Boy's RR/Rm 215.3	NS	NS
0797-042617-DF-010-A	Initial Draw sample; Right Drinking Fountain outside Boy's RR/Rm 215.3	4/26/17 5:06 AM	None Detected
0797-042617-DF-010-B	Flush sample; Right Drinking Fountain outside Boy's RR/Rm 215.3	4/26/17 5:07 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near		
0797-121316-DF-011-A	Storage Rm 203.1	12/13/16 5:35 AM	3.36
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near Storage Rm		
0797-121316-DF-011-B	203.1	12/13/16 5:36 AM	8.36
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway near		
0797-121316-DF-012-A	Storage Rm 203.1	12/13/16 5:37 AM	6.45
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway near Storage		
0797-121316-DF-012-B	Rm 203.1	12/13/16 5:38 AM	7.24
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway by Rm		
0797-121316-DF-013-A	504	12/13/16 5:39 AM	None Detected
0797-121316-DF-013-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway by Rm 504	12/13/16 5:40 AM	None Detected
0797-121316-DF-014-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in By Rm 504	12/13/16 5:41 AM	None Detected
0797-121316-DF-014-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in By Rm 504	12/13/16 5:42 AM	None Detected
0797-121316-DF-014-C	Flush Duplicate sample; Upper Left wall mounted Elkay Drinking Fountain in By Rm 504	12/13/16 5:43 AM	None Detected

Henderson Middle School



			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway by Rm		
0797-121316-DF-015-A	509	12/13/16 5:33 AM	None Detected
0797-121316-DF-015-В	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway by Rm 509	12/13/16 5:34 AM	None Detected
0797-121316-DF-016-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway by Rm 509	12/13/16 5:35 AM	1.07
0797-121316-DF-016-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway by Rm 509	12/13/16 5:36 AM	None Detected
0797-121316-DF-017-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Cafeteria to left of Kitchen	12/13/16 5:20 AM	None Detected
0797-121316-DF-017-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Cafeteria to left of Kitchen	12/13/16 5:21 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Cafeteria to left		
0797-121316-DF-018-A	of Kitchen	12/13/16 5:22 AM	None Detected
0797-121316-DF-018-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Cafeteria to left of Kitchen	12/13/16 5:23 AM	None Detected
0/3/-121310-DF-016-B	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Cafeteria to right	12/13/10 3.23 AIVI	None Detected
0797-121316-DF-019-A	of Kitchen	12/13/16 5:24 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Cafeteria to right of		
0797-121316-DF-019-B	Kitchen	12/13/16 5:25 AM	None Detected
0707 404046 DE 000 4	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Cafeteria to right	42/42/46 5 26 444	
0797-121316-DF-020-A	of Kitchen	12/13/16 5:26 AM	None Detected
0797-121316-DF-020-В	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Cafeteria to right of Kitchen	12/13/16 5:27 AM	None Detected
	Initial Draw sample; Lower Right Lower Left wall mounted Elkay Drinking Fountain in	, ==, == = :	
0797-121316-DF-021-A	hallway to right of Rm 606	12/13/16 5:56 AM	None Detected
	Flush sample; Lower Right Lower Left wall mounted Elkay Drinking Fountain in hallway to		
0797-121316-DF-021-B	right of Rm 606	12/13/16 5:57 AM	None Detected

Henderson Middle School



			Lead Test
Sample ID*	Sample Location Description	Sample Date & Time	Results (ppb)
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway to right of		,
0797-121316-DF-022-A	Rm 606	12/13/16 5:53 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway to right of Rm		
0797-121316-DF-022-B	606	12/13/16 5:54 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
0797-121316-DF-023-A	from Orchestra Rm 601	12/13/16 5:35 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
0797-121316-DF-023-B	Orchestra Rm 601	12/13/16 5:36 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across		
0797-121316-DF-024-A	from Orchestra Rm 601	12/13/16 5:37 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from		
0797-121316-DF-024-B	Orchestra Rm 601	12/13/16 5:38 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Band room/Rm		
0797-121316-DF-025-A	605	12/13/16 5:46 AM	None Detected
0707 424246 DE 025 D	El abassa de Hassa de Grandon de Albassa de de Ellas De del de Esperador de Para COE	42/42/46 5 47 484	No Balantal
0797-121316-DF-025-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Band room/Rm 605	12/13/16 5:47 AM	None Detected
0707 42424C DE 02C A	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Band room/Rm	12/12/16 5:40 ANA	Nana Data ata d
0797-121316-DF-026-A	605	12/13/16 5:48 AM	None Detected
0797-121316-DF-026-В	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Band room/Rm 605	12/13/16 5:49 AM	None Detected
0797-121316-RS-001-A	Initial Draw sample; Girls RR next to Rm 604; Sampled far right sink	12/13/16 5:52 AM	1.64
0797-121316-RS-001-B	Flush sample; Girls RR next to Rm 604; Sampled far right sink	12/13/16 5:53 AM	None Detected
0797-121316-RS-002-A	Initial Draw sample; Girls RR Rm 111.2; Sampled far right sink; Dripping on arrival	12/13/16 5:13 AM	None Detected
0797-121316-RS-002-B	Flush sample; Girls RR Rm 111.2; Sampled far right sink; Dripping on arrival	12/13/16 5:14 AM	None Detected
0797-121316-RS-003-A	Initial Draw sample; Girls RR Rm 221.2; Sampled far right sink	12/13/16 5:29 AM	2.77
0797-121316-RS-003-B	Flush sample; Girls RR Rm 221.2; Sampled far right sink	12/13/16 5:30 AM	None Detected
0797-121316-CS-001-A	Initial Draw sample; Food Prep sink on left in Kitchen	12/13/16 5:12 AM	None Detected

Henderson Middle School



2830 Henderson Mill Road, Atlanta, GA 30341

Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0797-121316-CS-001-B	Flush sample; Food Prep sink on left in Kitchen	12/13/16 5:13 AM	None Detected
0797-121316-CS-002-A	Initial Draw sample; Food Prep sink on right in Kitchen; Dripping on arrival	12/13/16 5:14 AM	1.56
0797-121316-CS-002-В	Flush sample; Food Prep sink on right in Kitchen; Dripping on arrival	12/13/16 5:16 AM	None Detected
0797-121316-CS-002-C	Initial Draw Duplicate sample; Food Prep sink on right in Kitchen; Dripping on arrival	12/13/16 5:15 AM	1.58
0797-121316-IM-001-A	Scotsman Ice Machine in Kitchen	12/13/16 5:08 AM	None Detected
0797-121316-SC-001-A	Service Connection Entry into Building	12/13/16 5:09 AM	None Detected

Notes:

ppb-parts per billion

Bold-Exceeds 15 ppb--EPA's

Action Level for Lead

NS-Not sampled; source unit was inoperable during the initial testing on 12/13/16

^{*} Note--Where "A" and "B" are indicated, AEM collected two samples at each source area location: ("A") initial draw sample; and ("B") after a 30-second flush sample

ATTACHMENT A AEM Field Sampling Forms



FACILITY NAME: Henderson Millde School FACILITY ID: 0797

ADDRESS: 2830 Henderson Mill Road, Atlanta, GA 30341

DATE	TIME	SAMPLE ID (Facility ID-Date-Location-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/13/16	0909	0797 - 121316 - SC-001 - A	boiler	In room Hallway	Vertical Pire : 4 back of boiler form	AJ
12/13/16	0521	0797 - 121316 - DF-003-A	boys room	In room Hallway	upper LTF+ elksy wm	A
12/13/16	0527	0797 - 121316 - DF-003-B	1 1	In room Hallway	c l	An
12/13/16	0523	0797 - 121316 - DF-004-A	1 •	In room Hallway	Lower right elkay Wan	An
12/13/16	0524	0797 - 121316 - DF-004-B	, S.	In room Hallway	14	An
12/13/16	0527	0797 - 121316 - DF-001 -A	in Gym	In room Hallway	\ (p)
12/13/16	0578	0797 - 121316 - DF - COI-B	4	In room Hallway	11	AN
12/13/16	0529	0797 - 121316 - DF-602-A	Vį	In room Hallway	upper left Elkay wun	PN
12/13/16	0530	0797 - 121316 - DF-007-13	Ŋ	In room Hallway	V (An
12/13/16		0797 - 121316 -		In room Hallway		

FACILITY NAME:

Henderson Millde School

FACILITY ID:

0797

ADDRESS: 2830 Henderson Mill Road, Atlanta, GA 30341

DATE	TIME	SAMPLE ID (Facility ID-Date-Location-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/13/16	0535	0797 - 121316 - DF-023-A	acress from or chestra	In room Hallway	lower right elkay wm	A
12/13/16	0536	0797 - 121316 - DF-023-B	V (In room Hallway	((AN
12/13/16	0537	0797 - 121316 - DF-024-A	1.0	In room Hallway	UPBY Left Ellar	AT
12/13/16	0538	0797 - 121316 - DF-077-B	Vi	In room Hallway	₹ (P7
12/13/16	0546	0797 - 121316 - DF-025-A	Band soon	In room Hallway	upper Left Elkgywn	AI
12/13/16	0547	0797 - 121316 - DF-025-B	V-{	In room Hallway	/\	An
12/13/16	6548	0797 - 121316 - DF-026-A	٠,	In room Hallway	lower right E1K94	An
12/13/16	0549	0797 - 121316 - DF-076-B		In room Hallway	\ (pn
12/13/16	G556	0797 - 121316 - DF-021-A	to right of 606	In room Hallway	Elkay um right	A
12/13/16	0557	0797 - 121316 - DF-021-B	((In room Hallway	/ 1	P

FACILITY NAME:

Henderson Millde School

FACILITY ID:

0797

ADDRESS: 2830 Henderson Mill Road, Atlanta, GA 30341

DATE	TIME	SAMPLE ID (Facility ID-Date-Location-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/13/16	0506	0797 - 121316 - DF-005-A	403	In room Hallway	tikay lower right	CA
12/13/16	0507	0797 - 121316 - DF-005-B	``(In room Hallway	71	
12/13/16	0508	0797 - 121316 - DF-006-A	Ŋ	In room Hallway	Elkay upper left	
12/13/16	0569	0797 - 121316 - DF-006-B	N.	In room Hallway	• •	
12/13/16	0513	0797 - 121316 - R5-002-A	Girls PR	In room Hallway	Far right sink dripping on arrival	
12/13/16	0514	0797 - 121316 - R5-002-B		In room Hallway	N.C.	
12/13/16	0519	0797 - 121316 - OF-007-A	200	In room Hallway	Elkay upper left	
12/13/16	0520	0797 - 121316 - OF-067-B	* (In room Hallway		
12/13/16	0521	0797 - 121316 - OF -008-A	>,	In room Hallway	Elkay lower right	
12/13/16	0522	0797 - 121316 - DF - 008-B	۲,	In room Hallway		1

FACILITY NAME: Henderson Millde School FACILITY ID: 0797

ADDRESS: 2830 Henderson Mill Road, Atlanta, GA 30341

DATE	TIME	SAMPLE ID (Facility ID-Date-Location-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/13/16		0797 - 121316 - DF-009-A		In room Hallway	not in service	
12/13/16		0797 - 121316 - DF - GO9 - B		In room Hallway	e ~	
12/13/16		0797 - 121316 - DF - 010-A		In room Hallway	not sampled	
12/13/16	<i>/</i> :	0797 - 121316 - DF-010-B		In room Hallway	~ ~ ~	
12/13/16	0529	0797 - 121316 - RS-003-A	Girlyke	tn room Hallway	Farright sink	0
12/13/16	0530	0797 - 121316 - RS-003-B	211.2	ln room Hallway		OX
12/13/16	0535	0797 - 121316 - DF-OU-A	Storage 203.1	In room Hallway	Elkay upper left	
12/13/16	0536	0797 - 121316 - DF-OII-B	7.5	In room (fallway)	<u>`</u> a	
12/13/16	0537	0797 - 121316 - DF -012-A	Υ	In room Hallway	Elkay lover right	
12/13/16	0538	0797 - 121316 - NF-0128	v	In room Hallway		

SAMPLER INIT.

FACILITY NAME: Henderson Millde School FACILITY ID: 0797

ADDRESS: 2830 Henderson Mill Road, Atlanta, GA 30341

DATE	TIME	SAMPLE ID (Facility ID-Date-Location-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	
12/13/16	0552	0797 - 121316 - RS 001-A	Girls RR nex+ to 1004	In room Hallway	Far right sink	
12/13/16	0553	0797 - 121316 - RS-001-B		In room Hallway		
				In room		

12/13/16 In room 0797 - 121316 -Hallway In room 12/13/16 0797 - 121316 -Hallway

FACILITY NAME: Henderson Millde School FACILITY ID: 0797

ADDRESS: 2830 Henderson Mill Road, Atlanta, GA 30341

DATE	TIME	SAMPLE ID (Facility ID-Date-Location-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/13/16	0208	0797 - 121316 - M - OO I - A	Kitcher	In room Hallway	scotsman	H
12/13/16	05/2	0797 - 121316 - (5-00) - [1	In room Hallway	food prep sink in	
12/13/16	0513	0797 - 121316 - C5-001-13		In room Hallway) (
12/13/16	0514	0797 - 121316 - (5-W2-A		n room Hallway	food preponkon	
12/13/16	0516	0797 - 121316 - 05-002-13		In room Hallway	odneping or contino	
12/13/16	0515	0797 - 121316 - C5- W2- C		In room Hallway	mital Dup	
12/13/16	0520	0797 - 121316 - DF - DIT - H	age to	In room Hallway	upper let Elkay win	
12/13/16	0527	0797 - 121316 - DF -017-B	Kitcher	In room Hallway	()	
12/13/16	0522	0797 - 121316 - OF - 018- A		In room Hallway	10 wer Regnt Elkay	
12/13/16	0533	0797 - 121316 - Of - 018-B	W	In room Hallway	1/	Ser.

FACILITY NAME: Henderson Millde School FACILITY ID: 0797

ADDRESS: 2830 Henderson Mill Road, Atlanta, GA 30341

DATE	TIME	SAMPLE ID (Facility ID-Date-Location-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/13/16	0524	0797 - 121316 - 0 - 0 19 - 19	afe	ln room Hallway	upper 4++ Ellay	UA
12/13/16	0525	0797 - 121316 - DE - OIQ - B	of Citino	ln room Hallway	\(\tau\)	
12/13/16	0524	0797 - 121316 - DF - D2 D - A		n room Hallway	lower Right Elkary	
12/13/16	0527	0797 - 121316 - OF-UZDB	V	In room Hallway	11	
12/13/16	0533	0797 - 121316 - 0 - 0 5 - 6	By Rm 509	In room Hallway	comer Right Elkay	
12/13/16	534	0797 - 121316 - DF-015-B		In room Hallway		
12/13/16	535	0797 - 121316 - 0 = 0 0 - 0 0 - 4		In room Hallway	upper 49+ Elkay um	
12/13/16	0536	0797 - 121316 - Df - 010-B	1	In room Hallway	i ()	
12/13/16	0539	0797 - 121316 - Of - O1 3-1A	by RM	In room Hallway	1000 Right Ellary	
12/13/16	0540	0797 - 121316 - DF - 013-B	11 (1	In room Hallway	\(\times\)	W

FACILITY NAME:

Henderson Millde School

FACILITY ID:

0797

ADDRESS: 2830 Henderson Mill Road, Atlanta, GA 30341

DATE	TIME	SAMPLE ID (Facility ID-Date-Location-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/13/16	0541	0797 - 121316 - Of - DIU- A	By Rin 504	In room Hallway	upper left Elkery un	H
12/13/16	0542	0797 - 121316 - Of - OIY - B		In room Hallway	\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
12/13/16	0543	0797 - 121316 - 0 - 014 - 0	W	In room Hallway	Elush duso	7
12/13/16	0553	0797 - 121316 - OF - O22- A	to Right	In room Hallway	wher left tiking	Ut
12/13/16	0554	0797 - 121316 - DF-022 - B	(\ /)	In room Hallway	N D	UH
12/13/16		0797 - 121316 -		In room Hallway		
12/13/16		0797 - 121316 -		In room Hallway	·	
12/13/16		0797 - 121316 -		In room Hallway		
12/13/16		0797 - 121316 -		In room Hallway		
12/13/16		0797 - 121316 -		In room Hallway		

FACILITY NAME: HENDERSON MIDDLE FACILITY FACILITY ID: 0797

ADDRESS: 2830 Henderson Mill Road Atlanta, GA, 30341

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
4/26/17	0504	0797 - 042617 - DF-009-A	211.2 Teacher	IIIIOOIII	upper Lett El Kay wm	A
4/26/17	0505	0797 - 042617 - DF - 00 9 - B	11	In room Hallway	1 1	B
4/26/17	0506	0797 - 042617 - DF-010-A	()	In room Hallway	Lower right Elkay WM	M
4/26/17	6507	0797 - 042617 - DF - OW-B	C	In room Hallway	11	M
4/26/17		0797 - 042617 -		In room Hallway		
4/26/17		0797 - 042617 -		In room Hallway		
4/26/17		0797 - 042617 -		In room Hallway		
4/26/17		0797 - 042617 -		ln room Hallway		
4/26/17		0797 - 042617 -		in room Haliway		
4/26/17		0797 - 042617 -		In room Hallway		

ATTACHMENT B AES Laboratory Analytical Report



Leona Miles

From: NoReply@aesatlanta.net

Sent: Wednesday, January 4, 2017 2:05 PM

To: leona-miles@aem-net.com; tim-royer@aem-net.com

Subject: DCSD - 0797

Attachments: 1612C51_REPORT.pdf; 1612C51Invoice.pdf

Please see attached. If you have any questions or need further assistance please contact your project manager at 770-457-8177.

AES Reporting System

ANALYTICAL ENVIRONMENTAL SERVICES,INC. 3080 Presidential Drive ATLANTA,GA 30340 Tel:770-457-8177 Fax:770-457-8188 http://www.aesatlanta.com

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ANALYTICAL ENVIRONMENTAL SERVICES, INC.



January 04, 2017

Leona Miles Atlanta Environmental Mgmt 2580 NE Expresswav Atlanta GA 30345

TEL: (404) 329-9006 FAX: (404) 329-2057

RE: DCSD - 0797

Dear Leona Miles: Order No: 1612C51

Analytical Environmental Services, Inc. received 62 samples on 12/13/2016 8:18:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES's accreditations are as follows:

- -NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.
- -NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.
- -NELAC/Texas Certificate No. T104704509-16-6 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 03/01/16-02/28/17.
- -AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Ioana Pacurar

Project Manager

IDana) Pacurar

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: ///3/15 | Date: \(\sum \frac{7}{3/16} \) Page \(\bar{1} \) of \(\sum \frac{5}{3} \)

COMPANY:	Atlanta Environmental Management, Inc	A454- CA 20245								AN	ALYS	IS RE	QUES	TED				Visit our website	
	Atlanta Environmental Management, Inc	· · · · · · · · · · · · · · · · · · ·																w.aesatlanta.com	
PHONE:	(404) 329-9006		(404) 329	-2057			Tethod 2											results, place bottle orders, etc.	ıtainers
SAMPLED BY:	And Jensen	SIGNATURE:	Mus-	~_			al Pb N											orders, etc.	No # of Containers
#	SAMPLE ID	SAM	IPLED		osite	codes)	Tot			PRI	ESERV	ATION	(See o	codes)					No #
		DATE	TIME	Grab	Composite	Matrix (See codes)	I											REMARDF	
1	0797-121316-DF-001-A →	12/13/2016	0527	X		DW	X												- Santa
2	0797-121316-DF-001-В	12/13/2016	0528	X		DW	X									1.1			(
3	0797-121316-DF-002-A →	12/13/2016	0529	X		DW	X												,
4	0797-121316-DF-002-В	12/13/2016	0830	X		DW	X												(
	0797-121316-DF-003-A `	12/13/2016	0521	X		DW	X												ŧ
6	0797-121316-DF-003-B	12/13/2016	0522	X		DW	X												Section 1
	0797-121316-DF-004-A	12/13/2016	0523	X		DW	X												(
8	0797-121316-DF-004-В /	12/13/2016	0524	X		DW	X												
9	0797-121316-DF-005-A	12/13/2016	0506	X		DW	X												ſ
10	0797-121316-DF-005-B	12/13/2016	0507	X		DW	X												f
//	0797-121316-DF-006-A	12/13/2016	0508	X		DW	X												(
12	0797-121316-DF-006-B	12/13/2016	0509	X		DW	X												(
****	0797-121316-DF-007-A	12/13/2016	0519	X		DW	X												Name
14	0797-121316-DF-007-В [*]	12/13/2016	0520	X		DW	X												1
15	0797-121316-DF-008-A	12/13/2016	0521	X		DW	X												- Carrier
RELINQUISHED	BY DATE/TIME	4				DATE/TIME				PR	OJEC	T INFO	ORMA	TION				RECEIPT	
"Affers	er 12/13/16 0818	Tuni	&SDE	Ben 1	12/12	3/10/8/18		ECT NA	AME:	D	CSD							Total # of Containers	
2: /		2:			7		PRO.	ECT#:			150	1-160					\dashv $_{\sim}$	Turnaround Time Request	
			-				SITE	ADDRE			797	'							
3:		3:						SEND REPORT TO: Leona Miles and Tim Roye							r	<u> </u>	Next Business Day Rush		
SPECIAL INSTRU	JCTIONS/COMMENTS:	SHIPMENT METHOD OUT / / VIA:						DICE TO IFFERE		OM AE	OVE)						C	Same Day Rush (auth req. Other: 10 business Days)
Preserve at the La	ıb per protocol	IN / VIA: CLIENT FedEx UPS MAIL COURIER						leona-r	niles@	aem-nei	.com;	tim-roy	er@aen	n-net.co	m			E PROGRAM (if any): il? Y/N; Fax? Y/N	-
		GREYHOUND OTHER					QUO	TE #:					PO#:				DAT	A PACKAGE: I II III	IV
	CIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS	AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT					MARI	KED ON	COC	AES V	/1LL 1	PROCE	ED AS	STAN	DARD	гат.	. —		

 $GW = Groundwater \qquad SE = Sediment \qquad SO = Soil \qquad SW = Surface Water \qquad DW = Drinking \ Water \ W = Water \ (BlanDF) \qquad O = Other \ (specify)$ MATRIX CODES: A = Air

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

ANALYTICAL ENVIRONMENTAL SERVICES, INC

Work Order: 1418057

Date: 12/13/16 Page 2 of 5

COMPANY:	Atlanta Environmental Management, Inc 2580 Northeast Expressway Atlanta, GA 30345									A)	NALY	SIS R	EQUE	STED				Visit our website	
			Atlanta, GA	30345			200.8											ww.aesatlanta.com heck on the status of	
PHONE:	(404) 329-9006	FAX:	(404) 329	-2057			ethod						:					r results, place bottle	ainers
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8	0797-121316-DF-012-A	12/13/2016	0537	X		DW	X												١
9	0797-121316-DF-012-B	12/13/2016	0538	X		DW	X						1						
10	0797-121316-DF-013-A	12/13/2016	0539	X		DW	X												1
11	0797-121316-DF-013-В	12/13/2016	0540	X		DW	X							<u> </u>					1
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Preserve at the La	ab ner pratacal	IN /	OUT / / VIA: IN / / VIA:						leona-miles@aem-net.com; tim-royer@aem-net.com								STAT	E PROGRAM (if any):	
r reserve at the L	ao per protocor	3	NT FedEx U		il cot	JRIER									E-mail? Y/N; Fax? Y/N				
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GW = Groundwater SE = Sediment SO = Soil SW = Surface Water DW=Drinking Water W = Water (BlanDF) O = Other (specify) MATRIX CODES: A = Air

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

CHAIN OF CUSTODY

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

Work Order: 1413157

Date: \(\frac{72/13/16}{2} \) Page \(\frac{3}{2} \) of \(\frac{5}{2} \)

COMPANY:	Atlanta Environmental Management, Inc Address: 2580 Northeast Expressway, Atlanta, GA 30345									A)	NALYS	IS REG	QUES	ΓED			Visi	it our website	
			Atlanta, GA	30345			200.8										. —	aesatlanta.com k on the status of	
PHONE:	(404) 329-9006	FAX:	(404) 329	<i>i</i> -2057	7		ethod										your re	sults, place bottle	1 . 1
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1	0797-121316-DF-015-B	12/13/2016	0534	X		DW	X												(
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10	0797-121316-DF-020-A	12/13/2016	0526	X		DW	$\sqrt{}$			\top	\top	\Box	\sqcap						
11	0797-121316-DF-020-B	12/13/2016	0527	X		DW	V	\sqcap							\top		†		
12	0797-121316-DF-021-A	12/13/2016	0556	X		DW	X	\Box	\top	\top	1	\dagger	\neg		\top	1			
13	0797-121316-DF-021-B	12/13/2016	0557	X		DW		$\overline{}$	-	\top	1	1	\neg	\top	+		1.		
14	0797-121316-DF-022-A	12/13/2016	0553	X		DW	Ŷ	一	\top	\top	\top	1				1			
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reserve at the L	Lab per protocol	IN / / VIA: CLIENT FedEx UPS MAIL COURIER						leona-r	miles@a	aem-net	.com; tir	n-royer	@aem-	net.com			STATE PROC	GRAM (if any):	
***************************************		GREYHOUND OTHER						ΓE #:					PO#:				DATA PAC		IV
AMPLES REC	CEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS F	YECEINED ON .	THE NEXT BUS	SINESS I	DAY; IF I	NO TAT IS I	MARK	ED O	N COC.	AES W	ILL PF	COCEE	D AS	STAND	ARD T	T.			
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MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water DW=Drinking Water W = Water (Blanks) O = Other (specify) PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None Page 4 of 73

ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

Work Order: 1418057

AES

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

e: 12/13/16 Page 4 of 5

COMPANY:	Atlanta Environmental Management, Inc	ADDRESS: 2580 Northeast Expressway, NE Atlanta, GA 30345								A	NAL	YSIS	REQU	JESTE	ED			Visit our website	
	And the second s			_	71 C33 W 2	.y, 11.D	8.0				T							www.aesatlanta.com	
PHONE:	(404) 329-9006	FAX:	(404) 329	-2057	7		hod 20											to check on the status o your results, place bottl	
SAMPLED BY:	and Trucen	SIGNATURE:	W. D. 1-				Total Pb Method 200.8											orders, etc.	No # of Containers
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#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	ī				RESE	RVAT	ION (S	ee cod	es)	ТТ	T	REMARKS	
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4	0797-121316-DF-024-B	12/13/2016	0538	X		DW	X												1
5	0797-121316-DF-025-A	12/13/2016	0546	X		DW	Χ												(Barel)
6	0797-121316-DF-025-B	12/13/2016	0547	X		DW	X												
7	0797-121316-DF-026-A	12/13/2016	0548	X		DW	X												1
8	0797-121316-DF-026-B	12/13/2016	0549	X		DW	X												ŝ.
9	0797-121316-RS-001-A	12/13/2016	0552	X		DW	X					1	T						
10	0797-121316-RS-001-В	12/13/2016	0553	X		DW	V												1
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12	0797-121316-RS-002-B	12/13/2016	0514	X		DW	X												(
13	0797-121316-RS-003-A	12/13/2016	0529	X		DW	X					ヿ							1
14	0797-121316-RS-003-B	12/13/2016	0530	X		DW	X												1
15	0797-121316-CS-001-A	12/13/2016	0512	X		DW	X					ı				111			(
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MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water DW=Drinking Water W = Water (Blanks) O = Other (specify)

Page 5 of 73

ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

Work Order: 1418657

Date: 1413/16 Page 5 of 5

COMPANY:	OMPANY: Atlanta Environmental Management, Inc		ADDRESS: 2580 Northeast Expressway, NE								ANA	LYSIS	Visit our website							
		Atlanta, GA 30345																	www.aesatlanta.com to check on the status of	
PHONE:	(404) 329-9006		FAX: (404) 329-2057																your results, place bottle	i
SAMPLED BY:	Andy Tensen	SIGNATURE: Messer					Total Pb Method 200.8												orders, etc.	No # of Containers
#	SAMPLE ID	SAMPLED		site		des)	Tota				PRFSI	FRVAT	ATION (See codes)							No # 0N
,,	SAMEL ID	DATE	TIME	Grab		Matrix (See codes)	I												REMARKS	
1	0797-121316-CS-001-B	12/13/2016	0513	X		DW	X							T						1
2	0797-121316-CS-002-A	12/13/2016	0514	X		DW	X													
3	0797-121316-CS-002-B	12/13/2016	0516	X		DW	X													and the same of
4	0797-121316-CS-002-C	12/13/2016	0515	Х		DW	X													, erentte.
5	0797-121316-IM-001-A	12/13/2016	0508	X		DW	X													· Salara ·
6	0797-121316-SC-001-A	12/13/2016	0 509	Х		DW	X													in the state of
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Herry 12/13/16 08/8		Famasolae Holyese						ROJECT NAME: DCSD											Total # of Containers	
2: /		2:						ECT#			1	561-1		Turnaround Time Request						
3:	William Control of the Control of th	3.						ADDR	RESS:			7		Standard 5 Business Days						
		-						END REPORT TO: Leona Miles and Tim Royer											2 Business Day Rush Next Business Day Rush	
SPECIAL INSTRU	JCTIONS/COMMENTS:	SHIPMENT METHOD OUT / / VIA:						ICE T	O: ENT F					Same Day Rush (auth req. Other: 10 business Days)					
Preserve at the L	ab per protocol	IN / / VIA: (LIENT FedEx UPS MAIL COURIER						leona-miles@aem-net.com; tim-royer@aem-net.com											STATE PROGRAM (if any): E-mail? Y/N; Fax? Y/N DATA PACKAGE: I II III IV	
		GREYHOUND OTHER						QUOTE #: PO#:												
SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT. SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.																				

MATRIX CODES: A = AirGW = Groundwater SE = Sediment SO = Soil SW = Surface Water DW=Drinking Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = lce only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

Page 6 of 73

Client:Atlanta Environmental MgmtClient Sample ID:0797-121316-DF-001-AProject Name:DCSD - 0797Collection Date:12/13/2016 5:27:00 AMLab ID:1612C51-001Matrix:Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E2	200.2)			
Lead		BRL	1.00		ug/L	235661	. 1	12/31/2016 17:30	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-001-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:28:00 AM

 Lab ID:
 1612C51-002
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235661 12/31/2016 18:02 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-002-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:29:00 AM

Lab ID: 1612C51-003 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235661	1	12/31/2016 18:08	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative
NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-002-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:30:00 AM

 Lab ID:
 1612C51-004
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235661 12/31/2016 18:15 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

Less than Result value

NC Not confirmed

Estimated value detected below Reporting Limit

Page 10 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-003-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:21:00 AM

 Lab ID:
 1612C51-005
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235661 12/31/2016 18:21 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 11 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-003-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:22:00 AM

 Lab ID:
 1612C51-006
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235661 12/31/2016 18:28 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 12 of 73

Client Sample ID: 0797-121316-DF-004-A **Client:** Atlanta Environmental Mgmt Project Name: DCSD - 0797 **Collection Date:** 12/13/2016 5:23:00 AM Lab ID:

1612C51-007 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235661	. 1	12/31/2016 18:47	JR

Date:

4-Jan-17

Qualifiers:

Value exceeds maximum contaminant level

BRL Below reporting limit

Н Holding times for preparation or analysis exceeded

Analyte not NELAC certified

Analyte detected in the associated method blank

Greater than Result value

E Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

Narr See case narrative

Not confirmed

Less than Result value

Estimated value detected below Reporting Limit

Page 13 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-004-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:24:00 AM

 Lab ID:
 1612C51-008
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235661 12/31/2016 18:53 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 14 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-005-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:06:00 AM

Lab ID: 1612C51-009 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	1.27	1.00		ug/L	235661	1	12/31/2016 18:59	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 15 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-005-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:07:00 AM

 Lab ID:
 1612C51-010
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2)1.98 1.00 ug/L 235661 12/31/2016 19:06 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 16 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-006-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:08:00 AM

Lab ID: 1612C51-011 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	1.61	1.00		ug/L	235661	1	12/31/2016 17:49	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 17 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-006-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:09:00 AM

Lab ID:1612C51-012Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	1.52	1.00		ug/L	235661	1	12/31/2016 19:12	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 18 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-007-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:19:00 AM

 Lab ID:
 1612/051 012
 Matrix:
 Driphing Weter

Lab ID:1612C51-013Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	(00.2)			
Lead	BRL	1.00		ug/L	235661	1	12/31/2016 19:18	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 19 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-007-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:20:00 AM

 Lob ID:
 16/12/51 014
 Mactrice
 Drinking Water

Lab ID: 1612C51-014 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	1.17	1.00		ug/L	235661	1	12/31/2016 19:25	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 20 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-008-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:21:00 AM

 Lob ID:
 Matrix:
 Designing Water

Lab ID: 1612C51-015 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	1.13	1.00		ug/L	235661	1	12/31/2016 19:31	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 21 of 73

Client:Atlanta Environmental MgmtClient Sample ID:0797-121316-DF-008-BProject Name:DCSD - 0797Collection Date:12/13/2016 5:22:00 AMLab ID:1612C51-016Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E20	0.8			(E 2	200.2)			
Lead	1.51	1.00		ug/L	235661	. 1	12/31/2016 19:37	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 22 of 73

Client Sample ID: 0797-121316-DF-011-A **Client:** Atlanta Environmental Mgmt Project Name: DCSD - 0797 **Collection Date:** 12/13/2016 5:35:00 AM Lab ID:

1612C51-017 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	(00.2)			
Lead	3.36	1.00		ug/L	235661	1	12/31/2016 19:44	JR

Date:

4-Jan-17

Qualifiers:

Value exceeds maximum contaminant level

BRL Below reporting limit

Н Holding times for preparation or analysis exceeded

Analyte not NELAC certified

Analyte detected in the associated method blank

Greater than Result value

E Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

Narr See case narrative

Not confirmed

Less than Result value

Estimated value detected below Reporting Limit

Page 23 of 73

Client:Atlanta Environmental MgmtClient Sample ID:0797-121316-DF-011-BProject Name:DCSD - 0797Collection Date:12/13/2016 5:36:00 AMLab ID:1612C51-018Matrix:Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2)8.36 1.00 ug/L 235661 12/31/2016 20:03 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 24 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-012-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:37:00 AM

Lab ID:1612C51-019Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	6.45	1.00		ug/L	235661	1	12/31/2016 20:09	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 25 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-012-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:38:00 AM

 Lab ID:
 1612C51-020
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2)7.24 1.00 ug/L 235661 12/31/2016 20:16 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 26 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-013-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:39:00 AM

 Lob ID:
 16/12/51 021
 Matrix:
 Drighting Water

Lab ID:1612C51-021Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235663	1	12/31/2016 20:35	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative
NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 27 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-013-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:40:00 AM

 Lab ID:
 1612C51-022
 Matrix:
 Drinking Water

Analyses Result Reporting Limit Qual Units BatchID Factor Date Analyzed Analyst

Date:

4-Jan-17

JR

 Limit
 Factor

 Trace Elements by ICP/MS
 E200.8
 (E200.2)

 Lead
 BRL
 1.00
 ug/L
 235663
 1
 12/31/2016 21:19

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 28 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-014-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:41:00 AM

Lab ID: 1612C51-023 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235663	1	12/31/2016 21:25	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 29 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-014-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:42:00 AM

 Lab ID:
 1612C51-024
 Matrix:
 Drinking Water

Analyses Result Reporting Qual Units BatchID Factor Date Analysed Analyst

Date:

4-Jan-17

Trace Elements by ICP/MS E200.8 (E200.2)

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 30 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-014-C

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:43:00 AM

 Lab ID:
 1612C51-025
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235663 12/31/2016 21:38 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-015-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:33:00 AM

 Lab ID:
 1612C51-026
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235663 12/31/2016 21:45 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 32 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-015-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:34:00 AM

 Lob ID:
 1612(5) 027
 Matrix:
 Drighting Water

Lab ID: 1612C51-027 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235663	1	12/31/2016 21:51	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 33 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-016-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:35:00 AM

Lab ID: 1612C51-028 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	1.07	1.00		ug/L	235663	1	12/31/2016 21:57	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 34 of 73

Lead

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-016-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:36:00 AM

 Lab ID:
 1612C51-029
 Matrix:
 Drinking Water

 BRL

Analyses Result Reporting Qual Units BatchID Dilution Factor Date Analyzed Analyst

Trace Elements by ICP/MS E200.8 (E200.2)

1.00

ug/L

235663

Date:

4-Jan-17

12/31/2016 22:04

JR

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 35 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-017-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:20:00 AM

 Lab ID:
 1612C51-030
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235663 12/31/2016 22:10 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 36 of 73

Client:Atlanta Environmental MgmtClient Sample ID:0797-121316-DF-017-BProject Name:DCSD - 0797Collection Date:12/13/2016 5:21:00 AMLab ID:1612C51-031Matrix:Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235663 12/31/2016 20:54 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 37 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-018-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:22:00 AM

Lab ID: 1612C51-032 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200	.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	235663	1	12/31/2016 22:17	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 38 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-018-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:23:00 AM

 Lab ID:
 1612C51-033
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235663 12/31/2016 22:36 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 39 of 73

Client:Atlanta Environmental MgmtClient Sample ID:0797-121316-DF-019-AProject Name:DCSD - 0797Collection Date:12/13/2016 5:24:00 AMLab ID:1612C51-034Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E2	00.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	235663	1	12/31/2016 22:42	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 40 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-019-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:25:00 AM

 Lab ID:
 1612C51-035
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235663 12/31/2016 22:48 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 41 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-020-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:26:00 AM

Lab ID: 1612C51-036 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235663	1	12/31/2016 22:55	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 42 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-020-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:27:00 AM

 Lab ID:
 1612/051-037
 Matrix:
 Driphing Weter

Lab ID:1612C51-037Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235663	3 1	12/31/2016 23:01	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 43 of 73

Client Sample ID: 0797-121316-DF-021-A **Client:** Atlanta Environmental Mgmt Project Name: DCSD - 0797 **Collection Date:** 12/13/2016 5:56:00 AM Lab ID:

1612C51-038 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235663	1	12/31/2016 23:07	JR

Date:

4-Jan-17

Qualifiers:

Value exceeds maximum contaminant level

BRL Below reporting limit

Н Holding times for preparation or analysis exceeded

Analyte not NELAC certified

Analyte detected in the associated method blank

Greater than Result value

E Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

Narr See case narrative

Not confirmed

Less than Result value

Estimated value detected below Reporting Limit

Page 44 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-021-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:57:00 AM

 Lob ID:
 16/12/51 030
 Matrix:
 Drighting Water

Lab ID: 1612C51-039 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E 2	200.2)			
Lead	BRL	1.00		ug/L	235663	1	12/31/2016 23:14	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 45 of 73

Client Sample ID: 0797-121316-DF-022-A **Client:** Atlanta Environmental Mgmt Project Name: DCSD - 0797 **Collection Date:** 12/13/2016 5:53:00 AM Lab ID:

1612C51-040 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E20	00.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	235663	1	12/31/2016 23:20	JR

Date:

4-Jan-17

Qualifiers:

Value exceeds maximum contaminant level

BRL Below reporting limit

Н Holding times for preparation or analysis exceeded

Analyte not NELAC certified

Analyte detected in the associated method blank

Greater than Result value

E Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

Narr See case narrative

Not confirmed

Less than Result value

Estimated value detected below Reporting Limit

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 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-022-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:54:00 AM

 Lab ID:
 1612C51-041
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235664 12/31/2016 23:52 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 47 of 73

Client Sample ID: 0797-121316-DF-023-A **Client:** Atlanta Environmental Mgmt Project Name: DCSD - 0797 **Collection Date:** 12/13/2016 5:35:00 AM Lab ID:

1612C51-042 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235664	1	01/01/2017 00:24	JR

Date:

4-Jan-17

Qualifiers:

Value exceeds maximum contaminant level

BRL Below reporting limit

Н Holding times for preparation or analysis exceeded

Analyte not NELAC certified

Analyte detected in the associated method blank

Greater than Result value

E Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

Narr See case narrative

Not confirmed

Less than Result value

Estimated value detected below Reporting Limit

Page 48 of 73

Client Sample ID: 0797-121316-DF-023-B **Client:** Atlanta Environmental Mgmt Project Name: DCSD - 0797 **Collection Date:** 12/13/2016 5:36:00 AM Lab ID:

1612C51-043 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235664	1	01/01/2017 00:30	JR

Date:

4-Jan-17

Qualifiers:

Value exceeds maximum contaminant level

BRL Below reporting limit

Н Holding times for preparation or analysis exceeded

Analyte not NELAC certified

Analyte detected in the associated method blank

Greater than Result value

E Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

Narr See case narrative

Not confirmed

Less than Result value

Estimated value detected below Reporting Limit

Page 49 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-024-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:37:00 AM

Lab ID:1612C51-044Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235664	. 1	01/01/2017 00:36	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 50 of 73

Client Sample ID: 0797-121316-DF-024-B **Client:** Atlanta Environmental Mgmt Project Name: DCSD - 0797 **Collection Date:** 12/13/2016 5:38:00 AM Lab ID:

1612C51-045 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	(00.2)			
Lead	BRL	1.00		ug/L	235664	. 1	01/01/2017 00:43	JR

Date:

4-Jan-17

Qualifiers:

Value exceeds maximum contaminant level

BRL Below reporting limit

Н Holding times for preparation or analysis exceeded

Analyte not NELAC certified

Analyte detected in the associated method blank

Greater than Result value

E Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

Narr See case narrative

Not confirmed

Less than Result value

Estimated value detected below Reporting Limit

Page 51 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-025-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:46:00 AM

 Lab ID:
 1612/51 046
 Matrix:
 Driphing Weter

Lab ID:1612C51-046Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235664	1	01/01/2017 00:49	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 52 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-025-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:47:00 AM

Lab ID:1612C51-047Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235664	1	01/01/2017 01:08	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 53 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-026-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:48:00 AM

 Lob ID:
 1612/51 048
 Matrix:
 Driphing Water

Lab ID:1612C51-048Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235664	1	01/01/2017 01:15	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 54 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-DF-026-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:49:00 AM

 Lab ID:
 1612/051 040
 Matrix:
 Driphing Weter

Lab ID:1612C51-049Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235664	. 1	01/01/2017 01:21	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 55 of 73

Client Sample ID: 0797-121316-RS-001-A **Client:** Atlanta Environmental Mgmt Project Name: DCSD - 0797 **Collection Date:** 12/13/2016 5:52:00 AM Lab ID:

1612C51-050 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	1.64	1.00		ug/L	235664	1	01/01/2017 01:27	JR

Date:

4-Jan-17

Qualifiers:

Value exceeds maximum contaminant level

BRL Below reporting limit

Н Holding times for preparation or analysis exceeded

Analyte not NELAC certified

Analyte detected in the associated method blank

Greater than Result value

E Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

Narr See case narrative

Not confirmed

Less than Result value

Estimated value detected below Reporting Limit

Page 56 of 73

Lead

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-RS-001-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:53:00 AM

 Lab ID:
 1612C51-051
 Matrix:
 Drinking Water

 BRL

Analyses Result Reporting Qual Units BatchID Dilution Factor Date Analysed Analyst

Trace Elements by ICP/MS E200.8 (E200.2)

1.00

ug/L

235664

Date:

4-Jan-17

01/01/2017 00:11

JR

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Page 57 of 73

Atlanta Environmental Mgmt **Client Sample ID:** 0797-121316-RS-002-A **Client:** 12/13/2016 5:13:00 AM Project Name: DCSD - 0797 **Collection Date:** Lab ID:

1612C51-052 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235664	1	01/01/2017 01:34	JR

Date:

4-Jan-17

Qualifiers:

Value exceeds maximum contaminant level

BRL Below reporting limit

Н Holding times for preparation or analysis exceeded

Analyte not NELAC certified

Analyte detected in the associated method blank

Greater than Result value

E Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

Narr See case narrative

Not confirmed

Less than Result value

Estimated value detected below Reporting Limit

Page 58 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-RS-002-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:14:00 AM

 Lob ID:
 1612(5) 1052
 Mactrice
 Drinking Water

Lab ID: 1612C51-053 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8	3			(E2	200.2)			
Lead	BRL	1.00		ug/L	235664	1	01/01/2017 01:40	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 59 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-RS-003-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:29:00 AM

 Lab ID:
 1612C51-054
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2)2.77 1.00 ug/L 235664 01/01/2017 01:46 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 60 of 73

Client Sample ID: 0797-121316-RS-003-B **Client:** Atlanta Environmental Mgmt Project Name: DCSD - 0797 **Collection Date:** 12/13/2016 5:30:00 AM

Lab ID: 1612C51-055 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	(00.2)			
Lead	BRL	1.00		ug/L	235664	. 1	01/01/2017 01:53	JR

Date:

4-Jan-17

Qualifiers:

Value exceeds maximum contaminant level

BRL Below reporting limit

Н Holding times for preparation or analysis exceeded

Analyte not NELAC certified

Analyte detected in the associated method blank

Greater than Result value

E Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

Narr See case narrative Not confirmed

Less than Result value

Estimated value detected below Reporting Limit

Page 61 of 73

Lead

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-CS-001-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:12:00 AM

 Lab ID:
 1612C51-056
 Matrix:
 Drinking Water

 BRL

Analyses Result Reporting Qual Units BatchID Dilution Factor Date Analyzed Analyst

Trace Elements by ICP/MS E200.8 (E200.2)

1.00

ug/L

235664

Date:

4-Jan-17

01/01/2017 01:59

JR

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 62 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-CS-001-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:13:00 AM

 Lab ID:
 1612C51-057
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235664 01/01/2017 02:06 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 63 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-CS-002-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:14:00 AM

Lab ID:1612C51-058Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	1.56	1.00		ug/L	235664	1	01/01/2017 02:25	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 64 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-CS-002-B

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:16:00 AM

 Lab ID:
 1612C51-059
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) BRL 1.00 ug/L 235664 01/01/2017 02:31 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 65 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-CS-002-C

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:15:00 AM

 Lab ID:
 1612C51-060
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2)1.58 1.00 ug/L 235664 01/01/2017 02:37 JR Lead

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 66 of 73

Client:Atlanta Environmental MgmtClient Sample ID:0797-121316-IM-001-AProject Name:DCSD - 0797Collection Date:12/13/2016 5:08:00 AMLab ID:1612C51-061Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E	2200.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	235775	1	01/04/2017 03:12	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Page 67 of 73

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-121316-SC-001-A

 Project Name:
 DCSD - 0797
 Collection Date:
 12/13/2016 5:09:00 AM

 Lob ID:
 1612(5) 062
 Mactrice
 Drinking Water

Lab ID: 1612C51-062 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	235775	1	01/04/2017 03:15	JR

Date:

4-Jan-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

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Sample/Cooler Receipt Checklist

Client AEM		Work Order	Number	1413057
Checklist completed by Hull Male Date	13/2014 e			·
Carrier name: FedEx UPS Courier Client U	S Mail Othe	er		
Shipping container/cooler in good condition?	Yes _	No	Not Present	
Custody seals intact on shipping container/cooler?	Yes	No	Not Present	:
Custody seals intact on sample bottles?	Yes	No	Not Present	:
Container/Temp Blank temperature in compliance? (0°≤6°C		No		
Cooler #1 3.0°C Cooler #2 3.7°C Cooler #3	Cooler #4 _	Coo	oler#5	Cooler #6
Chain of custody present?	Yes	No		
Chain of custody signed when relinquished and received?	Yes V	No		
Chain of custody agrees with sample labels?	Yes _	No		
Samples in proper container/bottle?	Yes 🗸	No		
Sample containers intact?	Yes 🗸	No		
Sufficient sample volume for indicated test?	Yes _	No		
All samples received within holding time?	Yes 🗸	No		
Was TAT marked on the COC?	Yes _	No		
Proceed with Standard TAT as per project history?	Yes	No _	Not Appl	icable
Water - VOA vials have zero headspace? No VOA vials	submitted	Yes _	No _	
Water - pH acceptable upon receipt?	Yes	No 🔽	Not Appl	licable
Adjusted?	CI	hecked by	#1	
Sample Condition: Good Other(Explain)				•
(For diffusive samples or AIHA lead) Is a known blank inc	luded? Y	es	No 🔽	

See Case Narrative for resolution of the Non-Conformance.

\\Aes_server\I\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample_Cooler_Recipt_Checklist_Rev1.rtf

^{*} Samples do not have to comply with the given range for certain parameters.

Client: Atlanta Environmental Mgmt

Project Name: DCSD - 0797 **Workorder:** 1612C51

ANALYTICAL QC SUMMARY REPORT

Date:

4-Jan-17

BatchID: 235661

Sample ID: MB-235661	Client ID:				Uni		Prep Date:	12/30/2016	Run No: 333396
SampleType: MBLK	TestCode:	Trace Elements by ICP/M	1S E200.8		Bato	chID: 235661	Analysis D	ate: 12/31/2016	Seq No: 7266700
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPI	Ref Val %R	PD RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-235661	Client ID:				Uni	ts: ug/L	Prep Date:	12/30/2016	Run No: 333396
SampleType: LCS	TestCode:	Trace Elements by ICP/M	1S E200.8		Bato	chID: 235661	Analysis D	ate: 12/31/2016	Seq No: 7266701
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPI	Ref Val %R	PD RPD Limit Qual
Lead	99.83	1.00	100.0		99.8	85	115		
Sample ID: 1612C51-001AMS		0797-121316-DF-001			Uni	ts: ug/L	Prep Date:	12/30/2016	Run No: 333396
SampleType: MS	TestCode:	Trace Elements by ICP/N	4S E200.8		Bato	chID: 235661	Analysis D	ate: 12/31/2016	Seq No: 7266705
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPI	Ref Val %R	PD RPD Limit Qual
Lead	98.45	1.00	100.0	0.1153	98.3	70	130		
Sample ID: 1612C51-011AMS	Client ID:	0797-121316-DF-006	5-A		Uni	ts: ug/L	Prep Date:	12/30/2016	Run No: 333396
SampleType: MS	TestCode:	Trace Elements by ICP/N	IS E200.8		Bato	chID: 235661	Analysis D	ate: 12/31/2016	Seq No: 7266708
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPI	Ref Val %R	PD RPD Limit Qual
Lead	101.6	1.00	100.0	1.609	100	70	130		
Sample ID: 1612C51-001AMSD	Client ID:	0797-121316-DF-001	1-A		Unit	ts: ug/L	Prep Date:	12/30/2016	Run No: 333396
SampleType: MSD	TestCode:	Trace Elements by ICP/M	1S E200.8		Bato	chID: 235661	Analysis D	ate: 12/31/2016	Seq No: 7266706
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD	Ref Val %R	PD RPD Limit Qual
Lead	99.92	1.00	100.0	0.1153	99.8	70	130 9	8.45	49 20

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

J Estimated value detected below Reporting Limit

< Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

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Client: Atlanta Environmental Mgmt

Project Name: DCSD - 0797 Workorder: 1612C51

ANALYTICAL QC SUMMARY REPORT

Date:

4-Jan-17

BatchID: 235663

Sample ID: MB-235663	Client ID:				Unit	s: ug/L	Prep Date:	12/30/2016	Run No: 333399
SampleType: MBLK	TestCode:	Trace Elements by ICP/N	4S E200.8		Bato	chID: 235663	Analysis Date	12/31/2016	Seq No: 7266813
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD R	ef Val %RPI	O RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-235663	Client ID:				Unit	s: ug/L	Prep Date:	12/30/2016	Run No: 333399
SampleType: LCS	TestCode:	Trace Elements by ICP/M	1S E200.8		Bato	chID: 235663	Analysis Date	12/31/2016	Seq No: 7266814
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD R	ef Val %RPI	D RPD Limit Qual
Lead	100.5	1.00	100.0		100	85	115		
Sample ID: 1612C51-021AMS		0797-121316-DF-013			Unit	s: ug/L	Prep Date:	12/30/2016	Run No: 333399
SampleType: MS	TestCode:	Trace Elements by ICP/M	4S E200.8		Bato	ehID: 235663	Analysis Date	12/31/2016	Seq No: 7266816
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD R	ef Val %RPI	O RPD Limit Qual
Lead	98.99	1.00	100.0	0.1200	98.9	70	130		
Sample ID: 1612C51-031AMS	Client ID:	0797-121316-DF-017	7-B		Unit	s: ug/L	Prep Date:	12/30/2016	Run No: 333399
SampleType: MS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bato	ehID: 235663	Analysis Date	12/31/2016	Seq No: 7266819
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD R	ef Val %RPI	O RPD Limit Qual
Lead	96.08	1.00	100.0	0.7490	95.3	70	130		
Sample ID: 1612C51-021AMSD	Client ID:	0797-121316-DF-013	3-A		Unit	s: ug/L	Prep Date:	12/30/2016	Run No: 333399
SampleType: MSD	TestCode:	Trace Elements by ICP/N	AS E200.8		Bato	ehID: 235663	Analysis Date	12/31/2016	Seq No: 7266817
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD R	ef Val %RPI	O RPD Limit Qual
Lead	100.7	1.00	100.0	0.1200	101	70	130 98.9	9 1.70	20

Qualifiers: Greater than Result value

> BRL Below reporting limit

Estimated value detected below Reporting Limit

N Analyte not NELAC certified Rpt Lim Reporting Limit

S Spike Recovery outside limits due to matrix

E Estimated (value above quantitation range)

Less than Result value

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

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Client: Atlanta Environmental Mgmt

Project Name: DCSD - 0797 Workorder: 1612C51

ANALYTICAL QC SUMMARY REPORT

Date:

4-Jan-17

BatchID: 235664

Sample ID: MB-235664	Client ID:				Uni	ts: ug/L	Prep Date:	12/30/2016	Run No: 333400
SampleType: MBLK	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 235664	Analysis D	ate: 12/31/2016	Seq No: 7266905
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD	Ref Val %F	RPD RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-235664 SampleType: LCS	Client ID: TestCode:	Trace Elements by ICP/N	1S E200.8		Uni Bat	ts: ug/L chID: 235664	Prep Date: Analysis D	12/30/2016 ate: 12/31/2016	Run No: 333400 Seq No: 7266906
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD	Ref Val %F	RPD RPD Limit Qual
Lead	96.45	1.00	100.0		96.4	85	115		
Sample ID: 1612C51-041AMS SampleType: MS		0797-121316-DF-022 Trace Elements by ICP/M			Uni Bat	ts: ug/L chID: 235664	Prep Date: Analysis D	12/30/2016 ate: 12/31/2016	Run No: 333400 Seq No: 7266910
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD	Ref Val %F	RPD RPD Limit Qual
Lead	96.64	1.00	100.0	0.1044	96.5	70	130		
Sample ID: 1612C51-051AMS SampleType: MS		0797-121316-RS-001 Trace Elements by ICP/M			Uni Bat	ts: ug/L chID: 235664	Prep Date: Analysis D	12/30/2016 ate: 01/01/2017	Run No: 333400 Seq No: 7266913
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD	Ref Val %I	RPD RPD Limit Qual
Lead	90.26	1.00	100.0	0.2503	90.0	70	130		
Sample ID: 1612C51-041AMSD SampleType: MSD		0797-121316-DF-022 Trace Elements by ICP/M			Uni Bat	ts: ug/L chID: 235664	Prep Date: Analysis D	12/30/2016 ate: 01/01/2017	Run No: 333400 Seq No: 7266911
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD	Ref Val %I	RPD RPD Limit Qual
Lead	97.78	1.00	100.0	0.1044	97.7	70	130 9	6.64 1	.17 20

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

J Estimated value detected below Reporting Limit

< Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

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Client: Atlanta Environmental Mgmt

Project Name: DCSD - 0797 Workorder: 1612C51

ANALYTICAL QC SUMMARY REPORT

Date:

4-Jan-17

BatchID: 235775

Sample ID: MB-235775	Client ID:				Uni	ts: ug/L	Prep Date:	01/03/2017	Run No: 333494
SampleType: MBLK	TestCode:	Trace Elements by ICP/N	1S E200.8		Bat	chID: 235775	Analysis Date	: 01/04/2017	Seq No: 7269403
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD R	ef Val %RPI	O RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-235775 SampleType: LCS	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bat	ts: ug/L chID: 235775	Prep Date: Analysis Date	01/03/2017 : 01/04/2017	Run No: 333494 Seq No: 7269404
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD R	ef Val %RPI	O RPD Limit Qual
Lead	96.03	1.00	100.0		96.0	85	115		
Sample ID: 1612C37-061AMS SampleType: MS	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bat	ts: ug/L chID: 235775	Prep Date: Analysis Date	01/03/2017 : 01/04/2017	Run No: 333494 Seq No: 7269407
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD R	ef Val %RPI	O RPD Limit Qual
Lead	98.33	1.00	100.0	0.4688	97.9	70	130		
Sample ID: 1612C50-061AMS SampleType: MS	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bat	ts: ug/L chID: 235775	Prep Date: Analysis Date	01/03/2017 : 01/04/2017	Run No: 333494 Seq No: 7269415
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD R	ef Val %RPI	O RPD Limit Qual
Lead	95.64	1.00	100.0	0.1448	95.5	70	130		
Sample ID: 1612C37-061AMSD SampleType: MSD	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bat	ts: ug/L chID: 235775	Prep Date: Analysis Date	01/03/2017 : 01/04/2017	Run No: 333494 Seq No: 7269412
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD R	ef Val %RPI	O RPD Limit Qual
Lead	99.56	1.00	100.0	0.4688	99.1	70	130 98.3	33 1.24	20

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

J Estimated value detected below Reporting Limit

sult value < Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

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Leona Miles

From: NoReply@aesatlanta.net

Sent: Wednesday, May 10, 2017 9:43 AM

To: leona-miles@aem-net.com; tim-royer@aem-net.com

Subject: DCSD- 0797

Attachments: 1704L23_REPORT.pdf; 1704L23Invoice.pdf

Please see attached. If you have any questions or need further assistance please contact your project manager at 770-457-8177.

AES Reporting System

ANALYTICAL ENVIRONMENTAL SERVICES,INC. 3080 Presidential Drive ATLANTA,GA 30340 Tel:770-457-8177 Fax:770-457-8188 http://www.aesatlanta.com

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ANALYTICAL ENVIRONMENTAL SERVICES, INC.



May 10, 2017

Leona Miles Atlanta Environmental Mgmt 2580 NE Expresswav Atlanta GA 30345

TEL: (404) 329-9006 FAX: (404) 329-2057

RE: DCSD-0797

Dear Leona Miles: Order No: 1704L23

Analytical Environmental Services, Inc. received 4 samples on 4/26/2017 8:16:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES's accreditations are as follows:

- -NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17. State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective 07/01/16-06/30/17 and Total Coliforms and E. coli, effective 04/25/17-04/24/20.
- -NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.
- -AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and

Ioana Pacurar

Project Manager

IDana) Pacurar

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

Work Order: 1704 L 23

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

Date: 4/26/17 Page 1 of 1

COMPANY: Attenter Environmental Mana sement, in	ADDRESS: 2580 Northeast expressively, NE						ANALYSIS REQUESTED						Visit our website		
					•	2008								www.aesatlanta.com to check on the status of	
PHONE 404 329-9006	FAX: 404 3	,29-205				14/60								your results, place	1 1
SAMPLED BY: Andy Jensen	SIGNATURE:	29-205 Afersa	<u>8</u>	projection of the second section of		143								bottle orders, etc.	No# of Containers
		MPLED		l	rix odes)	3		וממ	ECEDIA	TON	2				No # 0
# SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	T		10.	ESERVA	I I I	See codes			REMARKS	
1 0797-042617-DF-009-A	4126117	0504	X		DW	X									į
	4126/17		X		DW	X									ì
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4 0797-042617-DF-010-B	4/26/17	0507	X		DW	X									1
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14 RELINQUISHED BY: DATE/TIME:	RECEIVED B	LY:		<u> </u>	DATE/TIME:			l PR	OJECT	INFOR	MATION			RECEIPT	<u> </u>
1:1/2	1:	Delice	o UV			PROJE	CT NAME			2112 020				Total # of Containers	
2: /	2:)	2110	All	019	PROJE	CT#:	1561						Turnaround Time Request	
						SITE A	DDRESS:						anna da	Standard 5 Business Days	
3:	3:								379	•		.4.4.7		2 Business Day Rush	
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT	METHO	.D.		1	REPORT T	ro: im	Koyer	* (.೬೮/೩	Miles		Next Business Day Rush	
Preserve at the lab per Protocol	OUT /	/	VIA:	υ.		(IF DI	FERENT I							Same Day Rush (auth req.)	
1. serve the tab ya Propositi	IN _	\sim	VIA:				miles@ royer							STATE PROGRAM (if any):	
	CLIEN			COU!	RIER	<u> </u>		y a two	-, , , , , ,					E-mail? Fax?	
CAMPLES DESCRIVED A FEED THM OD SATURDAY A DE CONST	L		THER			QUO'		KED ON		DO 13/33	PO#:_	222 400		DATA PACKAGE: 1 O II O III O) IV O
SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSII SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION C							I IS MAK	KED ON	COC AI	ES WIL	L PROCI	LED AS S	TANDARD	Page 2 of 9	

Client:Atlanta Environmental MgmtClient Sample ID:0797-042617-DF-009-AProject Name:DCSD- 0797Collection Date:4/26/2017 5:04:00 AMLab ID:1704L23-001Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E20	0.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	242102	2 1	05/04/2017 20:56	JR

Date:

10-May-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-042617-DF-009-B

 Project Name:
 DCSD- 0797
 Collection Date:
 4/26/2017 5:05:00 AM

 Lab ID:
 1704L23-002
 Matrix:
 Drinking Water

Analyses		Result	Result Reporting Qual Units BatchID Factor						Analyst
Trace Elements by ICP/MS	E200.8				(E 2	200.2)			
Lead		BRL	1.00		ug/L	242102	1	05/04/2017 21:40	JR

Date:

10-May-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0797-042617-DF-010-A

 Project Name:
 DCSD- 0797
 Collection Date:
 4/26/2017 5:06:00 AM

 Lab ID:
 1704L23-003
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual Unit	ts Bat	tchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E200.2)			
Lead	BRL	1.00	u	ıg/L	242102	1	05/04/2017 21:47	JR

Date:

10-May-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

NC Not confirmed

< Less than Result value

Estimated value detected below Reporting Limit

Client:Atlanta Environmental MgmtClient Sample ID:0797-042617-DF-010-BProject Name:DCSD- 0797Collection Date:4/26/2017 5:07:00 AMLab ID:1704L23-004Matrix:Drinking Water

Analyses		Result	t Reporting Qual Units Limit			BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				(E 2	200.2)			
Lead		BRL	1.00		ug/L	242102	. 1	05/04/2017 21:53	JR

Date:

10-May-17

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit



SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name:				AES Work Order Numbe	r:
2. Carrier: FedEx UPS USPS Client Courier Other					
	Yes	No	N/A	Details	Comments
3. Shipping container/cooler received in good condition?	Т		<u> </u>	damaged leaking other	
4. Custody seals present on shipping container?	+				
5. Custody seals intact on shipping container?					
6. Temperature blanks present?	1				
Cooler temperature(s) within limits of 0-6°C2 [See item 13 and 14 for	+			Cooling initiated for recently collected samples / ice	
7. temperature recordings.]				present	
8. Chain of Custody (COC) present?	1				
9. Chain of Custody signed, dated, and timed when relinquished and received	?				
10. Sampler name and/or signature on COC?					
11. Were all samples received within holding time?					
12. TAT marked on the COC?	+			If no TAT indicated, proceeded with standard TAT per Te	erms & Conditions.
					-
13. Cooler 1 Temperature °C Cooler 2 Temperature Cooler 5 Temperature °C Cooler 6 Temperature			°C	Cooler 3 Temperature °C Coole	er 4 Temperature°C
Cooler 5 Temperature °C Cooler 6 Temperature			0		8 Temperature °C
			_		
15. Comments:					
				Logrify that I have so	ampleted sections 1 1E (detect initials)
				r certify that I have co	ompleted sections 1-15 (dated initials).
	Yes	No	N/A	Details	Comments
16. Were sample containers intact upon receipt?					
17. Custody seals present on sample containers?					
18. Custody seals intact on sample containers?					
19. Do sample container labels match the COC?				incomplete info illegible	
·				no label Other	
20. Are analyses requested indicated on the COC?					
21. Were all of the samples listed on the COC received?				samples received but not listed on COC	
21. Were all of the samples listed on the Coc received:				samples listed on COC not received	
22. Was the sample collection date/time noted?					
23. Did we receive sufficient sample volume for indicated analyses?					
24. Were samples received in appropriate containers?					
25. Were VOA samples received without headspace (< 1/4" bubble)?	T				
26. Were trip blanks submitted?				listed on COC not listed on COC	
27. Comments:			3		
				to all the the	
				·	ompleted sections 16-27 (dated initials).
	Yes	No	N/A	Details T	Comments
28. Have containers needing chemical preservation been checked?	+]	 		
29. Containers meet preservation guidelines?	+]	 		
30. Was pH adjusted?					

Client: Atlanta Environmental Mgmt

Project Name: DCSD- 0797
Workorder: 1704L23

ANALYTICAL QC SUMMARY REPORT

Date:

10-May-17

BatchID: 242102

Sample ID: MB-242102	Client ID:				Uni	ts: ug/L	Prep Date:	05/04/2017	Run No: 342314
SampleType: MBLK	TestCode:	Trace Elements by ICP/M	1S E200.8		Bat	chID: 242102	Analysis Date: (05/04/2017	Seq No: 7499388
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ref	Val %RPD	RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-242102	Client ID:				Uni		1	05/04/2017	Run No: 342314
SampleType: LCS	TestCode:	Trace Elements by ICP/M	1S E200.8		Bat	chID: 242102	Analysis Date: (05/04/2017	Seq No: 7499389
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ref	Val %RPD	RPD Limit Qual
Lead	100.3	1.00	100.0		100	85	115		
Sample ID: 1704L23-001AMS		0797-042617-DF-009			Uni	ts: ug/L	•	05/04/2017	Run No: 342314
SampleType: MS	TestCode:	Trace Elements by ICP/M	1S E200.8		Bat	chID: 242102	Analysis Date: (05/04/2017	Seq No: 7499391
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ref	Val %RPD	RPD Limit Qual
Lead	102.8	1.00	100.0	0.3414	102	70	130		
Sample ID: 1704L25-067AMS	Client ID:				Uni	ts: ug/L	Prep Date:	05/04/2017	Run No: 342314
SampleType: MS	TestCode:	Trace Elements by ICP/M	1S E200.8		Bat	chID: 242102	Analysis Date: (05/04/2017	Seq No: 7499396
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ref	Val %RPD	RPD Limit Qual
Lead	101.3	1.00	100.0	0.5011	101	70	130		
Sample ID: 1704L23-001AMSD		0797-042617-DF-009			Uni	ts: ug/L	Prep Date:	05/04/2017	Run No: 342314
SampleType: MSD	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 242102	Analysis Date: (05/04/2017	Seq No: 7499394
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ref	Val %RPD	RPD Limit Qual
Lead	98.82	1.00	100.0	0.3414	98.5	70	130 102.8	3.92	20

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

J Estimated value detected below Reporting Limit

< Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

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May 19, 2017

Via E-Mail: Joshua_I_williams@dekalbschoolsga.org

Mr. Joshua L. Williams, MBA, MSM, PMP Chief Operations Officer DeKalb County School District Operations Division Sam Moss Service Center 1780 Montreal Road Tucker, Georgia 30084

Re: Summary of Additional Lead in Drinking Water Sample Results Henderson Middle School (Facility ID #0797) 2830 Henderson Middle Road, Atlanta, Georgia 30341 AEM Project No. 1561-1601

Dear Mr. Williams:

Atlanta Environmental Management, Inc. (AEM) is pleased to provide the DeKalb County School District (DCSD) an electronic copy of the Lead in Drinking Water Sample Results for Henderson Middle School (Facility ID #0797). Additional drinking water samples from select source units were collected on April 26, 2017, and analytical results were received from Analytical Environmental Services, Inc., on May 10, 2017.

FINDINGS

Initial Sample Results of Previously Identified Inoperable Source Units

During the initial sampling event on December 13, 2016, two source units were inoperable and could not be sampled. DCSD made repairs to the inoperable source units and AEM collected four drinking water samples from these units on April 26, 2017. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 1.

None of the samples collected from the source unit had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 ppb.

Mr. Joshua Williams—DeKalb County School District May 19, 2017 Page 2

We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

Sincerely,

Atlanta Environmental Management, Inc.

Leona Miles, CHMM Senior Project Manager

Janet T. Hart President

/krf

cc: Daniel Drake (DCSD)

Tracee Hill (DCSD)

Sandra Glenn (DeKalb County Watershed Management)

Ryan Cira (DeKalb Board of Health)

Attachment: Table

Table 1. Summary of Additional Lead in Drinking Water Laboratory Analytical Results

Henderson Middle School



2830 Henderson Mill Road, Atlanta, GA 30341

Sample ID*/**	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0797-042617-DF-009-A	Initial Draw sample; Left Drinking Fountain outside Boy's RR/Rm 215.3	4/26/17 5:04 AM	None Detected
0797-042617-DF-009-B	Flush sample; Left Drinking Fountain outside Boy's RR/Rm 215.3	4/26/17 5:05 AM	None Detected
0797-042617-DF-010-A	Initial Draw sample; Right Drinking Fountain outside Boy's RR/Rm 215.3	4/26/17 5:06 AM	None Detected
0797-042617-DF-010-B	Flush sample; Right Drinking Fountain outside Boy's RR/Rm 215.3	4/26/17 5:07 AM	None Detected

Notes:

ppb-parts per billion

Bold-Exceeds 15 ppb--EPA's

Action Level for Lead

^{*} Note--Where "A" and "B" are indicated, AEM collected two samples at each source area location: ("A") initial draw sample; and ("B") after a 30-second flush sample

^{**} Source unit was inoperable on the initial test date (12/13/16). The above summarizes the results of the initial testing of this unit post-repair