

March 8, 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: Lead in Drinking Water Sample Results
Lakeside High School (Facility ID #3060)
3801 Briarcliff Road, NE, 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 Lakeside High School (Facility ID #3060). Samples were collected on January 31, 2017, and February 17, 2017. Laboratory analytical results were received from Analytical Environmental Services, Inc., on February 14, 2017, and March 6, 2017.

#### **FINDINGS**

AEM collected 119 drinking water samples from 60 sources at Lakeside High School (Facility ID #3060), 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

### **Lakeside High School**



			Lead Test
Sample ID*	Sample Location Description	Sample Date & Time	Results (ppb)
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway outside		
3060-021717-DF-002-A	of Gym Rm 2502	2/17/17 5:24 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway outside of Gym		
3060-021717-DF-002-B	Rm 2502	2/17/17 5:25 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway to right		
3060-021717-DF-003-A	of Rm 2412	2/17/17 5:10 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway to right of Rm		
3060-021717-DF-003-B	2412	2/17/17 5:11 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway to right of		
3060-021717-DF-004-A	Rm 2412	2/17/17 5:07 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway to right of Rm		
3060-021717-DF-004-B	2412	2/17/17 5:09 AM	None Detected
	Initial Draw sample; Elkay Drinking Fountain near front Office main entrance across from		
3060-013117-DF-005-A	Rm 2300	1/31/17 6:22 AM	None Detected
	Flush sample; Elkay Drinking Fountain near front Office main entrance across from Rm		
3060-013117-DF-005-B	2300	1/31/17 6:23 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across		
3060-021717-DF-006-A	from Principal's Office Rm 2010	2/17/17 4:58 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from		
3060-021717-DF-006-B	Principal's Office Rm 2010	2/17/17 4:59 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
3060-021717-DF-007-A	from Principal's Office Rm 2010	2/17/17 5:00 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
3060-021717-DF-007-B	Principal's Office Rm 2010	2/17/17 5:01 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-008-A	from Rm 2205	1/31/17 6:02 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm		
3060-013117-DF-008-B	2205	1/31/17 6:03 AM	None Detected

### **Lakeside High 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 across		
3060-013117-DF-009-A	from Rm 2205	1/31/17 6:04 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
3060-013117-DF-009-B	Rm 2205	1/31/17 6:05 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway next to		
3060-013117-DF-010-A	Rm 2405	1/31/17 5:25 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway next to Rm		
3060-013117-DF-010-B	2405	1/31/17 5:26 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway next to		
3060-013117-DF-011-A	Rm 2405	1/31/17 5:23 AM	None Detected
3060-013117-DF-011-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway next to Rm 2405	1/31/17 5:24 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-012-A	from Cafeteria Rm 2101	1/31/17 5:46 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from		
3060-013117-DF-012-B	Cafeteria Rm 2101	1/31/17 5:47 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-013-A	from Cafeteria Rm 2101	1/31/17 5:48 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
3060-013117-DF-013-B	Cafeteria Rm 2101	1/31/17 5:49 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Cafeteria/Rmm		
3060-013117-DF-014-A	2101	1/31/17 5:37 AM	None Detected
3060-013117-DF-014-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Cafeteria/Rm 2101	1/31/17 5:38 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Cafeteria/Rm		
3060-013117-DF-015-A	2101	1/31/17 5:39 AM	None Detected
3060-013117-DF-015-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Cafeteria/Rm 2101	1/31/17 5:40 AM	None Detected

### **Lakeside High 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 across		
3060-013117-DF-016-A	from Rm 2605	1/31/17 6:06 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm		
3060-013117-DF-016-B	2605	1/31/17 6:07 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-017-A	from Rm 2605	1/31/17 6:08 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
3060-013117-DF-017-B	Rm 2605	1/31/17 6:09 AM	None Detected
		. /0.4 /47 7 07 4 4	l
3060-013117-DF-018-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Rm 1712	1/31/17 5:37 AM	None Detected
3060-013117-DF-018-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Rm 1712	1/31/17 5:38 AM	None Detected
3060-013117-DF-019-A	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Rm 1712	1/31/17 5:39 AM	None Detected
3060-013117-DF-019-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Rm 1712	1/31/17 5:40 AM	None Detected
3060-013117-DF-020-A	Initial Draw sample; Lower Left wall mounted Elkay Drinking Fountain in Rm 1708	1/31/17 5:43 AM	None Detected
3060-013117-DF-020-A	Flush sample; Lower Left wall mounted Elkay Drinking Fountain in Rm 1708	1/31/17 5:44 AM	None Detected
3000-013117-01-020-0	Trush sample, Lower Left wan mounted Likay Dinking Fountain in Kin 1706	1/31/17 3.44 AIVI	None Detected
3060-013117-DF-021-A	Initial Draw sample; Upper Right wall mounted Elkay Drinking Fountain in Rm 1708	1/31/17 5:45 AM	None Detected
3060-013117-DF-021-B	Flush sample; Upper Right wall mounted Elkay Drinking Fountain in Rm 1708	1/31/17 5:46 AM	None Detected
3060-013117-DF-022-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Rm 1706	1/31/17 5:48 AM	None Detected
3060-013117-DF-022-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Rm 1706	1/31/17 5:49 AM	None Detected
3060-013117-DF-023-A	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Rm 1706	1/31/17 5:50 AM	None Detected
3060-013117-DF-023-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Rm 1706	1/31/17 5:51 AM	None Detected
0000 010117 D. 020 D	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway outside	2/32/17 3.317((1)	
3060-013117-DF-024-A	Mens RR Rm 1801	1/31/17 6:02 AM	None Detected

### **Lakeside High School**



			Lead Test
Sample ID*	Sample Location Description	Sample Date & Time	Results (ppb)
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway outside Mens		
3060-013117-DF-024-B	RR Rm 1801	1/31/17 6:03 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway outside		
3060-013117-DF-025-A	Mens RR Rm 1801	1/31/17 6:04 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway outside Mens		
3060-013117-DF-025-B	RR Rm 1801	1/31/17 6:05 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway outside		
3060-013117-DF-026-A	Womens RR Rm 1803	1/31/17 6:07 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway outside		
3060-013117-DF-026-B	Womens RR Rm 1803	1/31/17 6:08 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway outside		
3060-013117-DF-027-A	Womens RR Rm 1803	1/31/17 6:09 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway outside		
3060-013117-DF-027-B	Womens RR Rm 1803	1/31/17 6:10 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway outside		
3060-021717-DF-028-A	Weight Room	2/17/17 5:02 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway outside Weight		
3060-021717-DF-028-B	Room	2/17/17 5:03 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway outside		
3060-021717-DF-029-A	Weight Room	2/17/17 5:00 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway outside Weight		
3060-021717-DF-029-B	Room	2/17/17 5:01 AM	None Detected
	Initial Draw sample; Upper Right wall mounted Elkay Drinking Fountain in front Boys Locker		
3060-021717-DF-030-A	Room closest to Weight Room	2/17/17 5:08 AM	None Detected
	Flush sample; Upper Right wall mounted Elkay Drinking Fountain in front Boys Locker		
3060-021717-DF-030-B	Room closest to Weight Room	2/17/17 5:09 AM	None Detected
	Initial Draw sample; Lower Left wall mounted Elkay Drinking Fountain in front Boys Locker		
3060-021717-DF-031-A	Room closest to Weight Room	2/17/17 5:06 AM	None Detected

### **Lakeside High School**



			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Flush sample; Lower Left wall mounted Elkay Drinking Fountain in front Boys Locker Room		
3060-021717-DF-031-B	closest to Weight Room	2/17/17 5:07 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Girls Locker Room		
3060-021717-DF-032-A	closest to Weight Room	2/17/17 4:53 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Girls Locker Room		
3060-021717-DF-032-B	closest to Weight Room	2/17/17 4:54 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Girls Locker		
3060-021717-DF-033-A	Room closest to Weight Room	2/17/17 4:55 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Girls Locker Room		
3060-021717-DF-033-B	closest to Weight Room	2/17/17 4:56 AM	None Detected
3060-013117-DF-034-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Girls Locker Room	1/31/17 6:26 AM	None Detected
3060-013117-DF-034-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Girls Locker Room	1/31/17 6:27 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Girls Locker		
3060-013117-DF-035-A	Room	1/31/17 6:28 AM	None Detected
3060-013117-DF-035-В	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Girls Locker Room	1/31/17 6:29 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Back Boys Locker		
3060-021717-DF-036-A	Room by Rm 1503-A	2/17/17 5:12 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Back Boys Locker Room		
3060-021717-DF-036-B	by Rm 1503-A	2/17/17 5:13 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Boys Locker Room		
3060-013117-DF-037-A	Rm 1503	1/31/17 6:20 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Boys Locker Room Rm		
3060-013117-DF-037-B	1503	1/31/17 6:21 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-038-A	from Rm 1417	1/31/17 6:09 AM	None Detected

### **Lakeside High School**



			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
3060-013117-DF-038-B	Rm 1417	1/31/17 6:10 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-039-A	from Rm 1417	1/31/17 6:11 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm		
3060-013117-DF-039-B	1417	1/31/17 6:12 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-040-A	from Rm 1300-A	1/31/17 6:01 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
3060-013117-DF-040-B	Rm 1300-A	1/31/17 6:02 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-041-A	from Rm 1300-A	1/31/17 6:03 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm		
3060-013117-DF-041-B	1300-A	1/31/17 6:04 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-042-A	from Rm 1410	1/31/17 5:48 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
3060-013117-DF-042-B	Rm 1410	1/31/17 5:49 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-043-A	from Rm 1410	1/31/17 5:50 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm		
3060-013117-DF-043-B	1410	1/31/17 5:51 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-044-A	from Rm 1607	1/31/17 5:31 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm		
3060-013117-DF-044-B	1607	1/31/17 5:32 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-045-A	Rm 1607	1/31/17 5:33 AM	None Detected

### **Lakeside High School**



			Lead Test
			Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
3060-013117-DF-045-B	Rm 1607	1/31/17 5:34 AM	None Detected
3060-013117-RS-001-A	Initial Draw sample; Only sink in Boys RR Rm 2600-F; Sampled left spout	1/31/17 6:11 AM	None Detected
3060-013117-RS-001-B	Flush sample; Only sink in Boys RR Rm 2600-F; Sampled left spout	1/31/17 6:12 AM	None Detected
3060-013117-RS-002-A	Initial Draw sample; Only sink in Boys RR Rm 1600-G; Sampled left faucet	1/31/17 5:37 AM	None Detected
3060-013117-RS-002-B	Flush sample; Only sink in Boys RR Rm 1600-G; Sampled left faucet	1/31/17 5:38 AM	None Detected
3060-013117-RS-003-A	Initial Draw sample; Only sink in Girls RR 1100-B; Sampled far left faucet	1/31/17 5:42 AM	None Detected
3060-013117-RS-003-B	Flush sample; Only sink in Girls RR 1100-B; Sampled far left faucet	1/31/17 5:43 AM	None Detected
3060-013117-CS-001-A	Initial Draw sample; Food Prep sink in back of Kitchen Rm 2103	1/31/17 5:22 AM	1.55
3060-013117-CS-001-B	Flush sample; Food Prep sink in back of Kitchen Rm 2103	1/31/17 5:23 AM	None Detected
3060-013117-CS-002-A	Initial Draw sample; Food Prep sink in center of Kitchen/Rm 2103	1/31/17 5:25 AM	None Detected
3060-013117-CS-002-B	Flush sample; Food Prep sink in center of Kitchen/Rm 2103	1/31/17 5:26 AM	None Detected
3060-013117-CS-003-A	Initial Draw sample; Sink on left side of Rm 2607; Farthest from entrance	1/31/17 5:36 AM	2.27
3060-013117-CS-003-B	Flush sample; Sink on left side of Rm 2607; Farthest from entrance	1/31/17 5:37 AM	None Detected
3060-013117-CS-004-A	Initial Draw sample; Sink on left side of Rm 2607; Closest to entrance	1/31/17 5:39 AM	None Detected
3060-013117-CS-004-B	Flush sample; Sink on left side of Rm 2607; Closest to entrance	1/31/17 5:40 AM	None Detected
3060-013117-CS-005-A	Initial Draw sample; Sink on right side of Rm 2607; Farthest from entrance	1/31/17 5:41 AM	1.03
3060-013117-CS-005-B	Flush sample; Sink on right side of Rm 2607; Farthest from entrance	1/31/17 5:42 AM	None Detected
3060-013117-CS-006-A	Initial Draw Sample; Sink on right side of Rm 2607 closest to entrance	1/31/17 5:43 AM	1.74
3060-013117-CS-006-B	Flush Sample; Sink on right side of Rm 2607 closest to entrance	1/31/17 5:44 AM	None Detected
3060-013117-CS-007-A	Initial Draw Sample; Sink in middle of Rm 2607	1/31/17 5:46 AM	None Detected
3060-013117-CS-007-B	Flush Sample; Sink in middle of Rm 2607	1/31/17 5:47 AM	None Detected
3060-013117-CS-008-A	Initial Draw Sample; Unlabeled Food Prep sink in back of Kitchen (Rm 2605)	1/31/17 5:58 AM	1.89
3060-013117-CS-008-B	Flush Sample; Unlabeled Food Prep sink in back of Kitchen (Rm 2605)	1/31/17 5:59 AM	None Detected
3060-013117-CS-009-A	Initial Draw Sample; Sink in kitchenette to left of dishwasher in Rm 2203	1/31/17 5:57 AM	None Detected
3060-013117-CS-009-B	Flush Sample; Sink in kitchenette to left of dishwasher in Rm 2203	1/31/17 5:58 AM	None Detected
3060-013117-IM-001-A	Manitowac Ice Machine at front of Kitchen/Rm 2103	1/31/17 5:28 AM	None Detected
3060-013117-IM-003-A	Scotsman Ice Machine in Kitchen/Rm 2605	1/31/17 6:01 AM	None Detected

### **Lakeside High School**



3801 Briarcliff Road, NE Atlanta, GA 30345

Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
3060-021717-OT-001-A	Initial Draw sample; Sampled sink in Concession Rm 2501	2/17/17 5:16 AM	None Detected
3060-021717-OT-001-B	Flush sample; Sampled sink in Concession Rm 2501	2/17/17 5:17 AM	None Detected
3060-013117-SC-001-A	Service Connection Entry into Building	1/31/17 4:57 AM	None Detected

#### Notes:

ppb-parts per billion

Bold-Exceeds 15 ppb--EPA's

Action Level for Lead

<sup>\*</sup> 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

January 2, 2018

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: Final Technical Lead in Drinking Water Sampling Report Lakeside High School (Facility ID #3060) 3801 Briarcliff Road, NE, 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 Final Technical Lead in Drinking Water Sampling Report for Lakeside High School (Facility ID #3060).

Initial sampling was conducted on January 31, 2017; however, several areas of the high school could not be accessed. Thus, AEM conducted a second initial testing of the inaccessible areas on February 17, 2017. Laboratory analytical results for the two initial sampling events were received from Analytical Environmental Services, Inc., on February 14, 2017, and March 6, 2017. Additional drinking water samples from a select source unit were collected on November 22, 2017, and analytical results were received from Analytical Environmental Services, Inc., on November 29, 2017.

#### **FINDINGS**

#### Initial Testing

AEM collected 119 drinking water samples from 60 sources at Lakeside High School (Facility ID #3060), including 2 duplicate samples (see Figure 1). A description of the drinking water outlets sampled and a summary of sample analytical results are provided in the attached table.

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.

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 (ppb).

#### Initial Sample Results of Previously Identified Inoperable Source Units

During the initial sampling events on January 31, 2017, and February 17, 2017, two source units (DF-001 and AF-001) were inoperable and could not be sampled. DCSD made repairs to DF-001 and AEM collected two drinking water samples on November 22, 2017. None of the samples had a drinking water sample result that contained lead at a concentration at or above

Mr. Joshua Williams—DeKalb County School District January 2, 2018 Page 2

EPA's action level of 15 ppb. A description of the drinking water outlet sampled and a summary of sample analytical results are provided in Table 1. DCSD determined that AF-001 would not be repaired or replaced. Thus, no further sampling will be conducted at AF-001.

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

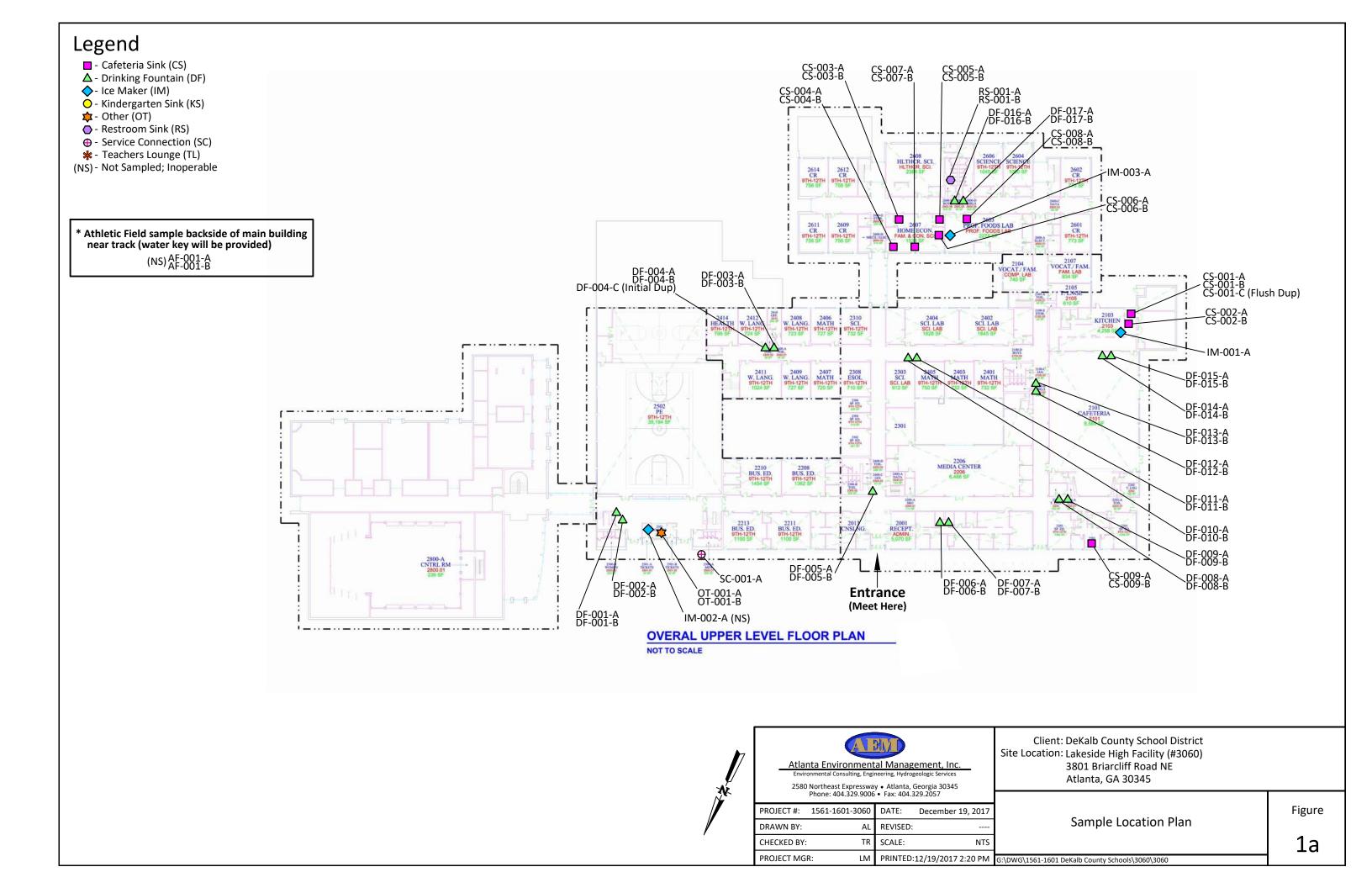
/krf

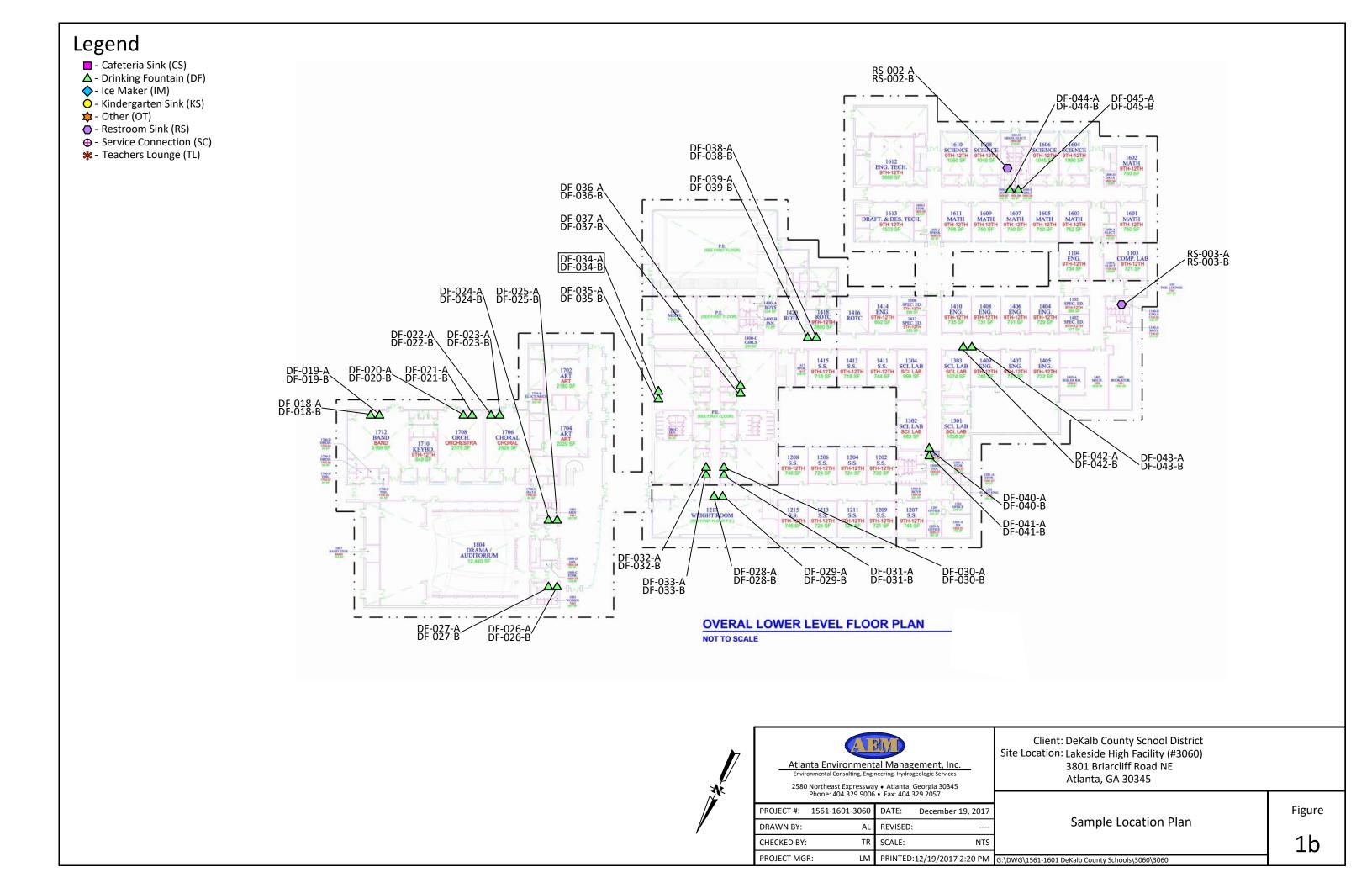
cc: Daniel Drake (DCSD) Tracee Hill (DCSD)



# **FIGURE**







# **TABLE**



# **Lakeside High School**





Sample ID*			Lead Test	
	Sample Location Description	Sample Date & Time	Results (ppb)	
	Not sampled; Inoperable; Upper Left wall mounted Elkay Drinking Fountain in hallway			
3060-021717-DF-001-A	outside of Gym Rm 2502	NS	NS	
	Not sampled; Inoperable; Upper Left wall mounted Elkay Drinking Fountain in hallway			
3060-021717-DF-001-B	outside of Gym Rm 2502	NS	NS	
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway outside of			
3060-112217-DF-001-A	Gym Rm 2502	11/22/2017 5:37	None Detected	
	Flush sampled; Upper Left wall mounted Elkay Drinking Fountain in hallway outside of Gym			
3060-112217-DF-001-B	Rm 2502	11/22/2017 5:38	None Detected	
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway outside			
3060-021717-DF-002-A	of Gym Rm 2502	2/17/17 5:24 AM	None Detected	
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway outside of Gym			
3060-021717-DF-002-B	Rm 2502	2/17/17 5:25 AM	None Detected	
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway to right			
3060-021717-DF-003-A	of Rm 2412	2/17/17 5:10 AM	None Detected	
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway to right of Rm			
3060-021717-DF-003-B	2412	2/17/17 5:11 AM	None Detected	
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway to right of			
3060-021717-DF-004-A	Rm 2412	2/17/17 5:07 AM	None Detected	
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway to right of Rm			
3060-021717-DF-004-B	2412	2/17/17 5:09 AM	None Detected	
	Initial Draw Duplicate sample; Upper Left wall mounted Elkay Drinking Fountain in hallway			
3060-021717-DF-004-C	to right of Rm 2412	2/17/17 5:08 AM	None Detected	
	Initial Draw sample; Elkay Drinking Fountain near front Office main entrance across from			
3060-013117-DF-005-A	Rm 2300	1/31/17 6:22 AM	None Detected	
	Flush sample; Elkay Drinking Fountain near front Office main entrance across from Rm			
3060-013117-DF-005-B	2300	1/31/17 6:23 AM	None Detected	
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across			
3060-021717-DF-006-A	from Principal's Office Rm 2010	2/17/17 4:58 AM	None Detected	

# **Lakeside High School**





			Lead Test
Sample ID*	Sample Location Description	Sample Date & Time	Results (ppb)
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from		
3060-021717-DF-006-B	Principal's Office Rm 2010	2/17/17 4:59 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
3060-021717-DF-007-A	from Principal's Office Rm 2010	2/17/17 5:00 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
3060-021717-DF-007-B	Principal's Office Rm 2010	2/17/17 5:01 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-008-A	from Rm 2205	1/31/17 6:02 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm		
3060-013117-DF-008-B	2205	1/31/17 6:03 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-009-A	from Rm 2205	1/31/17 6:04 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
3060-013117-DF-009-B	Rm 2205	1/31/17 6:05 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway next to		
3060-013117-DF-010-A	Rm 2405	1/31/17 5:25 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway next to Rm		
3060-013117-DF-010-B	2405	1/31/17 5:26 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway next to		
3060-013117-DF-011-A	Rm 2405	1/31/17 5:23 AM	None Detected
3060-013117-DF-011-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway next to Rm 2405	1/31/17 5:24 AM	None Detected
0000 010117 51 011 5	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across	2/02/17/012/7/17	Trone Beteeted
3060-013117-DF-012-A	from Cafeteria Rm 2101	1/31/17 5:46 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from		
3060-013117-DF-012-B	Cafeteria Rm 2101	1/31/17 5:47 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-013-A	from Cafeteria Rm 2101	1/31/17 5:48 AM	None Detected

# **Lakeside High School**



			Lead Test
			Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
3060-013117-DF-013-B	Cafeteria Rm 2101	1/31/17 5:49 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Cafeteria/Rmm		
3060-013117-DF-014-A	2101	1/31/17 5:37 AM	None Detected
3060-013117-DF-014-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Cafeteria/Rm 2101	1/31/17 5:38 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Cafeteria/Rm		
3060-013117-DF-015-A	2101	1/31/17 5:39 AM	None Detected
3060-013117-DF-015-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Cafeteria/Rm 2101	1/31/17 5:40 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-016-A	from Rm 2605	1/31/17 6:06 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm		
3060-013117-DF-016-B	2605	1/31/17 6:07 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-017-A	from Rm 2605	1/31/17 6:08 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
3060-013117-DF-017-B	Rm 2605	1/31/17 6:09 AM	None Detected
3060-013117-DF-018-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Rm 1712	1/31/17 5:37 AM	None Detected
3060-013117-DF-018-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Rm 1712	1/31/17 5:38 AM	None Detected
3060-013117-DF-019-A	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Rm 1712	1/31/17 5:39 AM	None Detected
3060-013117-DF-019-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Rm 1712	1/31/17 5:40 AM	None Detected
3060-013117-DF-020-A	Initial Draw sample; Lower Left wall mounted Elkay Drinking Fountain in Rm 1708	1/31/17 5:43 AM	None Detected
3060-013117-DF-020-B	Flush sample; Lower Left wall mounted Elkay Drinking Fountain in Rm 1708	1/31/17 5:44 AM	None Detected

# **Lakeside High School**



			Lead Test
			Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
3060-013117-DF-021-A	Initial Draw sample; Upper Right wall mounted Elkay Drinking Fountain in Rm 1708	1/31/17 5:45 AM	None Detected
3060-013117-DF-021-B	Flush sample; Upper Right wall mounted Elkay Drinking Fountain in Rm 1708	1/31/17 5:46 AM	None Detected
3060-013117-DF-022-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Rm 1706	1/31/17 5:48 AM	None Detected
3060-013117-DF-022-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Rm 1706	1/31/17 5:49 AM	None Detected
3060-013117-DF-023-A	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Rm 1706	1/31/17 5:50 AM	None Detected
3060-013117-DF-023-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Rm 1706	1/31/17 5:51 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway outside		
3060-013117-DF-024-A	Mens RR Rm 1801	1/31/17 6:02 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway outside Mens		
3060-013117-DF-024-B	RR Rm 1801	1/31/17 6:03 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway outside		
3060-013117-DF-025-A	Mens RR Rm 1801	1/31/17 6:04 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway outside Mens		
3060-013117-DF-025-B	RR Rm 1801	1/31/17 6:05 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway outside		
3060-013117-DF-026-A	Womens RR Rm 1803	1/31/17 6:07 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway outside		
3060-013117-DF-026-B	Womens RR Rm 1803	1/31/17 6:08 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway outside		
3060-013117-DF-027-A	Womens RR Rm 1803	1/31/17 6:09 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway outside		
3060-013117-DF-027-B	Womens RR Rm 1803	1/31/17 6:10 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway outside		
3060-021717-DF-028-A	Weight Room	2/17/17 5:02 AM	None Detected

# **Lakeside High School**





			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway outside Weight		
3060-021717-DF-028-B	Room	2/17/17 5:03 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway outside		
3060-021717-DF-029-A	Weight Room	2/17/17 5:00 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway outside Weight		
3060-021717-DF-029-B	Room	2/17/17 5:01 AM	None Detected
	Initial Draw sample; Upper Right wall mounted Elkay Drinking Fountain in front Boys Locker		
3060-021717-DF-030-A	Room closest to Weight Room	2/17/17 5:08 AM	None Detected
	Flush sample; Upper Right wall mounted Elkay Drinking Fountain in front Boys Locker		
3060-021717-DF-030-B	Room closest to Weight Room	2/17/17 5:09 AM	None Detected
	Initial Draw sample; Lower Left wall mounted Elkay Drinking Fountain in front Boys Locker		
3060-021717-DF-031-A	Room closest to Weight Room	2/17/17 5:06 AM	None Detected
	Flush sample; Lower Left wall mounted Elkay Drinking Fountain in front Boys Locker Room		
3060-021717-DF-031-B	closest to Weight Room	2/17/17 5:07 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Girls Locker Room		
3060-021717-DF-032-A	closest to Weight Room	2/17/17 4:53 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Girls Locker Room		
3060-021717-DF-032-B	closest to Weight Room	2/17/17 4:54 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Girls Locker		
3060-021717-DF-033-A	Room closest to Weight Room	2/17/17 4:55 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Girls Locker Room		
3060-021717-DF-033-B	closest to Weight Room	2/17/17 4:56 AM	None Detected
3060-013117-DF-034-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Girls Locker Room	1/31/17 6:26 AM	None Detected
3060-013117-DF-034-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Girls Locker Room	1/31/17 6:27 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Girls Locker		
3060-013117-DF-035-A	Room	1/31/17 6:28 AM	None Detected

# **Lakeside High School**



			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
3060-013117-DF-035-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Girls Locker Room	1/31/17 6:29 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in Back Boys Locker		110110 2 000000
3060-021717-DF-036-A	Room by Rm 1503-A	2/17/17 5:12 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in Back Boys Locker Room	, ,	
3060-021717-DF-036-B	by Rm 1503-A	2/17/17 5:13 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Boys Locker Room		
3060-013117-DF-037-A	Rm 1503	1/31/17 6:20 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Boys Locker Room Rm		
3060-013117-DF-037-B	1503	1/31/17 6:21 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-038-A	from Rm 1417	1/31/17 6:09 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
3060-013117-DF-038-B	Rm 1417	1/31/17 6:10 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-039-A	from Rm 1417	1/31/17 6:11 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm		
3060-013117-DF-039-B	1417	1/31/17 6:12 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-040-A	from Rm 1300-A	1/31/17 6:01 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
3060-013117-DF-040-B	Rm 1300-A	1/31/17 6:02 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-041-A	from Rm 1300-A	1/31/17 6:03 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm		
3060-013117-DF-041-B	1300-A	1/31/17 6:04 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-042-A	from Rm 1410	1/31/17 5:48 AM	None Detected

# **Lakeside High School**





			Lead Test
Sample ID*	Sample Location Description	Sample Date & Time	Results (ppb)
- Jampie 12	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		(PP-7)
3060-013117-DF-042-B	Rm 1410	1/31/17 5:49 AM	None Detected
3000 013117 D1 042 D	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across	1/31/17 3.43 AIVI	None Detected
3060-013117-DF-043-A	from Rm 1410	1/31/17 5:50 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm		
3060-013117-DF-043-B	1410	1/31/17 5:51 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-044-A	from Rm 1607	1/31/17 5:31 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm		
3060-013117-DF-044-B	1607	1/31/17 5:32 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
3060-013117-DF-045-A	Rm 1607	1/31/17 5:33 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
3060-013117-DF-045-B	Rm 1607	1/31/17 5:34 AM	None Detected
3060-013117-RS-001-A	Initial Draw sample; Only sink in Boys RR Rm 2600-F; Sampled left spout	1/31/17 6:11 AM	None Detected
3060-013117-RS-001-B	Flush sample; Only sink in Boys RR Rm 2600-F; Sampled left spout	1/31/17 6:12 AM	None Detected
3060-013117-RS-002-A	Initial Draw sample; Only sink in Boys RR Rm 1600-G; Sampled left faucet	1/31/17 5:37 AM	None Detected
3060-013117-RS-002-B	Flush sample; Only sink in Boys RR Rm 1600-G; Sampled left faucet	1/31/17 5:38 AM	None Detected
3060-013117-RS-003-A	Initial Draw sample; Only sink in Girls RR 1100-B; Sampled far left faucet	1/31/17 5:42 AM	None Detected
3060-013117-RS-003-B	Flush sample; Only sink in Girls RR 1100-B; Sampled far left faucet	1/31/17 5:43 AM	None Detected
3060-013117-CS-001-A	Initial Draw sample; Food Prep sink in back of Kitchen Rm 2103	1/31/17 5:22 AM	1.55
3060-013117-CS-001-B	Flush sample; Food Prep sink in back of Kitchen Rm 2103	1/31/17 5:23 AM	None Detected
3060-013117-CS-001-C	Flush Duplicate sample; Food Prep sink in back of Kitchen Rm 2103	1/31/17 5:24 AM	None Detected
3060-013117-CS-002-A	Initial Draw sample; Food Prep sink in center of Kitchen/Rm 2103	1/31/17 5:25 AM	None Detected
3060-013117-CS-002-B	Flush sample; Food Prep sink in center of Kitchen/Rm 2103	1/31/17 5:26 AM	None Detected
3060-013117-CS-003-A	Initial Draw sample; Sink on left side of Rm 2607; Farthest from entrance	1/31/17 5:36 AM	2.27
3060-013117-CS-003-B	Flush sample; Sink on left side of Rm 2607; Farthest from entrance	1/31/17 5:37 AM	None Detected
3060-013117-CS-004-A	Initial Draw sample; Sink on left side of Rm 2607; Closest to entrance	1/31/17 5:39 AM	None Detected

### **Lakeside High School**





			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
3060-013117-CS-004-B	Flush sample; Sink on left side of Rm 2607; Closest to entrance	1/31/17 5:40 AM	None Detected
3060-013117-CS-005-A	Initial Draw sample; Sink on right side of Rm 2607; Farthest from entrance	1/31/17 5:41 AM	1.03
3060-013117-CS-005-B	Flush sample; Sink on right side of Rm 2607; Farthest from entrance	1/31/17 5:42 AM	None Detected
3060-013117-CS-006-A	Initial Draw Sample; Sink on right side of Rm 2607 closest to entrance	1/31/17 5:43 AM	1.74
3060-013117-CS-006-B	Flush Sample; Sink on right side of Rm 2607 closest to entrance	1/31/17 5:44 AM	None Detected
3060-013117-CS-007-A	Initial Draw Sample; Sink in middle of Rm 2607	1/31/17 5:46 AM	None Detected
3060-013117-CS-007-B	Flush Sample; Sink in middle of Rm 2607	1/31/17 5:47 AM	None Detected
3060-013117-CS-008-A	Initial Draw Sample; Unlabeled Food Prep sink in back of Kitchen (Rm 2605)	1/31/17 5:58 AM	1.89
3060-013117-CS-008-B	Flush Sample; Unlabeled Food Prep sink in back of Kitchen (Rm 2605)	1/31/17 5:59 AM	None Detected
3060-013117-CS-009-A	Initial Draw Sample; Sink in kitchenette to left of dishwasher in Rm 2203	1/31/17 5:57 AM	None Detected
3060-013117-CS-009-B	Flush Sample; Sink in kitchenette to left of dishwasher in Rm 2203	1/31/17 5:58 AM	None Detected
3060-013117-IM-001-A	Manitowac Ice Machine at front of Kitchen/Rm 2103	1/31/17 5:28 AM	None Detected
	Not Sampled; No ice in Concession Stand/Rm 2501; DCSD stated this unit is not used for		
3060-021717-IM-002-A	drinking water purposes	NS	NS
3060-013117-IM-003-A	Scotsman Ice Machine in Kitchen/Rm 2605	1/31/17 6:01 AM	None Detected
3060-021717-OT-001-A	Initial Draw sample; Sampled sink in Concession Rm 2501	2/17/17 5:16 AM	None Detected
3060-021717-OT-001-B	Flush sample; Sampled sink in Concession Rm 2501	2/17/17 5:17 AM	None Detected
3060-112217-AF-001-A	Not Sampled; Drinking Fountain damaged; DCSD will not repair	NS	NS
3060-112217-AF-001-B	Not Sampled; Drinking Fountain damaged; DCSD will not repair	NS	NS
3060-013117-SC-001-A	Service Connection Entry into Building	1/31/17 4:57 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

**NS--Not Sampled** 

# ATTACHMENT A AEM Field Sampling Forms



**FACILITY NAME:** 

LAKESIDE HIGH FACILITY

ADDRESS: 3801 Briarcliff Road, NE Atlanta, GA, 30345

FACILITY ID:

3060

DATE	TIME	SAMPLE ID  (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLEI INIT.
1/31/17	0543	3060 - 013117 - C5-006- PA	RM 2607	in room Hallway	Right Side OF Rm. Close to entrance Sink	
1/31/17	0544	3060 - 013117 - CS- UVG-B		n room Hallway	11	1 Al
1/31/17	05416	3060 - 013117 - CS- 007- A		In room Hallway	muddle of Rm. Sink	W
1/31/17	0547	3060 - 013117 - CS-W7-B	1	In room Hallway	<i>i</i> ) (1	H
1/31/17	0558	3060 - 013117 - C5-008-A	Rm 2605	In room, Hallway	in back of Kitchen.	UA
1/31/17	0559	3060 - 013117 - CS- 008 - B	8	la room Hallway	\\psi	LH
1/31/17	0001	3060 - 013117 - IM - 003 - A	en 2605	ln room Hallway	Ketchen Scotsman	Щ.
1/31/17	0406	3060 - 013117 - DE - OI W- A	across from	In room Hallway	upper left Eikery	UA
1/31/17	0607	3060 - 013117 - Of - Olle-B		In room Hallway	1)	W
1/31/17		3060 - 013117 -		In room Hallway		

**FACILITY NAME:** 

LAKESIDE HIGH FACILITY

ADDRESS: 3801 Briarcliff Road, NE Atlanta, GA, 30345

FACILITY ID:

3060

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER
1/31/17	0546	3060 - 013117 - DF-012 - N	Across from Cafeteria 2101	In room Hallway	Upper left Elkay wm	INIT.
1/31/17	0547	3060 - 013117 - DF - 012 - B	4.1	In room Hallway	,	<del>- ().</del>
1/31/17	0548	3060 - 013117 - OF-013-A	, v	In room Hallway	Lowerright Elkay WM	
1/31/17	0549	3060 - 013117 - DF-013-B	W.	In room		
1/31/17	0557	3060 - 013117 - CS-009-A	In Rm 2203	(n room Hallway	sink in kitchenette to left of dishwasher	
1/31/17	0558	3060 - 013117 - CS-009-B		n room Hallway		
1/31/17	0602	3060 - 013117 - Y)F-608-A	Across From 2705	In room Hallway	Upper left Elkay WM	
1/31/17	0603	3060 - 013117 - DF-008-B		In room Hallway		
1/31/17	0604	3060 - 013117 - DF-009-A		In room Hallway	Lawer right Elkay WM	
1/31/17	6605	3060 - 013117 - DF-009-B		In room Hallway		<b>V</b>

FACILITY NAME: LAKESIDE HIGH FACILITY FACILITY ID: 3060

DATE	TIME	SAMPLE ID  (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
1/31/17	0522	3060 - 013117 - CS-001-A	Kitchen 2103	fa room Hallway	back of Kitchen	CA
1/31/17	0523	3060 - 013117 - (S-00)-B	N.	In room Hallway		Ì
1/31/17	0524	3060 - 013117 - CS-001-C	4.5	ก room Hallway	Flush dup	
1/31/17	0525	3060 - 013117 - CS-002-A	11	dn room Hallway	Food prep sink in Center of Kitchen	
1/31/17	0526	3060 - 013117 - (S-002-B	34	In room Hallway		
1/31/17	0528	3060 - 013117 - IM-001-A	**	In room, Hallway	Manitoware brand ice machine at front of kitchen	
1/31/17	0531	3060 - 013117 - DF-014-A	Cafetoria 2101	la room Hallway	Upper left Elkay WM	
1/31/17	0538	3060 - 013117 - DF-014-B	C)	łn room Hallway		
1/31/17	0539	3060 - 013117 - DF-015-A		n room Hallway	Lower right Elkay WM	
1/31/17	0540	3060 - 013117 - 0F-015-B		In room) Hallway		

FACILITY NAME: LAKESIDE HIGH FACILITY FACILITY ID: 3060

DATE	TIME	SAMPLE ID  (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
1/31/17	6457	3060 - 013117 - SC-GGI-A		In room Hallway	on outside of building outside gyun entrance	A
1/31/17	G531	3060 - 013117 - DF-644-A	across from 1607	In room Hallway	UPPER LEFT ElkaywmDF	A
1/31/17	0532	3060 - 013117 - DF-G44-B	i ,	In room Hallway	LV	A
1/31/17	0533	3060 - 013117 - DF-045-1A	10	In room Hallway	Lower right Elkay	A
1/31/17	0534	3060 - 013117 - DF-045-B	V (	In room Hallway	1.1	A
1/31/17	0537	3060 - 013117 - R S-GGZ-A	1600-G Boys BR	In room Hallway	only sink, sampled left fancet	An
1/31/17	US 78	3060 - 013117 - RS-00Z-B	1.0	In room Hallway	11	A
1/31/17	0547	3060 - 013117 - RS-003-A	Girb RR	In room Hallway	for left fauce t	A
1/31/17	0543	3060 - 013117 - R S-GG3-13	٠.	In room Hallway	c c	AI
1/31/17		3060 - 013117 -		In room Hallway		

**FACILITY NAME:** 

LAKESIDE HIGH FACILITY

FACILITY ID:

3060

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
1/31/17	0008	3060 - 013117 - 0 - 0 17 - 17	across from Rm alebs	In room Hallway	IONER RIGHT GIKAN	M
1/31/17	5609	3060 - 013117 - Of - OI - B	11	In room Hallway	1	M
1/31/17	Doll	3060 - 013117 - RS-600 1-A	RM 2600-F BOUS RIR	In room Hallway	left spout on only sink in RR	A
1/31/17	0412	3060 - 013117 - RS-001-B	\\ \' \'	In room Hallway	11	H
1/31/17		3060 - 013117 -		In room Hallway		
1/31/17		3060 - 013117 -		In room Hallway		
1/31/17		3060 - 013117 -		In room Hallway		
1/31/17		3060 - 013117 -		In room Hallway		
1/31/17		3060 - 013117 -		In room Hallway		
1/31/17		3060 - 013117 -		In room Hallway		

FACILITY NAME: LAKESIDE HIGH FACILITY FACILITY ID: 3060

DATE	TIME	SAMPLE ID  (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
1/31/17	0537	3060 - 013117 - DF - 018 -A	1712	In room Hallway	Upper Left tiking DF - WM	KTW
1/31/17	0538	3060 - 013117 - DF-018 -B		dn room Hallway	SAA	KTW
1/31/17	0539	3060 - 013117 - DF-019- A		In room Hallway	Lower Right Elkay DF WM	KTW
1/31/17	0540	3060 - 013117 - DF-019 -B	1	n room Hallway	SAA	KW
1/31/17	0543	3060 - 013117 - DF -020-A	1708	n room Hallway	Lower Left Elkay DF WM	KTW
1/31/17	0544	3060 - 013117 - DF-020-B		n room Hallway	SMA	KTW
1/31/17	0545	3060 - 013117 - DF - 021 - A		In room Hallway	Upper Right Elkay DF	KW
1/31/17	0546	3060 - 013117 - DF-021-B	1	In room Hallway	SAA	KTW
1/31/17	0548	3060 - 013117 - DF-022-A	1706	h room Hallway	Upper Left Elkay DE WM	KTW
1/31/17	0549	3060 - 013117 - DF - 022 - B	H V	n room Hallway	SAA	KTW

**FACILITY NAME:** 

LAKESIDE HIGH FACILITY

ADDRESS: 3801 Briarcliff Road, NE Atlanta, GA, 30345

FACILITY ID:

3060

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
1/31/17	0548	3060 - 013117 - DF - O42-A	across frem 1410	In room Hallway	Lower right Ellery Lun DF	B
1/31/17	6549	3060 - 013117 - DF-04Z-B	١ (	In room Hallway	١ (	H
1/31/17	0550	3060 - 013117 - DF-043-A	10	In room Hallway	UPPER LEFT EIKAY WM DF	A
1/31/17	0551	3060 - 013117 - DF-043 - 13	7 (	In room Hallway	1 (	A
1/31/17	0601	3060 - 013117 - DE-O40-A	across froi 1300-19	In room Hallway	LOWER MIGHT EIKAY WM	A
1/31/17	0662	3060 - 013117 - DF-040-B	1.	In room Hallway	1 (	A
1/31/17	0603	3060 - 013117 - DF-041-A	<b>\</b> \ \	In room Hallway	WM DE Elkax	M
1/31/17	0604	3060 - 013117 - DF - O41 -B	( )	In room Hallway	1	A
1/31/17		3060 - 013117 -		In room Hallway		
1/31/17		3060 - 013117 -		In room Hallway		

FACILITY NAME:

LAKESIDE HIGH FACILITY

ADDRESS: 3801 Briarcliff Road, NE Atlanta, GA, 30345

FACILITY ID: 3060

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
1/31/17	0609	3060 - 013117 - DF-038-A	across from 1417	In room Hallway	Lower right Elkal	121
1/31/17	0610	3060 - 013117 - D [-038-13	( (	In room Hallway		A
1/31/17	0611	3060 - 013117 - DF-039-A	V (	In room Hallway	upper LEFT Elkay	B
1/31/17	0612	3060 - 013117 - DF-039 - 13	11	In room Hallway	((	A
1/31/17	0620	3060 - 013117 - DF-037-A	1045 1045	in room Hallway	UPPER LEFT WM DF Elkay	A1
1/31/17	061	3060 - 013117 - DF-037 - B	1503	In room Hallway	1 (	A
1/31/17	0626	3060 - 013117 - DF-034-A	giris Locker	In room Hallway	Ufter Left Elkaywa	A
1/31/17	0627	3060 - 013117 - DF-034-13	U,	In room Hallway	\ \	A
1/31/17	0628	3060 - 013117 - DF-055 - A	( )	In room Hallway	Lower right Elkay	m
1/31/17	0629	3060 - 013117 - DF - 0>5-13	( >	In room Hallway		A

**FACILITY NAME:** 

LAKESIDE HIGH FACILITY

FACILITY ID:

3060

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
1/31/17	0622	3060 - 013117 - DF-005-A	Across 2300	In room	Elkay near front office main entrance; WM	(C)
1/31/17	0623	3060 - 013117 - DF-005-B	5.4	In room Hallway		(0)
1/31/17		3060 - 013117 -		In room Hallway		
1/31/17		3060 - 013117 -		In room Hallway		
1/31/17		3060 - 013117 -		In room Hallway		
1/31/17		3060 - 013117 -		In room Hallway		
1/31/17		3060 - 013117 -		in room Hallway		
1/31/17		3060 - 013117 -		In room Hallway		
1/31/17		3060 - 013117 -		In room Hallway		
1/31/17		3060 - 013117 -		In room Hallway		

FACILITY NAME: LAKESIDE HIGH FACILITY FACILITY ID: ADDRESS: 3801 Briarcliff Road, NE Atlanta, GA, 30345 3060

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
1/31/17	0523	3060 - 013117 - DF-DII-A	MX +0	In room Hallway	upper left Elkay	W.
1/31/17	6524	3060 - 013117 - DF-DII-B		in room Hallway	11 //	Ut
1/31/17	0525	3060 - 013117 - D F-010-17		In room Hallway	lower Right Elkay	14
1/31/17	0526	3060 - 013117 - DE - DID-B		In room Hallway	11	(H
1/31/17	0536	3060 - 013117 - C5- 003 - A	RM	In room Hallway	left side of Rm furthest. From entrance - Sink	Ut
1/31/17	0537	3060 - 013117 - C5 003 - B		in room Hallway	11	H
1/31/17	0539	3060 - 013117 - CS- ODY-A		In room Hallway	left side of Rm. Closest to endance. Sink	<u> </u>
1/31/17	0540	3060 - 013117 - CS- WY-B		In room Hallway	" "	(H
1/31/17	0241	3060 - 013117 - 05-005-19		In room Hallway	1 2000 of 1200.	nest (H
1/31/17	0542	3060 - 013117 - CS- 05-B	T)	In room Hallway	from entrace sink.	141

FACILITY NAME: LAKESIDE HIGH FACILITY FACILITY ID: 3060

DATE	TIME	SAMPLE ID  (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
1/31/17	0550	3060 - 013117 - DF-023-A	1706	dn room Hallway	Lower right Elkay of	KtW
1/31/17	0551	3060 - 013117 - DF -023 - B	t/ U	dn room Hallway	SAA	KtW
1/31/17	0002	3060 - 013117 - DF - 024 - A	outside of mens RQ 1801	In room Hallway	Upper Left Elkay DF -	KTW
1/31/17	0603	3060 - 013117 - DF - 024 - B	0	In room Hallway	SAA	KtW
1/31/17	0604	3060 - 013117 - DF - 025 - A		In room	Lower Right Elkay DF	KW
1/31/17	0605	3060 - 013117 - DF - 025 - B	<b>√</b>	In room Hallway	SAA	KTW
1/31/17	0607	3060 - 013117 - DF - 026-A	Outside of womens 120	In room Hallway	Upper left FIKay DF - WM	KTW
1/31/17	0608	3060 - 013117 - DF - 026-B		In room Hallway	SAA	KTW
1/31/17	0609	3060 - 013117 - DF - 027 - A		In room Hallway	Lower right Elkay DF-	KTW
1/31/17	0619	3060 - 013117 - DF - 027-B	V	In room Hallway	SAA	KM

FACILITY NAME:

LAKESIDE HIGH FACILITY

FACILITY ID:

3060

DATE	TIME	SAMPLE ID  (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
2/17/17	0453	3060 - 021717 - 0 F - 632- K	gov 1'3 10cker Rm	in room Hallway	work left Ellang	4
2/17/17	0454	3060 - 021717 - DE - 032-B	Closest to weight Riv	ln room Hallway	17	H
2/17/17	0455	3060 - 021717 - DE - 033-A		In room Hallway	lover Right Elkery	H
2/17/17	456	3060 - 021717 - Of - 033 - B	W	In room Hallway	N II	bl
2/17/17	0502	3060 - 021717 - OF - 028 - A	outside of weight	In room Hallway	lower Right Elkany	Ш
2/17/17	0503	3060 - 021717 - Df -078-B		In room Hallway	1)	4
2/17/17	0500	3060 - 021717 - DE - 029-A		In room Hallway	upper left Ellan	4
2/17/17	0501	3060 - 021717 - A -029-B	TO THE STATE OF TH	in room Hallway	N D	4
2/17/17	X12	3060 - 021717 - Df - 036-A	Back bay	) In room Hallway	lower Right Ellay	H
2/17/17	0513	3060 - 021717 - OF 036-B	by 1503-A	In room Hallway	(1)	CH

FACILITY NAME:

LAKESIDE HIGH FACILITY

FACILITY ID:

3060

ADDRESS: 3801 Briarcliff Road, NE Atlanta, GA, 30345

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
2/17/17	0508	3060 - 021717 - DF - 030-A	BOJS 10 Carki		upper Right Elley	4
2/17/17	0509	3060 - 021717 - OF - 030 -B	Mosett +D verght Rin	n room Hallway	(/	4
2/17/17	0506	3060 - 021717 - Of - 03   -A		In room Hallway	lower left Elkery	4
2/17/17	0507	3060 - 021717 - 07 - 031 - 13		kn room Hallway	1'	4
2/17/17		3060 - 021717 -		In room Hallway		
2/17/17		3060 - 021717 -		In room Hallway		
2/17/17		3060 - 021717 -		In room Hallway		
2/17/17		3060 - 021717 -		In room Hallway		
2/17/17		3060 - 021717 -		In room Hallway		
2/17/17		3060 - 021717 -		In room Hallway		

**FACILITY NAME:** 

LAKESIDE HIGH FACILITY

ADDRESS: 3801 Briarcliff Road, NE Atlanta, GA, 30345

FACILITY ID:

3060

DATE	T⊪ME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
2/17/17	0458	3060 - 021717 - DF - 006 - A	across from principals office 2010	In room Hallway	Upper left Eikay DF- WM -	KW
2/17/17	0459	3060 - 021717 - DF - 006 - B		In room Hallway	CAA	KTW
2/17/17	0500	3060 - 021717 - DF - 007 - A		In room Hallway	Lower nght Elkay DF-	KW
2/17/17	0501	3060 - 021717 - DF - 007 - B		In room Hallway	SAA	KTW
2/17/17	0507	3060 - 021717 - DF - 004 - A	to right of room 2412	In room Hallway	Upper left Elkay DF-	KtW
2/17/17	0509	3060 - 021717 - DF-004 - B		In room Hallway	SAA	KW
2/17/17	0508	3060 - 021717 - DF - 004 - C		In room Hallway	SAA Initial dup.	K-tW
2/17/17	0510	3060 - 021717 - DF - 003 - A		In room Hallway	Lower right Elkay DF- WM	KTW
2/17/17		3060 - 021717 - DF - 003 - B		In room Hallway	SAA	KTW
2/17/17		3060 - 021717 - IM- 002 - A	2501	In room Hallway	IM inoperable-no ice-	Kon

FACILITY NAME: LAKESIDE HIGH FACILITY FACILITY ID: 3060

ADDRESS: 3801 Briarcliff Road, NE Atlanta, GA, 30345

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
2/17/17	0516	3060 - 021717 - OT- 001- A	2501	In room Hallway	Sink in concession room	KtW
2/17/17	0517	3060 - 021717 - OT - 001 - B	2501	tn room Hallway	SAA	KW
2/17/17		3060 - 021717 - DF - 001 - A	outsid of gym- 2502	In room Hallway	Upper Left DF-WM-	KTW
2/17/17		3060 - 021717 - DF - 001 - B		In room Hallway	SAA (Inoperable)	KTW
2/17/17	0524	3060 - 021717 - DF - 002 - A		In room Hallway	Lower right DF-WM Elkay	KTW
2/17/17	0525	3060 - 021717 - DF -002 -B		In room Hallway	SAA	KW
2/17/17		3060 - 021717 -		In room Haliway		
2/17/17		3060 - 021717 -		In room Hallway		
2/17/17		3060 - 021717 -		In room Hallway		
2/17/17		3060 - 021717 -		In room Hallway		

FACILITY NAME: LAKESIDE HIGH FACILITY FACILITY ID: 3060

ADDRESS: 3801 Briarcliff Road, NE Atlanta, GA, 30345

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
11/22/17	0537	3060 - 112217 - DF - 001 - A	6ym	In room Hallway	Upper Elkayon Ceft	55
11/22/17	0539	3060 - 112217 -DF-001 - B	6ym	In room Hallway		SS
11/22/17		3060 - 112217 -		In room Hallway		
11/22/17		3060 - 112217 -		In room Hallway		
11/22/17		3060 - 112217 -		In room Hallway		
11/22/17		3060 - 112217 -		In room Hallway		
11/22/17		3060 - 112217 -		In room Hallway		
11/22/17		3060 - 112217 -		In room Hallway		
11/22/17		3060 - 112217 -		In room Hallway		
11/22/17		3060 - 112217 -		in room Hallway		

# ATTACHMENT B AES Laboratory Analytical Report



#### **Leona Miles**

From: NoReply@aesatlanta.net

Sent: Tuesday, February 14, 2017 3:14 PM

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

Subject: DCSD - 3060

**Attachments:** 1701P17\_REPORT.pdf; 1701P17Invoice.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.



February 14, 2017

Leona Miles Atlanta Environmental Mgmt 2580 NE Expresswav Atlanta GA 30345

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

RE: DCSD - 3060

Dear Leona Miles: Order No: 1701P17

Analytical Environmental Services, Inc. received 92 samples on 1/31/2017 9:05:00 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

3080 Presidential Drive, Atlanta GA 30340-3704

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

	1/21/1		_		$\cap$
Date:	1/2//	á	Page	of	

OMPANY:	Atlanta Environmental Management, Inc	ADDRESS:  2580 Northeast Expressway, NE			y, NE				Al	NAL	ANALYSIS REQUESTED									
			Atlanta, GA	30345			200.8											www.aesatlanta.com to check on the status o	f	
HONE:	(404) 329-9006	FAX: (404) 329-2057					dethod											your results, place bottl orders, etc.	e utainers	
AMPLED BY:	and Jensen	SIGNATURE:	Alas		Seggendation of the second		Total Pb Method 200.8											orders, ever	No # of Containers	
#	SAMPLE ID	SAM	IPLED_		osite	c odes)	To	<u> </u>		PI	RESE	RVATI	ON (Se	e codes	)				- ²	
"		DATE	TIME	Grab	Composite	Matrix (See codes)	I											REMARKS		
1	3060-013117-CS-004-A	1/31/2017	0539	X		DW	χ				_	_							-	
2	3060-013117-CS-004-B	1/31/2017	0540	X		DW	X			$\perp$		_	$\perp$						(	
3	3060-013117-CS-005-A	1/31/2017	0541	X		DW	X												(	
4	3060-013117-CS-005-B	1/31/2017	0542	X		DW	X												(	
5	3060-013117-CS-006-A	1/31/2017	0543	X		DW	χ													
б	3060-013117-CS-006-B	1/31/2017	0544	X		DW	X										_		1	
7	3060-013117-CS-007-A	1/31/2017	0546	X		DW	X													
8	3060-013117-CS-007-В	1/31/2017	0547	X		DW	X													
9	3060-013117-CS-008-A	1/31/2017	0558	X		DW	X							<u> </u>						
10	3060-013117-CS-008-B	1/31/2017	0559	X		DW	X												(	
11	3060-013117-CS-009-A	1/31/2017	0557	X		DW	X													
12	3060-013117-CS-009-B	1/31/2017	0558	X		DW	X													
13	3060-013117-IM-001-A	1/31/2017	0528	X		DW	X												(	
14	3060-013117-IM-003-A	1/31/2017	0601	X		DW	X													
15	3060-013117-SC-001-A	1/31/2017	0457	X		DW	X												1/_	
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<b>:</b>		3:					SENI	O REPO	ORT TO	o: <b>I</b>	_eon	a M	les a	nd Ti	m Ro	yer		Next Business Day Rush		
SPECIAL INSTRU	JCTIONS/COMMENTS:	SHIPMENT METHOD OUT / / VIA:					OICE TO		ROM A	BOVI	Ξ)						Same Day Rush (auth ro Other: 10 business Days	q.)		
Preserve at the La	tb per protocol	IN VIA: CLIENT FedEx UPS MAIL COURIER		RIER	leona-miles@aem-net.com; tim-royer@aem-net.com								STATE PROGRAM (if any):  E-mail? Y/N; Fax? Y/I	<u> </u>						
		OK.	EYHOUND O	THER			QUO	TE #:_					PC	)#:				DATA PACKAGE: I <b>II</b> I	I IV	
	CIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS						MARI	KED O	N COC	AES	WILI	PRO	CEED	AS ST	ANDAF	ED TAT.				

GW = Groundwater SE = Sediment SO = Soil SW = Surface Water DW=Drinking Water W = Water (Blanks) O = Other (specify) MATRIX CODES: A = AirPRESERVATIVE 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 2 of 106

Work Order: HOIP7

AES

3080 Presidential Drive, Atlanta GA 30340-3704

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

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Date:	Page	2	of	- (

OMPANY:	Atlanta Environmental Management, Inc	ADDRESS: 2580 Northeast Expressway, NE			ıy, NE				A	NAL	YSIS	REQ	UEST	ED			1	isit our website		
	Annual Salat ommonius Azumugomoni, Ano		Atlanta, GA	_		•	200.8												w.aesatlanta.com eck on the status of	
HONE:	(404) 329-9006	FAX:	(404) 329	-2057	7		ethod											your	results, place bottle	ainers
AMPLED BY:	And Jensen	SIGNATURE:	Ajers	Carry Control of Contr			Total Pb Method												orders, etc.	No#ofContainers
		SAN	иPLED		2	<u>(§</u>	Totz					<b> </b>								% No
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	I			P	RESE	RVAT	ION (	See coo	les)				REMARDF	
1	3060-013117-DF-014-B	1/31/2017	0538	X		DW	X													1
2	3060-013117-DF-015-A	1/31/2017	0539	X		DW	X													- (
3	3060-013117-DF-015-B	1/31/2017	0540	X		DW	X				$\perp$									1
4	3060-013117-DF-016-A	1/31/2017	0606	X		DW	X				_					ļ				
5	3060-013117-DF-016-B	1/31/2017	0607	X		DW	X													1
6	3060-013117-DF-017-A	1/31/2017	0600	X		DW	IX.							_						(
7	3060-013117-DF-017-B	1/31/2017	0609	X		DW	ľX			_		$\perp$	_			_				(
8	3060-013117-DF-018-A	1/31/2017	0537	X		DW	X				$\perp$									1
9	3060-013117-DF-018-B	1/31/2017	0538	X		DW	X				_		_					_		(
10	3060-013117-DF-019-A	1/31/2017	0539	X		DW	X			_			_							1
11	3060-013117-DF-019-B	1/31/2017	0540	X		DW	X													\
12	3060-013117-DF-020-A	1/31/2017	0543	X		DW	X				_					_				(
13	3060-013117-DF-020-B	1/31/2017	0544	X		DW	X						_	_						1
14	3060-013117-DF-021-A	1/31/2017	0545	X		DW	<u>IX</u>													
15	3060-013117-DF-021-B	1/31/2017	0546	X		DW	X													
RELINQUISHE		RECEIVED B	Y			DATE/TIME		ECT N	IAME:	P	ROJI	ECT I	NFOR	MATI	ON			-	RECEIPT	1
Ha	8-1/81/17 0905	Den	ta On	nera	u o	31/17 1:05				Γ	OCS								Total # of Containers	
2: *	•	2:						ECT#			1:	561-1	601 060				*****	10	Turnaround Time Request Standard 5 Business Days	
·		3:					SITE	ADDR	£55:			3	UUU					Ιŏ	2 Business Day Rush	
, .		3.				SENI	O REPO	ORT TO	); <b>I</b>	Leon	a M	iles :	and T	Γim F	Royer		Ιŏ	Next Business Day Rush		
SPECIAL INSTI	RUCTIONS/COMMENTS:	SHIPMENT METHOD OUT / / VIA:					DICE TO		ROM A	BOV.	E)						$\mathbb{T}^{\circ}$	Same Day Rush (auth req. Other: 10 business Days	)	
Preserve at the	Lab per protocol	IN / VIA: FedEx UPS MAIL COURIER			leona-miles@aem-net.com; tim-royer@aem-net.com							1	PROGRAM (if any):  ? Y / N; Fax? Y / N							
	GREYHOUND OTHER				QUOTE #: PO#: DATA PACKAGE: I II III IV															
SAMPLES REC	CEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS I	RECEIVED ON	THE NEXT BUS	SINESS I	DAY; IF	NO TAT IS	MARI	ŒD O	N COC	AES	WILI	L PRO	CEEI	) AS S	TAND	ARD TA	т.			
SAMPLES ARI	E DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT	UNLESS OTH	ER ARRANGEM	IENTS A	RE MA	DE.	±100000													····

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

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

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Work Order: 1701P17



3080 Presidential Drive, Atlanta GA 30340-3704

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

Date: \/3   /	7 Page	1. 7. of	7

OMPANY:	Atlanta Environmental Management, Inc	ADDRESS:  2580 Northeast Expressway, NE			y, NE				A	NAL	YSIS	REQU	ESTEI	)		Visit our website			
			Atlanta, GA				8.003										www.aesatlanta.com		
HONE:	(404) 329-9006	FAX:	(404) 329-	-2057			Method 200.8										your results, place bott orders, etc.		ıtainers
AMPLED BY:	And Juseu	SIGNATURE:	Azes	and the second s	gássion de Primer a .		Total Pb N										orders, etc.		No # of Containers
		SAN	1PLED		site	(səp	To			P	RESE	RVATI	ON (Se	e codes	)	L_	 	$\dashv$	Š
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	I						Ì				REMARDF		
I	3 <del>060-013117-</del> DF-007-A	1/31/2017		X	and the State of t	DW											Not Sampled		
2	3060-013117-DF-007-B	1/31/2017		X		DW								_			NOT Sample	3	
3	3060-013117-DF-008-A	1/31/2017	0602	X		DW	X				_							$\perp$	1
4	3060-013117-DF-008-B	1/31/2017	0603	X		DW	X												(
5	3060-013117-DF-009-A	1/31/2017	0604	X		DW	X				$\perp$								1
6	3060-013117-DF-009-B	1/31/2017	0605	X		DW	X												1
7	3060-013117-DF-010-A	1/31/2017	0525	X		DW	$\lambda$										- 1 - 12 - 14 - 14 - 14 - 14 - 14 - 14 -	_	(
8	3060-013117-DF-010-В	1/31/2017	0526	X		DW	X												ſ
9	3060-013117-DF-011-A	1/31/2017	0523	X		DW	X												
10	3060-013117-DF-011-B	1/31/2017	0524	X		DW	X							1					1
11	3060-013117-DF-012-A	1/31/2017	0546	X		DW	X												*
12	3060-013117-DF-012-B	1/31/2017	0547	X		DW	X												)
13	3060-013117-DF-013-A	1/31/2017	05 48	X		DW	X												1
14	3060-013117-DF-013-B	1/31/2017	0549	X		DW	X												ſ
15	3060-013117-DF-014-A	1/31/2017	0537	X		DW	X												ĺ
RELINQUISHED	BY DATE/TIME					DATE/TIME	DDO!	row N	43.0E.	P	ROJI	ECT IN	FORM	IATIO	N		RECEIPT		
" Alus	1/31/17 0905	Den	ta On	hero	ú	1/31/17 97:05	PKOJ.	ECIN	AME:	Ι	OCS:	D				s	Total # of Containers		
2:		2:						ECT#			1:	561-1					 Turnaround Time Reque		
		2.					SITE .	ADDR	ESS:			30	)60				Standard 5 Business Day 2 Business Day Rush	S	
<b>;</b>		3:				SEND	REPO	ORT TO	); <b>I</b>	√eon	a Mi	les a	nd Ti	m Ro	yer	Next Business Day Rush			
SPECIAL INSTR	PECIAL INSTRUCTIONS/COMMENTS:  SHIPMENT METHOD  OUT / / VIA:					ICE TO	O: ENT FF	ROM A	BOV	E)					Same Day Rush (auth re Other: 10 business Days	eq.)			
Preserve at the Lab per protocol  IN CLIENT FedEx		FedEx UF	VIA: S MAI	L COU	RIER		leona-	miles@	ает-п	et,con	n; tim-r	oyer@a	em-net.	com		 STATE PROGRAM (if any):  E-mail? Y/N; Fax? Y/I			
океуно			THER			QUO	ΓE #:_					PC	)#:			DATA PACKAGE: I II I	II II	<u> </u>	
	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS I						MARK	ED O	N COC	AES	WILI	PRO	CEED	AS STA	NDAR	D TAT.			

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water DW=Drinking Water W = Water (BlanDF) 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

AES

3080 Presidential Drive, Atlanta GA 30340-3704

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

		1.1		
Date:	Page	4	of	(

COMPANY:	Atlanta Environmental Management, Inc	ADDRESS:	2580 Northe	ast Exp	resswa	y, NE			,,	ΑÌ	IALY	SIS R	EQUE	STED				Visit our website	
	Trumin 24 vi viii viii viii viii viii viii vii		Atlanta, GA	_			200.8											www.aesatlanta.com to check on the status of	
PHONE:	(404) 329-9006	FAX:	(404) 329	-2057			Total Pb Method 200.8						į					your results, place bottle orders, etc.	ntainers
SAMPLED BY:	Awly Jensen	SIGNATURE:	Atres	ra. Grajinasinininininin	Manuscriptur -		tal Pb N											orders, etc.	No # of Containers
#	SAMPLE ID	SAN	IPLED		osite	(sapo	To			PR	ESER	VATIC	N (See	codes)	<u> </u>				- కి
"	J. M. N. 22 15	DATE	TIME	Grab	Composite	Matrix (See codes)	I											REMARKS	
I	3060-013117-DF-022-A	1/31/2017	0548	X		DW	X												1
2	3060-013117-DF-022-B	1/31/2017	0549	X		DW	X												-
3	3060-013117-DF-023-A	1/31/2017	0550	X		DW	X						<u> </u>						
4	3060-013117-DF-023-B	1/31/2017	0551	X		DW	Χ												, and
5	3060-013117-DF-024-A	1/31/2017	0602	X		DW	X												1
6	3060-013117-DF-024-B	1/31/2017	0603	X		DW	X												į.
7	3060-013117-DF-025-A	1/31/2017	0604	X		DW	X												1
8	3060-013117-DF-025-B	1/31/2017	0605	X		DW	X												
9	3060-013117-DF-026-A	1/31/2017	0607	X		DW	Х					$\perp$							1
10	3060-013117-DF-026-B	1/31/2017	0608	X		DW	X												
11	3060-013117-DF-034-A	1/31/2017	0626	X		DW	X												1
12	3060-013117-DF-034-B	1/31/2017	0627	X		DW	X												1
13	3060-013117-DF-035-A	1/31/2017	0628	X		DW	X,										<u>.</u>		1
14	3060-013117-DF-035-B	1/31/2017	0629	X		DW	X							_			_		(
15	3060-013117-DF-037-A	1/31/2017	0620	X		DW	火												· ·
RELINQUISHEI		RECEIVED B	Y			DATE/TIME	DROI	ECT N	AME	P	ROJE	CT IN	ORM	ATION	Į			RECEIPT	т
1: Ara	8 1/31/17 0905	Deri	ta C	moro	řu'	31/17	PROJ	ECT N.	Alvie.	D	CSI	)						Total # of Containers	
2:	A A A A A A A A A A A A A A A A A A A	2:					PROJ	ECT#:			15	61-16						Turnaround Time Request	
							SITE	ADDR	ESS:			79	7					Standard 5 Business Days	
3:		3:					SENI	REPC	RT TO	): <b>L</b>	eona	ı Mil	es an	d Tiı	n Roy	yer	0.100	2 Business Day Rush Next Business Day Rush	
SPECIAL INSTF	RUCTIONS/COMMENTS:	OUT /	SHIPMENT	METHO	)D			ICE TO		OM A	BOVE	)						Same Day Rush (auth req Other: 10 business Days	.)
Preserve at the l	Lab per protocol	IN CLIE	FedEx UI	VIA: PS MAI	IL COU	RIER		leona-	miles@	aem-no	et.com:	tim-ro	n-royer@aem-net.com					STATE PROGRAM (if any): E-mail? Y/N; Fax? Y/N	<del></del>
		GR	EYHOUND O	THER	· · · · · · · · · · · · · · · · · · ·		QUO	TE #:					PO	#:				DATA PACKAGE: I II III	IV
	CEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS						MARK	ŒD O!	N COC	AESV	WILL	PROC	EED A	S STA	NDARI	D TAT.			

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

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Work Order:	1701	P	7
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AES

3080 Presidential Drive, Atlanta GA 30340-3704

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Date: Page	5	of	

COMPANY:	Atlanta Environmental Management, Inc	ADDRESS:	2580 Northe	ast Exp	resswa	ıy, NE				A	NAL	YSIS	REQU	ESTED	)		Visit our website		
			Atlanta, GA			- '	8.0										www.aesatlanta.co	1	
PHONE:		FAX:	(40.4) 200	2057			od 20										to check on the status		STS
	(404) 329-9006		(404) 329	-205/			Meth										orders, etc.	ue	ntaine
SAMPLED BY:	And y Susan	SIGNATURE:	Arca		and the second s	and the order of the control of the	Total Pb Method 200.8										oracis, etc.		No#ofContainers
		SAN	1PLED		9	જ	Tota												# oN
#	SAMPLE ID				Composite	Matrix (See codes)				P	RESE	RVAT	ON (Se	e codes	)		REMARKS		
		DATE	TIME	Grab	Сош	Matr (See	I												
1	3060-013117-DF-037-B	1/31/2017	0621	X		DW	X												- (
2	3060-013117-DF-038-A	1/31/2017	0609	X		DW	<i>X</i> .											_	
3	3060-013117-DF-038-B	1/31/2017	0610	X		DW	IX												1
4	3060-013117-DF-039-A	1/31/2017	0611	X		DW	X												(
5	3060-013117-DF-039-B	1/31/2017	0612	X		DW	X												-{
6	3060-013117-DF-040-A	1/31/2017	0601	X		DW	$\lambda$												- (
7	3060-013117-DF-040-B	1/31/2017	0602	X		DW	X												-
8	3060-013117-DF-041-A	1/31/2017	0603	X		DW	X												
9	3060-013117-DF-041-B	1/31/2017	0604	X		DW	X										****		
10	3060-013117-DF-042-A	1/31/2017	0548	X		DW	X												Ĵ
11	3060-013117-DF-042-B	1/31/2017	0549	X		DW	X												)
12	3060-013117-DF-043-A	1/31/2017	0550	X		DW	X												)
13	3060-013117-DF-043-B	1/31/2017	0551	X		DW	X												1
14	3060-013117-DF-044-A	1/31/2017	0531	X		DW	X												
15	3060-013117-DF-044-B	1/31/2017	0532	X		DW	X												)
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1: A Tc	131/17 0905	Dei	ita C	me		43114 ,9:05		JECTI	NAIVIE.		DCS	D					Total # of Containers		
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3:		],					SEN	D REPO	ORT TO	o: I	Leon	ıa M	les a	nd Ti	m Roy	er	Next Business Day Rusin	sh	
SPECIAL INSTR	UCTIONS/COMMENTS:	OUT /	SHIPMENT	METHOVIA:	)D			DICE T		ROM A	ABOV	E)					Same Day Rush (auth Other: 10 business Da		
Preserve at the I	ab per protocol	IN CLIER	T) FedEx U	VIA: PS MAI	L COU	RIER		leona-	-miles@	@aem-1	net.com	n; tim-ı	oyer@a	em-net.	com		STATE PROGRAM (if any):  E-mail? Y/N; Fax? Y	' N	
		GR	EYHOUND O	THER			QUC	TE #:					PC	)#:			DATA PACKAGE: I II	шп	ſV
SAMPLES REC	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS	RECEIVED ON	THE NEXT BUS	SINESS I	DAY; IF	NO TAT IS	MARI	KED O	N CO	CAES	WILI	L PRO	CEED	AS STA	NDARD	TAT.			
SAMPLES ARE	DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT	UNLESS OTH	ER ARRANGEM	IENTS A	RE MA	DE.													

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

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Work Order:	1701P17

AES

3080 Presidential Drive, Atlanta GA 30340-3704

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Date:	Page_	0_	of	

COMPANY:	Atlanta Environmental Management, Inc	ADDRESS:	2580 Northe	ast Exr	resswa	v. NE				Α	NAL	YSIS	REQU	ESTE	)		Visit (	our website	
	Titiania Sava omionia Management, and		Atlanta, GA			<b>J</b> ,	8.0											satlanta.com	
HONE:		FAX:	(404) 220	2057	,		Method 200.8											on the status of Its, place bottle	sis
	(404) 329-9006		(404) 329	-2037	'		/eth			l				ŀ			l -	lers, etc.	ıtaine
AMPLED BY:	And Jersen	SIGNATURE:	Arez	<u>s</u>	<b>L</b> .		Total Pb					l					010	icis, etc.	No # of Containers
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#	SAMPLE ID				Composite	ix code				P	RESE	RVAT	ON (S	ee code	s)		 R	EMARKS	-
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I	3060-013117-DF-045-A	1/31/2017	0533	X		DW	X												1
2	3060-013117-DF-045-B	1/31/2017	0534	X		DW	$ \chi $								<u> </u>				1
3	3060-013117-RS-001-A	1/31/2017	0611	X		DW	X												1
4	3060-013117-RS-001-B	1/31/2017	0612	X		DW	X												(
5	3060-013117-RS-002-A	1/31/2017	0537	X		DW	χ												- Commercial Commercia
6	3060-013117-RS-002-B	1/31/2017	0538	X		DW	X												1
7	3060-013117-RS-003-A	1/31/2017	0542	X		DW	X												1
8	3060-013117-RS-003-B	1/31/2017	0543	X		DW	X												3
9	3060-013117-CS-001-A	1/31/2017	0522	X		DW	X.												-
10	3060-013117-CS-001-B	1/31/2017	0 Sz3	X		DW	X												Ŷ
11	3060-013117-CS-001-C	1/31/2017	0524	X		DW	X												
12	3060-013117-CS-002-A	1/31/2017	0525	X		DW	X												1
13	3060-013117-CS-002-В	1/31/2017	0576	X		DW	X												1
14	3060-013117-CS-003-A	1/31/2017	0536	X		DW	X												-
15	3060-013117-CS-003-B	1/31/2017	0537	X		DW	X												-
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SAMPLES REC	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS F	RECEIVED ON	THE NEXT BUS	SINESS I	DAY; IF	NO TAT IS	MARK	ED O	N COC	AES	WILI	PRO	CEED	AS ST	ANDAR	D TAT.			
SAMPLES ARE	DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT	UNLESS OTH	ER ARRANGEM	IENTS A	RE MAI	DE.													

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

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Page 7 of 106



# ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

Work Order: 1701P17

3080 Presidential Drive, Atlanta GA 30340-3704

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

ate: 1/3//17 Page 7 of 7

COMP	Innter Environmental	ADDRESS: Z5% N	ortheast 1	Expre	554/44	, NE					ANA	LYSI	S REC	QUES'	ΓED				Visit our website	
	management Inc.	•	a, GA	2034	( )		(100.3)												www.aesatlanta.com to check on the status of	
PHON	E: 404 329-9006.	FAX: LLC	4 32	9-7	205	pad a state and the	Pb 0				1								your results, place	No# of Containers
SAMP)	EDBY: Andy Jensen	SIGNATURE:	Alas	L	20074 = 1		i												bottle orders, etc.	of Con
		SAN	иPLED		ite	es)	1019													% oN
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	ignapori.				PRES	ERVA	TION	(See c	odes)			1	REMARKS	
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1	3060-013117-DF-005-A	1/31/17	0672	1 1/2			$\sim$				_				+	$\dashv$		-		<del>-</del>
2	3060-013117-DF-005-B	1/31/17	0623	X	-		X					-				$\dashv$	_			
3	3060-013117-DF-027-A		0609	1	-		$\vdash$		_					_	_	$\dashv$	+	_		<del>'</del>
4	3060-013117-DF-027-B	1/31/17	0610	X			$\cap$							$\dashv$	$\dashv$		-	+		- I
5				<u> </u>			-		_								$\dashv$			
6							$\vdash$								_	+	$\dashv$	-		
7				-			-					-			+	$\dashv$	_			-
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2:		2:			<u> </u>		PRO	JECT :	#:	156	1-1	601							Turnaround Time Request	
							SITE	E ADD	RESS:	:	30	60							Standard 5 Business Days	
3:		3:					OEN!	D DED	ODT:	TO !					· ·	<u> </u>			2 Business Day Rush	
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Te.	serve at lab per protocol	IN /	/	VIA:			ico	11sq -	m:	iese	Dae	m-	- nei	H.CC	JAN.				STATE PROGRAM (if any):	
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II	LES RECEIVED AFTER 3PM OR SATURDAY ARE CONSI							'AT IS	MAR	RKED	ON C	OC AI	ES WI	LL PF	OCEE	D AS	STAND	ARD T	AT.	
SAMP	LES ARE DISPOSED OF 30 DAYS AFTER COMPLETION	je report u	INLESS OTHER	ARRAN	GEMEN	VIS ARE MA	WE.												P-200-8-4-108	

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-CS-004-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:39:00 AM

 Lab ID:
 1701P17-001
 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	237921	. 1	02/14/2017 02:21	JS

Date:

14-Feb-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 9 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-CS-004-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:40:00 AM

 Lab ID:
 1701P17-002
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237921 02/14/2017 02:51 JS Lead

Date:

14-Feb-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 10 of 106

Lead

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-CS-005-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:41:00 AM

 Lab ID:
 1701P17-003
 Matrix:
 Drinking Water

1.03

Analyses Result Reporting Qual Units BatchID Dilution Factor Date Analyzed Analyst

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

1.00

ug/L

237921

Date:

14-Feb-17

02/14/2017 02:58

JS

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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-CS-005-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:42:00 AM

 Lab ID:
 1701P17-004
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237921 02/14/2017 03:04 JS Lead

Date:

14-Feb-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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-CS-006-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:43:00 AM

 Lab ID:
 1701P17-005
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2)1.74 1.00 ug/L 237921 02/14/2017 03:22 JS Lead

Date:

14-Feb-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 13 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-CS-006-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:44:00 AM

 Lab ID:
 1701P17-006
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237921 02/14/2017 03:29 JS Lead

Date:

14-Feb-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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-CS-007-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:46:00 AM

 Lab ID:
 1701P17-007
 Matrix:
 Drinking Water

Analyses Result Reporting Qual Units BatchID Factor Date Analyse Date Analyse

Date:

14-Feb-17

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

 Lead
 BRL
 1.00
 ug/L
 237921
 1
 02/14/2017 03:35
 JS

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 15 of 106

Client:Atlanta Environmental MgmtClient Sample ID:3060-013117-CS-007-BProject Name:DCSD - 3060Collection Date:1/31/2017 5:47:00 AMLab ID:1701P17-008Matrix: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	237921	. 1	02/14/2017 03:41	JS

Date:

14-Feb-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 106

Lead

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-CS-008-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:58:00 AM

 Lab ID:
 1701P17-009
 Matrix:
 Drinking Water

1.89

Analyses Result Reporting Qual Units BatchID Dilution Factor Date Analysed Analyst

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

1.00

ug/L

237921

Date:

14-Feb-17

02/14/2017 03:47

JS

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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-CS-008-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:59:00 AM

 Lab ID:
 1701P17-010
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237921 02/14/2017 03:53 JS Lead

Date:

14-Feb-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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-CS-009-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:57:00 AM

 Lab ID:
 1701P17-011
 Matrix:
 Drinking Water

Analyses Result Reporting Qual Units BatchID Factor Date Analyzed Analyst

Date:

14-Feb-17

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

Lead BRL 1.00 ug/L 237921 1 02/14/2017 02:39 JS

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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-CS-009-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:58:00 AM

 Lab ID:
 1701P17-012
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237921 02/14/2017 04:00 JS Lead

Date:

14-Feb-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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-IM-001-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:28:00 AM

 Lab ID:
 1701P17-013
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237921 02/14/2017 04:06 JS Lead

Date:

14-Feb-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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-IM-003-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:01:00 AM

 Lab ID:
 1701P17-014
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237921 02/14/2017 04:12 JS Lead

Date:

14-Feb-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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-SC-001-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 4:57:00 AM

 Lab ID:
 1701P17-015
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237921 02/14/2017 04:18 JS Lead

Date:

14-Feb-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 23 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-014-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:38:00 AM

 Lab ID:
 1701P17-016
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237921 02/14/2017 04:37 JS Lead

Date:

14-Feb-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 Sample ID:** 3060-013117-DF-015-A **Client:** Atlanta Environmental Mgmt Project Name: DCSD - 3060 **Collection Date:** 1/31/2017 5:39:00 AM Lab ID:

1701P17-017 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	237921	1	02/14/2017 04:43	JS

Date:

14-Feb-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 25 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-015-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:40:00 AM

 Lab ID:
 1701P17-018
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237921 02/14/2017 04:49 JS Lead

Date:

14-Feb-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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-016-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:06:00 AM

 Lab ID:
 1701B17 010
 Matrix:
 Drinking Weter

Lab ID:1701P17-019Matrix: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	BRL	1.00		ug/L	237921	. 1	02/14/2017 04:55	JS

Date:

14-Feb-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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-016-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:07:00 AM

 Lab ID:
 1701P17-020
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237921 02/14/2017 05:02 JS Lead

Date:

14-Feb-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 28 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-017-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:08:00 AM

 Lab ID:
 1701B17 021
 Matrix:
 Drinking Weter

Lab ID:1701P17-021Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst	
Trace Elements by ICP/MS E200.8		(E200.2)							
Lead	BRL	1.00		ug/L	237922	. 1	02/14/2017 05:20	JS	

Date:

14-Feb-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:
 3060-013117-DF-017-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:09:00 AM

 Lab ID:
 1701P17-022
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237922 02/14/2017 06:04 JS Lead

Date:

14-Feb-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 30 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-018-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:37:00 AM

 Lab ID:
 1701P17-023
 Matrix:
 Drinking Water

Lab ID: 1701P17-023 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	237922	. 1	02/14/2017 06:10	JS

Date:

14-Feb-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 31 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-018-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:38:00 AM

 Lab ID:
 1701P17-024
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237922 02/14/2017 06:16 JS Lead

Date:

14-Feb-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 32 of 106

Atlanta Environmental Mgmt **Client Sample ID:** 3060-013117-DF-019-A **Client:** Project Name: DCSD - 3060 **Collection Date:** 1/31/2017 5:39:00 AM

Lab ID: 1701P17-025 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	237922	1	02/14/2017 06:22	JS

Date:

14-Feb-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 33 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-019-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:40:00 AM

 Lab ID:
 1701P17-026
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237922 02/14/2017 06:29 JS Lead

Date:

14-Feb-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:
 3060-013117-DF-020-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:43:00 AM

Lab ID:1701P17-027Matrix: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	237922	. 1	02/14/2017 06:35	JS

Date:

14-Feb-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 35 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-020-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:44:00 AM

 Lab ID:
 1701P17-028
 Matrix:
 Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8	(E200.2)							
Lead		BRL	1.00		ug/L	237922	. 1	02/14/2017 06:41	JS

Date:

14-Feb-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 36 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-021-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:45:00 AM

 Lab ID:
 1701P17-029
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237922 02/14/2017 06:47 JS Lead

Date:

14-Feb-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 37 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-021-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:46:00 AM

 Lab ID:
 1701P17-030
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237922 02/14/2017 07:06 JS Lead

Date:

14-Feb-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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-008-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:02:00 AM

 Lab ID:
 1701P17-031
 Matrix:
 Drinking Water

Lab ID: 1701P17-031 Matrix: Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead		BRL	1.00		ug/L	237922	2 1	02/14/2017 05:51	JS

Date:

14-Feb-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 39 of 106

**Client Sample ID:** 3060-013117-DF-008-B **Client:** Atlanta Environmental Mgmt Project Name: DCSD - 3060 **Collection Date:** 1/31/2017 6:03:00 AM Lab ID: 1701P17-032 Matrix: Drinking Water

Reporting Dilution BatchID Result Qual Units Limit Factor

Analyses Date Analyzed Analyst **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237922 02/14/2017 07:12 JS Lead

Date:

14-Feb-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

Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

See case narrative

Not confirmed

Less than Result value

Estimated value detected below Reporting Limit

Page 40 of 106

**Client Sample ID:** 3060-013117-DF-009-A **Client:** Atlanta Environmental Mgmt Project Name: DCSD - 3060 **Collection Date:** 1/31/2017 6:04:00 AM

Lab ID: 1701P17-033 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	237922	1	02/14/2017 07:18	JS

Date:

14-Feb-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

Less than Result value

Not confirmed

Estimated value detected below Reporting Limit

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-009-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:05:00 AM

 Lab ID:
 1701P17-034
 Matrix:
 Drinking Water

Date:

14-Feb-17

JS

Analyses Result Reporting Qual Units BatchID Dilution Date Analyzed Analyst

Trace Elements by ICP/MS E200.8

Lead BRL 1.00 ug/L 237922 1 02/14/2017 07:24

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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-010-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:25:00 AM

 Lab ID:
 1701B17 035
 Matrix:
 Drinking Weter

Lab ID: 1701P17-035 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	237922	. 1	02/14/2017 07:31	JS

Date:

14-Feb-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:
 3060-013117-DF-010-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:26:00 AM

 Lab ID:
 1701P17-036
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237922 02/14/2017 07:37 JS Lead

Date:

14-Feb-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 44 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-011-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:23:00 AM

 Lab ID:
 1701P17-037
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237922 02/14/2017 07:43 JS Lead

Date:

14-Feb-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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-011-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:24:00 AM

 Lab ID:
 1701P17-038
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237922 02/14/2017 07:49 JS Lead

Date:

14-Feb-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 46 of 106

**Client Sample ID:** 3060-013117-DF-012-A **Client:** Atlanta Environmental Mgmt Project Name: DCSD - 3060 **Collection Date:** 1/31/2017 5:46:00 AM Lab ID: 1701P17-039 Matrix: Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor

Date:

14-Feb-17

**Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237922 02/14/2017 07:55 JS Lead

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

Estimated (value above quantitation range)

Spike Recovery outside limits due to matrix

See case narrative

Less than Result value

Not confirmed

Estimated value detected below Reporting Limit

Page 47 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-012-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:47:00 AM

 Lab ID:
 1701P17-040
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237922 02/14/2017 08:02 JS Lead

Date:

14-Feb-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 48 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-013-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:48:00 AM

 Lab ID:
 1701P17-041
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237865 02/11/2017 05:59 JS Lead

Date:

14-Feb-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 49 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-013-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:49:00 AM

 Lab ID:
 1701P17-042
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237865 02/11/2017 06:30 JS Lead

Date:

14-Feb-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 106

Lead

Client:Atlanta Environmental MgmtClient Sample ID:3060-013117-DF-014-AProject Name:DCSD - 3060Collection Date:1/31/2017 5:37:00 AMLab ID:1701P17-043Matrix:Drinking Water

 $\operatorname{BRL}$ 

Analyses

Result Reporting | Qual | Units | BatchID | Dilution | Factor | Date Analyzed | Analyst |

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

1.00

ug/L

237865

Date:

14-Feb-17

02/11/2017 06:36

JS

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 51 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-022-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:48:00 AM

 Lab ID:
 1701P17-044
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237865 02/11/2017 06:42 JS Lead

Date:

14-Feb-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:
 3060-013117-DF-022-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:49:00 AM

 Lab ID:
 1701P17-045
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237865 02/11/2017 07:07 JS Lead

Date:

14-Feb-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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-023-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:50:00 AM

 Lab ID:
 1701P17-046
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237865 02/11/2017 07:13 JS Lead

Date:

14-Feb-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 54 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-023-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:51:00 AM

 Lab ID:
 1701P17-047
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237865 02/11/2017 07:19 JS Lead

Date:

14-Feb-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 55 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-024-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:02:00 AM

 Lab ID:
 1701P17-048
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237865 02/11/2017 07:25 JS Lead

Date:

14-Feb-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 56 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-024-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:03:00 AM

 Lab ID:
 1701P17-049
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237865 02/11/2017 07:32 JS Lead

Date:

14-Feb-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 57 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-025-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:04:00 AM

 Lab ID:
 1701B17 050
 Matrix:
 Drinking Weter

Lab ID:1701P17-050Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor		Analyst
Trace Elements by ICP/MS E200.8				(E2	00.2)			
Lead	BRL	1.00		ug/L	237865	1	02/11/2017 07:38	JS

Date:

14-Feb-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 58 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-025-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:05:00 AM

 Lab ID:
 1701P17-051
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237865 02/11/2017 06:17 JS Lead

Date:

14-Feb-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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-026-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:07:00 AM

 Lab ID:
 1701B17 052
 Matrix:
 Drinking Weter

Lab ID:1701P17-052Matrix: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	237865	1	02/11/2017 07:44	JS

Date:

14-Feb-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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-026-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:08:00 AM

 Lab ID:
 1701P17-053
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237865 02/11/2017 07:50 JS Lead

Date:

14-Feb-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 61 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-034-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:26:00 AM

 Lab ID:
 1701P17-054
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237865 02/11/2017 07:57 JS Lead

Date:

14-Feb-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 62 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-034-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:27:00 AM

 Lab ID:
 1701P17-055
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237865 02/11/2017 08:03 JS Lead

Date:

14-Feb-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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-035-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:28:00 AM

 Lab ID:
 1701P17-056
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237865 02/11/2017 08:28 JS Lead

Date:

14-Feb-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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-035-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:29:00 AM

 Lab ID:
 1701P17-057
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237865 02/11/2017 08:34 JS Lead

Date:

14-Feb-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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-037-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:20:00 AM

 Lab ID:
 1701P17-058
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237865 02/11/2017 08:40 JS Lead

Date:

14-Feb-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 66 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-037-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:21:00 AM

 Lab ID:
 1701P17-059
 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	237865	1	02/11/2017 08:46	JS

Date:

14-Feb-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 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-038-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:09:00 AM

 Lab ID:
 1701P17-060
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237865 02/11/2017 08:53 JS Lead

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 68 of 106

Date:

14-Feb-17

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-038-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:10:00 AM

 Lab ID:
 1701P17-061
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 08:33 JS Lead

Date:

14-Feb-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 69 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-039-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:11:00 AM

 Lab ID:
 1701P17-062
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 09:04 JS Lead

Date:

14-Feb-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 70 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-039-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:12:00 AM

 Lab ID:
 1701P17-063
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 09:10 JS Lead

Date:

14-Feb-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 71 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-040-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:01:00 AM

 Lab ID:
 1701P17-064
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 09:41 JS Lead

Date:

14-Feb-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 72 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-040-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:02:00 AM

 Lab ID:
 1701P17-065
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 09:47 JS Lead

Date:

14-Feb-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 73 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-041-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:03:00 AM

 Lab ID:
 1701P17-066
 Matrix:
 Drinking Water

Analyses Result Reporting Qual Units BatchID Dilution Factor Date Analysed Analyst

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

 $Lead \hspace{1.5cm} BRL \hspace{1.5cm} 1.00 \hspace{1.5cm} ug/L \hspace{1.5cm} 237923 \hspace{1.5cm} 1 \hspace{1.5cm} 02/14/2017 \hspace{1.5cm} 09:53 \hspace{1.5cm} JS$ 

Date:

14-Feb-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 74 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-041-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:04:00 AM

 Lab ID:
 1701P17-067
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 10:00 JS Lead

Date:

14-Feb-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 75 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-042-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:48:00 AM

 Lab ID:
 1701P17-068
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 10:06 JS Lead

Date:

14-Feb-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 76 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-042-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:49:00 AM

 Lab ID:
 1701P17-069
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 10:12 JS Lead

Date:

14-Feb-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 77 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-043-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:50:00 AM

 Lab ID:
 1701P17-070
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 10:18 JS Lead

Date:

14-Feb-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 78 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-043-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:51:00 AM

 Lab ID:
 1701P17-071
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 08:51 JS Lead

Date:

14-Feb-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 79 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-044-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:31:00 AM

 Lab ID:
 1701P17-072
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 10:24 JS Lead

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

d below Reporting Limit Page 80 of 106

Date:

14-Feb-17

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-044-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:32:00 AM

 Lab ID:
 1701P17-073
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 10:31 JS Lead

Date:

14-Feb-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 81 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-045-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:33:00 AM

 Lab ID:
 1701P17-074
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 10:37 JS Lead

Date:

14-Feb-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 82 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-045-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:34:00 AM

 Lab ID:
 1701P17-075
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 10:43 JS Lead

Date:

14-Feb-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 83 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-RS-001-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:11:00 AM

 Lab ID:
 1701P17-076
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 11:02 JS Lead

Date:

14-Feb-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 84 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-RS-001-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:12:00 AM

 Lab ID:
 1701P17-077
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 11:08 JS Lead

Date:

14-Feb-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 85 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-RS-002-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:37:00 AM

 Lab ID:
 1701P17-078
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 11:14 JS Lead

Date:

14-Feb-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 86 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-RS-002-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:38:00 AM

 Lab ID:
 1701P17-079
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 11:20 JS Lead

Date:

14-Feb-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 87 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-RS-003-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:42:00 AM

 Lab ID:
 1701P17-080
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237923 02/14/2017 11:27 JS Lead

Date:

14-Feb-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 88 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-RS-003-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:43:00 AM

 Lab ID:
 1701P17-081
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237580 02/08/2017 00:45 JS Lead

Date:

14-Feb-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 89 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-CS-001-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:22:00 AM

 Lab ID:
 1701P17-082
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2)1.55 1.00 ug/L 237580 02/08/2017 00:51 JS Lead

Date:

14-Feb-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 90 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-CS-001-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:23:00 AM

 Lab ID:
 1701P17-083
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237580 02/07/2017 23:36 JS Lead

Date:

14-Feb-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 91 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-CS-001-C

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:24:00 AM

 Lab ID:
 1701P17-084
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237580 02/08/2017 00:57 JS Lead

Date:

14-Feb-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 92 of 106

Lead

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-CS-002-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:25:00 AM

 Lab ID:
 1701P17-085
 Matrix:
 Drinking Water

 $\operatorname{BRL}$ 

Analyses

Result Reporting | Qual | Units | BatchID | Dilution | Factor | Date Analyzed | Analyst |

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

1.00

ug/L

237580

Date:

14-Feb-17

02/08/2017 01:16

JS

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 93 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-CS-002-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:26:00 AM

 Lab ID:
 1701P17-086
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237580 02/08/2017 01:22 JS Lead

Date:

14-Feb-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 94 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-CS-003-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:36:00 AM

Lab ID:1701P17-087Matrix: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	2.27	1.00		ug/L	237580	) 1	02/08/2017 01:28	JS

Date:

14-Feb-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 95 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-CS-003-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 5:37:00 AM

 Lab ID:
 1701P17-088
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237580 02/08/2017 01:34 JS Lead

Date:

14-Feb-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 96 of 106

**Client Sample ID:** 3060-013117-DF-005-A **Client:** Atlanta Environmental Mgmt Project Name: DCSD - 3060 **Collection Date:** 1/31/2017 6:22:00 AM Lab ID:

1701P17-089 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	237580	1	02/08/2017 01:40	JS

Date:

14-Feb-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

Estimated value detected below Reporting Limit

Less than Result value

Page 97 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-005-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:23:00 AM

 Lab ID:
 1701P17-090
 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	237580	1	02/08/2017 01:47	JS

Date:

14-Feb-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 98 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-027-A

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:09:00 AM

 Lab ID:
 1701P17-091
 Matrix:
 Drinking Water

Analyses Result Reporting Qual Units BatchID Dilution Factor Date Analyse Analyst

Date:

14-Feb-17

JS

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

 Lead
 BRL
 1.00
 ug/L
 237580
 1
 02/08/2017 01:53

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 99 of 106

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-013117-DF-027-B

 Project Name:
 DCSD - 3060
 Collection Date:
 1/31/2017 6:10:00 AM

 Lab ID:
 1701P17-092
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 237580 02/08/2017 01:59 JS Lead

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 100 of 106

Date:

14-Feb-17

## Sample/Cooler Receipt Checklist

Client AEM		Work Order Number 1701117
Checklist completed by All My Date	31/2017	
Carrier name: FedEx UPS Courier Client US	Mail Other	or
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)*	Yes _	No
Cooler #1 4.2°C Cooler #2 2.4°C Cooler #3	_ Cooler #4	Cooler#5 Cooler #6
Chain of custody present?	Yes _	No
Chain of custody signed when relinquished and received?	Yes 🗸	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 Applicable
Water - VOA vials have zero headspace? No VOA vials su	abmitted	Yes No
Water - pH acceptable upon receipt?	Yes	No Not Applicable
Adjusted?	Che	ecked by
Sample Condition: Good Other(Explain)		
(For diffusive samples or AIHA lead) Is a known blank include	ded? Yes	s No

#### See Case Narrative for resolution of the Non-Conformance.

 $\verb|\Aes_server|| Sample Receipt| My Documents | COCs and pH Adjustment Sheet| Sample Cooler_Recipt_Checklist_Rev1.rtf| | Cooler_Recipt_Checklist_Checklist_Checklist_Checklis$ 

<sup>\*</sup> Samples do not have to comply with the given range for certain parameters.

Client: Atlanta Environmental Mgmt

**Project Name:** DCSD - 3060 **Workorder:** 1701P17

# ANALYTICAL QC SUMMARY REPORT

Date:

14-Feb-17

BatchID: 237580

Sample ID: MB-237580 SampleType: MBLK	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bat	ts: <b>ug/L</b> chID: <b>237580</b>	Prep Date: Analysis D	02/07/2017 Pate: 02/07/2017	Run No: <b>335993</b> Seq No: <b>7333962</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPI	O Ref Val %R	PD RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-237580 SampleType: LCS	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bat	ts: <b>ug/L</b> chID: <b>237580</b>	Prep Date: Analysis D	02/07/2017 Pate: 02/07/2017	Run No: <b>335993</b> Seq No: <b>7333963</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPI	Ref Val %R	PD RPD Limit Qual
Lead	89.10	1.00	100.0		89.1	85	115		
Sample ID: 1701N14-021AMS SampleType: MS	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bat	ts: <b>ug/L</b> chID: <b>237580</b>	Prep Date: Analysis D	02/07/2017 Pate: 02/07/2017	Run No: <b>335993</b> Seq No: <b>7333965</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPI	Ref Val %R	PD RPD Limit Qual
Lead	92.81	1.00	100.0	0.4530	92.4	70	130		
Sample ID: 1701P17-083AMS SampleType: MS		3060-013117-CS-001 Trace Elements by ICP/M			Uni Bat	ts: <b>ug/L</b> chID: <b>237580</b>	Prep Date: Analysis D	02/07/2017 Pate: 02/07/2017	Run No: <b>335993</b> Seq No: <b>7333968</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPI	O Ref Val %R	PD RPD Limit Qual
Lead	92.60	1.00	100.0		92.6	70	130		
Sample ID: 1701N14-021AMSD SampleType: MSD	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bate	ts: <b>ug/L</b> chID: <b>237580</b>	Prep Date: Analysis D	02/07/2017 Pate: 02/07/2017	Run No: <b>335993</b> Seq No: <b>7333966</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPI	O Ref Val %R	PD RPD Limit Qual
Lead	93.88	1.00	100.0	0.4530	93.4	70	130	92.81 1.	15 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

Page 102 of 106

Client: Atlanta Environmental Mgmt

Project Name: DCSD - 3060 Workorder: 1701P17

# ANALYTICAL QC SUMMARY REPORT

Date:

14-Feb-17

BatchID: 237865

Sample ID: MB-237865	Client ID:				Uni		Prep Date			Run No: 3	
SampleType: MBLK	TestCode:	Trace Elements by ICP/N	1S E200.8		Bat	chID: 237865	Analysis	Date: <b>02/11/</b> 2	2017	Seq No: 7	341498
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RF	D Ref Val	%RPD	RPD I	imit Qual
Lead	BRL	1.00									
Sample ID: LCS-237865 SampleType: LCS	Client ID: TestCode:	Trace Elements by ICP/M	4S E200.8		Uni Bat	ts: <b>ug/L</b> chID: <b>237865</b>	Prep Date Analysis	2/10/2 Date: 02/11/2		Run No: 3 Seq No: 7	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RF	D Ref Val	%RPD	RPD I	Limit Qual
Lead	93.43	1.00	100.0		93.4	85	115				
Sample ID: 1701P17-041AMS SampleType: MS		3060-013117-DF-013 Trace Elements by ICP/M			Uni Bat	ts: <b>ug/L</b> chID: <b>237865</b>	Prep Date Analysis	2. <b>02/10/</b> Date: <b>02/11/</b>		Run No: 3 Seq No: 7	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RF	D Ref Val	%RPD	RPD I	Limit Qual
Lead	95.59	1.00	100.0		95.6	70	130				
Sample ID: 1701P17-051AMS SampleType: MS		3060-013117-DF-025 Trace Elements by ICP/M			Uni Bat	ts: <b>ug/L</b> chID: <b>237865</b>	Prep Date Analysis	2/10/2 Date: 02/11/2		Run No: 3 Seq No: 7	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RF	D Ref Val	%RPD	RPD I	Limit Qual
Lead	93.70	1.00	100.0		93.7	70	130				
Sample ID: 1701P17-041AMSD SampleType: MSD		3060-013117-DF-013 Trace Elements by ICP/M			Uni Bat	ts: <b>ug/L</b> chID: <b>237865</b>	Prep Date Analysis	2/10/2 Date: 02/11/2		Run No: 3 Seq No: 7	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RF	D Ref Val	%RPD	RPD I	imit Qual
Lead	93.14	1.00	100.0		93.1	70	130	95.59	2.60	20	ı

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

Page 103 of 106

Client: Atlanta Environmental Mgmt

Project Name: DCSD - 3060 Workorder: 1701P17

# ANALYTICAL QC SUMMARY REPORT

Date:

14-Feb-17

BatchID: 237921

Sample ID: <b>MB-237921</b>	Client ID:				Uni	its: ug/L	Prep Date	02/13/20	17 Run No: 336371
SampleType: MBLK	TestCode:	Trace Elements by ICP/N	1S E200.8		Bat	chID: 237921	Analysis I	Date: 02/14/201	17 Seq No: 7343412
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RP	D Ref Val	%RPD RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-237921 SampleType: LCS	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bat	its: <b>ug/L</b> chID: <b>237921</b>	Prep Date Analysis I	02/13/20 Date: 02/14/20	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RP	D Ref Val	%RPD RPD Limit Qual
ead	99.00	1.00	100.0		99.0	85	115		
Sample ID: 1701P17-001AMS SampleType: MS	Client ID: TestCode:	3060-013117-CS-004 Trace Elements by ICP/M			Uni Bat	its: <b>ug/L</b> chID: <b>237921</b>	Prep Date Analysis I	02/13/20 Date: 02/14/20	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RP	D Ref Val	%RPD RPD Limit Qual
Lead	97.54	1.00	100.0	0.7770	96.8	70	130		
Sample ID: 1701P17-011AMS SampleType: MS	Client ID: TestCode:	3060-013117-CS-009 Trace Elements by ICP/M			Uni Bat	its: <b>ug/L</b> chID: <b>237921</b>	Prep Date Analysis I	02/13/202 Date: 02/14/202	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RP	D Ref Val	%RPD RPD Limit Qual
ead	97.86	1.00	100.0		97.9	70	130		
Sample ID: 1701P17-001AMSD SampleType: MSD	Client ID: TestCode:	3060-013117-CS-004 Trace Elements by ICP/M			Uni Bat	its: <b>ug/L</b> chID: <b>237921</b>	Prep Date Analysis I	02/13/20 Date: 02/14/20	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RP	D Ref Val	%RPD RPD Limit Qual
ead	98.87	1.00	100.0	0.7770	98.1	70	130	97.54	1.35 20

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

J Estimated value detected below Reporting Limit

....

E Estimated (value above quantitation range)

N Analyte not NELAC certified

Less than Result value

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

Page 104 of 106

Client: Atlanta Environmental Mgmt

**Project Name:** DCSD - 3060 **Workorder:** 1701P17

# ANALYTICAL QC SUMMARY REPORT

Date:

14-Feb-17

BatchID: 237922

Sample ID: MB-237922 SampleType: MBLK	Client ID:	Trace Elements by ICP/M	AS E200.8		Uni	ts: <b>ug/L</b>	Prep Date: Analysis Date:	02/13/2017	Run No: <b>336372</b> Seq No: <b>7343336</b>
Sample Type. MBER	resicode.				Dav	CIIID. 231722	Alialysis Date.	02/14/2017	3cq 110. 7343330
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-237922	Client ID:				Uni	ts: ug/L	Prep Date:	02/13/2017	Run No: <b>336372</b>
SampleType: LCS	TestCode:	Trace Elements by ICP/N	1S E200.8		Bate	chID: <b>237922</b>	Analysis Date:	02/14/2017	Seq No: <b>7343337</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	98.46	1.00	100.0		98.5	85	115		
Sample ID: 1701P17-021AMS		3060-013117-DF-017			Uni		Prep Date:	02/13/2017	Run No: <b>336372</b>
SampleType: MS	TestCode:	Trace Elements by ICP/N	1S E200.8		Bate	chID: 237922	Analysis Date:	02/14/2017	Seq No: <b>7343339</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	99.21	1.00	100.0		99.2	70	130		
Sample ID: 1701P17-031AMS					Uni	ts: ug/L	Prep Date:	02/13/2017	Run No: <b>336372</b>
SampleType: MS	TestCode:	Trace Elements by ICP/N	AS E200.8		Bate	chID: 237922	Analysis Date:	02/14/2017	Seq No: <b>7343344</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	98.41	1.00	100.0		98.4	70	130		
Sample ID: 1701P17-021AMSD		3060-013117-DF-017			Uni	ts: ug/L	Prep Date:	02/13/2017	Run No: <b>336372</b>
SampleType: MSD	TestCode:	Trace Elements by ICP/N	4S E200.8		Bate	chID: 237922	Analysis Date:	02/14/2017	Seq No: <b>7343340</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	97.40	1.00	100.0		97.4	70	130 99.21	1.84	20

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

J Estimated value detected below Reporting Limit

han Result 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

Page 105 of 106

Client: Atlanta Environmental Mgmt

**Project Name:** DCSD - 3060 **Workorder:** 1701P17

# ANALYTICAL QC SUMMARY REPORT

Date:

14-Feb-17

BatchID: 237923

Sample ID: MB-237923	Client ID:				Uni		Prep Date:	02/13/2017	Run No: <b>336373</b>
SampleType: MBLK	TestCode:	Trace Elements by ICP/N	1S E200.8		Bat	chID: <b>237923</b>	Analysis Date:	02/14/2017	Seq No: <b>7343376</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-237923	Client ID:				Uni	its: ug/L	Prep Date:	02/13/2017	Run No: <b>336373</b>
SampleType: LCS	TestCode:	Trace Elements by ICP/M	AS E200.8		Bat	chID: 237923	Analysis Date:	02/14/2017	Seq No: <b>7343377</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	94.74	1.00	100.0		94.7	85	115		
Sample ID: 1701P17-061AMS		3060-013117-DF-038			Uni	its: ug/L	Prep Date:	02/13/2017	Run No: <b>336373</b>
SampleType: MS	TestCode:	Trace Elements by ICP/M	AS E200.8		Bat	chID: 237923	Analysis Date:	02/14/2017	Seq No: <b>7343379</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	95.69	1.00	100.0		95.7	70	130		
Sample ID: 1701P17-071AMS	Client ID:	3060-013117-DF-043	3-B		Uni	ts: ug/L	Prep Date:	02/13/2017	Run No: <b>336373</b>
SampleType: MS	TestCode:	Trace Elements by ICP/N	AS E200.8		Bat	chID: 237923	Analysis Date:	02/14/2017	Seq No: <b>7343382</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	98.65	1.00	100.0		98.6	70	130		
Sample ID: 1701P17-061AMSD	Client ID:	3060-013117-DF-038	3-B		Uni	ts: ug/L	Prep Date:	02/13/2017	Run No: <b>336373</b>
SampleType: MSD	TestCode:	Trace Elements by ICP/N	AS E200.8		Bat	chID: 237923	Analysis Date:	02/14/2017	Seq No: <b>7343380</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Lead	97.66	1.00	100.0		97.7	70	130 95.69	2.04	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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#### **Leona Miles**

From: NoReply@aesatlanta.net

Sent: Tuesday, March 7, 2017 3:46 PM

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

Subject: DCSD - 3060

**Attachments:** 1702F49\_REPORT.pdf; 1702F49Invoice.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.



March 07, 2017

Leona Miles Atlanta Environmental Mgmt 2580 NE Expresswav Atlanta GA 30345

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

RE: DCSD - 3060

Dear Leona Miles: Order No: 1702F49

Analytical Environmental Services, Inc. received 27 samples on 2/17/2017 9:00:00 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.
- -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.

These results relate only to the items tested. This report may only be reproduced in full.

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: 1702F49

Date: 2/17/17 Page 1 of 2

	Atlanta Environmental Management, Inc		2580 Northe	ast Exp	oressway	, NE				AN	IALYSI	S REQ	UESTED		Visit our website	
			Atlanta, GA	30345			200.8				1 -				www.aesatlanta.com to check on the status of	
PHONE:	(404) 329-9006	FAX:	(404) 329	-2057	1		ethod								your results, place bottle	
SAMPLED BY:	Lindsly Hide	SIGNATURE:	2	~	TA	1	Total Pb Method 200.8								orders, etc.	No # of Containers
	0 3	SAN	MPLED			s)	Tota								t to the sales of	0 # 0
#	SAMPLE ID			Grab	omposit	Matrix (See codes)	I		T	PR	ESERVA	TION (S	See codes)		REMARKS	
1	3 <del>060-021717-DF-001-A</del>	2/17/2017	TIME	X	Ö	DW-	1		+	+						- 1
2	3060-021717-DF-001-B	2/17/2017		X		DW										
3	3060-021717-DF-002-A	2/17/2017	0524	X		DW	X									1
4	3060-021717-DF-002-B	2/17/2017	0525	X		DW	×									1
5	3060-021717-DF-003-A	2/17/2017	0510	X		DW	X									
6	3060-021717-DF-003-B	2/17/2017	0511	X		DW	X									1
7	3060-021717-DF-004-A	2/17/2017	0507	X		DW	X									1
8	3060-021717-DF-004-B	2/17/2017	0509	X		DW	X									
9	3060-021717-DF-004-C	2/17/2017	0508	X		DW	X									i
10	3060-021717-DF-006-A	2/17/2017	1458	X		DW	X									1
11	3060-021717-DF-006-B	2/17/2017	0459	X		DW	X									1
12	3060-021717-DF-007-A	2/17/2017	9200	X		DW	X									1
13	3060-021717-DF-007-B	2/17/2017	0501	X		DW	X									1
14	3060-021717-DF-028-A	2/17/2017	0502	X		DW	X						10		the government	1
15	3060-021717-DF-028-B	2/17/2017	0503	X		DW	X									1
RELINQUISHED	BY DATE/TIME				D.	ATE/TIME	ppOI	POT M	LATE.	PR	OJECT	INFOR	MATION		RECEIPT	
2	And 2/17/17 6:52	Reono	(Jul)	2	17/17	652	PROJ	ECT NA	IME:	DO	CSD			7	Total # of Containers	
Alone	Dul 2/17/17 0820	W 2/17/17 0820 Please 2/17/1708				120		ECT#: ADDRE	ESS:		1561-	1601 3060			Turnaround Time Request O Standard 5 Business Days	
Alusa	- 2/17/17 0960	7/17 0960 Hungaselace 9/17/1791				200	SEND REPORT TO: Leona Miles and Tim Royer O Next Business Day Rus					2 Business Day Rush Next Business Day Rush				
SPECIAL INSTRU	JCTIONS/COMMENTS:	OUT / VIA:					INVOICE TO: O Same					Same Day Rush (auth req.) Other: 10 business Days	)			
Preserve at the La	b per protocol	IN VIA: CLIENT FedEX UPS MAIL COURIER				leona-miles@aem-net.com; tim-royer@aem-net.com  STATE PROGRAM (if any):  E-mail? V/N: Eav? V.				STATE PROGRAM (if any):  E-mail? Y/N: Fax? Y/N	4					
		GRI	EYHOUND OT	THER			QUOT	TE #:				P	O#:		DATA PACKAGE: I II III	IV

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

Page 2 of 33

# AES

## ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

Work Order: 1702F49

3080 Presidential Drive, Atlanta GA 30340-3704

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

ate: 2/17/17 Page 2 of 2

COMPANY:	Atlanta Environmental Management, Inc	ADDRESS:	2580 Northe	east Exp	presswa	y, NE				A	NALY	SIS RE	QUES	ΓED			Visit our website		
			Atlanta, GA	30345			Method 200.8										ww.aesatlanta.com		
PHONE:	(404) 329-9006	FAX:	(404) 329	-2057	7		thod				-   "					1000	r results, place bottle		ners
SAMPLED BY:	Lindsey Hydle	SIGNATURE	2	56	Ar	~	Fotal Pb Mc				1	1					orders, etc.		No # of Container
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#	SAMPLE ID			_	posit	Matrix (See codes)			_	PF	ESER	VATION	(See co	odes)			REMARKS	] ′	-
	ACCUPATION ASSESSMENT OF THE PARTY OF THE PA	DATE	TIME	Grab	Con	Math (See	I										read trots		
1	3060-021717-DF-029-A	2/17/2017	0500	X		DW	X												
2	3060-021717-DF-029-B	2/17/2017	0501	X		DW	7											1	
3	3060-021717-DF-030-A	2/17/2017	0508	X		DW	X											1	
4	3060-021717-DF-030-B	2/17/2017	0509	X		DW	X											1	
5	3060-021717-DF-031-A	2/17/2017	0500	X		DW	7											1	
6	3060-021717-DF-031-B	2/17/2017	0507	X		DW	X											- 1	
7	3060-021717-DF-032-A	2/17/2017	0453	X		DW	X												
8	3060-021717-DF-032-B	2/17/2017	0454	X		DW	X											1	
9	3060-021717-DF-033-A	2/17/2017	0455	X		DW	X											1	
10	3060-021717-DF-033-B	2/17/2017	0456	X		DW	X											1	
11	3060-021717-DF-036-A	2/17/2017	0512	X		DW	X										10 to	1	
12	3060-021717-DF-036-B	2/17/2017	0513	X		DW	×												
13	3060-021717-IM-003-A	2/17/2017		X		DW						1							
14	3060-021717-OT-001-A	2/17/2017	0510	X		DW	X											1	П
15	3060-021717-OT-001-B	2/17/2017	0517	X		DW	X												1
RELINQUISHED	BY DATE/TIME	RECEIVED B	Y	0	1	DATE/TIME				PF	OJEC	TINFO	RMAT	ION			RECEIPT		
2	JAN 2/17 6:50	4 KOOY	all	0	2/17	17 65a	PROJE	ECT NA	AME:	D	CSD						Total # of Containers		
Reanc	OUL 2/17/17 1820	2: Alex	Ju 217	1/17	082	0		ECT #: ADDRE	ESS:		156	1-160 3060				$\dashv$	Turnaround Time Request Standard 5 Business Days		
Mai	un 2/17/120900	Harry	Sodic	80	117/17	-900	SEND	REPO	RT TO	: L	eona	Miles	and	Tim Ro	yer	-18	2 Business Day Rush Next Business Day Rush		H
SPECIAL INSTR	UCTIONS/COMMENTS:	OUT	SHIPMENT	VIA:	DD			ICE TO		OM AE	OVE)						Same Day Rush (auth req Other: 10 business Days	.)	
Preserve at the L	ab per protocol	IN CLIEN	FedEx UI	VIA: PS MAI	L COUR	IER	- }	leona-n	niles@a	aem-ne	.com; t	im-roye	r@aem-	net.com			PROGRAM (if any): PROGRAM (if any): PROGRAM (if any): PROGRAM (if any):		
		GR	EYHOUND O	THER_			QUOT	E#:					PO#:_				PACKAGE: I II III	IV	
SAMPLES REC	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS I	RECEIVED ON	THE NEXT BUS	SINESS D	OAY; IF N	O TAT IS	MARK	ED ON	COC	AES V	TLL P	ROCEI	ED AS S	TANDAF	D TAT.				$\neg$
SAMPLES ARE	DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT	UNLESS OTHE	ER ARRANGEM	IENTS A	RE MAD	E.													

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

Page 3 of 33

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-021717-DF-002-A

 Project Name:
 DCSD - 3060
 Collection Date:
 2/17/2017 5:25:00 AM

 Lab ID:
 1702F49-001
 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	238898	1	03/02/2017 20:41	JS

Date:

7-Mar-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 4 of 33

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-021717-DF-002-B

 Project Name:
 DCSD - 3060
 Collection Date:
 2/17/2017 5:25:00 AM

 Lab ID:
 1702F49-002
 Matrix:
 Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead		BRL	1.00		ug/L	238898	1	03/02/2017 21:30	JS

Date:

7-Mar-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:
 3060-021717-DF-003-A

 Project Name:
 DCSD - 3060
 Collection Date:
 2/17/2017 5:10:00 AM

 Lab ID:
 1702F49-003
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 238898 03/02/2017 21:37 JS Lead

Date:

7-Mar-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:
 3060-021717-DF-003-B

 Project Name:
 DCSD - 3060
 Collection Date:
 2/17/2017 5:11:00 AM

 Lab ID:
 1702F49-004
 Matrix:
 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	238898	1	03/02/2017 21:43	JS

Date:

7-Mar-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 7 of 33

Client:Atlanta Environmental MgmtClient Sample ID:3060-021717-DF-004-AProject Name:DCSD - 3060Collection Date:2/17/2017 5:07:00 AMLab ID:1702F49-005Matrix:Drinking Water

Reporting Dilution

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	238898	3 1	03/02/2017 21:49	JS

Date:

7-Mar-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 MgmtClient Sample ID:3060-021717-DF-004-BProject Name:DCSD - 3060Collection Date:2/17/2017 5:09:00 AMLab ID:1702F49-006Matrix: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	238898	1	03/02/2017 21:55	JS

Date:

7-Mar-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:
 3060-021717-DF-004-C

 Project Name:
 DCSD - 3060
 Collection Date:
 2/17/2017 5:08:00 AM

 Lab ID:
 1702F49-007
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 238898 03/02/2017 22:01 JS Lead

Date:

7-Mar-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 10 of 33

Client:Atlanta Environmental MgmtClient Sample ID:3060-021717-DF-006-AProject Name:DCSD - 3060Collection Date:2/17/2017 4:58:00 AMLab ID:1702F49-008Matrix: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	238898	1	03/02/2017 22:20	JS

Date:

7-Mar-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 11 of 33

Client:Atlanta Environmental MgmtClient Sample ID:3060-021717-DF-006-BProject Name:DCSD - 3060Collection Date:2/17/2017 4:59:00 AMLab ID:1702F49-009Matrix: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	238898	1	03/02/2017 22:26	JS

Date:

7-Mar-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 33

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-021717-DF-007-A

 Project Name:
 DCSD - 3060
 Collection Date:
 2/17/2017 5:00:00 AM

 Lab ID:
 1702F49-010
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 238898 03/02/2017 22:32 JS Lead

Date:

7-Mar-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 13 of 33

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-021717-DF-007-B

 Project Name:
 DCSD - 3060
 Collection Date:
 2/17/2017 5:01:00 AM

 Lab ID:
 1702F49-011
 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	BRL	1.00		ug/L	238898	1	03/02/2017 21:18	JS

Date:

7-Mar-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 33

Client:Atlanta Environmental MgmtClient Sample ID:3060-021717-DF-028-AProject Name:DCSD - 3060Collection Date:2/17/2017 5:02:00 AMLab ID:1702F49-012Matrix:Drinking Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead		BRL	1.00		ug/L	238898	3 1	03/02/2017 22:39	JS

Date:

7-Mar-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 33

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-021717-DF-028-B

 Project Name:
 DCSD - 3060
 Collection Date:
 2/17/2017 5:03:00 AM

 Lab ID:
 1702F49-013
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 238898 03/02/2017 22:45 JS Lead

Date:

7-Mar-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 33

Client:Atlanta Environmental MgmtClient Sample ID:3060-021717-DF-029-AProject Name:DCSD - 3060Collection Date:2/17/2017 5:00:00 AMLab ID:1702F49-014Matrix: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	238898	1	03/02/2017 22:51	JS

Date:

7-Mar-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 33

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-021717-DF-029-B

 Project Name:
 DCSD - 3060
 Collection Date:
 2/17/2017 5:01:00 AM

 Lab ID:
 1702F49-015
 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	BRL	1.00		ug/L	238898	1	03/02/2017 22:57	JS

Date:

7-Mar-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 18 of 33

Client:Atlanta Environmental MgmtClient Sample ID:3060-021717-DF-030-AProject Name:DCSD - 3060Collection Date:2/17/2017 5:08:00 AMLab ID:1702F49-016Matrix: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	238898	1	03/02/2017 23:03	JS

Date:

7-Mar-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 33

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-021717-DF-030-B

 Project Name:
 DCSD - 3060
 Collection Date:
 2/17/2017 5:09:00 AM

 Lab ID:
 1702F49-017
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 238898 03/02/2017 23:10 JS Lead

Date:

7-Mar-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 33

Client:Atlanta Environmental MgmtClient Sample ID:3060-021717-DF-031-AProject Name:DCSD - 3060Collection Date:2/17/2017 5:06:00 AMLab ID:1702F49-018Matrix: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	238898	1	03/02/2017 23:16	JS

Date:

7-Mar-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:3060-021717-DF-031-BProject Name:DCSD - 3060Collection Date:2/17/2017 5:07:00 AMLab ID:1702F49-019Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor		Analyst
Trace Elements by ICP/MS E2	00.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	238898	1	03/02/2017 23:34	JS

Date:

7-Mar-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 33

Client:Atlanta Environmental MgmtClient Sample ID:3060-021717-DF-032-AProject Name:DCSD - 3060Collection Date:2/17/2017 4:53:00 AMLab ID:1702F49-020Matrix: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	238898	1	03/02/2017 23:41	JS

Date:

7-Mar-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 23 of 33

Client:Atlanta Environmental MgmtClient Sample ID:3060-021717-DF-032-BProject Name:DCSD - 3060Collection Date:2/17/2017 4:54:00 AMLab ID:1702F49-021Matrix: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	238529	1	02/24/2017 17:51	JS

Date:

7-Mar-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 33

Client:Atlanta Environmental MgmtClient Sample ID:3060-021717-DF-033-AProject Name:DCSD - 3060Collection Date:2/17/2017 4:55:00 AMLab ID:1702F49-022Matrix: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	238529	1	02/24/2017 19:58	JS

Date:

7-Mar-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 33

Client:Atlanta Environmental MgmtClient Sample ID:3060-021717-DF-033-BProject Name:DCSD - 3060Collection Date:2/17/2017 4:56:00 AMLab ID:1702F49-023Matrix: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	238529	1	02/24/2017 20:04	JS

Date:

7-Mar-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 33

Client:Atlanta Environmental MgmtClient Sample ID:3060-021717-DF-036-AProject Name:DCSD - 3060Collection Date:2/17/2017 5:12:00 AMLab ID:1702F49-024Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS EX	200.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	238529	1	02/24/2017 20:10	JS

Date:

7-Mar-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 33

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-021717-DF-036-B

 Project Name:
 DCSD - 3060
 Collection Date:
 2/17/2017 5:13:00 AM

 Lab ID:
 1702F49-025
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 238529 02/24/2017 20:17 JS Lead

Date:

7-Mar-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 28 of 33

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-021717-OT-001-A

 Project Name:
 DCSD - 3060
 Collection Date:
 2/17/2017 5:16:00 AM

 Lab ID:
 1702F49-026
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E	200.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	238529	1	02/24/2017 20:42	JS

Date:

7-Mar-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 33

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-021717-OT-001-B

 Project Name:
 DCSD - 3060
 Collection Date:
 2/17/2017 5:17:00 AM

 Lab ID:
 1702F49-027
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E	200.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	238529	1	02/24/2017 20:48	JS

Date:

7-Mar-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

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.
					<del>-</del>
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?	+	<b>]</b>	<b> </b>		
29. Containers meet preservation guidelines?	+	<b>]</b>	<b> </b>		
30. Was pH adjusted?					

Client: Atlanta Environmental Mgmt

**Project Name:** DCSD - 3060 **Workorder:** 1702F49

# ANALYTICAL QC SUMMARY REPORT

Date:

7-Mar-17

BatchID: 238529

Sample ID: MB-238529	Client ID:				Uni	its: ug/L	Prep Date:	02/23/2017	Run No: <b>337259</b>
SampleType: MBLK	TestCode:	Trace Elements by ICP/N	1S E200.8		Bat	chID: 238529	Analysis Date	02/24/2017	Seq No: <b>7367366</b>
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-238529 SampleType: LCS	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bat	its: ug/L chID: 238529	Prep Date: Analysis Date	02/23/2017 : 02/24/2017	Run No: <b>337259</b> Seq No: <b>7367367</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD R	ef Val %RPI	O RPD Limit Qual
Lead	97.84	1.00	100.0		97.8	85	115		
Sample ID: 1702F49-021AMS SampleType: MS		3060-021717-DF-032 Trace Elements by ICP/M			Uni Bat	its: ug/L chID: 238529	Prep Date: Analysis Date	02/23/2017 : 02/24/2017	Run No: <b>337259</b> Seq No: <b>7367369</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD R	ef Val %RPI	O RPD Limit Qual
Lead	97.51	1.00	100.0		97.5	70	130		
Sample ID: <b>1702G29-004AMS</b> SampleType: <b>MS</b>	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bat	its: ug/L chID: 238529	Prep Date: Analysis Date	02/23/2017 : 02/24/2017	Run No: <b>337259</b> Seq No: <b>7367372</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD R	ef Val %RPI	O RPD Limit Qual
Lead	97.81	1.00	100.0	0.6840	97.1	70	130		
Sample ID: 1702F49-021AMSD SampleType: MSD		3060-021717-DF-032 Trace Elements by ICP/M	_		Uni Bat	its: <b>ug/L</b> chID: <b>238529</b>	Prep Date: Analysis Date	02/23/2017 : 02/24/2017	Run No: <b>337259</b> Seq No: <b>7367370</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD R	ef Val %RPI	O RPD Limit Qual
Lead	97.40	1.00	100.0		97.4	70	130 97.5	0.107	7 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

Page 32 of 33

**Client:** Atlanta Environmental Mgmt

**Project Name:** DCSD - 3060 Workorder: 1702F49

# ANALYTICAL QC SUMMARY REPORT

Date:

7-Mar-17

BatchID: 238898

Sample ID: <b>MB-238898</b>	Client ID:				Uni		Prep Date: 03/02/2	
SampleType: MBLK	TestCode:	Trace Elements by ICP/N	1S E200.8		Bat	chID: <b>238898</b>	Analysis Date: 03/02/2	2017 Seq No: 7378068
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-238898	Client ID:				Uni	ts: ug/L	Prep Date: 03/02/2	2017 Run No: 337673
SampleType: LCS	TestCode:	Trace Elements by ICP/N	AS E200.8		Bat	chID: <b>238898</b>	Analysis Date: 03/02/2	2017 Seq No: 7378069
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ref Val	%RPD RPD Limit Qual
Lead	100.0	1.00	100.0		100	85	115	
Sample ID: 1702F49-001AMS		3060-021717-DF-002			Uni	ts: ug/L	Prep Date: 03/02/2	2017 Run No: 337673
SampleType: MS	TestCode:	Trace Elements by ICP/N	AS E200.8		Bat	chID: 238898	Analysis Date: 03/02/2	2017 Seq No: 7378073
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ref Val	%RPD RPD Limit Qual
Lead	99.17	1.00	100.0		99.2	70	130	
Sample ID: 1702F49-011AMS	Client ID:	3060-021717-DF-007	7-B		Uni	ts: ug/L	Prep Date: 03/02/2	2017 Run No: 337673
SampleType: MS	TestCode:	Trace Elements by ICP/N	AS E200.8		Bat	chID: 238898	Analysis Date: 03/02/2	2017 Seq No: 7378076
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ref Val	%RPD RPD Limit Qual
Lead	98.13	1.00	100.0		98.1	70	130	
Sample ID: 1702F49-001AMSD	Client ID:	3060-021717-DF-002	2-A		Uni	ts: ug/L	Prep Date: 03/02/2	2017 Run No: 337673
SampleType: MSD	TestCode:	Trace Elements by ICP/N	AS E200.8		Bat	chID: 238898	Analysis Date: 03/02/2	2017 Seq No: 7378074
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ref Val	%RPD RPD Limit Qual
Lead	97.50	1.00	100.0		97.5	70	130 99.17	1.70 20

Qualifiers: Greater than Result value

> BRL Below reporting limit

Rpt Lim Reporting Limit

Estimated value detected below Reporting Limit

E Estimated (value above quantitation range)

N Analyte not NELAC certified

Less than Result value

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

Page 33 of 33

#### **Leona Miles**

From: NoReply@aesatlanta.net

Sent: Wednesday, November 29, 2017 9:13 AM

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

Subject: DCSD - 3060

Attachments: 1711L71\_REPORT.pdf; 1711L71Invoice.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.



November 29, 2017

Leona Miles

Atlanta Environmental Mgmt

2580 NE Expressway

Atlanta

GA

30345

RE:

DCSD - 3060

Dear Leona Miles:

Order No:

1711L71

Analytical Environmental Services, Inc. received

2

samples on

11/22/2017 8:01:00 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:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/17-06/30/18.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective 07/01/17-06/30/18 and Total Coliforms/ E. coli, effective 04/25/17-04/24/20.

- -NELAP/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/17-06/30/18.
- -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 11/01/19.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Ioana Pacurar

Project Manager

IDang Pacurar

# ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

101	1.0
1+1	11.7
	171

3080 Presidential Drive, Atlanta GA 30340-3704

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

COMPANY:		ADDRESS:	0) 107-0100												Date:	11/22	Page of	
	Atlanta Environmental Management, Inc	TORCOS.	2580 North Atlanta, GA			, NE				ANAL'	YSIS RE	QUEST	TED				Visit our website	
PHONE:	(404) 220 0006	FAX:					d 200.8	4									ww.aesatlanta.com heck on the status of	
SAMPLED BY	(404) 329-9006		(404) 329	<del>)</del> -205	7		etho										r results, place bottle	10
	Shown A. Schultz	SIGNATUR	-aA	Do	lung	1	Total Pb Method 200.8							H			orders, etc.	No # of Container
#	SAMPLE ID	S.F	MPLED		2	(\$	Tot											o # o
	SAMPLEID			Q.	nposi	Matrix (See codes)		_		PRESER	VATION	V (See co	des)					ž
	20/0	DATE	TIME	Grab	Con	Mat (See	1										REMARKS	
	3060-112217-DF-001-A	11/2-/17	0537	X		DW	X							T				1
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	N 1 11 1					TE/TIME	PROJEC	TNAME	E:	PROJEC	T INFO	RMATI	ON			_	RECEIPT	
Inc	-17 13 dwy 124/7 080	Tame	labole	DR 11	122/17	108				OCSD							Total # of Containers	2
		2:	U	- '	10-11-		PROJEC	Γ#;		156	1-1601					_	Turnaround Time Request	
		3.					SITE AD	DRESS:	4	-	30	10				70	Standard 5 Business Days	
							0F) F) 6										2 Business Day Rush	
PECIAL INST	RUCTIONS/COMMENTS:		SHIPMENT	METHO	ID.	_	SEND RI	_	ro;	Jeona	Miles	and ]	im R	oyer		70	Next Business Day Rush	
		OUT	/ /	VIA:			INVOICE (IF DIFF)		FROM A	BOVE)						0	Same Day Rush (auth req.)	
reserve at the	Lab per protocol	IN /	2	VIA:						- 5	im-royer	@aem-n	at com			-	Other: 10 business Days	
			NT FedEx UP		L COURIE	ER.			Sucia i	ct.com,	iiii-ioyei	wacm-n	ct.com				PROGRAM (if any):	
AMPI ES DE	TEIVED AFTER IBM OR CATTURE			THER			QUOTE	ł:				PO#:					PACKAGE: 1 II III	IV
AMPLES AR	CEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED A E DISPOSED OF 30 DAYS AFTER COMPLETION OF REPO	S RECEIVED ON	THE NEXT BUS	INESS D	AY; IF NO	TAT IS M	IARKED	ON CO	CAES	WILL P	ROCEE	D AS ST	ANDA	RD TA	т.			
IATRIX CODE	S: A = Air GW = Groundwater SE = Sediment SO = So	1 SW = Surface	Water DW-D	ENTS A	RE MADE.	(ext					-							
	So - 30	311 - Surface	water Dw-Dnn	king wate	er W = Wat	er (Blanks)	O = C	ther (spe	cify)								Page 2 of 7	

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

Client: Atlanta Environmental Mgmt

Project: DCSD - 3060
Lab ID: 1711L71

Case Narrative

Date:

29-Nov-17

Turnaround Time Adjustment:

At the request of Leona Miles with Atlanta Environmental Management via e-mail on 11/27/17 at 7:15AM all samples were analyzed as a next day rush due on 11/28/17.

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 3060-112217-DF-001-A

 Project Name:
 DCSD - 3060
 Collection Date:
 11/22/2017 5:37:00 AM

 Lab ID:
 1711L71-001
 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	252051	1	11/28/2017 13:31	TA

Date:

29-Nov-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:
 3060-112217-DF-001-B

 Project Name:
 DCSD - 3060
 Collection Date:
 11/22/2017 5:38:00 AM

 Lab ID:
 1711L71-002
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 252051 11/28/2017 13:33 TA Lead

Date:

29-Nov-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?				damaged leaking other	
4. Custody seals present on shipping container?					
5. Custody seals intact on shipping container?					
6. Temperature blanks present?					
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?					
9. Chain of Custody signed, dated, and timed when relinquished and receive	ed?				
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 To	erms & Conditions.
13. Cooler 1 Temperature °C Cooler 2 Temperature	=		°C		er 4 Temperature°C
Cooler 5 Temperature °C Cooler 6 Temperature	<u>۽</u>		°C	Cooler 7 Temperature °C Coole	er 8 Temperature°C
15. Comments:					
				I certify that I have co	ompleted sections 1-15 (dated initials).
	Yes	No	N/A	Details	Comments
16. Were sample containers intact upon receipt?	163	T	T	Details	Comments
17. Custody seals present on sample containers?	_	1	1	+	
17. Custody seals present on sample containers?  18. Custody seals intact on sample containers?		1	1		
18. Custody seals intact on sample containers:	_	1	1	incomplete info   illegible	
19. Do sample container labels match the COC?				incomplete info illegible	
20. Are analyses requested indicated on the COC?	_			no label other	
20. Are allaryses requested indicated on the Coc:	_			samples received but not listed on COC	
21. Were all of the samples listed on the COC received?					
22. Was the sample collection date/time noted?	_			samples listed on COC not received	
23. Did we receive sufficient sample volume for indicated analyses?	_	1	1	+	
24. Were samples received in appropriate containers?					
25. Were VOA samples received without headspace (< 1/4" bubble)?					
26. Were trip blanks submitted?	_			listed on COC not listed on COC	
20. Were trip blanks submitted:		ļ	<u> </u>	listed on COC   Hot listed on COC	ļ
27. Comments:					
				I certify that I have co	ompleted sections 16-27 (dated initials).
	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked? *		T	T .,		1
29. Containers meet preservation guidelines?	-				
30. Was pH adjusted at Sample Receipt?					
					1

I certify that I have completed sections 28-30 (dated initials).

Client: Atlanta Environmental Mgmt

**Project Name:** DCSD - 3060 **Workorder:** 1711L71

# ANALYTICAL QC SUMMARY REPORT

Date:

29-Nov-17

BatchID: 252051

Sample ID: MB-252051	Client ID:				Uni	ts: ug/L	Prep	Date: 11/28	3/2017	Run No:	357783
SampleType: MBLK	TestCode:	Trace Elements by ICP/MS	S E200.8		Bat	chID: 252051	Anal	ysis Date: 11/28	3/2017	Seq No:	7886338
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-252051	Client ID:				Uni	ts: ug/L	Prep	Date: 11/28	3/2017	Run No:	357783
SampleType: LCS	TestCode:	Trace Elements by ICP/MS	S E200.8		Bat	chID: 252051	Anal	ysis Date: 11/28	3/2017	Seq No:	7886339
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD	Limit Qual
Lead	98.32	1.00	100.0		98.3	85	115				
Sample ID: 1711K77-001AMS	Client ID:				Uni	ts: ug/L	Prep	Date: 11/28	3/2017	Run No:	357783
SampleType: MS	TestCode:	Trace Elements by ICP/MS	S E200.8		Bat	chID: 252051	Anal	ysis Date: 11/28	3/2017	Seq No:	7886341
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD	Limit Qual
Lead	104.0	1.00	100.0	4.729	99.2	70	130				
Sample ID: <b>1711K77-001AMSD</b>	Client ID:				Uni	ts: ug/L	Prep	Date: 11/28	3/2017	Run No:	357783
SampleType: MSD	TestCode:	Trace Elements by ICP/MS	S E200.8		Bat	chID: <b>252051</b>	Anal	ysis Date: 11/28	3/2017	Seq No:	7886342
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD	Limit Qual
Lead	103.2	1.00	100.0	4.729	98.5	70	130	104.0	0.720	2	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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