February 27, 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 Stephenson Middle School (Facility ID #0397) 922 Stephenson Road, Stone Mountain, Georgia 30087 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 Stephenson Middle School (Facility ID #0397). Samples were collected on February 10, 2017, and analytical results were received from Analytical Environmental Services, Inc., on February 24, 2017.

FINDINGS

AEM collected 66 drinking water samples from 33 sources at Stephenson Middle School (Facility ID #0397), 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.

One of the sources sampled had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 parts per billion. This source is indicated in bold and shaded font in the attached table.

Mr. Joshua Williams—DeKalb County School District February 27, 2017 Page 2

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

Sincerely,

Atlanta Environmental Management, Inc.

Leona Miles, CHMM Senior Project Manager

Janet T. Hart President

/krf

cc: Daniel Drake (DCSD)

Tracee Hill (DCSD)

Sandra Glenn (DeKalb County Watershed Management)

Ryan Cira (DeKalb Board of Health)

Attachment: Table



Stephenson Middle School



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)	
•	Initial Draw sample; Upper Left wall mounted Oasis Drinking Fountain near back left Gym			
0397-021017-DF-001-A	entrance	2/10/17 5:06 AM	None Detected	
	Flush sample; Upper Left wall mounted Oasis Drinking Fountain near back left Gym			
0397-021017-DF-001-B	entrance	2/10/17 5:07 AM	1.35	
	Initial Draw sample; Lower Right wall mounted Oasis Drinking Fountain near back left Gym			
0397-021017-DF-002-A	entrance	2/10/17 5:08 AM	4.45	
	Flush sample; Lower Right wall mounted Oasis Drinking Fountain near back left Gym			
0397-021017-DF-002-B	entrance	2/10/17 5:09 AM	6.24	
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway back right			
0397-021017-DF-003-A	of Gym entrance	2/10/17 5:15 AM	None Detected	
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway back right of			
0397-021017-DF-003-B	Gym entrance	2/10/17 5:16 AM	None Detected	
	Initial Draw sample; Lower Right wall mounted Oasis Drinking Fountain in hallway back			
0397-021017-DF-004-A	right of Gym entrance	2/10/17 5:17 AM	None Detected	
	Flush sample; Lower Right wall mounted Oasis Drinking Fountain in hallway back right of			
0397-021017-DF-004-B	Gym entrance	2/10/17 5:18 AM	None Detected	
	Initial Draw sample; Lower Right wall mounted Oasis Drinking Fountain in Gym vestibule			
0397-021017-DF-006-A	close to Rm 304	2/10/17 4:59 AM	None Detected	
	Flush sample; Lower Right wall mounted Oasis Drinking Fountain in Gym vestibule close to			
0397-021017-DF-006-B	Rm 304	2/10/17 5:00 AM	None Detected	
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near Rm			
0397-021017-DF-007-A	405	2/10/17 5:23 AM	None Detected	
0397-021017-DF-007-В	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near Rm 405	2/10/17 5:24 AM	None Detected	
	Initial Draw sample; Lower Right wall mounted Oasis Drinking Fountain in hallway near Rm			
0397-021017-DF-008-A	405	2/10/17 5:25 AM	None Detected	
0397-021017-DF-008-B	Flush sample; Lower Right wall mounted Oasis Drinking Fountain in hallway near Rm 405	2/10/17 5:26 AM	None Detected	

Stephenson Middle School



			Lead Test Results	
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)	
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway to left of			
0397-021017-DF-009-A	Box Office and across from Media Center	2/10/17 5:27 AM	None Detected	
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway to left of Box			
0397-021017-DF-009-B	Office and across from Media Center	2/10/17 5:28 AM	None Detected	
	Initial Draw sample; Lower Right wall mounted Oasis Drinking Fountain in hallway to left of			
0397-021017-DF-010-A	Box Office and across from Media Center	2/10/17 5:29 AM	None Detected	
	Flush sample; Lower Right wall mounted Oasis Drinking Fountain in hallway to left of Box			
0397-021017-DF-010-B	Office and across from Media Center	2/10/17 5:30 AM	None Detected	
Initial Draw sample; Lower Right wall mounted Oasis Drinking Fountain in Cafeteria Rm 94		2/10/17 5:17 AM	None Detected	
0397-021017-DF-011-B Flush sample; Lower Right wall mounted Oasis Drinking Fountain in Cafeteria Rr		2/10/17 5:18 AM	None Detected	
0397-021017-DF-012-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Cafeteria Rm 94	2/10/17 5:19 AM	None Detected	
0397-021017-DF-012-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Cafeteria Rm 94	2/10/17 5:20 AM	None Detected	
	Initial Draw sample; Upper Left wall mounted Oasis Drinking Fountain in hallway Right of			
0397-021017-DF-013-A	Teachers Lounge Rm 95	2/10/17 4:59 AM	None Detected	
	Flush sample; Upper Left wall mounted Oasis Drinking Fountain in hallway to the Right of			
0397-021017-DF-013-B	Teachers Lounge Rm 95	2/10/17 5:00 AM	None Detected	
	Initial Draw sample; Lower Right wall mounted Oasis Drinking Fountain in hallway to the			
0397-021017-DF-014-A	Right of Teachers Lounge Rm 95	2/10/17 5:01 AM	None Detected	
	Flush sample; Lower Right wall mounted Oasis Drinking Fountain in hallway to the Right of			
0397-021017-DF-014-B	Teachers Lounge Rm 95	2/10/17 5:02 AM	None Detected	
	Initial Draw sample; Lower Right wall mounted Oasis Drinking Fountain in hallway to the			
0397-021017-DF-015-A	Right Rm 109	2/10/17 5:07 AM	None Detected	
	Flush sample; Lower Right wall mounted Oasis Drinking Fountain in hallway to the Right of			
0397-021017-DF-015-B	Rm 109	2/10/17 5:08 AM	None Detected	

Stephenson Middle School



			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Initial Draw sample; Upper Left wall mounted Oasis Drinking Fountain in hallway to the		
0397-021017-DF-016-A	Right of Rm 109	2/10/17 5:09 AM	None Detected
	Flush sample; Upper Left wall mounted Oasis Drinking Fountain in hallway to the Right of		
0397-021017-DF-016-B	Rm 109	2/10/17 5:10 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
0397-021017-DF-017-A	from Rm 125	2/10/17 5:28 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
0397-021017-DF-017-B	Rm 125	2/10/17 5:29 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across		
0397-021017-DF-018-A	from Rm 125	2/10/17 5:30 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm		
0397-021017-DF-018-B	125	2/10/17 5:31 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Oasis Drinking Fountain in hallway to right		
0397-021017-DF-021-A	of Rm 205; leaking upon arrival	2/10/17 5:24 AM	None Detected
	Flush sample; Lower Right wall mounted Oasis Drinking Fountain in hallway to right of Rm		
0397-021017-DF-021-B	205; leaking upon arrival	2/10/17 5:25 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Oasis Drinking Fountain in hallway to right of		
0397-021017-DF-022-A	Rm 205	2/10/17 5:26 AM	None Detected
	Flush sample; Upper Left wall mounted Oasis Drinking Fountain in hallway to right of Rm		
0397-021017-DF-022-B	205	2/10/17 5:27 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway next to		
0397-021017-DF-023-A	Rm 220	2/10/17 5:22 AM	None Detected
0397-021017-DF-023-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway next to Rm 220	2/10/17 5:23 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway next to		
0397-021017-DF-024-A	Rm 220	2/10/17 5:20 AM	None Detected
0397-021017-DF-024-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway next to Rm 220	2/10/17 5:21 AM	None Detected

Stephenson Middle School



Constallation		Commission of Times	Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Initial Draw sample; Sampled middle right sink from the entrance in Girls RR to right of Rm	1	
0397-021017-RS-001-A	115	2/10/17 5:15 AM	None Detected
0397-021017-RS-001-В	Flush sample; Sampled middle right sink from the entrance in Girls RR to right of Rm 115	2/10/17 5:17 AM	None Detected
0397-021017-RS-002-A	Initial Draw sample; Sampled Mens RR next to Rm 405	2/10/17 5:31 AM	None Detected
0397-021017-RS-002-B	Flush sample; Sampled Mens RR next to Rm 405	2/10/17 5:32 AM	None Detected
0397-021017-TL-001-A	Initial Draw sample; Only sink in Teachers Lounge Rm 95	2/10/17 5:38 AM	None Detected
0397-021017-TL-001-B	Flush sample; Only sink in Teachers Lounge Rm 95	2/10/17 5:39 AM	None Detected
0397-021017-CS-001-A	Initial Draw sample; Only Food Prep Sink in Kitchen; Dripping on arrival	2/10/17 5:05 AM	None Detected
0397-021017-CS-001-B	Flush sample; Only Food Prep Sink in Kitchen; Dripping on arrival	2/10/17 5:06 AM	None Detected
0397-021017-CS-002-A	Initial Draw sample; Sink in Kitchen 1 in Rm 216	2/10/17 5:01 AM	None Detected
0397-021017-CS-002-B	Flush sample; Sink in Kitchen 1 in Rm 216	2/10/17 5:02 AM	None Detected
0397-021017-CS-003-A	Initial Draw sample; Sink in Kitchen 2 in Rm 216	2/10/17 5:03 AM	None Detected
0397-021017-CS-003-B	Flush sample; Sink in Kitchen 2 in Rm 216	2/10/17 5:04 AM	None Detected
0397-021017-CS-004-A	Initial Draw sample; Sink in Kitchen 3 in Rm 216; Dripping on arrival	2/10/17 5:05 AM	1.15
0397-021017-CS-004-B	Flush sample; Sink in Kitchen 3 in Rm 216; Dripping on arrival	2/10/17 5:06 AM	None Detected
0397-021017-CS-005-A	Initial Draw sample; Sink in Kitchen 4 in Rm 216	2/10/17 5:07 AM	1.29
0397-021017-CS-005-B	Flush sample; Sink in Kitchen 4 in Rm 216	2/10/17 5:08 AM	None Detected
0397-021017-CS-006-A	Initial Draw sample; Sink in center of classroom in Rm 216	2/10/17 5:09 AM	None Detected
0397-021017-CS-006-B	Flush sample; Sink in center of classroom in Rm 216	2/10/17 5:10 AM	None Detected
0397-021017-CS-007-A	Initial Draw sample; Sink in far back left corner of Rm 216; Handwash sink	2/10/17 5:15 AM	40.1
0397-021017-CS-007-B	Flush sample; Sink in far back left corner of Rm 216; Handwash sink	2/10/17 5:16 AM	1.26

Stephenson Middle School



922 Stephenson Road, Stone Mountain, GA 30087

Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0397-021017-IM-001-A	Hoshizaki Ice Machine to right of Food Prep sink in Kitchen	2/10/17 5:09 AM	None Detected
0397-021017-SC-001-A	Service connection entry into building	2/10/17 4:54 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

December 5, 2017

Via E-Mail: Joshua_l_williams@dekalbschoolsga.org

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

Re: Final Technical Lead in Drinking Water Sampling Report Stephenson Middle School (Facility ID #0397) 922 Stephenson Road, Stone Mountain, Georgia 30087 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 Stephenson Middle School (Facility ID #0397).

Initial sampling was conducted on February 10, 2017, and analytical results were received from Analytical Environmental Services, Inc., on February 24, 2017. Additional drinking water samples from select source units were collected on October 13, 2017, and November 14, 2017, and analytical results were received from Analytical Environmental Services, Inc., on October 25, 2017, and November 17, 2017.

FINDINGS

Initial Testing

AEM collected 66 drinking water samples from 33 sources at Stephenson Middle School (Facility ID #0397), 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.

One of the sources sampled (CS-007) had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 parts per billion (ppb). This source is indicated in bold and shaded font in the attached table.

Mr. Joshua Williams—DeKalb County School District December 5, 2017 Page 2

Initial Sample Results of Previously Identified Inoperable Source Units

During the initial sampling event on February 10, 2017, one source unit (DF-005) was inoperable and could not be sampled. DCSD made repairs to the inoperable source unit, and AEM collected two drinking water samples on October 13, 2017.

None of the samples from this source unit had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 parts per billion (ppb). A description of the drinking water outlet sampled and a summary of sample analytical results are provided in Table 1.

Sample Results of Previously Identified Source Units That Exceeded 15 ppb

During the initial sampling event on February 10, 2017, one source unit (CS-007) was sampled and the analytical results indicated that the results were above EPA's action level of 15 ppb. DCSD repaired the source unit and AEM collected two drinking water samples on November 14, 2017. None of the samples collected contained lead at a concentration exceeding 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.

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

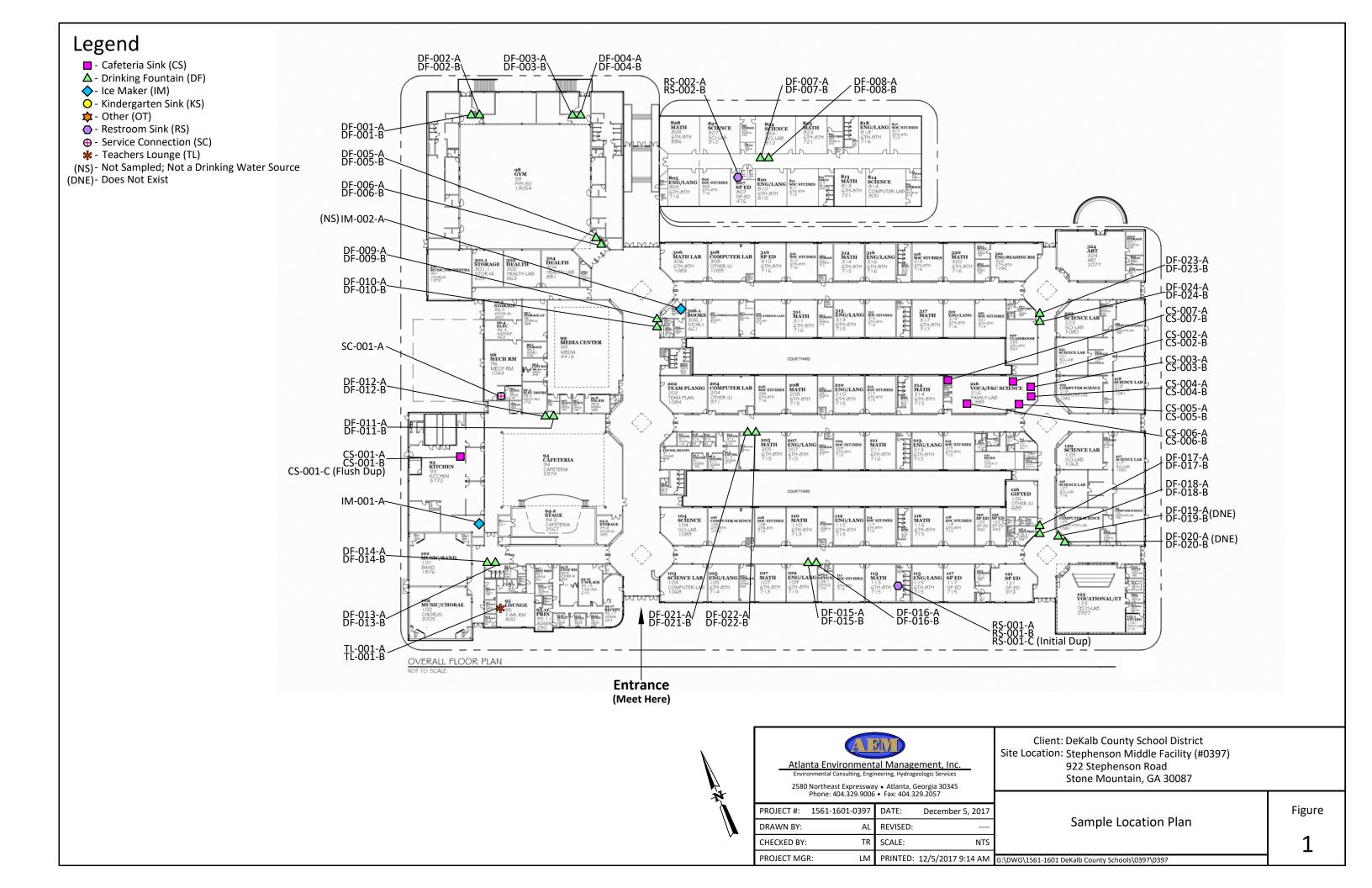
/krf

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



FIGURE





TABLE



Stephenson Middle Facility



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)	
·	Initial Draw sample; Upper Left wall mounted Oasis Drinking Fountain near back left Gym			
0397-021017-DF-001-A	entrance	2/10/17 5:06 AM	None Detected	
	Flush sample; Upper Left wall mounted Oasis Drinking Fountain near back left Gym			
0397-021017-DF-001-B	entrance	2/10/17 5:07 AM	1.35	
	Initial Draw sample; Lower Right wall mounted Oasis Drinking Fountain near back left Gym			
0397-021017-DF-002-A	entrance	2/10/17 5:08 AM	4.45	
	Flush sample; Lower Right wall mounted Oasis Drinking Fountain near back left Gym			
0397-021017-DF-002-B	entrance	2/10/17 5:09 AM	6.24	
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway back right			
0397-021017-DF-003-A	of Gym entrance	2/10/17 5:15 AM	None Detected	
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway back right of			
0397-021017-DF-003-B	Gym entrance	2/10/17 5:16 AM	None Detected	
	Initial Draw sample; Lower Right wall mounted Oasis Drinking Fountain in hallway back			
0397-021017-DF-004-A	right of Gym entrance	2/10/17 5:17 AM	None Detected	
	Flush sample; Lower Right wall mounted Oasis Drinking Fountain in hallway back right of			
0397-021017-DF-004-B	Gym entrance	2/10/17 5:18 AM	None Detected	
	Not Sampled; Upper Left wall mounted Oasis Drinking Fountain in Gym vestibule close to			
0397-021017-DF-005-A	Rm 304; inoperable	NS	NS	
	Not Sampled; Upper Left wall mounted Oasis Drinking Fountain in Gym vestibule close to			
0397-021017-DF-005-B	Rm 304; inoperable	NS	NS	
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Gym vestibule			
0397-101317-DF-005-A	close to Rm 304	10/13/17 5:14 AM	None Detected	
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Gym vestibule close to			
0397-101317-DF-005-B	Rm 304	10/13/17 5:15 AM	None Detected	
	Initial Draw sample; Lower Right wall mounted Oasis Drinking Fountain in Gym vestibule			
0397-021017-DF-006-A	close to Rm 304	2/10/17 4:59 AM	None Detected	
	Flush sample; Lower Right wall mounted Oasis Drinking Fountain in Gym vestibule close to			
0397-021017-DF-006-B	Rm 304	2/10/17 5:00 AM	None Detected	

Stephenson Middle Facility



Canada ID*	Consula Location Description	Sample Date & Time	Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near Rm		
0397-021017-DF-007-A	405	2/10/17 5:23 AM	None Detected
0397-021017-DF-007-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near Rm 405	2/10/17 5:24 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Oasis Drinking Fountain in hallway near Rm		
0397-021017-DF-008-A	7-021017-DF-008-A 405		None Detected
0397-021017-DF-008-B	Flush sample; Lower Right wall mounted Oasis Drinking Fountain in hallway near Rm 405	2/10/17 5:26 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway to left of		
0397-021017-DF-009-A	Box Office and across from Media Center	2/10/17 5:27 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway to left of Box		
0397-021017-DF-009-B	Office and across from Media Center	2/10/17 5:28 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Oasis Drinking Fountain in hallway to left of		
0397-021017-DF-010-A	Box Office and across from Media Center	2/10/17 5:29 AM	None Detected
	Flush sample; Lower Right wall mounted Oasis Drinking Fountain in hallway to left of Box		
0397-021017-DF-010-В	Office and across from Media Center	2/10/17 5:30 AM	None Detected
0397-021017-DF-011-A	Initial Draw sample; Lower Right wall mounted Oasis Drinking Fountain in Cafeteria Rm 94	2/10/17 5:17 AM	None Detected
0397-021017-DF-011-B	Flush sample; Lower Right wall mounted Oasis Drinking Fountain in Cafeteria Rm 94	2/10/17 5:18 AM	None Detected
0397-021017-DF-012-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in Cafeteria Rm 94	2/10/17 5:19 AM	None Detected
0397-021017-DF-012-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in Cafeteria Rm 94	2/10/17 5:20 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Oasis Drinking Fountain in hallway Right of		
0397-021017-DF-013-A	Teachers Lounge Rm 95	2/10/17 4:59 AM	None Detected
	Flush sample; Upper Left wall mounted Oasis Drinking Fountain in hallway to the Right of		
0397-021017-DF-013-B	Teachers Lounge Rm 95	2/10/17 5:00 AM	None Detected

Stephenson Middle Facility



		Countle Date & Time	Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Initial Draw sample; Lower Right wall mounted Oasis Drinking Fountain in hallway to the	- 4 - 4	
0397-021017-DF-014-A	Right of Teachers Lounge Rm 95	2/10/17 5:01 AM	None Detected
	Flush sample; Lower Right wall mounted Oasis Drinking Fountain in hallway to the Right of		
0397-021017-DF-014-B	Teachers Lounge Rm 95	2/10/17 5:02 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Oasis Drinking Fountain in hallway to the	2/10/17 5:07 AM	
0397-021017-DF-015-A			None Detected
	Flush sample; Lower Right wall mounted Oasis Drinking Fountain in hallway to the Right of		
0397-021017-DF-015-B	Rm 109	2/10/17 5:08 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Oasis Drinking Fountain in hallway to the		
0397-021017-DF-016-A	Right of Rm 109	2/10/17 5:09 AM	None Detected
	Flush sample; Upper Left wall mounted Oasis Drinking Fountain in hallway to the Right of		
0397-021017-DF-016-B	Rm 109	2/10/17 5:10 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across		
0397-021017-DF-017-A	from Rm 125	2/10/17 5:28 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from		
0397-021017-DF-017-B	Rm 125	2/10/17 5:29 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across		
0397-021017-DF-018-A	from Rm 125	2/10/17 5:30 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm		
0397-021017-DF-018-B	125	2/10/17 5:31 AM	None Detected
0397-021017-DF-019-A	Source Unit Does Not Exist		
0397-021017-DF-019-B	Source Unit Does Not Exist		
0397-021017-DF-020-A	Source Unit Does Not Exist		
0397-021017-DF-020-B	Source Unit Does Not Exist		
	Initial Draw sample; Lower Right wall mounted Oasis Drinking Fountain in hallway to right		
0397-021017-DF-021-A	of Rm 205; leaking upon arrival	2/10/17 5:24 AM	None Detected
	Flush sample; Lower Right wall mounted Oasis Drinking Fountain in hallway to right of Rm		
0397-021017-DF-021-B	205; leaking upon arrival	2/10/17 5:25 AM	None Detected

Stephenson Middle Facility



			Lead Test Results	
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)	
	Initial Draw sample; Upper Left wall mounted Oasis Drinking Fountain in hallway to right of			
0397-021017-DF-022-A	Rm 205	2/10/17 5:26 AM	None Detected	
	Flush sample; Upper Left wall mounted Oasis Drinking Fountain in hallway to right of Rm			
0397-021017-DF-022-B	205	2/10/17 5:27 AM	None Detected	
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway next to			
0397-021017-DF-023-A	97-021017-DF-023-A Rm 220		None Detected	
0397-021017-DF-023-В	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway next to Rm 220	2/10/17 5:23 AM	None Detected	
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway next to			
397-021017-DF-024-A Rm 220		2/10/17 5:20 AM	None Detected	
0397-021017-DF-024-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway next to Rm 220	2/10/17 5:21 AM	None Detected	
	Initial Draw sample; Sampled middle right sink from the entrance in Girls RR to right of Rm			
0397-021017-RS-001-A	115	2/10/17 5:15 AM	None Detected	
0397-021017-RS-001-В	Flush sample; Sampled middle right sink from the entrance in Girls RR to right of Rm 115	2/10/17 5:17 AM	None Detected	
	Initial Draw Duplicate sample; Sampled middle right sink from the entrance in Girls RR to			
0397-021017-RS-001-C	right of Rm 115	2/10/17 5:16 AM	None Detected	
0397-021017-RS-002-A	Initial Draw sample; Sampled Mens RR next to Rm 405	2/10/17 5:31 AM	None Detected	
0397-021017-RS-002-B	Flush sample; Sampled Mens RR next to Rm 405	2/10/17 5:32 AM	None Detected	
0397-021017-TL-001-A	Initial Draw sample; Only sink in Teachers Lounge Rm 95	2/10/17 5:38 AM	None Detected	
0397-021017-TL-001-B	Flush sample; Only sink in Teachers Lounge Rm 95	2/10/17 5:39 AM	None Detected	
0397-021017-CS-001-A	Initial Draw sample; Only Food Prep Sink in Kitchen; Dripping on arrival	2/10/17 5:05 AM	None Detected	
0397-021017-CS-001-B	Flush sample; Only Food Prep Sink in Kitchen; Dripping on arrival	2/10/17 5:06 AM	None Detected	
0397-021017-CS-001-C	Flush Duplicate sample; Only Food Prep Sink in Kitchen; Dripping on arrival	2/10/17 5:07 AM	None Detected	
0397-021017-CS-002-A	Initial Draw sample; Sink in Kitchen 1 in Rm 216	2/10/17 5:01 AM	None Detected	
0397-021017-CS-002-B	Flush sample; Sink in Kitchen 1 in Rm 216	2/10/17 5:02 AM	None Detected	
0397-021017-CS-003-A	Initial Draw sample; Sink in Kitchen 2 in Rm 216	2/10/17 5:03 AM	None Detected	

Stephenson Middle Facility



922 Stephenson Road, Stone Mountain, GA 30087

			Lead Test
			Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
0397-021017-CS-003-B	Flush sample; Sink in Kitchen 2 in Rm 216	2/10/17 5:04 AM	None Detected
0397-021017-CS-004-A	Initial Draw sample; Sink in Kitchen 3 in Rm 216; Dripping on arrival	2/10/17 5:05 AM	1.15
0397-021017-CS-004-В	Flush sample; Sink in Kitchen 3 in Rm 216; Dripping on arrival	2/10/17 5:06 AM	None Detected
0397-021017-CS-005-A	Initial Draw sample; Sink in Kitchen 4 in Rm 216	2/10/17 5:07 AM	1.29
0397-021017-CS-005-B	Flush sample; Sink in Kitchen 4 in Rm 216	2/10/17 5:08 AM	None Detected
0397-021017-CS-006-A	Initial Draw sample; Sink in center of classroom in Rm 216	2/10/17 5:09 AM	None Detected
0397-021017-CS-006-В	Flush sample; Sink in center of classroom in Rm 216	2/10/17 5:10 AM	None Detected
0397-021017-CS-007-A	Initial Draw sample; Sink in far back left corner of Rm 216; Handwash sink	2/10/17 5:15 AM	40.1
0397-021017-CS-007-В	Flush sample; Sink in far back left corner of Rm 216; Handwash sink	2/10/17 5:16 AM	1.26
0397-111417-CS-007-A	Initial Draw sample; Retest Sink in far back left corner of Rm 216; Handwash sink	11/14/17 5:07 AM	2.86
0397-111417-CS-007-B	Flush sample; Retest Sink in far back left corner of Rm 216; Handwash sink	11/14/17 5:08 AM	None Detected
0397-021017-IM-001-A	A Hoshizaki Ice Machine to right of Food Prep sink in Kitchen		None Detected
	Not Sampled; In Concession Stand to right of Rm 307; DCSD determined not a drinking		
0397-021017-IM-002-A	water source		
0397-021017-SC-001-A	Service connection entry into building	2/10/17 4:54 AM	None Detected

Notes:

ppb-parts per billion

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

(--): Source Sample Locations were previously identified by DCSD; however upon arrival to collect samples, source unit was not located NS-Source unit was inoperable during initial sampling on 2/10/17.

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

ATTACHMENT A AEM Field Sampling Forms



FACILITY NAME:

STEPHENSON MIDDLE FACILITY

FACILITY ID:

0397

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
2/10/17	0459	0397 - 021017 - DF-013-A	to right of the 95	In room Hallway	Upper Left Oasis DF- WM	KTW
2/10/17	0500	0397 - 021017 - DF - 013-8		In room Hallway	SAA	KtW
2/10/17	0501	0397 - 021017 - DF - 014 - A		In room	Lower right Oasis DF-	KW
2/10/17	0502	0397 - 021017 - DF - 014 -B		In room Hallway	SAA	KtW
2/10/17	0507	0397 - 021017 - DF - 015 - A	to right of rm 109	In room Hallway	Lower right Oasis DF-WM	KW
2/10/17	0508	0397 - 021017 - DF-015-B		In room Hallway	SAA	KW
2/10/17	0509	0397 - 021017 - DF-016-A		In room Hallway	Upper Left Oasis DF www.	K-tw
2/10/17	0510	0397 - 021017 - DF - 016 - B		In room Hallway	SAA	KTW
2/10/17		0397 - 021017 - DF-019-A+B		In room Hallway	Do not exist	
2/10/17		0397 - 021017 - DF-020-A+B		In room Hallway	Do not exist	

FACILITY NAME:

STEPHENSON MIDDLE FACILITY

FACILITY ID:

0397

	DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	middle right DESCRIPTION	SAMPLER INIT.
,	2/10/17	0515	0397 - 021017 - RS - 001- A	in girls RR to right of rm 115	In room Hallway	Second sink to the right from I I I I entrance	KtW
	2/10/17	0517	0397 - 021017 - RS-001 - B		In room Hallway	SAA	KTW
-	2/10/17	0516	0397 - 021017 - RS-001-C		In room Hallway	SAA initial duo.	KTW
, -	2/10/17	0524	0397 - 021017 - DF-021-A	to right of rm 205	In room Hallway	LOWER ingut Dasis DF- WM-leaking upon arrival	KW
/	2/10/17	0525	0397 - 021017 - DF-021-B		In room Hallway	SAA	KW
	2/10/17	0526	0397 - 021017 - DF-022-A		In room Hallway	Upper Left Oasis DF-WM	KTW
	2/10/17	0527	0397 - 021017 - DF - 022-B		In room Hallway	SAA	KIW
	2/10/17		0397 - 021017 -		In room Hallway		
	2/10/17		0397 - 021017 -		In room Hallway		
	2/10/17		0397 - 021017 -		In room Hallway		

FACILITY NAME:

STEPHENSON MIDDLE FACILITY

FACILITY ID:

0397

	DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
2	2/10/17	0515	0397 - 021017 - DF - 003-A	Back right GyEntrake	In room Hallway	upper left Elkay	C/J-
2	2/10/17	0516	0397 - 021017 - DF -003 - B		In room Hallway		
/ 2	2/10/17	0517	0397 - 021017 - 0F-004-A	* *	In room (Hallway)	lone, right Oasis	
2	2/10/17	0518	0397 - 021017 - DF-004-B	`(In room Hallway		
2 2	2/10/17	0523	0397 - 021017 - DF-007-A	405	In room Hallway	Upper left Elkay	
2	2/10/17	0524	0397 - 021017 - DF-CUT-B		In room Hallway		
2	2/10/17	0525	0397 - 021017 - OF -008 -A		In room Hallway	lower right Davis	To any property of the second
2	2/10/17	0526	0397 - 021017 - DF-008-B		In room Hallway		D VO Stransverschild Address American
2	/10/17	0531	0397 - 021017 - RS-002-A	next to 405	(In room) Hallway	Sample from men's Rm sink	
2	/10/17	0532	0397 - 021017 - RS-002-B	\\	In room Halfway		V

FACILITY NAME: STEPHENSO

STEPHENSON MIDDLE FACILITY

FACILITY ID:

0397

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
2/10/17	CMD	0397 - 021017 - DT-005-A	Gym vestibule close to 304	In room Hallway	in operable	(/)
2/10/17	CMO	0397 - 021017 - DF-065-B	Ac	In room Hallway		· ·
2/10/17	0459	0397 - 021017 - DF -CO6 -A		In room Hallway	Lower right Clasis	
2/10/17	0500	0397 - 021017 - NF 006-B	4	In room Hallway	``	
2/10/17	0506	0397 - 021017 - DF-001-A	Backleft gym evitrance	In room Hallway	upper left Gasis	
2/10/17	0507	0397 - 021017 - DF-001-B	**	In room Hallway	11	
2/10/17	0508	0397 - 021017 - DF-002-A	* 1	In room Hallway	loner right Casis	
2/10/17	0509	0397 - 021017 - DF-002-B	١,	In room Hallway	i s	
2/10/17		0397 - 021017 -		In room Hallway		
2/10/17		0397 - 021017 -		In room Hallway		

FACILITY NAME: STEPHENSON MIDDLE FACILITY FACILITY ID: 0397

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
2/10/17	3454	0397 - 021017 - SC-001-A	96	In room Hallway	RR in boiler room	A
2/10/17	0505	0397 - 021017 - (5-001-1)	14:tchen	n room Hallway	ONLY FOOD Prep SINK in	M
2/10/17	0506	0397 - 021017 - (S-00) - B	1,	la room Hallway	()	AT
2/10/17	0567	0397 - 021017 - (5-001-C	1.0	in room Hallway	Flush elup	A
2/10/17	OSCO	0397 - 021017 - IM-001 - A	ħ	In room Hallway	Hoshizaka Icemachine	Al
2/10/17	0517	0397 - 021017 - DF-011 -A	Cafetain 94	In room Hallway	Lower right basis win	Al
2/10/17	0518	0397 - 021017 - DF-011-B	N.V.	1n room Hallway	t v	A
2/10/17	0519	0397 - 021017 - DF-012-A	, (In room Hallway	UPPER LEFT EIKGY WM DF	AT
2/10/17	0520	0397 - 021017 - DF-012-B	, \	In room Hallway	į į	M
2/10/17		0397 - 021017 -		In room Hallway		

FACILITY NAME: STEPHENSON MIDDLE FACILITY FACILITY ID: 0397

	DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
	2/10/17	0527	0397 - 021017 - D-009-A	center	In room Hallway	Upper Left Elkay win	AT
,	2/10/17	0578	0397 - 021017 - DF - OOG - B	C	In room Hallway	C,	MI
	2/10/17	0579	0397 - 021017 - DF-0(0-A	ę t	In room Hallway	Lower right agsis wm DF	A
	2/10/17	0530	0397 - 021017 - DF-010-B	(\	In room Hallway	\ (A
	2/10/17	_	0397 - 021017 - IM - OOZ - A	Consession Stand to Cight of RM	In room Hallway	inoperable	A
	2/10/17	0538	0397 - 021017 - TL-001-A	Teachers Louinse 95	In room Hallway	Only Sink in TC	A
	2/10/17	0539	0397 - 021017 - TL-COI-B	U	In room Hallway	((AT
	2/10/17		0397 - 021017 -		In room Hallway		
	2/10/17		0397 - 021017 -		In room Hallway		
7	2/10/17		0397 - 021017 -		In room Hallway		

FACILITY NAME: STEPHENSON MIDDLE FACILITY FACILITY ID: 0397

	DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
	2/10/17	0528	0397 - 021017 - OF - OI7-A	125	In room Hallway	um Right Elkan	4
	2/10/17	0529	0397 - 021017 - DF- 017-B		In room (Hallway	U U	4
1	2/10/17	0536	0397 - 021017 - Of -018 A		In room Hallway	upper lett Elkery win	4
	2/10/17	0531	0397 - 021017 - DF - 618-B		In room Hallway	(1)	4
/	2/10/17	0522	0397 - 021017 - Of - 023-A	next to	In room Hallway	lower Right Elkery	UL
	2/10/17	0523	0397 - 021017 - OF - 023-B		In room Hallway	(1)	4
	2/10/17	0520	0397 - 021017 - DE - D24-A		In room Hallway	upper left Elkayium	1/2
1	2/10/17	0521	0397 - 021017 - DE- 024-B	W	In room Hallway	0	
	2/10/17	0515	0397 - 021017 - CS - W - A	in RM	in room Hallway	sink in far back left corner of Rm.	4
	2/10/17	0516	0397 - 021017 - CS-W7-B	W	In room Hallway	nandwash sink	4

FACILITY NAME: STEPHENSON MIDDLE FACILITY

FACILITY ID: 0397

	DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
/	2/10/17	0501	0397 - 021017 - C5-002 - 1	in Rm Olle	In room Hallway	sink in litanen!	Ш
/	2/10/17	0502	0397 - 021017 - CS-007 - B		In room Hallway	W ()	4
_	2/10/17	0503	0397 - 021017 - 5-003-4		ln room Hallway	sink in katchen 2	4
	2/10/17	0504	0397 - 021017 - C5- 003-13		la room Hallway	()	4
	2/10/17	0505	0397 - 021017 - C5- W4- A		in room Hallway	sink in Kitchen 3 leaking in annual	Ш
	2/10/17	0506	0397 - 021017 - CS-WY-B		In room Hallway	(/	4
	2/10/17	0507	0397 - 021017 - CS- 005 - A		la room Hallway	Sink in Katchen 4	4
	2/10/17	0208	0397 - 021017 - C5- W5-B	T	In room Hallway	(1)	4
	2/10/17	0509	0397 - 021017 - CS - 00 6 - A		In room Hallway	OF Classywan	44
	2/10/17	0210	0397 - 021017 - CS - OU LE-B	5	In room Hallway	0	4

FACILITY NAME:

STEPHENSON MIDDLE FACILITY

FACILITY ID:

0397

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
10/13/17	0514	0397 - 101317 - DF - 005-A	Carm	In room Hallway	upper Left El/ay wm Do sust inside Gym entrance	A
10/13/17	0515	0397 - 101317 - DF -005-B	arm	In room Hallway	. ŧc	A
10/13/17		0397 - 101317 -		In room Hallway		
10/13/17		0397 - 101317 -		In room Hallway		
10/13/17		0397 - 101317 -		In room Hallway		
10/13/17		0397 - 101317 -		In room Hallway		
10/13/17		0397 - 101317 -		In room Hallway		
10/13/17		0397 - 101317 -		In room Hallway		
10/13/17		0397 - 101317 -		In room Hallway		
10/13/17		0397 - 101317 -		In room Hallway		TO THE PERSON NAMED IN COLUMN TO THE

FACILITY NAME:	STEPHENSON MIDDLE FACILITY	FACILITY ID:	0397

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
11/14/17	0507	0397 - 111417 - CS-007-A	214	In room Hallway	Single sink in back left Corner of room; adjacent to washer I driver	a
11/14/17	0508	0397 - 111417 - CS-W7 -B	216	In room Hallway	Fush	2au
11/14/17		0397 - 111417 -		In room Hallway		
11/14/17		0397 - 111417 -		In room Hallway		
11/14/17		0397 - 111417 -		In room Hallway		
11/14/17		0397 - 111417 -		In room Hallway		
11/14/17		0397 - 111417 -		In room Hallway		
11/14/17		0397 - 111417 -		in room Hallway		
11/14/17		0397 - 111417 -		In room Hallway		
11/14/17		0397 - 111417 -		In room Hallway		

ATTACHMENT B AES Laboratory Analytical Report



Leona Miles

From: NoReply@aesatlanta.net

Sent: Friday, February 24, 2017 3:28 PM

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

Subject: DCSD - 0397

Attachments: 1702788_REPORT.pdf; 1702788Invoice.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 24, 2017

Leona Miles Atlanta Environmental Mgmt 2580 NE Expresswav Atlanta GA 30345

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

RE: DCSD - 0397

Dear Leona Miles: Order No: 1702788

Analytical Environmental Services, Inc. received 66 samples on 2/10/2017 8:32:00 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.

Ioana Pacurar

Project Manager

IDana) Pacurar

Work Order: 1702788

AFS

3080 Presidential Drive, Atlanta GA 30340-3704

AES	1BL. (110) 437-6177 / 1OLD-1RLE (600) 712-4607/1 AA. (110) 437-6166												Date: <u>4</u>	10/1	Page 1 c	f	>				
OMPANY:	Atlanta Environmental Management, Inc	ADDRESS:	2580 Northe Atlanta, GA		oresswa	ny, NE	8.0			1	ANA	LYSIS	REC	QUEST	ED			1	isit our website w.aesatlanta.con	1	
HONE:	(404) 329-9006	FAX:	(404) 329	-2057	7		Total Pb Method 200.8												results, place bott	1	ainers
AMPLED BY:	Andy Jensen	SIGNATURE:	Mes	کدر	Manage ,		I Pb M												orders, etc.	1	No # of Containers
#	SAMPLE ID	SAN	MPLED		Composite	Matrix (See codes)	Tota				PRES	ERVA	IION	(See co	des)			REMARDF		-	* 0N
		DATE	TIME	Grab	Сош	Matr (See	I												KLWAKDI	_	
1	0397-021017-DF-001-A	2/10/2017	0506	X		DW	X													\bot	
2	0397-021017-DF-001-B	2/10/2017	0807	X		DW	X			[_							
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4	0397-021017-DF-002-B	2/10/2017	0 809	X		DW	X														
5	0397-021017-DF-003-A	2/10/2017	0515	X		DW	X														and the second
6	0397-021017-DF-003-B	2/10/2017	0516	X		DW	X														l
7	0397-021017-DF-004-A	2/10/2017	0517	X		DW	X														1
8	0397-021017-DF-004-B	2/10/2017	0518	X		DW	X													African	ĺ
9	0397-021017-DF-005-A	2/10/2017		_X	ALCONOMIC ACCORDING	-DW												No	ot Simpled		
10	0397-021017-DF-005-B	2/10/2017		X	A. Series and the ser	DW							Ì					No	t Saupled		
11	0397-021017-DF-006-A	2/10/2017	0459	X		DW	X														(magazin)
12	0397-021017-DF-006-B	2/10/2017	0.200	X		DW	χ														1 Olimondo
13	0397-021017-DF-007-A	2/10/2017	0523	X		DW	X														(
14	0397-021017-DF-007-B	2/10/2017	0524	X		DW	λ														i.
15	0397-021017-DF-008-A	2/10/2017	0525	X		DW	X													\top	1
ELINQUISHED			3 3 3			DATE/TIME			l		PRO	ECT I	NFO	RMAT	ION		· · · · · ·		RECEIPT		
Ales	- 41017 0832	Levi	ta G	hec	rie	2/10/13	PROJ	JECT N	NAME:		DCS	SD							Total # of Containers		
	<i>(</i>	2:					-	JECT #				1561- 0	1601 397					10	Turnaround Time Requi		
		3:																ŢŌ	2 Business Day Rush		
						SENI	D REPO	ORT T	O:	Leo	na M	liles	and	Tim 1	Royer		18	Next Business Day Rusl	ı		
PECIAL INSTR	UCTIONS/COMMENTS:	OUT /	SHIPMENT	Γ METHO VIA:	OD		INVOICE TO: (IF DIFFERENT FROM ABOVE)								Same Day Rush (auth r Other: 10 business Days						
reserve at the L	ab 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? Y/N; Fax? Y/N							N							
		GR	\				QUO	TE#:_						PO#:_			_	DATA	PACKAGE: I II	II IV	7
AMPLES REC	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS	RECEIVED ON	THE NEXT BU	SINESS I	OAY; IF	NO TAT IS	MARI	KED O	N CO	C AES	s wil	L PRO	CEE	D AS S	TAND.	ARD TA	т.				

SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

Work Order: 1702788

AES

PRESERVATIVE CODES:

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:	2/10/17	Page	2	of	5

COMPANY:	Atlanta Environmental Management, Inc						ANALYSIS REQUESTED								Vi	sit our website				
	G ,		Atlanta, G	A 30345			8.0											www	v.aesatlanta.com	
PHONE:	(404) 329-9006	FAX:	(404) 32	29-2057	7		Total Pb Method 200.8											1	eck on the status of esults, place bottle	iners
SAMPLED BY:	Amy Jeusen	SIGNATURE:		Sz	gyadatta Zillich A. v. v.		I Pb Mo												orders, etc.	No # of Containers
#	SAMPLE ID	SAN	MPLED	_	Composite	Matrix (See codes)	Tota				PRESI	ERVA'	TION (	See co	les)				DEMARKE	No %
		DATE	TIME	Grab	Comj	Matri (See	I												REMARDF	
1	0397-021017-DF-008-B	2/10/2017	0526	X		DW	X													aprille.
2	0397-021017-DF-009-A	2/10/2017	0527	X		DW	Χ													1
3	0397-021017-DF-009-B	2/10/2017	0528	X		DW	X													and0-sur-
4	0397-021017-DF-010-A	2/10/2017	0529	X		DW	X													-
5	0397-021017-DF-010-В	2/10/2017	0530	X		DW	X													· · · · · · · · · · · · · · · · · · ·
6	0397-021017-DF-011-A	2/10/2017	0517	X		DW	X													-teating
7	0397-021017-DF-011-B	2/10/2017	0518	X		DW	X													No.
8	0397-021017-DF-012-A	2/10/2017 US 19 X DW												and the second						
9	0397-021017-DF-012-B	2/10/2017	0520	X		DW	X													(
10	0397-021017-DF-013-A	2/10/2017	0459	X		DW	X													y,eecco
11	0397-021017-DF-013-B	2/10/2017	0500	X		DW	X													**************************************
12	0397-021017-DF-014-A	2/10/2017	0501	X		DW	X													
13	0397-021017-DF-014-B	2/10/2017	0502	X		DW	ιX													********
14	0397-021017-DF-015-A	2/10/2017	0507	X		DW	X													Thomas .
15	0397-021017-DF-015-B	2/10/2017	0508	X		DW	X													
RELINQUISHED	BY DATE/TIME	RECEIVED B	Y			DATE/TIME					PROJ	ECT I	NFOF	MAT	ON				RECEIPT	
" A Ded	x 2/10/17 0832	Le	uta	Cho		2 8:30		JECT	NAME:		DCS								Total # of Containers	
2: * /		25					_	JECT #			1	561-							Turnaround Time Request	
3:		3:					SITE	ADDI	RESS:			U	397						Standard 5 Business Days 2 Business Day Rush	
				SEND REPORT					ORT T	O:	Leon	na M	iles	and '	Γim R	oyer		18	Next Business Day Rush	
SPECIAL INSTRUCTIONS/COMMENTS:  SHIPMENT METHOD OUT / / VIA:						DICE T	ΓO: CENT F	ROM .	ABOV	/E)							Same Day Rush (auth req. Other: 10 business Days	)		
Preserve at the Lab 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? Y/N; Fax? Y/							· · · · · · · · · · · · · · · · · · ·	-							
		1	/	OTHER			QUO	TE #:_					]	PO#:				1	ACKAGE: I II III	IV
SAMPLES RECI	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS F	RECEIVED ON	THE NEXT B	USINESS I	AY; IF	NO TAT IS	MARI	KED O	ON CO	C AES	s WIL	L PRO	CEE	D AS S	TANDA	RD TAT	,			
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.				DE.																

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

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

Page 3 of 78

3080 Presidential Drive, Atlanta GA 30340-3704

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

Work Order: 1737788

Date: 2/10/17 Page 3 of 5

COMPANY:	Atlanta Environmental Management, Inc	ADDRESS:	2580 Nort	heast Exp	ressw	ay, NE				AN	ALYS	IS RE	QUES'	TED			Visit our website	
		Atlanta, GA 30345					8.00										www.aesatlanta.com	
PHONE:	(404) 329-9006	FAX: (404) 329-2057				Method 200.8										to check on the status of your results, place bottle		
SAMPLED BY:	Andy Jewsen	SIGNATURE: A7 C S C				Total Pb M	***************************************									orders, etc.	No # of Containers	
#	SAMPLE ID	SAN	MPLED .		site	(səpo	Tota			PR	ESERV	ATION	(See co	odes)				% %N
		DATE	TIME	Grab	Composite	Matrix (See codes)	1										REMARKS	
1	0397-021017-DF-016-A	2/10/2017	0509	X		DW	X											America
2	0397-021017-DF-016-B	2/10/2017	0510	X		DW	X											
3	0397-021017-DF-017-A	2/10/2017	0528	X		DW	У											1
4	0397-021017-DF-017-B	2/10/2017	0529	X		DW	V											-
5	0397-021017-DF-018-A	2/10/2017	0530	X		DW	X										·	1
6	0397-021017-DF-018-B	2/10/2017	0531	X		DW	X											10000
7	0397-021017-DF-019-A	2/10/2017		$-\mathbf{x}$		DW											Not Sawrled	
8	0397-021017-DF-019-B	2/10/2017		X		DW											not sampled	
9	03 <del>97-021017-DF-020-A</del>	2/10/2017		X		DW											Not Sankel	
10	0397-021017-DF-020-B	2/10/2017		X		DW				T							Not Saupled	
11	0397-021017-DF-021-A	2/10/2017	0524	X		DW	X											f _{acc}
12	0397-021017-DF-021-B	2/10/2017	0525	X		DW	X											1
13	0397-021017-DF-022-A	2/10/2017	0526	X		DW	X											- Assession
14	0397-021017-DF-022-B	2/10/2017	0527	X		DW	X											(
15	0397-021017-DF-023-A	2/10/2017	0522	X		DW	X											(
RELINQUISHED	BY DATE/TIME	RECEIVED B	Y			DATE/TIME				PR	OJEC:	FINFO	RMAT	TON			RECEIPT	
" Afes	2/10/17 0832	Lei	ita (	mer		1017 0:32	PROJ	ECT NA	AME:	D	CSD						Total # of Containers	
2:	,,,,,,	2:					PROJ	ECT#:			156	1-1601					Turnaround Time Request	
3.		3:					SITE	ADDRE	ESS:			0397	'				Standard 5 Business Days	
3.		3.					SENE	) REPO	RT TO	: Le	ona	Miles	and	Tim R	oyer		2 Business Day Rush Next Business Day Rush	
SPECIAL INSTRU	JCTIONS/COMMENTS:	OUT _/	SНІРМЕ /	NT METHO VIA:	D			ICE TO		ОМ АВ	OVE)						Same Day Rush (auth req. Other: 10 business Days	)
Preserve at the La	ab 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? Y/N; Fax? Y/N	
								ΓE #:					PO#:_				DATA PACKAGE: I <b>II</b> III	IV
li	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS F DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT						MARK	ED ON	COC	AES W	ILL PI	ROCEE	ED AS	STANDA	RD TAT.			

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

Page 4 of 78

Work Order: 1702788

AES

3080 Presidential Drive, Atlanta GA 30340-3704

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

Date:	2/10/17	Page _	4	of	5
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COMPANY: Atlanta Environmental M	ADDRESS:	2580 North	east Exp	resswa	ıy, NE				AN	ALYS	IS REG	QUES	ED			Visit our website		
		Atlanta, G	A 30345			Method 200.8										www.aesatlanta.com		
PHONE: (404) 329-9006	FAX:	FAX: (404) 329-2057														your results, place bottle	iners	
SAMPLED BY: And Tenser		SIGNATURE: Alex														orders, etc.	No # of Containers	
# SAMPLE		MPLED		ite	les)	Total Pb				CERV	ATION	(6					No # o	
# SAMPLE	DATE	TIME	Grab	Composite	Matrix (See codes)	I			TRI	JEKY.	TION	(See Cl	des)			REMARKS		
/ 0397-021017-DF-023-B	2/10/2017	0573	X		DW	X			1								(	
2 0397-021017-DF-024-A	2/10/2017	0520	X		DW	X											,	
3 0397-021017-DF-024-B	2/10/2017	0521	X		DW	X		·									-	
4 0397-021017-RS-001-A	2/10/2017	0515	X		DW	X											1	
5 0397-021017-RS-001-B	2/10/2017	0517	X		DW	X											1	
δ 0397-021017-RS-001-C	2/10/2017	0516	X		DW	X											uldeo	
7 0397-021017-TL-001-A	2/10/2017	0838	X		DW	X												
8 0397-021017-TL-001-B	2/10/2017	0539	X		DW	X											(	
9 0397-021017-CS-001-A	2/10/2017	0505	X		DW	X											)	
10 0397-021017-CS-001-B	2/10/2017	0506	X		DW	Χ											- Janear	
0397-021017-CS-001-C	2/10/2017	0507	X		DW	X												
12 0397-021017-CS-002-A	2/10/2017	0501	X		DW	X											-	
13 0397-021017-CS-002-B	2/10/2017	0502	X		DW	X											Name of the last o	
14 0397-021017-CS-003-A	2/10/2017	0503	X		DW	X								11			(	
15 0397-021017-CS-003-B	2/10/2017	0504	X		DW	X											(	
	DATE/TIME RECEIVED B	SY			DATE/TIME				PRO	DJECT	INFO	RMAT	ION			RECEIPT		
Akis 2/10/17	0832 De	uta (	Ine		2/10/17	PROJ	ECT NA	ME:	DC	CSD_						Total # of Containers		
2:	2:					PROJ	ECT#:				-1601					Turnaround Time Request		
	2.					SITE .	ADDRE	SS:			0397					Standard 5 Business Days		
•	3:					SEND REPORT TO: Leona Miles and Tim Royer										2 Business Day Rush Next Business Day Rush		
SPECIAL INSTRUCTIONS/COMMENTS:	OUT	SHIPMENT METHOD OUT / / VIA:							M ABO	OVE)		Same Day Rush (auth req.) Other: 10 business Days						
Preserve at the Lab per protocol	IN CLIE	/ NT) FedEx U	VIA: JPS MAII	L COU	RIER		leona-n	niles@a	em-net.	com; tir	n-royer	@aem-	net.com			STATE PROGRAM (if any):  E-mail? Y/N; Fax? Y/N		
	GR.	EYHOUND (	OTHER			QUOT	ΓE#:					PO#:_				DATA PACKAGE: I II III IV		
SAMPLES RECEIVED AFTER 3PM OR SATURDAY SAMPLES ARE DISPOSED OF 30 DAYS AFTER CO						MARK	ED ON	COCA	AES W	LL PR	OCEE	D AS S	TANDA	RD 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

Page 5 of 78

PRESERVATIVE CODES:

#### ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

N OF CUSTODY	Work Order: 1703788
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AES	TEL.: (770) 457-8177 / TOLL-FREE (800) 972-488	89 / FAX: (770	) 457-8188												Date	e: <u>7/</u> /	0/17 Page 5 of	5
COMPANY:	Atlanta Environmental Management, Inc	ADDRESS:  2580 Northeast Expressway, NE Atlanta, GA 30345								AN	IALYS		Visit our website www.aesatlanta.com					
PHONE:	(404) 329-9006	FAX: (404) 329-2057					Total Pb Method 200.8										to check on the status of your results, place bottle	
SAMPLED BY:	And Jensen	SIGNATURE: A Tersz															orders, etc.	# of Containers
#	SAMPLE ID	SA	MPLED	_	Composite	Matrix (See codes)	Tota			PR	ESERV.	ATION	(See code	es)			REMARKS	
		DATE	TIME	Grab	Com	Matr (See	I										ALIM INIO	<u> </u>
1	0397-021017-CS-004-A	2/10/2017	0505	X		DW	X		_		<u> </u>	_				1		
2	0397-021017-CS-004-B	2/10/2017	0506	X		DW	X		_		<u> </u>					-		-
3	0397-021017-CS-005-A	2/10/2017	0507	X		DW	X							<del> </del>		11		1
4	0397-021017-CS-005-B	2/10/2017	0208	X		DW		$\sqcup$	_	_						$\perp$		
5	0397-021017-CS-006-A	2/10/2017	0509	X		DW	X										100	- Target Control
6	0397-021017-CS-006-B	2/10/2017	0510	X		DW	X							<u> </u>				1
7	0397-021017-CS-007-A	2/39/2017	0515	X		DW	X											Onessay.
8	0397-021017-CS-007-B	2/10/2017	0516	X		DW	X											1
9	0397-021017-IM-001-A	2/10/2017	0 509	X		DW	X											15 species
10	0397-021017-IM-002-A	2/10/2017		X		DW	٠,										11 10 Samples	
11	0397-021017-SC-001-A	2/10/2017	0484	X		DW	X											4
12	0397-021017-R5-00Z-A	4/10/17	0531	Х		DW	X											i deservi
13	0397-021017-85-002-3	2110/17	0532	X		DW	X											qualence
14																		T
15																		1
RELINQUISHED	BY DATE/TIME	REÇ <del>EI</del> VED B	Y			DATE/TIME				PR	OJEC1	INFO	RMATIC	N			RECEIPT	
"Atas	su 2/10/17 0832		uta	Tho	ni.	2[10[17 _7:32	PROJ	ECT NA	AME:	D	CSD						Total # of Containers	
<u>:</u>		2:	PROJ	ECT#:	700		1561		Turnaround Time Request  Standard 5 Business Days									
3:		3:	<u> </u>	ADDRE		<del>-</del>			2 Business Day Rush									
DECLI	VOTED VE (CO. I. CE) THE		AT ****	T METHC			+	REPO		); L(	eona I	villes	and T	ım Ko	yer		Next Business Day Rush Same Day Rush (auth req	,
PECIAL INSTRI	JCTIONS/COMMENTS:	OUT /		INVOICE TO: [IF DIFFERENT FROM ABOVE)									Same Day Rush (auth req Other: 10 business Days	.)				
reserve at the L	ab per protocol	IN CLIER		leona-miles@aem-net.com; tim-royer@aem-net.com									STATE PROGRAM (if any):  E-mail? Y/N; Fax? Y/N					
		GR	QUO	TE#:			_		PO#:				DATA PACKAGE: I <b>II</b> III	IV				
	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS	RECEIVED ON	THE NEXT BU				<u> </u>		COC	AES W	TLL PE			'ANDAR	D TAT.			

MATRIX CODES: A = Air $GW = Groundwater \qquad SE = Sediment \qquad SO = Soil \qquad SW = Surface \ Water \qquad DW = Drinking \ Water \ W = Water \ (Blanks) \qquad O = Other \ (specify)$  Page 6 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-001-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:06:00 AM

Lab ID:1702788-001Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8				(E2	200.2)			
Lead	BRL	1.00		ug/L	238526	1	02/23/2017 17:06	JR

Date:

24-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 7 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-001-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:07:00 AM

 Lab ID:
 1702788-002
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2)1.35 1.00 ug/L 238526 02/23/2017 17:50 JR Lead

Date:

24-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 8 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-002-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:08:00 AM

 Lab ID:
 1702788-003
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2)4.45 1.00 ug/L 238526 02/23/2017 17:56 JR Lead

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-002-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:09:00 AM

 Lab ID:
 1702788-004
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2)6.24 1.00 ug/L 238526 02/23/2017 18:02 JR Lead

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-003-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:15:00 AM

 Lab ID:
 1702788-005
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 238526 02/23/2017 18:09 JR Lead

Date:

24-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 11 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-003-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:16:00 AM

 Lab ID:
 1702788-006
 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	238526	1	02/23/2017 18:15	JR

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-004-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:17:00 AM

 Lab ID:
 1702788-007
 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 238526 02/23/2017 18:21 JR Lead

Date:

24-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 13 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-004-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:18:00 AM

 Lab ID:
 1702788-008
 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	238526	1	02/23/2017 18:40	JR

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-006-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 4:59:00 AM

 Lab ID:
 1702788-009
 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 238526 02/23/2017 18:47 JR Lead

Date:

24-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 15 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-006-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:00:00 AM

 Lab ID:
 1702788-010
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E	2200.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	238526	1	02/23/2017 18:53	JR

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-007-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:23:00 AM

 Lab ID:
 1702788-011
 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 238526 02/23/2017 17:37 JR Lead

Date:

24-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 17 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-007-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:24:00 AM

 Lab ID:
 1702788-012
 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 238526 02/23/2017 18:59 JR Lead

Date:

24-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 78

**Client Sample ID:** 0397-021017-DF-008-A Client: Atlanta Environmental Mgmt Project Name: DCSD - 0397 **Collection Date:** 2/10/2017 5:25:00 AM

Lab ID: 1702788-013 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8	i			(E2	200.2)			
Lead	BRL	1.00		ug/L	238526	5 1	02/23/2017 19:06	JR

Date:

24-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 19 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-008-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:26:00 AM

 Lab ID:
 1702788-014
 Matrix:
 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	238526	5 1	02/23/2017 19:12	JR

Date:

24-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 78

Client:Atlanta Environmental MgmtClient Sample ID:0397-021017-DF-009-AProject Name:DCSD - 0397Collection Date:2/10/2017 5:27:00 AMLab ID:1702788-015Matrix:Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor		Analyst
Trace Elements by ICP/MS E20	00.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	238526	5 1	02/23/2017 19:18	JR

Date:

24-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 21 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-009-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:28:00 AM

 Lab ID:
 1702788-016
 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 238526 02/23/2017 19:25 JR Lead

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-010-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:29:00 AM

 Lab ID:
 1702788-017
 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	238526	1	02/23/2017 19:31	JR

Date:

24-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 78

Client:Atlanta Environmental MgmtClient Sample ID:0397-021017-DF-010-BProject Name:DCSD - 0397Collection Date:2/10/2017 5:30:00 AMLab ID:1702788-018Matrix: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	238526	1	02/23/2017 19:37	JR

Date:

24-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 24 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-011-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:17:00 AM

 Lab ID:
 1702788-019
 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 238526 02/23/2017 19:56 JR Lead

Date:

24-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 25 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-011-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:18:00 AM

 Lab ID:
 1702788-020
 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	238526	1	02/23/2017 20:03	JR

Date:

24-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 26 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-012-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:19:00 AM

 Lab ID:
 1702788-021
 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 238527 02/24/2017 00:35 JR Lead

Date:

24-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 27 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-012-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:20:00 AM

 Lab ID:
 1702788-022
 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 238527 02/24/2017 01:20 JR Lead

Date:

24-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 28 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-013-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 4:59:00 AM

 Lab ID:
 1702788-023
 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 238527 02/24/2017 01:26 JR Lead

Date:

24-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 29 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-013-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:00:00 AM

 Lab ID:
 1702788-024
 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 238527 02/24/2017 01:32 JR Lead

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-014-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:01:00 AM

 Lab ID:
 1702788-025
 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 238527 02/24/2017 01:39 JR Lead

Date:

24-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

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 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-014-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:02:00 AM

 Lab ID:
 1702788-026
 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 238527 02/24/2017 01:45 JR Lead

Date:

24-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

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 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-015-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:07:00 AM

 Lab ID:
 1702788-027
 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 238527 02/24/2017 01:51 JR Lead

Date:

24-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 33 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-015-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:08:00 AM

 Lab ID:
 1702788-028
 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 238527 02/24/2017 02:10 JR Lead

Date:

24-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

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**Client Sample ID:** 0397-021017-DF-016-A Client: Atlanta Environmental Mgmt Project Name: DCSD - 0397 **Collection Date:** 2/10/2017 5:09:00 AM Lab ID: 1702788-029 Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor		Analyst
Trace Elements by ICP/MS E20	0.8			<b>(E</b> 2	200.2)			
Lead	BRL	1.00		ug/L	238527	7 1	02/24/2017 02:17	JR

Date:

24-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

Page 35 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-016-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:10:00 AM

 Lab ID:
 1702788-030
 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	238527	1	02/24/2017 02:23	JR

Date:

24-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

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 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-017-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:28:00 AM

 Lab ID:
 1702788-031
 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 238527 02/24/2017 01:07 JR Lead

Date:

24-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 37 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-017-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:29:00 AM

 Lab ID:
 1702788-032
 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 238527 02/24/2017 02:29 JR Lead

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-018-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:30:00 AM

 Lab ID:
 1702788-033
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 238527 02/24/2017 02:36 JR Lead

Date:

24-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 39 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-018-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:31:00 AM

 Lab ID:
 1702788-034
 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	238527	' 1	02/24/2017 02:42	JR	

Date:

24-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 40 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-021-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:24:00 AM

 Lab ID:
 1702788-035
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 238527 02/24/2017 02:48 JR Lead

Date:

24-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 41 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-021-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:25:00 AM

 Lab ID:
 1702788-036
 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 238527 02/24/2017 02:55 JR Lead

Date:

24-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 42 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-022-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:26:00 AM

 Lab ID:
 1702788-037
 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 238527 02/24/2017 03:01 JR Lead

Date:

24-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 43 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-022-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:27:00 AM

 Lab ID:
 1702788-038
 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	238527	1	02/24/2017 03:07	JR

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-023-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:22:00 AM

 Lab ID:
 1702788-039
 Matrix:
 Drinking Water

Analyses Result Reporting Qual Units BatchID Factor Date Analyzed Analyst

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

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-023-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:23:00 AM

 Lab ID:
 1702788-040
 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 238527 02/24/2017 03:33 JR Lead

Date:

24-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

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Client:Atlanta Environmental MgmtClient Sample ID:0397-021017-DF-024-AProject Name:DCSD - 0397Collection Date:2/10/2017 5:20:00 AMLab ID:1702788-041Matrix: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	238528	1	02/24/2017 03:52	JR

Date:

24-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 47 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-DF-024-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:21:00 AM

 Lab ID:
 1702788-042
 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 238528 02/24/2017 04:23 JR Lead

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-RS-001-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:15:00 AM

 Lab ID:
 1702788-043
 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 238528 02/24/2017 04:43 JR Lead

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-RS-001-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:17:00 AM

 Lab ID:
 1702788-044
 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	238528	1	02/24/2017 04:49	JR

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-RS-001-C

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:16:00 AM

 Lab ID:
 1702788-045
 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	238528	3 1	02/24/2017 04:55	JR

Date:

24-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 51 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-TL-001-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:38:00 AM

 Lab ID:
 1702788-046
 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	238528	1	02/24/2017 05:02	JR

Date:

24-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 52 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-TL-001-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:39:00 AM

 Lab ID:
 1702788-047
 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	238528	1	02/24/2017 05:08	JR

Date:

24-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 53 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-CS-001-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:05:00 AM

 Lab ID:
 1702788-048
 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	238528	1	02/24/2017 05:14	JR

Date:

24-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 54 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-CS-001-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:06:00 AM

 Lab ID:
 1702788-049
 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 238528 02/24/2017 05:21 JR Lead

Date:

24-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 55 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-CS-001-C

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:07:00 AM

 Lab ID:
 1702788-050
 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 238528 02/24/2017 05:27 JR Lead

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-CS-002-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:01:00 AM

 Lab ID:
 1702788-051
 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 238528 02/24/2017 04:11 JR Lead

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-CS-002-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:02:00 AM

 Lab ID:
 1702788-052
 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	238528	1	02/24/2017 05:33	JR

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-CS-003-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:03:00 AM

 Lab ID:
 1702788-053
 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 238528 02/24/2017 05:39 JR Lead

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-CS-003-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:04:00 AM

 Lab ID:
 1702788-054
 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	238528	1	02/24/2017 05:59	JR

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-CS-004-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:05:00 AM

 Lab ID:
 1702788-055
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2)1.15 1.00 ug/L 238528 02/24/2017 06:05 JR Lead

Date:

24-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 61 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-CS-004-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:06:00 AM

 Lab ID:
 1702788-056
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor		Analyst
Trace Elements by ICP/MS E20	00.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	238528	3 1	02/24/2017 06:11	JR

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-CS-005-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:07:00 AM

 Lab ID:
 1702788-057
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2)1.29 1.00 ug/L 238528 02/24/2017 06:18 JR Lead

Date:

24-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

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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-CS-005-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:08:00 AM

 Lab ID:
 1702788-058
 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	238528	1	02/24/2017 06:24	JR

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-CS-006-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:09:00 AM

 Lab ID:
 1702788-059
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2) $\operatorname{BRL}$ 1.00 ug/L 238528 02/24/2017 06:30 JR Lead

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-CS-006-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:10:00 AM

 Lab ID:
 1702788-060
 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	238528	1	02/24/2017 06:37	JR

Date:

24-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 66 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-CS-007-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:15:00 AM

 Lab ID:
 1702788-061
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2)40.1 1.00 ug/L 238473 02/23/2017 07:58 JR Lead

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-CS-007-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:16:00 AM

 Lab ID:
 1702788-062
 Matrix:
 Drinking Water

Reporting Dilution BatchID Analyses Result Qual Units Date Analyzed Analyst Limit Factor **Trace Elements by ICP/MS** E200.8 (E200.2)1.26 1.00 ug/L 238473 02/23/2017 08:05 JR Lead

Date:

24-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 68 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-IM-001-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:09:00 AM

 Lab ID:
 1702788-063
 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 238489 02/23/2017 14:00 JR Lead

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-SC-001-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 4:54:00 AM

 Lab ID:
 1702788-064
 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 238473 02/23/2017 08:24 JR Lead

Date:

24-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 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-RS-002-A

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:31:00 AM

 Lab ID:
 1702788-065
 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	238473	1	02/23/2017 08:30	JR

Date:

24-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 71 of 78

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-021017-RS-002-B

 Project Name:
 DCSD - 0397
 Collection Date:
 2/10/2017 5:32:00 AM

 Lab ID:
 1702788-066
 Matrix:
 Drinking Water

Analyses	1	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	238473	1	02/23/2017 08:36	JR

Date:

24-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

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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?					

Atlanta Environmental Mgmt **Client:** 

**Project Name:** DCSD - 0397 Workorder: 1702788

# ANALYTICAL QC SUMMARY REPORT

Date:

24-Feb-17

BatchID: 238473

Sample ID: MB-238473	Client ID:				Unit		Prep Date:	02/22/2017	Run No: <b>337089</b>
SampleType: MBLK	TestCode:	Trace Elements by ICP/N	4S E200.8		Bato	chID: 238473	Analysis Da	ate: 02/23/2017	Seq No: <b>7362553</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD	Ref Val %R	PD RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-238473	Client ID:				Unit	s: ug/L	Prep Date:	02/22/2017	Run No: 337089
SampleType: LCS	TestCode:	Trace Elements by ICP/N	4S E200.8		Bato	ehID: 238473	Analysis Da	ate: 02/23/2017	Seq No: <b>7362554</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD	Ref Val %R	PD RPD Limit Qual
Lead	94.94	1.00	100.0		94.9	85	115		
Sample ID: 1702650-081AMS	Client ID:				Unit	s: ug/L	Prep Date:	02/22/2017	Run No: 337089
SampleType: MS	TestCode:	Trace Elements by ICP/N	4S E200.8		Bato	ehID: 238473	Analysis Da	ate: 02/23/2017	Seq No: <b>7362556</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD	Ref Val %R	PD RPD Limit Qual
Lead	98.09	1.00	100.0		98.1	70	130		
Sample ID: 1702650-091AMS	Client ID:				Unit	s: ug/L	Prep Date:	02/22/2017	Run No: 337089
SampleType: MS	TestCode:	Trace Elements by ICP/N	AS E200.8		Bato	chID: 238473	Analysis Da	ate: 02/23/2017	Seq No: <b>7362559</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD	Ref Val %R	PD RPD Limit Qual
Lead	92.69	1.00	100.0		92.7	70	130		
Sample ID: 1702650-081AMSD	Client ID:				Unit	s: ug/L	Prep Date:	02/22/2017	Run No: <b>337089</b>
SampleType: MSD	TestCode:	Trace Elements by ICP/M	AS E200.8		Bato	chID: 238473	Analysis Da	ate: 02/23/2017	Seq No: <b>7362557</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD	Ref Val %R	PD RPD Limit Qual
Lead	95.77	1.00	100.0		95.8	70	130 9	8.09 2.	39 20

Qualifiers: Greater than Result value

> BRL Below reporting limit

Rpt Lim Reporting Limit

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 74 of 78

Client: Atlanta Environmental Mgmt

Project Name: DCSD - 0397 Workorder: 1702788

# ANALYTICAL QC SUMMARY REPORT

Date:

24-Feb-17

BatchID: 238489

Sample ID: MB-238489	Client ID:				Uni	ts: ug/L	Pre	p Date:	02/22/2017	Run No: <b>337124</b>
SampleType: MBLK	TestCode:	Trace Elements by ICP/MS	E200.8		Bat	chID: 238489	An	alysis Date:	02/23/2017	Seq No: <b>7363584</b>
Analyte	Result	RPT Limit S	PK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RPD	RPD Limit Qual
Lead	BRL	1.00								
Sample ID: LCS-238489	Client ID:				Uni	ts: ug/L	Pre	p Date:	02/22/2017	Run No: <b>337124</b>
SampleType: LCS	TestCode:	Trace Elements by ICP/MS	E200.8		Bat	chID: 238489	An	alysis Date:	02/23/2017	Seq No: <b>7363585</b>
Analyte	Result	RPT Limit S	PK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RPD	RPD Limit Qual
Lead	106.5	1.00	100.0		106	85	115			
Sample ID: 1702650-018AMS	Client ID:				Uni	ts: ug/L	Pre	p Date:	02/22/2017	Run No: <b>337124</b>
SampleType: MS	TestCode:	Trace Elements by ICP/MS	E200.8		Bat	chID: <b>238489</b>	Ana	alysis Date:	02/23/2017	Seq No: <b>7363587</b>
Analyte	Result	RPT Limit S	PK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RPD	RPD Limit Qual
Lead	166.3	1.00	100.0	58.50	108	70	130			
Sample ID: 1702650-018AMSD	Client ID:				Uni	ts: ug/L	Pre	p Date:	02/22/2017	Run No: <b>337124</b>
SampleType: MSD	TestCode:	Trace Elements by ICP/MS	E200.8			chID: <b>238489</b>		alysis Date:	02/23/2017	Seq No: <b>7363588</b>
Analyte	Result	RPT Limit S	PK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RPD	RPD Limit Qual
Lead	168.3	1.00	100.0	58.50	110	70	130	166.3	1.20	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 75 of 78

Client: Atlanta Environmental Mgmt

**Project Name:** DCSD - 0397 **Workorder:** 1702788

# ANALYTICAL QC SUMMARY REPORT

Date:

24-Feb-17

BatchID: 238526

Sample ID: MB-238526	Client ID:				Uni		Prep Date:	02/23/2017	Run No: <b>337183</b>
SampleType: MBLK	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 238526	Analysis Date	: 02/23/2017	Seq No: <b>7364918</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-238526	Client ID:				Uni	ts: ug/L	Prep Date:	02/23/2017	Run No: <b>337183</b>
SampleType: LCS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 238526	Analysis Date	: 02/23/2017	Seq No: <b>7364919</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD R	ef Val %RPI	RPD Limit Qual
Lead	96.76	1.00	100.0		96.8	85	115		
Sample ID: 1702788-001AMS					Uni	ts: ug/L	Prep Date:	02/23/2017	Run No: <b>337183</b>
SampleType: MS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 238526	Analysis Date	: 02/23/2017	Seq No: <b>7364923</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	98.76	1.00	100.0	0.4723	98.3	70	130		
Sample ID: 1702788-011AMS	Client ID:	0397-021017-DF-007	7-A		Uni	ts: ug/L	Prep Date:	02/23/2017	Run No: <b>337183</b>
SampleType: MS	TestCode:	Trace Elements by ICP/N	IS E200.8		Bat	chID: 238526	Analysis Date	: 02/23/2017	Seq No: <b>7364926</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	98.80	1.00	100.0	0.6995	98.1	70	130		
Sample ID: 1702788-001AMSD	Client ID:	0397-021017-DF-001	l-A		Uni	ts: ug/L	Prep Date:	02/23/2017	Run No: <b>337183</b>
SampleType: MSD	TestCode:	Trace Elements by ICP/M	IS E200.8		Bat	chID: 238526	Analysis Date	: 02/23/2017	Seq No: <b>7364924</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD R	ef Val %RPI	RPD Limit Qual
Lead	98.18	1.00	100.0	0.4723	97.7	70	130 98.7	76 0.584	1 20

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

J Estimated value detected below Reporting Limit

< Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

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**Client:** Atlanta Environmental Mgmt

**Project Name:** DCSD - 0397 Workorder: 1702788

# ANALYTICAL QC SUMMARY REPORT

Date:

24-Feb-17

BatchID: 238527

Sample ID: <b>MB-238527</b>	Client ID:				Uni		Prep Date:	02/23/2017	Run No: <b>337186</b>
SampleType: MBLK	TestCode:	Trace Elements by ICP/N	1S E200.8		Bate	chID: 238527	Analysis Date	02/24/2017	Seq No: <b>7365024</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ro	ef Val %RPI	O RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-238527	Client ID:				Uni	ts: ug/L	Prep Date:	02/23/2017	Run No: <b>337186</b>
SampleType: LCS	TestCode:	Trace Elements by ICP/N	AS E200.8		Bate	chID: 238527	Analysis Date	02/24/2017	Seq No: <b>7365025</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	ef Val %RPI	O RPD Limit Qual
Lead	100.7	1.00	100.0		101	85	115		
Sample ID: 1702788-021AMS					Uni	ts: ug/L	Prep Date:	02/23/2017	Run No: <b>337186</b>
SampleType: MS	TestCode:	Trace Elements by ICP/N	1S E200.8		Bate	chID: 238527	Analysis Date	02/24/2017	Seq No: <b>7365029</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ro	ef Val %RPI	O RPD Limit Qual
Lead	97.86	1.00	100.0	0.5711	97.3	70	130		
Sample ID: 1702788-031AMS	Client ID:	0397-021017-DF-017	7-A		Uni	ts: ug/L	Prep Date:	02/23/2017	Run No: <b>337186</b>
SampleType: MS	TestCode:	Trace Elements by ICP/N	AS E200.8		Bate	chID: 238527	Analysis Date	02/24/2017	Seq No: <b>7365032</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ro	ef Val %RPI	O RPD Limit Qual
Lead	98.07	1.00	100.0		98.1	70	130		
Sample ID: 1702788-021AMSD	Client ID:	0397-021017-DF-012	2-A		Uni	ts: ug/L	Prep Date:	02/23/2017	Run No: <b>337186</b>
SampleType: MSD	TestCode:	Trace Elements by ICP/M	4S E200.8		Bate	chID: 238527	Analysis Date	02/24/2017	Seq No: <b>7365030</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Ro	ef Val %RPI	O RPD Limit Qual
Lead	97.27	1.00	100.0	0.5711	96.7	70	130 97.8	6 0.603	3 20

Qualifiers: Greater than Result value

> BRL Below reporting limit

Rpt Lim Reporting Limit

Estimated value detected below Reporting Limit

Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

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Client: Atlanta Environmental Mgmt

Project Name: DCSD - 0397 Workorder: 1702788

# ANALYTICAL QC SUMMARY REPORT

Date:

24-Feb-17

BatchID: 238528

Sample ID: <b>MB-238528</b>	Client ID:				Uni		Prep Date:	02/23/2017	Run No: <b>337187</b>
SampleType: MBLK	TestCode:	Trace Elements by ICP/N	AS E200.8		Bat	chID: 238528	Analysis Date:	02/24/2017	Seq No: <b>7365067</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	O RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-238528	Client ID:				Uni	ts: ug/L	Prep Date:	02/23/2017	Run No: <b>337187</b>
SampleType: LCS	TestCode:	Trace Elements by ICP/N	MS E200.8		Bat	chID: 238528	Analysis Date:	02/24/2017	Seq No: <b>7365068</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPE	O RPD Limit Qual
Lead	99.10	1.00	100.0		99.1	85	115		
Sample ID: 1702788-041AMS					Uni	ts: ug/L	Prep Date:	02/23/2017	Run No: <b>337187</b>
SampleType: MS	TestCode:	Trace Elements by ICP/N	MS E200.8		Bat	chID: 238528	Analysis Date:	02/24/2017	Seq No: <b>7365070</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	O RPD Limit Qual
Lead	96.51	1.00	100.0		96.5	70	130		
Sample ID: 1702788-051AMS	Client ID:	0397-021017-CS-002	2-A		Uni	ts: ug/L	Prep Date:	02/23/2017	Run No: <b>337187</b>
SampleType: MS	TestCode:	Trace Elements by ICP/N	MS E200.8		Bat	chID: 238528	Analysis Date:	02/24/2017	Seq No: <b>7365073</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	RPD Limit Qual
Lead	96.40	1.00	100.0	0.5285	95.9	70	130		
Sample ID: 1702788-041AMSD	Client ID:	0397-021017-DF-024	4-A		Uni	ts: ug/L	Prep Date:	02/23/2017	Run No: <b>337187</b>
SampleType: MSD	TestCode:	Trace Elements by ICP/M	MS E200.8		Bat	chID: 238528	Analysis Date:	02/24/2017	Seq No: <b>7365071</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	O RPD Limit Qual
Lead	98.71	1.00	100.0		98.7	70	130 96.51	2.26	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: Wednesday, October 25, 2017 1:10 PM

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

**Subject:** DCSD - 0397

**Attachments:** 1710D49_REPORT.pdf; 1710D49Invoice.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.



October 25, 2017

Leona Miles Atlanta Environmental Mgmt

2580 NE Expressway

Atlanta

GA

A 30345

RE: DO

DCSD - 0397

Dear Leona Miles:

Order No:

1710D49

Analytical Environmental Services, Inc. received

2 samples on

10/13/2017 9:11:00 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 11/01/17.

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

Ivana Pacurar

## ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

Work Order: 1719049

3080 Presidential Drive, Atlanta GA 30340-3704

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

Date: 10113/17 Page 1 of 1

COMPANY:	Atlanta Environmental Management Inc	ADDRESS:	2580 North	east Exp	presswa	ay NE				ANAL	YSIS I	EQUE:	STED		Visit our website	
Electric Transfer			Atlanta, G	A 30345							1		11/2		www.aesatlanta.com	
PHONE:	404-329-9006	FAX:	404-329-	-2057		7	200.8)						34		to check on the status of your results, place bottle	iners
SAMPLED BY:	Andy Jensen	SIGNATURE	Aleise	_			-								orders, etc.	No # of Container
		SAM	MPLED		te	(S)	Lead									# oN
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	I			PRESE	RVATIO	ON (See	codes)	TI	REMARKS	
1	0397-101317-DF-605-A	10/13/17	0514	X	- C	DW	X		$\top$			1				v
2	0397-101317-DF-605-A	14/3/17	0515	K		PW	×	+			$\top$					(
3			-													
4		Acres 6														
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ME	ela 10/13/17 0911	dist	lenj	10/13	1179	//	I KO	JECT IV	LIVIL.	DCS	D				Total # of Containers	
2: 0	10/1/1	2:	1		0/1	-	PRO	JECT#:			1-160	1			Turnaround Time Request	
	The state of the s						SITE	ADDRE	SS:		039	1			O Standard 5 Business Days	
3:		3:						n neno			0		@00m	net.com	2 Business Day Rush Next Business Day Rush	
SPECIAL INSTRI	UCTIONS/COMMENTS;	OUT /	SHIPMEN	T METHO VIA:	D		INV		: Leon	a Miles	(16)	miles	<u>waem</u>	-net.com	Next Business Day Rush Same Day Rush (auth req. Other: 10 business Days	)
P	reserve 9+ 196	IN CIEN		VIA: PS MAII	L COUE	RIER								2	STATE PROGRAM (if any):  E-mail? Y/N; Fax? Y/N	
		GRE	EYHOUND C	THER			QUO	TE #:				PO#:			DATA PACKAGE: I II III	IV
	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT						MARI	KED ON	COC AI	ES WILL	PROC	EED AS	STANDA	ARD TAT.	Page 2 of 6	

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

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-101317-DF-005-A

 Project Name:
 DCSD - 0397
 Collection Date:
 10/13/2017 5:14:00 AM

 Lab ID:
 1710D49-001
 Matrix:
 Drinking Water

Reporting Dilution Result Qual Units BatchID Analyses Date Analyzed Analyst Factor Limit E200.8 **Trace Elements by ICP/MS** (E200.2)BRL ug/L 250044 10/20/2017 18:10 Lead 1.00 JR

Date:

25-Oct-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

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-101317-DF-005-B

 Project Name:
 DCSD - 0397
 Collection Date:
 10/13/2017 5:15:00 AM

 Lab ID:
 1710 D40, 002
 Matrix:
 Drinking Weter

Lab ID:1710D49-002Matrix: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	250044	1	10/20/2017 18:11	JR

Date:

25-Oct-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



## SAMPLE/COOLER RECEIPT CHECKLIST

1.	. Client Name:				AES Work Order Number	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	
	Custody seals present on shipping container?					
5.	Custody seals intact on shipping container?					
6.	. Temperature blanks present?					
7.	Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for				Cooling initiated for recently collected samples / ice	
/.	temperature recordings.]				present	
8.	. Chain of Custody (COC) present?					
9.	. Chain of Custody signed, dated, and timed when relinquished and received?					
10.	. Sampler name and/or signature on COC?					
11.	. Were all samples received within holding time?					
12.	TAT marked on the COC?				If no TAT indicated, proceeded with standard TAT per Te	erms & Conditions.
13.	Cooler 1 Temperature Cooler 2 Temperature			°C	Cooler 3 Temperature °C Coole	er 4 Temperature °C
						·
	Cooler 5 Temperature OC Cooler 6 Temperature			,C	Cooler 7 Temperature °C Coole	r 8 Temperature°C
15.	. Comments:					
						1.1.2.4.4.1.1.11.11
					i certify that I have co	mpleted sections 1-15 (dated initials).
		Yes	No	N/A	Details	Comments
	. Were sample containers intact upon receipt?	ļ				
	. Custody seals present on sample containers?	ļ				
18.	Custody seals intact on sample containers?					
19.	. Do sample container labels match the COC?				incomplete info illegible	
20.	Are analyses requested indicated on the COC?				no label other	
					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)?					
26.	. Were trip blanks submitted?				listed on COC not listed on COC	
27.	. Comments:		-	-	•	
	-				I certify that I have co	mpleted sections 16-27 (dated initials).
		Yes	No	N/A	Details	Comments
28	Have containers needing chemical preservation been checked? *		1	.,,,	Jetans	Comments
	Containers meet preservation guidelines?	<del>                                     </del>				
	Was pH adjusted at Sample Receipt?					
	t	1		1		i e e e e e e e e e e e e e e e e e e e

Atlanta Environmental Mgmt **Client:** 

**Project Name:** DCSD - 0397 Workorder: 1710D49

## ANALYTICAL QC SUMMARY REPORT

Date:

25-Oct-17

BatchID: 250044

Sample ID: MB-250044 SampleType: MBLK	Client ID:	Trace Elements by ICP/N	1S E200.8		Uni	ts: <b>ug/L</b>	Prep Date: Analysis Date:	10/17/2017	Run No: <b>354994</b> Seq No: <b>7816606</b>
Sample Type. WIBER	resicoue.	Truce Elements by Tel711	15 120010		Dan	ZIIID. 230044	Allarysis Date.	10/20/2017	3cq 110. 7810000
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	O RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-250044	Client ID:				Uni	ts: ug/L	Prep Date:	10/17/2017	Run No: <b>354994</b>
SampleType: LCS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bate	chID: <b>250044</b>	Analysis Date:	10/20/2017	Seq No: <b>7816607</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	O RPD Limit Qual
Lead	97.53	1.00	100.0		97.5	85	115		
Sample ID: 1710D47-001AMS	Client ID:				Uni	ts: ug/L	Prep Date:	10/17/2017	Run No: <b>354994</b>
SampleType: MS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bate	chID: <b>250044</b>	Analysis Date:	10/20/2017	Seq No: <b>7816609</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	O RPD Limit Qual
Lead	97.99	1.00	100.0	0.8218	97.2	70	130		
Sample ID: 1710D48-002AMS	Client ID:				Uni	ts: ug/L	Prep Date:	10/17/2017	Run No: <b>354994</b>
SampleType: MS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bate	chID: 250044	Analysis Date:	10/20/2017	Seq No: <b>7816612</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	O RPD Limit Qual
Lead	99.99	1.00	100.0	1.550	98.4	70	130		
Sample ID: 1710D47-001AMSD	Client ID:				Uni	ts: ug/L	Prep Date:	10/17/2017	Run No: <b>354994</b>
SampleType: MSD	TestCode:	Trace Elements by ICP/M	IS E200.8		Bate	chID: 250044	Analysis Date:	10/20/2017	Seq No: <b>7816610</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	O RPD Limit Qual
Lead	99.54	1.00	100.0	0.8218	98.7	70	130 97.99	1.56	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 6 of 6

#### **Leona Miles**

From: NoReply@aesatlanta.net

Sent: Friday, November 17, 2017 11:16 AM

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

Subject: DCSD - 0397

**Attachments:** 1711D36_REPORT.pdf; 1711D36Invoice.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

NOTICE OF CONFIDENTIALITY: The information in this email and / or attachments may be legally privileged and is confidential information intended for the use of the individual or entity named in the email address. If the reader of this message is not the intended recipient, you are hereby notified that any use, dissemination, distribution, or copy of this email and / or attachments is strictly prohibited. If you have received this email in error, please notify Analytical Environmental Services Customer Service by telephone at (770) 457-8177 or by email at info@aesatlanta.com <mailto:info@aesatlanta.com> and delete the message. Thank you

# ANALYTICAL ENVIRONMENTAL SERVICES, INC.



November 17, 2017

Leona Miles

Atlanta Environmental Mgmt

2580 NE Expressway

Atlanta

GA 30345

RE:

DCSD - 0397

Dear Leona Miles:

Order No:

1711D36

Analytical Environmental Services, Inc. received for the analyses presented in following report.

2 s

samples on

11/14/2017 9:45:00 AM

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

Ivana Pacurar

CHAIN OF CUSTODY

Work Order: 17/1036

3080 Presidential Drive, Atlanta GA 30340-3704

AES	TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889	) / FAX: (770)	457-8188														Date: 1	117	Page I of	1
COMPANY:	Atlanta Environmental Management Inc	ADDRESS:	2580 Northe	aet Evr	resswa	v NE				A	ANAI	LYSIS	REQ	JESTI	ED				Visit our website	
	Attanta Environmentai Management Inc	1	Atlanta, GA	_	/1 <b>C</b> 3311 &	iy IVE								T				✓     Y	vww.aesatlanta.com	
PHONE:	101.000.0006	FAX:	404-329-2	2057			200.8)				İ								check on the status of our results, place bottle	ers
TAN ON ED DIV	404-329-9006	SIGNATURE:	404-329-2	7 70			(5)											1,	orders, etc.	ntain
SAMPLED BY:	LEONA MILES	1000	nall	14			Lead						İ						,	No#of Containers
		SAM	IPLED		<u>a</u>	es)	Ľ							Щ,	<u></u>	J				No #
#	SAMPLE ID			Grab	Composite	Matrix (See codes)				T	PRESI	ERVAT	ION (	see cod	es)	T	П	-	REMARKS	
	2007 144 447 65 007 1	DATE	TIME ©507	X	ŭ	DW Z ©	X			$\dashv$			+	+		+		+		- American
1	0397-111417-CS-007-A	11/14/2017	0508			DW	X	$\vdash$				+			+			_		-
2	0397-111417-CS-007-B	11/14/2017	0000	X	<u> </u>	שע	A				$\dashv$			╬		+	+ +			
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RELIŅQUISHED	DBY DATE/TIME	RECEIVED B	Y			DATE/TIME					PROJ	ECT I	NFOR	MATI	ON				RECEIPT	
" Des	nalle 11/14/17 0945	Dist	~ ''	14/17	094	5	PRO.	ECT	NAME		DCS								Total # of Containers	
2:		12:07 00	1					JECT #				1-16	01					_	Turnaround Time Request	
		2.					SITE	ADDF	RESS:		·	397							Standard 5 Business Days	
3:		3:					SENI	D REP	ORT T	O:		leon	a-mil	es@	aem	-net.c	com	$\exists$	2 Business Day Rush Next Business Day Rush	
SPECIAL INSTR	UCTIONS/COMMENTS:	OUT /	SHIPMENT	METHO	DD					Leona ROM									Same Day Rush (auth req.) Other: 10 business Days	
LAB TO PRESI	ERVE	IN CONTRACT	/ F FedEx U	VIA:	T COT	DIUD													ATE PROGRAM (if any): mail? Y/N; Fax? Y/N	
		CLIEN		THER_	L COU	MIEK	QUO	TE#:_					P	O#:					MATA PACKAGE: I II III	IV
SAMPLES REC	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS				DAY; IF	NO TAT IS		_	N CO	C AES	WIL	L PRO	CEEL	AS S	(AND	ARD T	AT.			
	DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT																			

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 6

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-111417-CS-007-A

 Project Name:
 DCSD - 0397
 Collection Date:
 11/14/2017 5:07:00 AM

 Lab ID:
 1711D36-001
 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	2.86	1.00		ug/L	251521	1	11/16/2017 17:02	TA

Date:

17-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

 Client:
 Atlanta Environmental Mgmt
 Client Sample ID:
 0397-111417-CS-007-B

 Project Name:
 DCSD - 0397
 Collection Date:
 11/14/2017 5:08:00 AM

 Lab ID:
 1711D36-002
 Matrix:
 Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E2	200.8			(E2	200.2)			
Lead	BRL	1.00		ug/L	251521	1	11/15/2017 13:45	TA

Date:

17-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



## 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	ļ	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).

Atlanta Environmental Mgmt **Client:** 

**Project Name:** DCSD - 0397 Workorder: 1711D36

## ANALYTICAL QC SUMMARY REPORT

Date:

17-Nov-17

BatchID: 251521

Sample ID: MB-251521	Client ID:				Uni	ts: ug/L	Prep Date:	11/14/2017	Run No: <b>356955</b>
SampleType: MBLK	TestCode:	Trace Elements by ICP/M	IS E200.8		Bate	chID: 251521	Analysis Date:	11/15/2017	Seq No: <b>7867221</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-251521	Client ID:				Uni	ts: ug/L	Prep Date:	11/14/2017	Run No: <b>356955</b>
SampleType: LCS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bate	chID: <b>251521</b>	Analysis Date:	11/15/2017	Seq No: <b>7867222</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPE	RPD Limit Qual
Lead	94.26	1.00	100.0		94.3	85	115		
Sample ID: 1711D32-001AMS	Client ID:				Uni	ts: ug/L	Prep Date:	11/14/2017	Run No: <b>356955</b>
SampleType: MS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bate	chID: 251521	Analysis Date:	11/15/2017	Seq No: <b>7867226</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	RPD Limit Qual
Lead	95.21	1.00	100.0		95.2	70	130		
Sample ID: 1711D37-004AMS	Client ID:				Uni	ts: ug/L	Prep Date:	11/15/2017	Run No: <b>356955</b>
SampleType: MS	TestCode:	Trace Elements by ICP/M	IS E200.8		Bate	chID: 251521	Analysis Date:	11/15/2017	Seq No: <b>7867231</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	RPD Limit Qual
Lead	92.60	1.00	100.0	1.541	91.1	70	130		
Sample ID: <b>1711D32-001AMSD</b>	Client ID:				Uni	ts: ug/L	Prep Date:	11/14/2017	Run No: <b>356955</b>
SampleType: MSD	TestCode:	Trace Elements by ICP/M	IS E200.8		Bate	chID: <b>251521</b>	Analysis Date:	11/15/2017	Seq No: <b>7867228</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPI	RPD Limit Qual
Lead	91.45	1.00	100.0		91.4	70	130 95.21	4.04	20

Qualifiers: Greater than Result value

> BRL Below reporting limit

Estimated value detected below Reporting Limit

Rpt Lim 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 6 of 6