

December 29, 2016

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 Sequoyah Middle School (Facility ID #0290) 3456 Aztec Road, Atlanta, GA 30340 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 Sequoyah Middle School (Facility ID #0290). Samples were collected on December 8, 2016, and analytical results were received from Analytical Environmental Services, Inc., on December 28, 2016.

FINDINGS

AEM collected 73 drinking water samples from 37 sources at Sequoyah Middle School (Facility ID #0290), 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.

Three 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. These sources are indicated in bold and shaded font in the attached table.

Mr. Joshua Williams—DeKalb County School District December 29, 2016 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





			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Initial Draw sample; Lower Right Wall Mounted Elkay Drinking Fountain in the hallway		
0290-120816-DF-002-A	across from Rm 318	12/8/16 5:13 AM	None Detected
	Flush sample; Lower Right Wall Mounted Elkay Drinking Fountain in the hallway across		
0290-120816-DF-002-B	from Rm 318	12/8/16 5:14 AM	None Detected
	Initial Draw sample; Upper Left Wall mounted Elkay Drinking Fountain in hallway across		
0290-120816-DF-003-A	from Rm 403	12/8/16 5:29 AM	5.96
	Flush sample; Upper Left Wall mounted Elkay Drinking Fountain in hallway across from Rm		
0290-120816-DF-003-B	403	12/8/16 5:30 AM	7.22
	Initial Draw sample; Lower Right Wall Mounted Elkay Drinking Fountain in the hallway		
0290-120816-DF-004-A	across from Rm 403	12/8/16 5:31 AM	7.66
	Flush sample; Lower Right Wall Mounted Elkay Drinking Fountain in the hallway across		
0290-120816-DF-004-B	from Rm 403	12/8/16 5:32 AM	5.82
	Initial Draw sample; Lower Right Wall mounted Elkay Drinking Fountain in the hallway		
0290-120816-DF-005-A	across from Rm 109	12/8/16 5:36 AM	None Detected
	Flush sample; Lower Right Wall mounted Elkay Drinking Fountain in the hallway across		
0290-120816-DF-005-B	from Rm 109	12/8/16 5:38 AM	None Detected
	Initial Draw sample; Upper Left Wall mounted Elkay Drinking Fountain in hallway across		
0290-120816-DF-006-A	from Rm 109	12/8/16 5:39 AM	None Detected
	Flush sample; Upper Left Wall mounted Elkay Drinking Fountain in hallway across from Rm		
0290-120816-DF-006-B	109	12/8/16 5:40 AM	None Detected
	Initial Draw sample; Upper Left Wall mounted Elkay Drinking Fountain in hallway across		
0290-120816-DF-007-A	from Rm 330	12/8/16 5:56 AM	None Detected
	Flush sample; Upper Left Wall mounted Elkay Drinking Fountain in hallway across from Rm		
0290-120816-DF-007-B	330	12/8/16 5:57 AM	None Detected
	Initial Draw sample; Lower Right Wall mounted Elkay Drinking Fountain in hallway across		
0290-120816-DF-008-A	from Rm 330	12/8/16 5:58 AM	None Detected
	Flush sample; Lower Right Wall mounted Elkay Drinking Fountain in hallway across from		
0290-120816-DF-008-B	Rm 330	12/8/16 5:59 AM	None Detected



			Lead Test
Sample ID*	Sample Location Description	Sample Date & Time	Results (ppb)
	Initial Draw sample; Single Wall mounted Elkay Drinking Fountain in the hallway across		
0290-120816-DF-009-A	from Rm 118	12/8/16 5:43 AM	None Detected
	Flush sample; Single Wall mounted Elkay Drinking Fountain in the hallway across from Rm		
0290-120816-DF-009-B	118	12/8/16 5:44 AM	None Detected
0290-120816-DF-010-A	Initial Draw sample; Single Elkay Drinking Fountain in the Gym/334	12/8/16 5:58 AM	None Detected
0290-120816-DF-010-B	Flush sample; Single Elkay Drinking Fountain in the Gym/334	12/8/16 5:59 AM	None Detected
	Initial Draw sample; Upper Left Elkay Wall Mounted Drinking Fountain in hallway near Rm		
0290-120816-DF-011-A	308	12/8/16 5:06 AM	None Detected
0290-120816-DF-011-B	Flush sample; Upper Left Elkay Wall Mounted Drinking Fountain in hallway near Rm 308	12/8/16 5:07 AM	None Detected
	Initial Draw sample; Lower Right Elkay Wall Mounted Drinking Fountain in hallway near Rm		
0290-120816-DF-012-A	308	12/8/16 5:08 AM	None Detected
0290-120816-DF-012-B	Flush sample; Lower Right Elkay Wall Mounted Drinking Fountain in hallway near Rm 308	12/8/16 5:09 AM	None Detected
0290-120816-DF-013-A	 Initial Draw sample; Wall mounted Elkay Drinking Fountain in Cafeteria/ Rm 97	12/8/16 5:17 AM	5.77
0290-120816-DF-013-B	Flush sample; Wall mounted Elkay Drinking Fountain in Cafeteria/ Rm 97	12/8/16 5:18 AM	3.92
0290-120816-DF-014-A	Initial Draw sample; Lower Right Elkay Drinking Fountain in hallway near Rm 103	12/8/16 5:42 AM	6.08
0290-120816-DF-014-B	Flush sample; Lower Right Elkay Drinking Fountain in hallway near Rm 103	12/8/16 5:43 AM	18.9
0290-120816-DF-015-A	Initial Draw sample; Upper Left Elkay Drinking Fountain in hallway near Rm 103	12/8/16 5:40 AM	4.21
0290-120816-DF-015-B	Flush sample; Upper Left Elkay Drinking Fountain in hallway near Rm 103	12/8/16 5:41 AM	14.2
0290-120816-DF-016-A	Initial Draw sample; Lower Right Elkay Drinking Fountain in hallway near Rm 108	12/8/16 5:34 AM	12.7
0290-120816-DF-016-B	Flush sample; Lower Right Elkay Drinking Fountain in hallway near Rm 108	12/8/16 5:35 AM	59.1
0290-120816-DF-017-A	Initial Draw sample; Upper Left Elkay Drinking Fountain in hallway near Rm 108	12/8/16 5:32 AM	2.40
0290-120816-DF-017-B	Flush sample; Upper Left Elkay Drinking Fountain in hallway near Rm 108	12/8/16 5:33 AM	54.9



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)	
			1.62	
0290-120816-DF-018-A	Initial Draw sample; Lower Right Elkay Drinking Fountain in hallway near Rm 201	12/8/16 5:25 AM	1.62	
0290-120816-DF-018-B	Flush sample; Lower Right Elkay Drinking Fountain in hallway near Rm 201	12/8/16 5:26 AM	2.14	
0290-120816-DF-019-A	Initial Draw sample; Upper Left Elkay Drinking Fountain in hallway near Rm 201	12/8/16 5:23 AM	None Detected	
0290-120816-DF-019-B	Flush sample; Upper Left Elkay Drinking Fountain in hallway near Rm 201	12/8/16 5:24 AM	2.68	
0290-120816-DF-020-A	Initial Draw sample; Upper Left Wall mounted Halsey Taylor Drinking Fountain in trailer MAU #5	12/8/16 5:36 AM	None Detected	
0290-120816-DF-020-B	Flush sample; Upper Left Wall mounted Halsey Taylor Drinking Fountain in trailer MAU #5	12/8/16 5:37 AM	None Detected	
0290-120816-DF-021-A	Initial Draw sample; Lower Right mounted Halsey Taylor Drinking Fountain in trailer MAU #5	12/8/16 5:38 AM	None Detected	
0290-120816-DF-021-B	Flush sample; Lower Right mounted Halsey Taylor Drinking Fountain in trailer MAU #5	12/8/16 5:39 AM	None Detected	
0290-120816-DF-022-A	Initial Draw sample; Single Wall Mounted Elkay Drinking Fountain in trailer MAU #1	12/8/16 5:55 AM	None Detected	
0290-120816-DF-022-B	Flush sample; Single Wall Mounted Elkay Drinking Fountain in trailer MAU #1	12/8/16 5:56 AM	None Detected	
0290-120816-DF-024-A	Initial Draw sample; Upper Left Wall Mounted Drinking Fountain in trailer MAU #2	12/8/16 5:50 AM	None Detected	
0290-120816-DF-024-B	Flush sample; Upper Left Wall Mounted Drinking Fountain in trailer MAU #2	nted Drinking Fountain in trailer MAU #2 12/8/16 5:51 AM		
0290-120816-DF-025-A	Initial Draw sample; Lower Right Wall Mounted Drinking Fountain in trailer MAU #2	12/8/16 5:52 AM	None Detected	
0290-120816-DF-025-B	Flush sample; Lower Right Wall Mounted Drinking Fountain in trailer MAU #2	12/8/16 5:53 AM	None Detected	
0290-120816-DF-026-A	Initial Draw sample; Upper Left Wall Mounted Drinking Fountain in trailer MAU #3	12/8/16 5:44 AM	None Detected	
0290-120816-DF-026-B	Flush sample; Upper Left Wall Mounted Drinking Fountain in trailer MAU #3	12/8/16 5:45 AM	None Detected	
0290-120816-DF-027-A	Initial Draw sample; Lower Right Wall Mounted Drinking Fountain in trailer MAU #3	12/8/16 5:46 AM	None Detected	



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0290-120816-DF-027-B	Flush sample; Lower Right Wall Mounted Drinking Fountain in trailer MAU #3	12/8/16 5:47 AM	None Detected
0290-120816-DF-028-A	Initial Draw sample; Upper Left Wall mounted Halsey Taylor Drinking Fountain in trailer MAU #4	12/8/16 5:28 AM	None Detected
0290-120816-DF-028-B	Flush sample; Upper Left Wall mounted Halsey Taylor Drinking Fountain in trailer MAU #4	12/8/16 5:29 AM	None Detected
0290-120816-DF-029-A	Initial Draw sample; lower Right Wall mounted Halsey Taylor Drinking Fountain in trailer MAU #4	12/8/16 5:30 AM	None Detected
0290-120816-DF-029-B	Flush sample; Lower Right Wall mounted Halsey Taylor Drinking Fountain in trailer MAU #4	12/8/16 5:31 AM	None Detected
0290-120816-DF-030-A	Initial Draw sample; Single Elkay Drinking Fountain Wall Mounted in the hallway near Rm 300	12/8/16 5:12 AM	None Detected
0290-120816-DF-030-B	Flush sample; Single Elkay Drinking Fountain Wall Mounted in the hallway near Rm 300	12/8/16 5:13 AM	None Detected
0290-120816-TL-001-A	Initial Draw sample; Only sink in Rm 410	12/8/16 5:25 AM	1.05
0290-120816-TL-001-B	Flush sample; Only sink in Rm 410	12/8/16 5:26 AM	None Detected
0290-120816-RS-001-A	Initial Draw sample; Far Left sink in boy's RR/ 315.1	12/8/16 5:21 AM	1.58
0290-120816-RS-001-B	Flush sample; Far Left sink in boy's RR/ 315.1	12/8/16 5:22 AM	None Detected
0290-120816-RS-002-A	Initial Draw sample; Left most sink sampled in Girl's RR across from Rm 120	12/8/16 5:48 AM	5.63
0290-120816-RS-002-B	Flush sample; Left most sink sampled in Girl's RR across from Rm 120	12/8/16 5:49 AM	1.22
0290-120816-RS-003-A	Initial Draw sample; Left most sink sampled in Girl's RR/ 201.2	12/8/16 6:13 AM	1.64
0290-120816-RS-003-B	Flush sample; Left most sink sampled in Girl's RR/ 201.2	12/8/16 6:14 AM	None Detected
0290-120816-CS-001-A	Initial Draw sample; Food Prep sink in back of Kitchen; water was Silty	12/8/16 5:10 AM	8.01
0290-120816-CS-001-B	Flush sample; Food Prep sink in back of Kitchen; water was Silty	12/8/16 5:11 AM	1.41
0290-120816-IM-001-A	Initial Draw sample; Scotsman Ice Machine in Concession Stand	12/8/16 6:07 AM	None Detected
0290-120816-IM-002-A	Initial Draw sample; Scotsman Ice Machine at back left of Kitchen/ Rm 96	12/8/16 5:06 AM	None Detected

3456 Aztec Road, Atlanta, GA 30340



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0290-120816-OT-001-A	Initial Draw sample; Sink for water bottle fill up at Concession Stand/Rm 334.27	12/8/16 6:05 AM	None Detected
0290-120816-OT-001-B	Flush sample; Sink for water bottle fill up at Concession Stand/Rm 334.27	12/8/16 6:06 AM	3.11
0290-120816-SC-001-A	Service Connection Entry into Building	12/8/16 5:01 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



November 7, 2017

Via E-Mail: Joshua_I_williams@dekalbschoolsga.org

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

Re: Summary of Additional Lead in Drinking Water Sample Results Sequoyah Middle School (Facility ID #0290) 3456 Aztec Road, Atlanta, Georgia 30340 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 Sequoyah Middle School (Facility ID #0290).

Initial sampling was conducted on December 8, 2016, and analytical results were received from Analytical Environmental Services, Inc., on December 28, 2016. Additional drinking water samples from select source units were collected on April 26, 2017, and September 28 2017, and analytical results were received from Analytical Environmental Services, Inc., on May 10, 2017, and October 11, 2017.

FINDINGS

Initial Testing

AEM collected 73 drinking water samples from 37 sources at Sequoyah Middle School (Facility ID #0290), including two duplicate samples. 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.

Three 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 (ppb). These sources are indicated in bold and shaded font in Table 1. A copy of the AES laboratory analytical report is provided in Attachment B.

Mr. Joshua Williams—DeKalb County School District November 7, 2017 Page 2

Initial Sample Results of Previously Identified Inoperable Source Units

During the initial sampling event on December 8, 2016, one source unit (DF-001) was inoperable and could not be sampled. DCSD made repairs to the inoperable source unit, and AEM collected two drinking water samples from DF-001 on April 26, 2017. A description of the drinking water outlet sampled and a summary of sample analytical results are provided in Table 1.

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

Sample Results of Previously Identified Source Units That Exceeded 15 ppb

During the initial sampling event on December 8, 2016, three source units (DF-014, DF-016, and DF-017) were sampled and the analytical results indicated that one or more of the results were above EPA's action level of 15 ppb. DCSD replaced the source units and AEM collected six drinking water samples on April 26, 2017.

None of the samples collected from DF-016 contained lead at a concentration exceeding EPA's action level of 15 ppb. One or more of the samples from source units DF-014 and DF-017 had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 ppb. These units remained out of service so that additional remediation measures could be evaluated.

A filter was added to each of the drinking fountains and retesting was conducted on September 28, 2017. None of the samples collected from DF-014 and DF-017 contained lead at a concentration exceeding EPA's action level of 15 ppb.

A description of the drinking water outlets 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

JonesonAmt

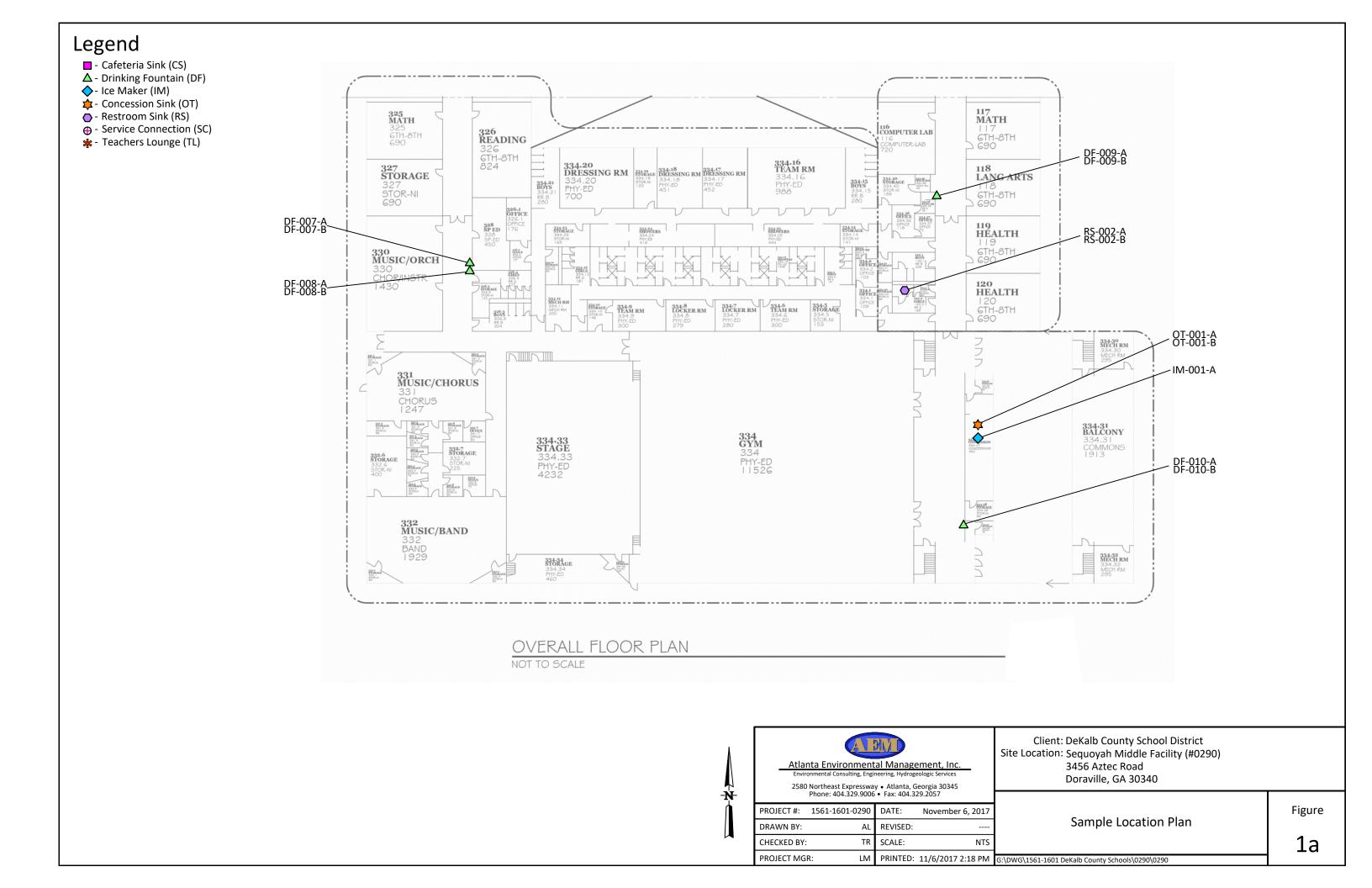
Janet T. Hart President

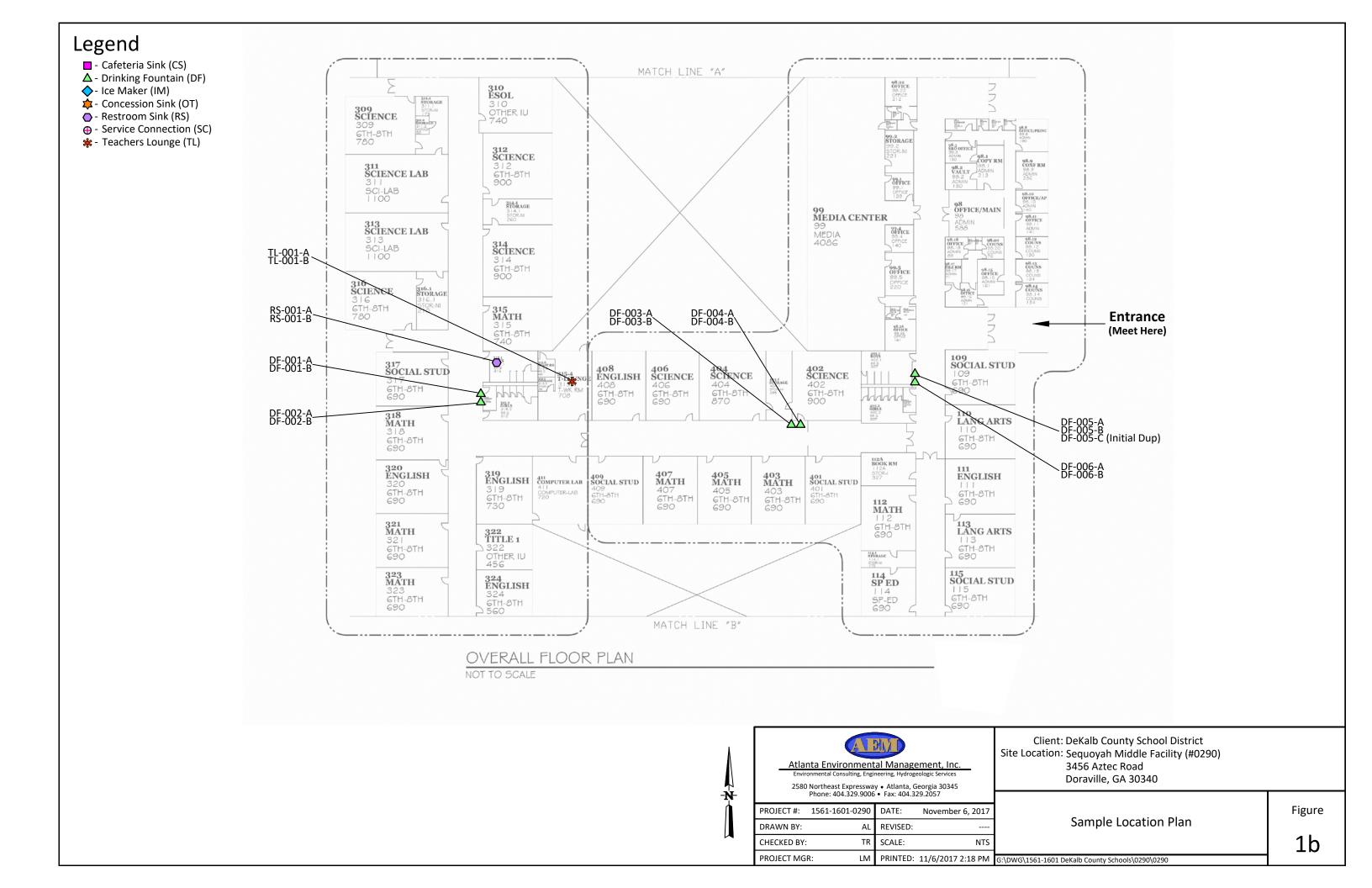
/krf

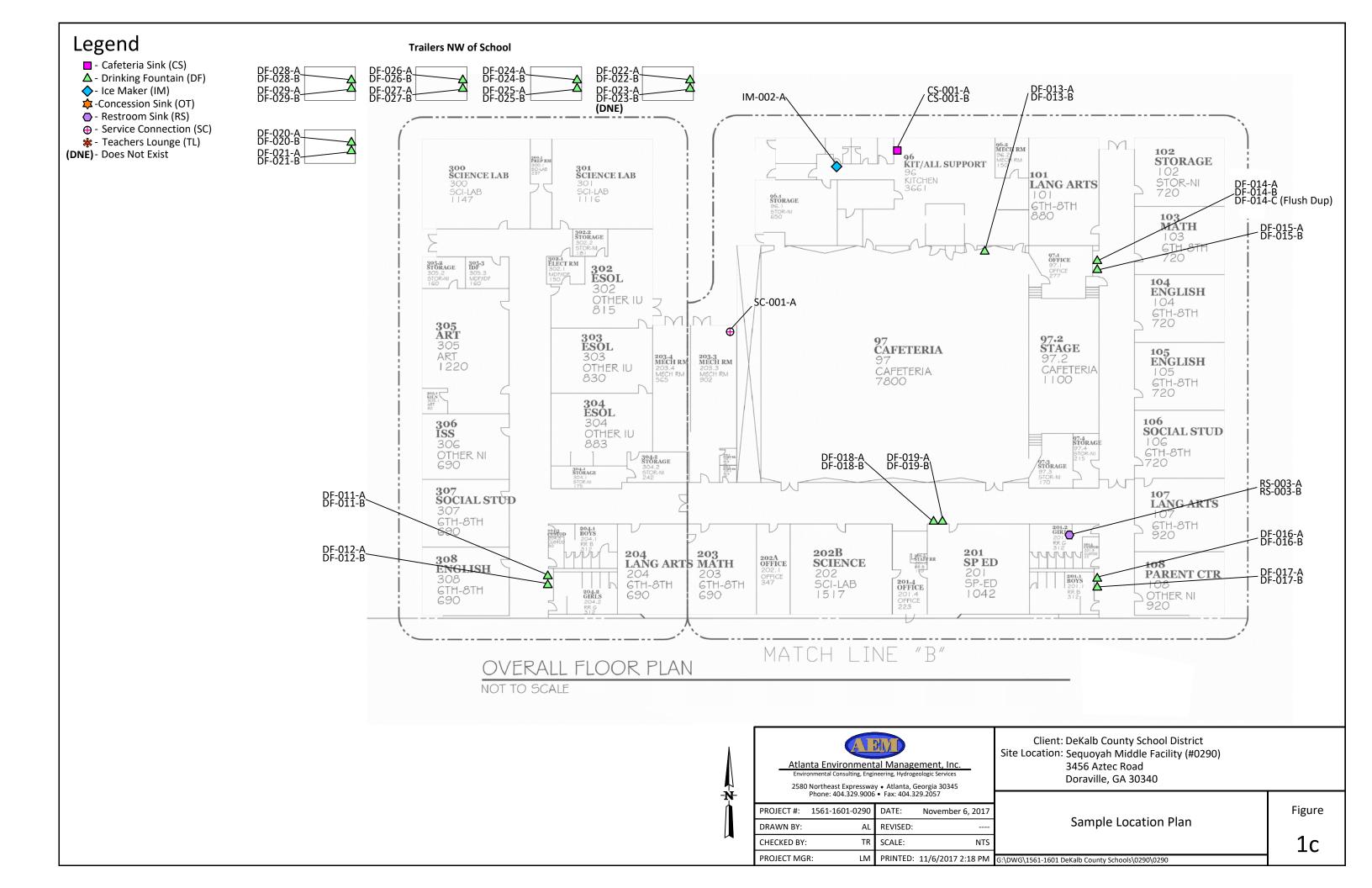
cc: Daniel Drake (DCSD) Tracee Hill (DCSD)

FIGURE









TABLE





Sample ID*	Sample ID* Sample Location Description		Lead Test Results (ppb)	
	Not sampled; Upper Left Wall Mounted Elkay Drinking Fountain in the hallway across from			
0290-120816-DF-001-A	Rm 318 Inoperable	NS	NS	
	Not sampled; Upper Left Wall Mounted Elkay Drinking Fountain in the hallway across from			
0290-120816-DF-001-B	Rm 318 Inoperable	NS	NS	
	Initial Draw sample; Upper Left Wall Mounted Elkay Drinking Fountain in the hallway			
0290-042617-DF-001-A	across from Rm 318	4/26/17 5:40 AM	None Detected	
	Flush sample; Upper Left Wall Mounted Elkay Drinking Fountain in the hallway across from			
0290-042617-DF-001-B	Rm 318	4/26/17 5:41 AM	None Detected	
	Initial Draw sample; Lower Right Wall Mounted Elkay Drinking Fountain in the hallway			
0290-120816-DF-002-A	across from Rm 318	12/8/16 5:13 AM	None Detected	
	Flush sample; Lower Right Wall Mounted Elkay Drinking Fountain in the hallway across			
0290-120816-DF-002-B	from Rm 318	12/8/16 5:14 AM	None Detected	
	Initial Draw sample; Upper Left Wall mounted Elkay Drinking Fountain in hallway across			
0290-120816-DF-003-A	from Rm 403	12/8/16 5:29 AM	5.96	
	Flush sample; Upper Left Wall mounted Elkay Drinking Fountain in hallway across from Rm			
0290-120816-DF-003-B	403	12/8/16 5:30 AM	7.22	
	Initial Draw sample; Lower Right Wall Mounted Elkay Drinking Fountain in the hallway			
0290-120816-DF-004-A	across from Rm 403	12/8/16 5:31 AM	7.66	
	Flush sample; Lower Right Wall Mounted Elkay Drinking Fountain in the hallway across			
0290-120816-DF-004-B	from Rm 403	12/8/16 5:32 AM	5.82	
	Initial Draw sample; Lower Right Wall mounted Elkay Drinking Fountain in the hallway			
0290-120816-DF-005-A	across from Rm 109	12/8/16 5:36 AM	None Detected	
	Flush sample; Lower Right Wall mounted Elkay Drinking Fountain in the hallway across			
0290-120816-DF-005-B	from Rm 109	12/8/16 5:38 AM	None Detected	
	Initial Draw sample duplicate; Lower Right Wall mounted Elkay Drinking Fountain in the			
0290-120816-DF-005-C	hallway across from Rm 109	12/8/16 5:37 AM	None Detected	
	Initial Draw sample; Upper Left Wall mounted Elkay Drinking Fountain in hallway across			
0290-120816-DF-006-A	from Rm 109	12/8/16 5:39 AM	None Detected	



Comple ID*	Comple Leasting Description	Sample Date & Time	Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Flush sample; Upper Left Wall mounted Elkay Drinking Fountain in hallway across from Rm		
0290-120816-DF-006-B	109	12/8/16 5:40 AM	None Detected
	Initial Draw sample; Upper Left Wall mounted Elkay Drinking Fountain in hallway across		
0290-120816-DF-007-A	from Rm 330	12/8/16 5:56 AM	None Detected
	Flush sample; Upper Left Wall mounted Elkay Drinking Fountain in hallway across from Rm		
0290-120816-DF-007-B	330	12/8/16 5:57 AM	None Detected
	Initial Draw sample; Lower Right Wall mounted Elkay Drinking Fountain in hallway across		
0290-120816-DF-008-A	from Rm 330	12/8/16 5:58 AM	None Detected
	Flush sample; Lower Right Wall mounted Elkay Drinking Fountain in hallway across from		
0290-120816-DF-008-B	Rm 330	12/8/16 5:59 AM	None Detected
	Initial Draw sample; Single Wall mounted Elkay Drinking Fountain in the hallway across		
0290-120816-DF-009-A	from Rm 118	12/8/16 5:43 AM	None Detected
	Flush sample; Single Wall mounted Elkay Drinking Fountain in the hallway across from Rm		
0290-120816-DF-009-B	118	12/8/16 5:44 AM	None Detected
0290-120816-DF-010-A	Initial Draw sample; Single Elkay Drinking Fountain in the Gym/334	12/8/16 5:58 AM	None Detected
0290-120816-DF-010-B	Flush sample; Single Elkay Drinking Fountain in the Gym/334	12/8/16 5:59 AM	None Detected
	Initial Draw sample; Upper Left Elkay Wall Mounted Drinking Fountain in hallway near Rm		
0290-120816-DF-011-A	308	12/8/16 5:06 AM	None Detected
0290-120816-DF-011-B	Flush sample; Upper Left Elkay Wall Mounted Drinking Fountain in hallway near Rm 308	12/8/16 5:07 AM	None Detected
	Initial Draw sample; Lower Right Elkay Wall Mounted Drinking Fountain in hallway near Rm		
0290-120816-DF-012-A	308	12/8/16 5:08 AM	None Detected
0290-120816-DF-012-B	Flush sample; Lower Right Elkay Wall Mounted Drinking Fountain in hallway near Rm 308	12/8/16 5:09 AM	None Detected
0290-120816-DF-013-A	Initial Draw sample; Wall mounted Elkay Drinking Fountain in Cafeteria/ Rm 97	12/8/16 5:17 AM	5.77
0290-120816-DF-013-B	Flush sample; Wall mounted Elkay Drinking Fountain in Cafeteria/ Rm 97	12/8/16 5:18 AM	3.92
0290-120816-DF-014-A	Initial Draw sample; Lower Right Elkay Drinking Fountain in hallway near Rm 103	12/8/16 5:42 AM	6.08



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0290-120816-DF-014-B	Flush sample; Lower Right Elkay Drinking Fountain in hallway near Rm 103	12/8/16 5:43 AM	18.9
0290-120816-DF-014-C	Flush sample duplicate; Lower Right Elkay Drinking Fountain in hallway near Rm 103	12/8/16 5:44 AM	19.5
0290-042617-DF-014-A	Initial Draw sample; Retest Lower Right Elkay Drinking Fountain in hallway near Rm 103	4/26/17 5:28 AM	17.5
0290-042617-DF-014-B	Flush sample; Retest Lower Right Elkay Drinking Fountain in hallway near Rm 103	4/26/17 5:29 AM	11.9
0290-092817-DF-014-A	Initial Draw sample; Retest Lower Right Elkay Drinking Fountain in hallway near Rm 103; Filter added	9/28/17 4:57 AM	1.82
0290-092817-DF-014-B	Flush sample; Retest Lower Right Elkay Drinking Fountain in hallway near Rm 103; Filter added	9/28/17 4:58 AM	None Detected
0290-120816-DF-015-A	Initial Draw sample; Upper Left Elkay Drinking Fountain in hallway near Rm 103	12/8/16 5:40 AM	4.21
0290-120816-DF-015-B	Flush sample; Upper Left Elkay Drinking Fountain in hallway near Rm 103	12/8/16 5:41 AM	14.2
0290-120816-DF-016-A	Initial Draw sample; Lower Right Elkay Drinking Fountain in hallway near Rm 108	12/8/16 5:34 AM	12.7
0290-120816-DF-016-B	Flush sample; Lower Right Elkay Drinking Fountain in hallway near Rm 108	12/8/16 5:35 AM	59.1
0290-042617-DF-016-A	Initial Draw sample; Retst Lower Right Elkay Drinking Fountain in hallway near Rm 108	4/26/17 5:32 AM	13.0
0290-042617-DF-016-B	Flush sample; Retest Lower Right Elkay Drinking Fountain in hallway near Rm 108	4/26/17 5:33 AM	5.39
0290-120816-DF-017-A	Initial Draw sample; Upper Left Elkay Drinking Fountain in hallway near Rm 108	12/8/16 5:32 AM	2.40
0290-120816-DF-017-B	Flush sample; Upper Left Elkay Drinking Fountain in hallway near Rm 108	12/8/16 5:33 AM	54.9
0290-042617-DF-017-A	Initial Draw sample; Retest Upper Left Elkay Drinking Fountain in hallway near Rm 108	4/26/17 5:34 AM	25.2
0290-042617-DF-017-B	Flush sample; Retest Upper Left Elkay Drinking Fountain in hallway near Rm 108	4/26/17 5:35 AM	3.50
0290-092817-DF-017-A	Initial Draw sample; Retest Upper Left Elkay Drinking Fountain in hallway near Rm 108; Filter added	9/28/17 5:02 AM	None Detected



Sample ID*	Sample ID* Sample Location Description		Lead Test Results (ppb)	
	Flush sample; Retest Upper Left Elkay Drinking Fountain in hallway near Rm 108; Filter	Sample Date & Time		
0290-092817-DF-017-B	added	9/28/17 5:03 AM	None Detected	
0290-120816-DF-018-A	Initial Draw sample; Lower Right Elkay Drinking Fountain in hallway near Rm 201	12/8/16 5:25 AM	1.62	
0290-120816-DF-018-B	Flush sample; Lower Right Elkay Drinking Fountain in hallway near Rm 201	12/8/16 5:26 AM	2.14	
0290-120816-DF-019-A	Initial Draw sample; Upper Left Elkay Drinking Fountain in hallway near Rm 201	12/8/16 5:23 AM	None Detected	
0290-120816-DF-019-B	Flush sample; Upper Left Elkay Drinking Fountain in hallway near Rm 201	12/8/16 5:24 AM	2.68	
	Initial Draw sample; Upper Left Wall mounted Halsey Taylor Drinking Fountain in trailer			
0290-120816-DF-020-A	MAU #5	12/8/16 5:36 AM	None Detected	
0290-120816-DF-020-B	Flush sample; Upper Left Wall mounted Halsey Taylor Drinking Fountain in trailer MAU #5	12/8/16 5:37 AM	None Detected	
	Initial Draw sample; Lower Right mounted Halsey Taylor Drinking Fountain in trailer MAU			
0290-120816-DF-021-A	#5	12/8/16 5:38 AM	None Detected	
0290-120816-DF-021-B	Flush sample; Lower Right mounted Halsey Taylor Drinking Fountain in trailer MAU #5	12/8/16 5:39 AM	None Detected	
0290-120816-DF-022-A	Initial Draw sample; Single Wall Mounted Elkay Drinking Fountain in trailer MAU #1	12/8/16 5:55 AM	None Detected	
0290-120816-DF-022-B	Flush sample; Single Wall Mounted Elkay Drinking Fountain in trailer MAU #1	12/8/16 5:56 AM	None Detected	
0290-120816-DF-023-A	Not sampled; Source unit does not exist			
0290-120816-DF-023-B	Not sampled; Source unit does not exist			
0290-120816-DF-024-A	Initial Draw sample; Upper Left Wall Mounted Drinking Fountain in trailer MAU #2	12/8/16 5:50 AM	None Detected	
0290-120816-DF-024-B	Flush sample; Upper Left Wall Mounted Drinking Fountain in trailer MAU #2	12/8/16 5:51 AM	None Detected	
0290-120816-DF-025-A	Initial Draw sample; Lower Right Wall Mounted Drinking Fountain in trailer MAU #2	12/8/16 5:52 AM	None Detected	
0290-120816-DF-025-B	Flush sample; Lower Right Wall Mounted Drinking Fountain in trailer MAU #2	12/8/16 5:53 AM	None Detected	
0290-120816-DF-026-A	Initial Draw sample; Upper Left Wall Mounted Drinking Fountain in trailer MAU #3	12/8/16 5:44 AM	None Detected	



Sample ID*	Sample ID* Sample Location Description		Lead Test Results (ppb)	
0290-120816-DF-026-B	Flush sample; Upper Left Wall Mounted Drinking Fountain in trailer MAU #3	12/8/16 5:45 AM	None Detected	
0290-120816-DF-027-A	Initial Draw sample; Lower Right Wall Mounted Drinking Fountain in trailer MAU #3	12/8/16 5:46 AM	None Detected	
0290-120816-DF-027-B	Flush sample; Lower Right Wall Mounted Drinking Fountain in trailer MAU #3	12/8/16 5:47 AM	None Detected	
0290-120816-DF-028-A	Initial Draw sample; Upper Left Wall mounted Halsey Taylor Drinking Fountain in trailer MAU #4	12/8/16 5:28 AM	None Detected	
0290-120816-DF-028-B	Flush sample; Upper Left Wall mounted Halsey Taylor Drinking Fountain in trailer MAU #4	12/8/16 5:29 AM	None Detected	
	Initial Draw sample; lower Right Wall mounted Halsey Taylor Drinking Fountain in trailer			
0290-120816-DF-029-A	MAU #4	12/8/16 5:30 AM	None Detected	
0290-120816-DF-029-B	Flush sample; Lower Right Wall mounted Halsey Taylor Drinking Fountain in trailer MAU #4	12/8/16 5:31 AM	None Detected	
0290-120816-DF-030-A	Initial Draw sample; Single Elkay Drinking Fountain Wall Mounted in the hallway near Rm 300	12/8/16 5:12 AM	None Detected	
0290-120610-DF-030-A	500	12/0/10 5.12 AW	None Delected	
0290-120816-DF-030-B	Flush sample; Single Elkay Drinking Fountain Wall Mounted in the hallway near Rm 300	12/8/16 5:13 AM	None Detected	
0290-120816-TL-001-A	Initial Draw sample; Only sink in Rm 410	12/8/16 5:25 AM	1.05	
0290-120816-TL-001-B	Flush sample; Only sink in Rm 410	12/8/16 5:26 AM	None Detected	
0290-120816-RS-001-A	Initial Draw sample; Far Left sink in boy's RR/ 315.1	12/8/16 5:21 AM	1.58	
0290-120816-RS-001-B	Flush sample; Far Left sink in boy's RR/ 315.1	12/8/16 5:22 AM	None Detected	
0290-120816-RS-002-A	Initial Draw sample; Left most sink sampled in Girl's RR across from Rm 120	12/8/16 5:48 AM	5.63	
0290-120816-RS-002-B	Flush sample; Left most sink sampled in Girl's RR across from Rm 120	12/8/16 5:49 AM	1.22	
0290-120816-RS-003-A	Initial Draw sample; Left most sink sampled in Girl's RR/ 201.2	12/8/16 6:13 AM	1.64	
0290-120816-RS-003-B	Flush sample; Left most sink sampled in Girl's RR/ 201.2	12/8/16 6:14 AM	None Detected	
0290-120816-CS-001-A	Initial Draw sample; Food Prep sink in back of Kitchen; water was Silty	12/8/16 5:10 AM	8.01	
0290-120816-CS-001-B	Flush sample; Food Prep sink in back of Kitchen; water was Silty	12/8/16 5:11 AM	1.41	
0290-120816-IM-001-A	Initial Draw sample; Scotsman Ice Machine in Concession Stand	12/8/16 6:07 AM	None Detected	

3456 Aztec Road, Atlanta, GA 30340



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0290-120816-IM-002-A	Initial Draw sample; Scotsman Ice Machine at back left of Kitchen/ Rm 96	12/8/16 5:06 AM	None Detected
0290-120816-OT-001-A	Initial Draw sample; Sink for water bottle fill up at Concession Stand/Rm 334.27	12/8/16 6:05 AM	None Detected
0290-120816-OT-001-B	Flush sample; Sink for water bottle fill up at Concession Stand/Rm 334.27	12/8/16 6:06 AM	3.11
0290-120816-SC-001-A	Service Connection Entry into Building	12/8/16 5:01 AM	None Detected

Notes:

ppb-parts per billion

Bold-Exceeds 15 ppb--EPA's

Action Level for Lead

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

("B") after a 30-second flush sample

(--): Source Sample Locations were previously identified by DCSD; however upon arrival to collect samples, source was not located NS-Not sampled; source unit was inoperable during the initial testing on 12/8/16

ATTACHMENT A AEM Field Sampling Forms



FACILITY NAME: SEQUOYAH

SEQUOYAH MIDDLE FACILITY

FACILITY ID: 0290

ADDRESS: 3456 Aztec Road Atlanta, GA, 30340

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/8/16	0536	0290 - 120816 - DF - 005 - A	across from RM 109	In room Hallway	lower right EIKary DF NM	Ktw
12/8/16	0538	0290 - 120816 - DF - 005 - B		In room Hallway	SAA	KTW
12/8/16	0537	0290 - 120816 - DF-005-C		In room Hallway	SAA Initial dup.	F-fw
12/8/16	0539	0290 - 120816 - DF - 006 - A		In room Hallway	Mpper L'EIKay DE MM	Ktw
12/8/16	0540	0290 - 120816 - DF - 006 - B		In room	SAA	KTW
12/8/16	0556	0290 - 120816 - DF - 007 - A	acruss from RM 330	In room	Upper L Elkay DF	KTW
12/8/16	0557	0290 - 120816 - DF - 007 - B		In room Hallway	SAA	KTW
12/8/16	0558	0290 - 120816 - DF - 008 - A		In room Hallway	Lower R Elkay DF MM	Ktw
12/8/16	0559	0290 - 120816 - DF - 008 - B		In room Hallway	SAA	KTW
12/8/16		0290 - 120816 -		In room Hallway		

FACILITY NAME:

SEQUOYAH MIDDLE FACILITY

FACILITY ID: 0290

ADDRESS: 3456 Aztec Road Atlanta, GA, 30340

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/8/16	0532	0290 - 120816 - DF-017-A	108	In room Hallway	Upper left Elkay	3
12/8/16	0533	0290 - 120816 - DF-017-B	6	In room Hallway		CA.
12/8/16	0534	0290 - 120816 - DF-016-A	ι,	In room Hallway	Lower right tikay	CA.
12/8/16	0535	0290 - 120816 - DF-010 - B	. U	In room Hallway	ts.	07
12/8/16	0540	0290 - 120816 - DF-015-A	103	In room Hallway	Upper left Elkary	\Box
12/8/16	0541	0290 - 120816 - DF-015-B	S	In room Hallway	10	0A
12/8/16	0542	0290 - 120816 - DF-014-A	U _N	In room Hallway	Lower Right Elkay	CA
12/8/16	0543	0290 - 120816 - DF-014-B	5.1	In room Hallway	15	(Λ)
12/8/16	0 544	0290 - 120816 - DF-014-C	85	In room Hallway	ylush dup	CA
12/8/16		0290 - 120816 -		In room Hallway		

FACILITY NAME:

SEQUOYAH MIDDLE FACILITY

FACILITY ID: 0290

ADDRESS: 3456 Aztec Road Atlanta, GA, 30340

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/8/16	à511	0290 - 120816 - DF-001-A	acruss from Rm 318	In room	Upper left Elkay DF-WM	Ktw
12/8/16	0512	0290 - 120816 - DF - 001 - B	h AA	In room	SAA NE MOPELUITE	KTW
12/8/16	0513	0290 - 120816 - DF-002 - A	at A	In room Hallway	Lower right Elkay DF MM	KtW
12/8/16	0514	0290 - 120816 - DF - 002 - B	u u	In room Hallway	SAA	KTW
12/8/16	0529	0290 - 120816 - DF - 003 - A	nall from	In room	Upper L EIIKay DF WM	KN
12/8/16	0530	0290 - 120816 - DF - 003 - B	11 AL	In room Hallway	SAA	FW
12/8/16	0531	0290 - 120816 - DF-004 - A	11 N	In room Hallway	Lower & EIKay DF UM	KTW
12/8/16	0532	0290 - 120816 - DF - 004 - B	11 X	In room Hallway	SAA	KtW
12/8/16		0290 - 120816 -		In room Hallway		
12/8/16		0290 - 120816 -		In room Hallway		

FACILITY NAME: SEQUOYAH MIDDLE FACILITY

FACILITY ID: 0290

ADDRESS: 3456 Aztec Road Atlanta, GA, 30340

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/8/16	0506	0290 - 120816 - IM - OOZ-A	kitahan 94	In room Hallway	Scotsman at back left of kitchen	\mathcal{O}
12/8/16	0310	0290 - 120816 - CS-001 - A	Kitchan 96	ln room Hallway	food prep Suk in back of kitchen; water is silty	CJ.
12/8/16	0511	0290 - 120816 - CS-001-B	13	din room Hallway		OP
12/8/16	0517	0290 - 120816 - DF -013-A	Cafeteria 97	Hallway	Wall monted Elkay	02
12/8/16	0518	0290 - 120816 - DF-013-B	4	In room Hallway	57	0
12/8/16	0523	0290 - 120816 - OF - O19 - A	201	In room Hatiway	Upper left Elkay	CA
12/8/16	0524	0290 - 120816 - DF-019-B	(,	In room		CA.
12/8/16	0525	0290 - 120816 - DF -018-A	ч <u>х</u>	In room Haliway	Lower right Elkay	ar
12/8/16	0526	0290 - 120816 - DF-018-B'	CV	In-room Hallway		(A)
12/8/16		0290 - 120816 -		In room Hallway		

FACILITY NAME:

SEQUOYAH MIDDLE FACILITY

FACILITY ID: 0290

ADDRESS: 3456 Aztec Road Atlanta, GA, 30340

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/8/16	0558	0290 - 120816 - DF-010-A	Gym 384	In room Hallway	Elkay	07
12/8/16	0559	0290 - 120816 - DF-010-B	15	In room Hallway		CA
12/8/16	0605	0290 - 120816 - OT-001-A	Concession Stand 334.30	In room Hallway	sink for water bottle fill up	0
12/8/16	0606	0290 - 120816 - OT - OOI - B	7X.	In room Hallway		08
12/8/16	0607	0290 - 120816 - 1M-001-A	5 3	In room Hallway	Scotsman	07
12/8/16	0613	0290 - 120816 - 25-003-A	Girls' RR 201.2	(n room) Hallway	Left most sink sampled	CA
12/8/16	0614	0290 - 120816 - RS-003-B	18	In room Hallway		02
12/8/16		0290 - 120816 -		In room Hallway		
12/8/16		0290 - 120816 -		In room Hallway		
12/8/16		0290 - 120816 -		In room Hallway		

FACILITY NAME:

SEQUOYAH MIDDLE FACILITY

FACILITY ID: 0290

ADDRESS: 3456 Aztec Road Atlanta, GA, 30340

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/8/16	0521	0290 - 120816 - RS - 001 - A	boys PR 315.1	<u>In room</u> Hallway	Far lift sink	KTW
12/8/16	0522	0290 - 120816 - RS - 001 - B	W NU	to room Hallway	SAA	FW
12/8/16	0548	0290 - 120816 - RS - 002 - A	Girls RR across from	In room Hallway	left sink	KTW
12/8/16	0549	0290 - 120816 - RS - 002 - B	120	-tn room Hallway	SAA	XTW
12/8/16	0525	0290 - 120816 - TL-001 - A	410	Hallway	Only sink in Rm	kno
12/8/16	0526	0290 - 120816 - TL-001 -B	<i>11 cc</i>	to room Hallway	SAA	KTW
12/8/16	0501	0290 - 120816 - SC-001 - A	across hall from 202A	In room Hallway	Only sint in Boiler Rm	KTW
12/8/16	0543	0290 - 120816 - DF - 009 - A	actors from 12M	In room Hallway	Single Elkary DE WM	Ktw
12/8/16	0544	0290 - 120816 - DF - 089-B	{(),	In room Hallway	SAA	KTW
12/8/16		0290 - 120816 -		In room Hallway		

FACILITY NAME: SEQUOYAH MIDDLE FACILITY

FACILITY ID: 0290

ADDRESS: 3456 Aztec Road Atlanta, GA, 30340

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/8/16	0536	0290 - 120816 - DE-DD-A	MAU#S	In room Hallway	upper left Hakey T. MM	Ut
12/8/16	0537	0290 - 120816 - 0F-020-B	n //	In room Hallway		
12/8/16	0538	0290 - 120816 - OF - OR - A	(1)/	In room Hallway	Iower Regut HabeyT.	
12/8/16	0539	0290 - 120816 - OF - DH - B	(x - 1)	In room Hallway	× /)	
12/8/16	0544	0290 - 120816 - OF - O26 - A	MAU#3	In room Hallway	apper left Elkey WM	
12/8/16	0545	0290 - 120816 - OF - OZG-B	V //	In room Hallway	(L V	
12/8/16	054Le	0290 - 120816 - DE-627-A	N //	In room Hallway	Inver Reght Elkay	
12/8/16	0547	0290 - 120816 - OF - OZ - B	o //	In room Hallway	(\ //	
12/8/16	0550	0290 - 120816 - DF - 074 - A	MAU #2	In room Hallway	upper left Ellong	
12/8/16	0551	0290 - 120816 - OF - OLG - B	W ()	In room Hallway	м ()	Ø

FACILITY NAME: SEC

SEQUOYAH MIDDLE FACILITY

FACILITY ID: 0290

ADDRESS: 3456 Aztec Road Atlanta, GA, 30340

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/8/16	855A	0290 - 120816 - DE- DAS-A	MAU#2	ln room Hallway	laver Regist Ellerp	LH
12/8/16	0553	0290 - 120816 - DE -O25-B	(N /)	In room Hallway	()	44
12/8/16	0555	0290 - 120816 - DF - 022-14	MANAI	ln room Hallway	single Elkey wh	4
12/8/16	0556	0290 - 120816 - OF - ODZ-B	м. [2	in room Hallway	()	A
12/8/16		0290 - 120816 - DF - DZ - A		In room Hallway	Does not exist	
12/8/16		0290 - 120816 - OF-023-B		In room Hallway		
12/8/16		0290 - 120816 -		In room Hallway		
12/8/16		0290 - 120816 -		In room Hallway		
12/8/16		0290 - 120816 -		In room Hallway		
12/8/16		0290 - 120816 -		In room Hallway		

FACILITY NAME: SEQUOYAH MIDDLE FACILITY

FACILITY ID: 0290

ADDRESS: 3456 Aztec Road Atlanta, GA, 30340

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
12/8/16	0506	0290 - 120816 - <u>D</u> F-DII - A	308	In room Hallway	upper Uft Elkary WM	Ut
12/8/16	0507	0290 - 120816 - OF - ON - B		In room Hallway	1)	
12/8/16	0508	0290 - 120816 - OF - 012-A		In room Hallway	When Right Elkary	
12/8/16	0509	0290 - 120816 - DF - OIZ-B		In room Hallway	() ()	
12/8/16	05.12	0290 - 120816 - OF - O3O-A	300	In room Hallway	single fikary wall-M	
12/8/16	0513	0290 - 120816 - DF - 030-B	x ()	In room Hallway	u []	
12/8/16	0528	0290 - 120816 - DF-028-A	MAU	In room Hallway	Tanker left Halsey	
12/8/16	0529	0290 - 120816 - 0f - 028 - B	(\ /)	In-room Hallway		
12/8/16	0530	0290 - 120816 - OF - OZ9 - A	N 12	In room Hallway	Josev Right um	
12/8/16	0531	0290 - 120816 - DE - ORE-B	× "	In room Hallway	1	N

FACILITY NAME: SEQUOYAH MIDDLE FACILITY

FACILITY ID: 0290

ADDRESS: 3456 Aztec Road Atlanta, GA, 30340

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
4/26/17	0528	0290 - 042617 - DF - 014-A	across from 103	In room Hallway	LOWER Might Elikay win	AI
4/26/17	०९२९	0290 - 042617 - DF-014-B	tχ	In room Hallway	+ t	AI
4/26/17	0532	0290 - 042617 - DF - 016 - A	across from 108	In room Hallway	LOWER RISHT ELKAY WM	1A7
4/26/17	0533	0290 - 042617 - DF-016-B	U V	In room Hallway		A
4/26/17	०५३५	0290 - 042617 - DF-017-A	3 N	In room Hallway	upper Left Elkgy wm PF	A
4/26/17	ઌઽૼ૱ઽૼ	0290 - 042617 - DF - 017 - B	(₁	In room Hallway	Λ ζ	A
4/26/17	0540	0290 - 042617 - DF - 001 - A	across From 317	In room Hallway	upper Left Elkay NMDF	A
4/26/17	0541	0290 - 042617 - DF - 061-B	Į.C.	In room Hallway	ξ (A
4/26/17		0290 - 042617 -		ln room Hallway		
4/26/17		0290 - 042617 -		ln room Hallway		

FACILITY NAME: SEQUOYAH MIDDLE FACILITY

FACILITY ID: 0290

ADDRESS: 3456 Aztec Road Atlanta, GA, 30340

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
9/28/17	0457	0290 - 092817 - DF - 014-A	103	In room	upper left Elkay; w/filter	TR
9/28/17	0458	0290 - 092817 - DF-014-B	103	In room Hallway	ζ(TR
9/28/17	0502	0290 - 092817 - DF-017-A	108	In room Hallway	upper left Elkay; w/filter	TR
9/28/17	0503	0290 - 092817 - DF-077-B	108	In room	[ι	TR
9/28/17		0290 - 092817 -		In room Hallway		
9/28/17		0290 - 092817 -		In room Hallway		
9/28/17		0290 - 092817 -		In room Hallway		
9/28/17		0290 - 092817 -		ln room Hallway		
9/28/17		0290 - 092817 -		ln room Hallway		
9/28/17		0290 - 092817 -		ln room Hallway		

ATTACHMENT B

AES Laboratory Analytical Report



Leona Miles

From:	NoReply@aesatlanta.net
Sent:	Wednesday, December 28, 2016 9:07 AM
То:	leona-miles@aem-net.com; tim-royer@aem-net.com
Subject:	DCSD - 0290
Attachments:	1612881_REPORT.pdf; 1612881Invoice.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.



December 28, 2016 Leona Miles

Atlanta Environmental Mgmt 2580 NE Expresswav Atlanta GA 30345

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

RE: DCSD - 0290

Dear Leona Miles:

Order No: 1612881

Analytical Environmental Services, Inc. received 73 samples on 12/8/2016 7:58:00 AM for the analyses presented in following report.

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

AES's accreditations are as follows:

-NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.

-NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.

-NELAC/Texas Certificate No. T104704509-16-6 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 03/01/16-02/28/17.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

IDana) Pacurar

Ioana Pacurar Project Manager



Preserve at the Lah per protocol

COMPANY:

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

Atlanta Environmental Management, Inc

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

ADDRESS:

ANALYSIS REQUESTED

PO#:

Work Order

No # of Containers

1

Date: 2 X (0 Page

Visit our website

www.aesatlanta.com

							200										to check on the	status of	
PHONE:	(404) 329-9006	FAX:	(404) 329	-2057	7		Method :										your results, pla orders, et		
SAMPLED BY:	Taylor West	SIGNATURE:	Jaulo	n(iles	Ł	e										or ders, et		
		SAN	APLED		e e	(s	Total									╘╧┥			
#	SAMPLE ID				Composite	ix code		<u> </u>		PRES	ERVAT	10N (Se	e codes)			-	REMARDI	F	
		DATE	TIME	Grab	Com	Matrix (See codes)	Ι								_	┢─┤			h
1	0290-120816-DF-001-A	12/8/2016		X		D₩									_	╞──┤			ł
2	0290-120816-DF-001-B	12/8/2016		X	an and a subscription of the subscription of t	-DW-										┞──┤			ł
3	0290-120816-DF-002-A	12/8/2016	0518	X		DW	Х						_			-			ł
4	0290-120816-DF-002-B	12/8/2016	0514	X		DW	, soliton and						_			$ \downarrow $			ł
5	0290-120816-DF-003-A	12/8/2016	0529	X		DW										+			ł
6	0290-120816-DF-003-B	12/8/2016	0530	X		DW	automater and						_		_	\downarrow			ł
7	0290-120816-DF-004-A	12/8/2016	0531	X		DW										┶┙			ł
8	0290-120816-DF-004-B	12/8/2016	0532	X		DW										╇			ł
9	0290-120816-DF-005-A	12/8/2016	0536	X		DW	WHORE IS A REAL OFFICE								_	\perp			ł
10	0290-120816-DF-005-B	12/8/2016	0538	X		DW							_						-
	0290-120816-DF-005-C	12/8/2016	0537	X		DW	don service and the						_			<u> </u>	ļ		┥
12	0290-120816-DF-006-A	12/8/2016	0539	X		DW	An and a second second												-
13	0290-120816-DF-006-B	12/8/2016	0540	X		DW	a the fit was a second									<u> </u>			-
14	0290-120816-DF-007-A	12/8/2016	0556	X		DW	hadantari			_									1
15	0290-120816-DF-007-B	12/8/2016	0557	X		DW	\vee						_]
RELINQUISHE	D BY DATE/TIME	RECEIVED E	BY			DATE/TIME		JECT N	AME	PRC	JECT I	NFOR	MATION	N				CEIPT	7
1: Jan	lor West 7:40 12/8/16		- the	L	7:4	10 12/4		JECT IN	NUL.	DC	SD						Total # of Con	tainers	_
2:	Jayar Mass in Ing gio		Soft		12	8/2014	PRO	JECT #:			1561-							Time Request	
U		Millite	Muanthurar 758 AM				SITE	ADDR	ESS:			290					Standard 5 B	•	
3:		3:						D BEEC	DTTO	La	ona M	files a	nd Ti	m Rov	er		2 Business D Next Busine	•	
							SEND REPORT TO: Leona Miles and Tim Royer								1 ~	ush (auth req			
SPECIAL INST	RUCTIONS/COMMENTS:	OUT	SHIPMEN	T METH VIA:			INVOICE TO: (IF DIFFERENT FROM ABOVE)								Other: 10 bu		Ĺ		
L	T d an and al		· · ·	VIA:				leona-	miles@a	em-net.	com; tim	-royer@	aem-net.	com			STATE PROGRAM (if an	y):	_

2580 Northeast Expressway, NE

0.8

Atlanta, GA 30345

QUOTE #: OTHER GREYHOUND

IN

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.

VIA:

FedEx UPS MAIL COURIER

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

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

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

CLIENT

Page 2 of 85

Fax? Y/N

I II III IV

E-mail? Y/N;

DATA PACKAGE:



ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

Work Order:	16	12881

AES	TEL.: (770) 457-8177 / TOLL-FREE (800) 972-488	89 / FAX: (770) 457-8188											Date	:12/8	/10 Page 2	of	6
COMPANY:	Atlanta Environmental Management, Inc	ADDRESS:	2580 North Atlanta, GA		-	ay, NE	~			ANAI	.YSIS I	REQUE	STED			Visit our website www.aesatlanta.c		
PHONE:	(404) 329-9006	FAX:	(404) 329) -205	7		Method 200.8								t	to check on the statu our results, place be	s of	ers
SAMPLED BY:	Taylor West	SIGNATURE:		r l	2	V.C	Pb Met									orders, etc.	suic	No # of Containers
#	SAMPLE ID	SAN	MPLED		Composite	Matrix (See codes)	Total Pb			PRESE	ERVATIO	ON (See	codes)					No # of
		DATE	TIME	Grab	Com	Matri (See	I									REMARDF		
1	0290-120816-DF-008-A	12/8/2016	0558	X		DW	\times											1
2	0290-120816-DF-008-B	12/8/2016	0559	X		DW	on a state of the											L. oronau
3	0290-120816-DF-009-A	12/8/2016	0543	X		DW	when and a second											Concernance of
4	0290-120816-DF-009-B	12/8/2016	0544	X		DW	ATT FEIR OF											
5	0290-120816-DF-010-A	12/8/2016	0558	X		DW	of and inclusion											-
6	0290-120816-DF-010-B	12/8/2016	0559	X		DW	O-N-CELWARMONT											-
7	0290-120816-DF-011-A	12/8/2016	0506	X		DW	onconserv									and the second sec		-
8	0290-120816-DF-011-B	12/8/2016	0507	X		DW	and a second											
9	0290-120816-DF-012-A	12/8/2016	0508	X		DW												-
10	0290-120816-DF-012-B	12/8/2016	0509	X		DW						_ <u></u>						co estatemente
11	0290-120816-DF-013-A	12/8/2016	0517	X	1	DW	- COlde and de											ui <u>hanan</u> aa
12	0290-120816-DF-013-B	12/8/2016	10518	X		DW												-
13	0290-120816-DF-014-A	12/8/2016	0542	X		DW												-
14	0290-120816-DF-014-B	12/8/2016	0543	X		DW						-						-
15	0290-120816-DF-014-C	12/8/2016	0544	X		DW	$\overline{\mathbf{v}}$											-
RELINQUISHED	BY DATE/TIME	RECEIVED B	Y			DATE/TIME	_			PROJI	ECT INF	ORMA	TION			RECEIPT		<u> </u>
Jaylu	r West 7:40 12/8	1: J	Atr	1	12kz	7: Mh	PROJI	ECT NAI	4E:	DCS	D					Total # of Containers		
2: (J 3:	Ĩ	2: ////////	Ana	_ /	12/8/ 7:5	1) lø 8 AU	PROJE SITE A	CT #:	S:	1	561-16 29					O Standard 5 Business I		
							SEND	REPOR	г то:	Leon	a Mil	es and	Tim R	over		2 Business Day Rush Next Business Day R	ish	
SPECIAL INSTRU	JCTIONS/COMMENTS:	OUT /	SHIPMENT /	METHO VIA:	D		INVOI	CE TO:		I ABOVI						Saune Day Rush (auth Other: 10 business Day R	ı req.)	
Preserve at the La	ab per protocol	IN CLIEN	/	VIA: PS MAI THER	L COU	RIER			es@aen	n-net.com	ı; tim-roy		-net.com		E-1	ATE PROGRAM (if any): mail? Y / N; Fax? Y	/ N	
SAMDI PO DECT	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS						QUOT					PO#:_			DA	ATA PACKAGE: I II	ШГ	/

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

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



ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

Work Order:	41283
-------------	-------

of 🖉

Page_3

Date:

3080 Presidential Drive, Atlanta GA 30340-3704 TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

COMPANY:	Atlanta Environmental Management, Inc	ADDRESS:	2580 North	east Exj	presswa	ay, NE				AN	ALYSI	S REQ	UESTI	ED		<u> </u>	Visit our website	
			Atlanta, GA	30345			200.8										w.aesatlanta.com neck on the status of	
PHONE:	(404) 329-9006	FAX:	(404) 329	9-2057	7		Total Pb Method 200.8										results, place bottle	uners
SAMPLED BY:	Taylor West	SIGNATURE:	Jarle	υl	Nes	ł	l Pb M										orders, etc.	No # of Containers
#) SAMPLE ID	SAN	MPLED		site	les)	Tota			DDE	SEDV		See cod					0 # 0N
		DATE	TIME	Grab	Composite	Matrix (See codes)	I									1	REMARKS	
1	0290-120816-DF-015-A	12/8/2016	0540	X		DW	X											1
2	0290-120816-DF-015-B	12/8/2016	0541	X	1	DW												i.
3	0290-120816-DF-016-A	12/8/2016	0534	X		DW												
4	0290-120816-DF-016-B	12/8/2016	0535	X		DW												
5	0290-120816-DF-017-A	12/8/2016	0532	X		DW												
6	0290-120816-DF-017-B	12/8/2016	0532	X		DW												
7	0290-120816-DF-018-A	12/8/2016	0525	X		DW												
8	0290-120816-DF-018-B	12/8/2016	0526	X		DW										-		
9	0290-120816-DF-019-A	12/8/2016	0522	X		DW					1							
10	0290-120816-DF-019-B	12/8/2016	0524	X		DW												
11	0290-120816-DF-020-A	12/8/2016	0536	X		DW					1							and the second s
12	0290-120816-DF-020-B	12/8/2016	0537	X		DW					-					1		
13	0290-120816-DF-021-A	12/8/2016	0538	X		DW	and the second se											NAME AND ADDRESS OF OWNER
14	0290-120816-DF-021-B	12/8/2016	0529	X		DW	And Balance							++				Wpm Bdure Traffic
15	0290-120816-DF-022-A	12/8/2016	0555	X		DW	V											$\overline{\mathbf{v}}$
RELINQUISHED E	BY DATE/TIME	RECEIVED B	Y	1		DATE/TIME				PRO	JECT	INFOR	MATIC	N I	11		RECEIPT	
" Jaylı	v West 7:40 12/8	I:	SULA		12hz	7:M)	PROJ	ECT N	AME:	DC	SD						Total # of Containers	
2: ()	t	2: Maria	muhun			12014		ECT #:			1561						Turnaround Time Request	
3:		3:	mommu		7 5	8AM	SITE .	ADDR	ESS:			290				10	Standard 5 Business Days	
		5.					SEND	REPC	ORT TO:	Le	ona N	files :	and T	im Roy	er	18	2 Business Day Rush Next Business Day Rush	
SPECIAL INSTRU	CTIONS/COMMENTS:	OUT /	SHIPMENT	METHC VIA:	D		INVO	ICE TO):	OM ABC						Ĭĕ	Same Day Rush (auth req.) Other: 10 business Days	
Preserve at the La	b per protocol	IN CLIEN	T FedEx UF	VIA: PS MAII	l coui	RIER		leona-	miles@a	em-net.c	om; tim	-royer@	Jaem-ne	.com			PROGRAM (if any):	
				THER			QUOT						PO#:			-	PACKAGE: I II III	IV
	IVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS F DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT						IARK	ED OI	V COC	AES WI	LL PR	OCEEL	AS ST	ANDARD	ТАТ.			

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



COMPANY:

ANALYTICAL ENVIRONMENTAL SERVICES, INC 3080 Presidential Drive, Atlanta GA 30340-3704

CHAIN OF CUSTODY

Work Order: U28	31
-----------------	----

Page

Date: 2

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

COMPANY:		ADDRESS:					T				-						24		
	Atlanta Environmental Management, Inc		2580 North			ay, NE	ANALYSIS REQUESTED											Visit our website	
			Atlanta, GA	30345	5		200.8							Γ				www.aesatlanta.com	
PHONE:	(404) 329-9006	FAX:	(404) 329)-205 [°]	7		Method 20											to check on the status o your results, place bottl	f
SAMPLED BY:	Taylor West	SIGNATURE		(x) (We	vt	Pb Met											orders, etc.	No # of Container
#	SAMPLE ID	SAI	MPLED	Í	e e	ŝ	Total Pb												o # of (
	SAMELEID			Grab	Composite	Matrix (See codes)	<u> </u>			T T	PRESE	RVAT	ION (S	ee code	s) T			REMARKS	7 ^
1	0290-120816-DF-022-B	DATE	TIME 0556		<u> </u>		I X	-											\downarrow
2	0290-120816-DF-023-A	12/8/2016	10000	X		DW	<u> </u>												4
3	0290-120816-DF-023-B			X		DW			-					_					
4	0290-120816-DF-024-A	12/8/2016 12/8/2016	0550	X		<u>D₩</u>													
5	0290-120816-DF-024-B		NEGI			DW	X			_			_				+		1
6	0290-120816-DF-025-A	12/8/2016	055	X		DW					+								
7	0290-120816-DF-025-B	12/8/2016	0652		 	DW		-		_	-+			_			┝╌┼		
8	0290-120816-DF-026-A	12/8/2016	0550	X		DW					_	_	_				++		\downarrow
9	0290-120816-DF-026-B	12/8/2016	0044	X		DW		<u> </u>					_				╉┈╄		
10	0290-120816-DF-027-A	12/8/2016	0545	X		DW							_				+ $+$		or of the home of
11	0290-120816-DF-027-В	12/8/2016	10040	X		DW											+		
12	0290-120816-DF-028-A	12/8/2016	0590	X		DW		L									┦──┤		
13	0290-120816-DF-028-B	12/8/2016	NEDA	X		DW							_		 				
14	0290-120816-DF-029-A	12/8/2016	0520	X		DW				_									100000000000000000000000000000000000000
15	0290-120816-DF-029-B	12/8/2016 12/8/2016	0531	X X		DW	17				_	_	_	_			╉┈┨		
RELINQUISHED		RECEIVED BY	0.00	Λ		DW DATE/TIME	V			<u> </u>									V
" Jaul	w West 7:40 12/8		~44		04	<u>つい</u> か	PROJ	ECT N	AME:				FORM	ATION	ł			RECEIPT Total # of Containers	
2: /	000000 110 140	2:		<u> </u>	12/1	114	PROJ			<u> </u>	OCSI		0.1						
~		Mug	ultua.	r '	1998 45	- 111	SITE A				15	<u>61-16</u> 29						Turnaround Time Request	
1:		3:			<u> </u>	01111		10 DI	200.			~~~~	U					 Standard 5 Business Days 2 Business Day Rush 	
DECIAL DISTRI							SEND	REPC	ORT TO); L	eona	n Mil	es an	d Tii	n Roy	'er		O Next Business Day Rush	
	UCTIONS/COMMENTS:	OUT /	SHIPMENT /	METHO VIA:	D			ICE TO FFERE		ROM A	BOVE)						Same Day Rush (auth req.) 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									FATE PROGRAM (if any):	
AMDIESDEO				HER			QUOT						PO#	ł:				ATA PACKAGE: I II III	IV
AMPLES ARE	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS R DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT	ECEIVED ON T	HE NEXT BUSI	NESS DA	AY; IF N	IO TAT IS M	[ARK]	ED OF	1 COC	AESV	WILL	PROC	EED A	S STA	NDARI	ТАТ.			
IATRIX CODES	DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT : A = Air GW = Groundwater SE = Sediment SO = Soil	SW = Surface W	KARRANGEMI	ENTS AF	RE MAD	E. (71												Page 5 of 85	
RESERVATIVE	CODES: $H+I = Hydrochloric acid + ice I = Ice only N = Nit$	3w - 3urrace W tric acid $S+I = S$	aler DW=Drink	ing Water	r W = W	ater (Blanks)	0=	= Othe	r (speci	ify)	, .							age J UI 05	
		aoia - 5-1 - 5	Samuric actu + ice	3/M+I	i – soaiur	n Bisuitate/M	ethano	1 + ice	0	= Other	(speci	fy) l	NA = N	one					



ANALYTICAL ENVIRONMENTAL SERVICES, INC 3080 Presidential Drive, Atlanta GA 30340-3704

CHAIN OF CUSTODY

Work Order: 16 788

of 🖉

Page 5

0

Date:

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

COMPANY:		ADDRESS:					Т												
	Atlanta Environmental Management, Inc		2580 North	east Ex	presswa	ay, NE				Þ	NAL	YSIS R	EQUE	STED				Visit our website	
			Atlanta, GA	30345	5		8.0											w.aesatlanta.com	
PHONE:	(404) 329-9006	FAX:	(404) 329	-205	7		Total Pb Method 200.8											heck on the status of	1 <i>i</i>
SAMPLED BY:	Taylor Nest	SIGNATURE	·			ont	b Met								£		your	results, place bottle orders, etc.	No # of Containers
			Jays	12			tal P												of Cc
#	SAMPLE ID	SA	MPLED	-	site	les)	L.												# 0 <u>N</u>
				Grab	Composite	Matrix (See codes)	<u>⊢</u>				RESER	RVATIO	IN (See	codes)			-	REMARKS	
,	0290-120816-DF-030-A	DATE	10512		Ŭ														
2	0290-120816-DF-030-B	12/8/2016	0513	X X	-	DW	X					_	_						1
3	0290-120816-TL-001-A	12/8/2016	0525			DW DW								┝──┝		+ +-			
4	0290-120816-TL-001-B	12/8/2016	0526		+	DW						_			_				
5	0290-120816-RS-001-A	12/8/2016	0521			DW		$\left - \right $											
6	0290-120816-RS-001-B	12/8/2016	0522			DW DW					_	_	-	┝─┤		+			
7	0290-120816-RS-002-A	12/8/2016	0548	X		DW					+-			-		+ $+$			
8	0290-120816-RS-002-B	12/8/2016	0549	X		DW		╞──┤			+	_							
9	0290-120816-RS-003-A	12/8/2016	0612	X		DW				+							-		-
10	0290-120816-RS-003-B	12/8/2016	0614	X		DW					+-		+						North Contract
11	0290-120816-CS-001-A	12/8/2016	0510	X		DW										+ +			
12	0290-120816-CS-001-B	12/8/2016	0511	X		DW							-			+ $-$			
13	0290-120816-IM-001-A	12/8/2016	0607	X		DW	and and and					+				+-+			
14	0290-120816-IM-002-A	12/8/2016	0506	X		DW	en stranster no												
15	0290-120816-SC-001-A	12/8/2016	0501	X		DW	V										+		
RELINQUISHED	BY DATE/TIME	RECEIVED B	Y		Ē	DATE/TIME				i PI	l ROJEC	T INF	ORMA	TION				RECEIPT	V_
auli	r alest 7:24012/8		-	n	QK	27:40	PROJI	ECT N.	AME:	n	CSD							Total # of Containers	
2: 7		2:	TA TA	AC	12/8	12014	PROJI	ECT #:				51-160	1					Tumaround Time Request	
3.		//////	wława		758	/	SITE A	ADDRI	ESS:			29(10	Standard 5 Business Days	
••		3:						•									Ó	2 Business Day Rush	
SPECIAL INSTRU	CTIONS/COMMENTS:		SHIPMENT	METUC					RT TO	: L	eona	Mile	s and	Tim .	Royer		18	Next Business Day Rush	
		OUT /	/	VIA:	U.			ICE TC FFERE		OM AE	SOVE)							Same Day Rush (auth req.) Other: 10 business Days	
Preserve at the La	b per protocol	IN /	-	VIA:				leona-r	niles@a	aem-ne	t.com;	tim-roye	r@aem	-net.com			STATE P	ROGRAM (if any):	
		CLIENT Fedex UPS MAIL COURIER GREYHOUND OTHER											E-mail? Y/N; Fax? Y/N						
SAMPLES RECE	IVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RI				AV. IF N		QUOT		000	A DO T			PO#:				DATA I	PACKAGE: I II III	IV
SAMPLES ARE D	USPOSED OF 30 DAYS AFTER COMPLETION OF REPORT U	NLESS OTHE	R ARRANGEM	ENTS A	RE MADI	U IAT 18 N E.	AKK	ED UN	COC	AES V	ILL P	ROCE	ED AS	STAND	ARD TA	Т.			
MATRIX CODES:							0=	= Other	(specif	fy)								Page 6 of 85	

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



COMPANY:

ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

Work Order:	161288

0 of

Page (

Date:

10

3080 Presidential Drive, Atlanta GA 30340-3704 TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

COMPANY:		ADDRESS:																			
	Atlanta Environmental Management, Inc		2580 North	east Ex	pressw	ay, NE	ANALYSIS REQUESTED												Visit our website		
			Atlanta, GA	30345	5		200.8												www.aesatlanta.com		
PHONE:	(404) 329-9006	FAX:	(404) 329) -205′	7		thod 20												to check on the status of your results, place bottle	f	
SAMPLED BY: -	Taylor West	SIGNATURE	Jayl	w	U	lust	Total Pb Method												orders, etc.	No # of Containers	
#	SAMPLE ID	SA	MPLED		site	les)	Tota				DDEC									No # of	
		DATE	TIME	Grab	Composite	Matrix (See codes)	I	Т			FRES	ERVA		See co	des)				REMARKS		
I	0290-120816-OT-001-A	12/8/2016	0605	x		DW	İx				_		_		+	_					
2	0290-120816-OT-001-B	12/8/2016	0606	X		DW			+											4	
3	0290-120816-SC-001-A	12/8/2016	<u></u>	-X-		DW						_	-	-+						12	
4						D ++			+					_			+			+	
5							1							-							
6		-									-	-				+-			······································	+	
7								+	-								+ +				
8								-						_	_	_	┥┥			<u> </u>	
9								+	┝──┤				_				+			<u> </u>	
10															_	_				<u> </u>	
11											_					_				<u> </u>	
12													_			_				<u> </u>	
13										-+					_		$\left \right $			<u> </u>	
14													_			-	$\left \right $			<u> </u>	
15								 		_										<u> </u>	
RELINQUISHED	BY DATE/TIME	RECEIVED BY	7			DATE/TIME	<u> </u>												······································		
Jayle	2 West 12/8 7.40	l:		A. I	24	T.WD	PROJ	ECT N	IAME:		DCS	<u>ест и</u> D	NFOR	MATI	<u> </u>				RECEIPT Total # of Containers		
: <i>0</i>		2: Alexan	Run	_ /	2/8		PROJ	ECT #	:				601						Turnaround Time Request	L	
:		3:	nduar		<u> </u>	8 AM	SITE .	ADDR	ESS:				90						O Standard 5 Business Days 2 Business Day Rush		
							SEND	REPO	ORT T	0: J	Leon	a Mi	les a	nd T	'im R	oyer			O Next Business Day Rush		
PECIAL INSTRU	CTIONS/COMMENTS:	OUT /	SHIPMENT	METHO VIA:	D		INVOICE TO: (IF DIFFERENT FROM ABOVE)									Same Day Rush (auth req.))				
reserve at the La	h per protocol		T FedEx UPS	VIA:	COUL	RIER						ı; tim-r	oyer@	aem-ne	t.com				Other: 10 business Days STATE PROGRAM (if any):		
		GRE	QUOTE #: PO#:										E-mail? Y / N; Fax? Y / N DATA PACKAGE: I II III IV								
AMPLES RECE	IVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS R	ECEIVED ON T	HE NEXT BUSI	NESS D	AY; IF N	NO TAT IS N			N COC	AES	WILI	PRO	CEED	AS ST	ANDA	RD TA	- Т,	0/	MATACKAUE, I II III	19	
AMITLES ARE D	ISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT 1	INLESS OTHE	R ARRANGEMI	ENTS AF	RE MAD	E.							_					_		ļ	
ATRIX CODES:	A = Air $GW = Groundwater$ $SE = Sediment$ $SO = Soil$	SW = Surface W	ater DW=Drink	ing Wate	r W = V	Vater (Blanks) 0:	= Othe	r (spec	ify)									Page 7 of 85		

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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-002-A	
Project Name:	DCSD - 0290					Collection	Date:	12/8/2016	6 5:13:00 AM	
Lab ID:	1612881-001					Matrix:		Drinking	Water	
Analyza			Result	Reporting	Oual	Units	BatchID	Dilution	Data Analyzad	Analyst
Analyses			Result	Limit	Quai	Units	DatemD	Factor	Date Analyzed	Analyst
Trace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235342	2 1	12/22/2016 13:47	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	0816-DF-002-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:14:00 AM	
Lab ID:	1612881-002					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DattinD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235342	2 1	12/22/2016 14:11	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental S	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Environ	mental Mgmt				Client Sa	mple ID:	0290-120	816-DF-003-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2016	5:29:00 AM	
Lab ID:	1612881-003					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
				Limit	~			Factor		j~
Frace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			5.96	1.00		ug/L	235342	2 1	12/22/2016 14:14	JR

* 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 10 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-003-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:30:00 AM	
Lab ID:	1612881-004					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			7.22	1.00		ug/L	235342	2 1	12/22/2016 14:18	JR

* Value exceeds maximum contaminant level

BRL Below reporting limit

- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Page 11 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviror	mental Mgmt				Client Sa	mple ID:	0290-120	816-DF-004-A	
Project Name:	DCSD - 0290					Collectior	n Date:	12/8/2016	5:31:00 AM	
Lab ID:	1612881-005					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
111119 000			Ittourt	Limit	Z	0 1110	Duvenit	Factor	2	
Frace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			7.66	1.00		ug/L	235342	1	12/22/2016 14:21	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-004-B	
Project Name:	DCSD - 0290					Collection	1 Date:	12/8/2010	6 5:32:00 AM	
Lab ID:	1612881-006					Matrix:		Drinking	Water	
Analyzaa			Result	Reporting	Oual	Units	BatchID	Dilution	Data Analyzad	Analyst
Analyses			Kesult	Limit	Quai	Units	Batchild	Factor	Date Analyzed	Analyst
Trace Elements	s by ICP/MS	E200.8				(Ež	200.2)			
Lead			5.82	1.00		ug/L	235342	2 1	12/22/2016 14:25	JR

* Value exceeds maximum contaminant level

BRL Below reporting limit

- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Page 13 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-005-A	
Project Name:	DCSD - 0290					Collection	1 Date:	12/8/2010	6 5:36:00 AM	
Lab ID:	1612881-007					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesult	Limit	Quai	Units	Batchild	Factor	Date Analyzeu	Analyst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235342	2 1	12/22/2016 14:28	JR

* 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 14 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-005-B	
Project Name:	DCSD - 0290					Collection	1 Date:	12/8/2010	6 5:38:00 AM	
Lab ID:	1612881-008					Matrix:		Drinking	Water	
Analyzaa			Result	Reporting	Oual	Units	BatchID	Dilution	Data Analyzad	Analyst
Analyses			Kesult	Limit	Quai	Units	Batchild	Factor	Date Analyzed	Analyst
Trace Elements	s by ICP/MS	E200.8				(Ež	200.2)			
Lead			BRL	1.00		ug/L	235342	2 1	12/22/2016 14:32	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-005-C	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:37:00 AM	
Lab ID:	1612881-009					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anarysi
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235342	2 1	12/22/2016 14:42	JR

* 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 16 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-006-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:39:00 AM	
Lab ID:	1612881-010					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235342	2 1	12/22/2016 14:46	JR

* 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 17 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-006-B	
Project Name:	DCSD - 0290					Collectior	n Date:	12/8/2010	5 5:40:00 AM	
Lab ID:	1612881-011					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Result	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235342	2 1	12/22/2016 14:04	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-007-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:56:00 AM	
Lab ID:	1612881-012					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E 2	200.2)			
Lead			BRL	1.00		ug/L	235342	2 1	12/22/2016 14:49	JR

* 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 19 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-007-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:57:00 AM	
Lab ID:	1612881-013					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anarysi
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235342	2 1	12/22/2016 14:53	JR

* 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 20 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-008-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:58:00 AM	
Lab ID:	1612881-014					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235342	2 1	12/22/2016 14:56	JR

* 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 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	0816-DF-008-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:59:00 AM	
Lab ID:	1612881-015					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235342	2 1	12/22/2016 15:00	JR

* 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 22 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-009-A	
Project Name:	DCSD - 0290					Collectior	n Date:	12/8/2016	5 5:43:00 AM	
Lab ID:	1612881-016					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235342	2 1	12/22/2016 15:03	JR

* 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 23 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-009-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:44:00 AM	
Lab ID:	1612881-017					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DattinD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235342	2 1	12/22/2016 15:28	JR

* 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 24 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-010-A	
Project Name:	DCSD - 0290					Collectior	n Date:	12/8/2010	5 5:58:00 AM	
Lab ID:	1612881-018					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DattinD	Factor	Date Analyzeu	Anaryst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235342	2 1	12/22/2016 15:31	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-010-B	
Project Name:	DCSD - 0290					Collectior	n Date:	12/8/2010	6 5:59:00 AM	
Lab ID:	1612881-019					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235342	2 1	12/22/2016 15:35	JR

* 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 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-011-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:06:00 AM	
Lab ID:	1612881-020					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Result	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235342	2 1	12/22/2016 15:38	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-011-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:07:00 AM	
Lab ID:	1612881-021					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analyst
Frace Element	s by ICP/MS	E200.8				(E 2	200.2)			
Lead			BRL	1.00		ug/L	235343	3 1	12/23/2016 05:06	JR

* 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 28 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-012-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:08:00 AM	
Lab ID:	1612881-022					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DattinD	Factor	Date Analyzeu	Anaryst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235343	3 1	12/23/2016 05:51	JR

* 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 29 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-012-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:09:00 AM	
Lab ID:	1612881-023					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235343	3 1	12/23/2016 05:58	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-013-A	
Project Name:	DCSD - 0290					Collectior	Date:	12/8/2016	5:17:00 AM	
Lab ID:	1612881-024					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
				Limit	••••			Factor	···· J	J
Frace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			5.77	1.00		ug/L	235343	1	12/23/2016 06:04	JR

* 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 31 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-013-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:18:00 AM	
Lab ID:	1612881-025					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Result	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anarysi
Frace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			3.92	1.00		ug/L	235343	3 1	12/23/2016 06:10	JR

* Value exceeds maximum contaminant level

BRL Below reporting limit

- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Page 32 of 85

Analytical En	vironmental S	Services, Inc						Date:	28-Dec-16		
Client:	Atlanta Environ	mental Mgmt				Client Sa	mple ID:	0290-120	816-DF-014-A		
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	12/8/2016 5:42:00 AM		
Lab ID:	1612881-026					Matrix:	Drinking				
Analyses	A		Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst	
Analyses			Kesuit	Limit	Quai	Units	DattinD	Factor	Date Analyzeu	Anaryst	
Trace Elements	s by ICP/MS	E200.8				(Ež	200.2)				
Lead			6.08	1.00		ug/L	235343	5 1	12/23/2016 06:17	JR	

* 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 33 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16			
Client: Atlanta Environmental Mgmt						Client Sample ID: 0290-120816-DF-014-B						
Project Name:	DCSD - 0290					Collection	6 5:43:00 AM					
Lab ID:	1612881-027			Matrix:					Drinking Water			
Analyses			Result	Reporting	Oual	l Units BatchID	Dilution	Date Analyzed				
Analyses			Kesun	Limit	Quai	Units	DattinD	Factor	Date Analyzeu	Anaryst		
Frace Element	s by ICP/MS	E200.8		(E200.2)								
Lead			18.9	1.00		ug/L	235343	3 1	12/23/2016 06:23	JR		

* 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 34 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:				Client Sa	mple ID:	0290-120	0290-120816-DF-014-C			
Project Name:	DCSD - 0290				Collection	6 5:44:00 AM				
Lab ID:	1612881-028					Drinking				
Analyses	A		Result	Reporting	Oual	Units	s BatchID	Dilution	Date Analyzed	Analys
Analyses			Kesun	Limit	Quai	Units	DattinD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8		(E200.2)						
Lead			19.5	1.00		ug/L	235343	3 1	12/23/2016 06:29	JR

* 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 35 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16			
Client: Atlanta Environmental Mgmt						Client Sample ID: 0290-120816-DF-015-A						
Project Name:	DCSD - 0290					Collection	6 5:40:00 AM					
Lab ID:	1612881-029			Matrix:					Drinking Water			
Analyses	A		Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst		
Analyses			Kesun	Limit	Quai	Units	DattinD	Factor	Date Analyzeu	Anaryst		
Trace Elements	s by ICP/MS	E200.8		(E200.2)								
Lead			4.21	1.00		ug/L	235343	3 1	12/23/2016 06:36	JR		

* Value exceeds maximum contaminant level

BRL Below reporting limit

- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Page 36 of 85

Analytical En	vironmental S	ervices, Inc						Date:	28-Dec-16	
Client:	Atlanta Environi	mental Mgmt				Client Sa	mple ID:	0290-120	816-DF-015-B	
Project Name:	DCSD - 0290					Collection	12/8/2010	2/8/2016 5:41:00 AM		
Lab ID:	1612881-030					Drinking				
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DattinD	Factor	Date Analyzeu	Anaryst
Frace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			14.2	1.00		ug/L	235343	3 1	12/23/2016 06:55	JR

* Value exceeds maximum contaminant level

BRL Below reporting limit

- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Page 37 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16		
Client:			Client Sample ID: 0290-120816-DF-016-A								
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2016	12/8/2016 5:34:00 AM		
Lab ID:	1612881-031					Drinking					
Analyses	Anglyses		Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst	
				Limit	、 ···			Factor			
Trace Elements	s by ICP/MS	E200.8		(E200.2)							
Lead			12.7	1.00		ug/L	235343	3 1	12/23/2016 05:38	JR	

* 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 38 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-016-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:35:00 AM	
Lab ID:	1612881-032					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Result	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analyst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			59.1	1.00		ug/L	235343	3 1	12/23/2016 07:01	JR

* 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 39 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-017-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:32:00 AM	
Lab ID:	1612881-033					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor		Anarysi
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			2.40	1.00		ug/L	235343	3 1	12/23/2016 07:08	JR

* 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 40 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-017-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:33:00 AM	
Lab ID:	1612881-034					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analyst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			54.9	1.00		ug/L	235343	3 1	12/23/2016 07:14	JR

* 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 41 of 85

Analytical En	vironmental So	ervices, Inc						Date:	28-Dec-16	
Client:	Atlanta Environm	nental Mgmt				Client Sa	mple ID:	0290-120	816-DF-018-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2016	5:25:00 AM	
Lab ID:	1612881-035					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
				Limit	~			Factor		j~
Frace Elements	s by ICP/MS	E 200.8				(E2	200.2)			
Lead			1.62	1.00		ug/L	235343	3 1	12/23/2016 07:20	JR

* 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 42 of 85

Analytical En	vironmental S	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Environ	mental Mgmt				Client Sa	mple ID:	0290-120	816-DF-018-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:26:00 AM	
Lab ID:	1612881-036					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Onits	DatemD	Factor	Date Analyzeu	Analyst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			2.14	1.00		ug/L	235343	5 1	12/23/2016 07:27	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-019-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:23:00 AM	
Lab ID:	1612881-037					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Result	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235343	3 1	12/23/2016 07:33	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviror	mental Mgmt				Client Sa	mple ID:	0290-120	816-DF-019-B	
Project Name:	DCSD - 0290					Collection	Date:	12/8/2016	5:24:00 AM	
Lab ID:	1612881-038					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Result	Limit	Quai	Units	Datenin	Factor	Date Analyzeu	Analyst
Frace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			2.68	1.00		ug/L	235343	1	12/23/2016 07:39	JR

* 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 45 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-020-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:36:00 AM	
Lab ID:	1612881-039					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E 2	200.2)			
Lead			BRL	1.00		ug/L	235343	3 1	12/23/2016 07:46	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-020-В	
Project Name:	DCSD - 0290					Collectior	n Date:	12/8/2010	6 5:37:00 AM	
Lab ID:	1612881-040					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analysi
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235343	3 1	12/23/2016 07:52	JR

* 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 47 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-021-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	5 5:38:00 AM	
Lab ID:	1612881-041					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Result	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analyst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235344	4 1	12/23/2016 08:24	JR

* 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 48 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-021-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:39:00 AM	
Lab ID:	1612881-042					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235344	4 1	12/23/2016 08:56	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-022-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:55:00 AM	
Lab ID:	1612881-043					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235344	4 1	12/23/2016 09:02	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-022-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:56:00 AM	
Lab ID:	1612881-044					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235344	4 1	12/23/2016 09:09	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-024-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:50:00 AM	
Lab ID:	1612881-045					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Result	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235344	4 1	12/23/2016 09:28	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-024-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:51:00 AM	
Lab ID:	1612881-046					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235344	4 1	12/23/2016 09:34	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-025-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	5 5:52:00 AM	
Lab ID:	1612881-047					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DattinD	Factor	Date Analyzeu	Analyst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235344	↓ 1	12/23/2016 09:41	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-025-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:53:00 AM	
Lab ID:	1612881-048					Matrix:		Drinking	Water	
Amalwaaa			Result	Reporting	Oual	Units	BatchID	Dilution	Data Analyzad	Analyst
Analyses			Kesult	Limit	Quai	Units	DatemD	Factor	Date Analyzed	Analyst
Frace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235344	↓ 1	12/23/2016 09:48	JR

* Value exceeds maximum contaminant level

BRL Below reporting limit

- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Page 55 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-026-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:44:00 AM	
Lab ID:	1612881-049					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235344	I	12/23/2016 09:54	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-026-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:45:00 AM	
Lab ID:	1612881-050					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analysi
Frace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235344	I	12/23/2016 10:00	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-027-A	
Project Name:	DCSD - 0290					Collection	1 Date:	12/8/2010	6 5:46:00 AM	
Lab ID:	1612881-051					Matrix:		Drinking	Water	
Analyzaa			Result	Reporting	Oual	Units	BatchID	Dilution	Data Analyzad	Analyst
Analyses			Kesult	Limit	Quai	Units	Batchild	Factor	Date Analyzed	Analyst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235344	4 1	12/23/2016 08:43	JR

* 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 58 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-027-B	
Project Name:	DCSD - 0290					Collection	1 Date:	12/8/2010	6 5:47:00 AM	
Lab ID:	1612881-052					Matrix:		Drinking	Water	
Amalwaaa			Result	Reporting	Oual	Units	BatchID	Dilution	Data Analyzad	Analyst
Analyses			Kesult	Limit	Quai	Units	Batchild	Factor	Date Analyzed	Analyst
Frace Elements	s by ICP/MS	E200.8				(Ež	200.2)			
Lead			BRL	1.00		ug/L	235344	4 1	12/23/2016 10:07	JR

* 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 59 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-028-A	
Project Name:	DCSD - 0290					Collectior	n Date:	12/8/2016	5 5:28:00 AM	
Lab ID:	1612881-053					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Result	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235344	+ 1	12/23/2016 10:13	JR

* 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 60 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-028-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	5 5:29:00 AM	
Lab ID:	1612881-054					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235344	4 1	12/23/2016 10:19	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-029-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:30:00 AM	
Lab ID:	1612881-055					Matrix:		Drinking	Water	
Analyzaa			Result	Reporting	Oual	Units	BatchID	Dilution	Data Analyzad	Analyst
Analyses			Kesult	Limit	Quai	Units	BatchiD	Factor	Date Analyzed	Analyst
Frace Element	s by ICP/MS	E200.8				(Ež	200.2)			
Lead			BRL	1.00		ug/L	235344	↓ 1	12/23/2016 10:26	JR

* 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 62 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-029-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:31:00 AM	
Lab ID:	1612881-056					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235344	4 1	12/23/2016 12:27	JR

* 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 63 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-030-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:12:00 AM	
Lab ID:	1612881-057					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anarysi
Frace Element	s by ICP/MS	E200.8				(E 2	200.2)			
Lead			BRL	1.00		ug/L	235344	4 1	12/27/2016 17:39	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-DF-030-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2016	6 5:13:00 AM	
Lab ID:	1612881-058					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Result	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235344	i 1	12/23/2016 12:39	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	0290-120	816-TL-001-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:25:00 AM	
Lab ID:	1612881-059					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesun	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(Ež	200.2)			
Lead			1.05	1.00		ug/L	235344	4 1	12/23/2016 13:25	JR

* Value exceeds maximum contaminant level

BRL Below reporting limit

- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Page 66 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-TL-001-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:26:00 AM	
Lab ID:	1612881-060					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Result	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235344	4 1	12/23/2016 13:31	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	0290-120	816-RS-001-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:21:00 AM	
Lab ID:	1612881-061					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Onits	DatemD	Factor	Date Analyzeu	Analyst
Frace Elements	s by ICP/MS	E200.8				(Ež	200.2)			
Lead			1.58	1.00		ug/L	235345	5 1	12/24/2016 02:16	JS

* 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 68 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	0290-120	816-RS-001-B	
Project Name:	DCSD - 0290					Collection	Date:	12/8/2016	5 5:22:00 AM	
Lab ID:	1612881-062					Matrix:		Drinking	Water	
Analysas			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Result	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analyst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235345	5 1	12/24/2016 02:22	JS

* 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 69 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-RS-002-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/201	6 5:48:00 AM	
Lab ID:	1612881-063					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
T mary ses			ixesuit	Limit	Quai	Omts	DateniD	Factor	Date / maryzeu	
Trace Elements	s by ICP/MS	E200.8				(Ež	200.2)			
Lead			5.63	1.00		ug/L	235345	5 1	12/24/2016 02:29	JS

* 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 70 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-RS-002-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2016	5 5:49:00 AM	
Lab ID:	1612881-064					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Result	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			1.22	1.00		ug/L	235345	1	12/24/2016 02:48	JS

* Value exceeds maximum contaminant level

BRL Below reporting limit

- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Page 71 of 85

Analytical En	vironmental S	ervices, Inc						Date:	28-Dec-16	
Client:	Atlanta Environr	nental Mgmt				Client Sa	mple ID:	0290-120	816-RS-003-A	
Project Name:	DCSD - 0290					Collectior	n Date:	12/8/2010	6 6:13:00 AM	
Lab ID:	1612881-065					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DattinD	Factor	Date Analyzeu	Analyst
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			1.64	1.00		ug/L	235345	5 1	12/24/2016 02:54	JS

* 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 72 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	0290-120	816-RS-003-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 6:14:00 AM	
Lab ID:	1612881-066					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DattinD	Factor	Date Analyzeu	Anaryst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235345	5 1	12/24/2016 03:01	JS

* 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 73 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-CS-001-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:10:00 AM	
Lab ID:	1612881-067					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Result	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analyst
Frace Element	s by ICP/MS	E200.8				(Ež	200.2)			
Lead			8.01	1.00		ug/L	235345	5 1	12/24/2016 03:07	JS

* 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 74 of 85

Analytical En	vironmental S	ervices, Inc						Date:	28-Dec-16	
Client:	Atlanta Environi	nental Mgmt				Client Sa	mple ID:	0290-120	816-CS-001-B	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:11:00 AM	
Lab ID:	1612881-068					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Anaryses			Kesute	Limit	Quai	Omts	DatemD	Factor	Date Analyzeu	
Trace Elements	s by ICP/MS	E200.8				(Ež	200.2)			
Lead			1.41	1.00		ug/L	235345	5 1	12/24/2016 03:13	JS

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-IM-001-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 6:07:00 AM	
Lab ID:	1612881-069					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DattinD	Factor	Date Analyzeu	Analyst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235345	5 1	12/24/2016 01:57	JS

* 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 76 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	0290-120	816-IM-002-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:06:00 AM	
Lab ID:	1612881-070					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DattinD	Factor	Date Analyzeu	Analyst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235345	5 1	12/24/2016 03:20	JS

* 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 77 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-120	816-SC-001-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 5:01:00 AM	
Lab ID:	1612881-071					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Kesuit	Limit	Quai	Units	DattinD	Factor	Date Analyzeu	Analysi
Frace Element	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	235345	5 1	12/24/2016 03:26	JS

* 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 78 of 85

Analytical En	vironmental	Services, Inc						Date:	28-Dec-16	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	0290-120	816-OT-001-A	
Project Name:	DCSD - 0290					Collection	n Date:	12/8/2010	6 6:05:00 AM	
Lab ID:	1612881-072					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Anaryses			Kesuit	Limit	Quai	Omts	DatemD	Factor	Date Analyzeu	
Trace Elements	s by ICP/MS	E200.8				(Ež	200.2)			
Lead			BRL	1.00		ug/L	235345	5 1	12/24/2016 03:32	JS

* Value exceeds maximum contaminant level

BRL Below reporting limit

- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Page 79 of 85

Analytical En	vironmental Se	rvices, Inc						Date:	28-Dec-16	
Client:	Atlanta Environm	ental Mgmt				Client Sa	mple ID:	0290-120	816-OT-001-B	
Project Name:	DCSD - 0290					Collectior	n Date:	12/8/2016	6 6:06:00 AM	
Lab ID:	1612881-073					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Anaryses			Kesutt	Limit	Quai	Omts	DatemD	Factor	Date Analyzeu	
Trace Elements	s by ICP/MS E	200.8				(E2	200.2)			
Lead			3.11	1.00		ug/L	235345	5 1	12/24/2016 03:39	JS

* 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 80 of 85

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client TTC M Work Order Number 10 (2001
Checklist completed by AMAQUELLE H8/16 Signature Date
Carrier name: FedEx UPS Courier Client US Mail Other
Shipping container/cooler in good condition? Yes V No Not Present
Custody seals intact on shipping container/cooler? Yes No Not Present
Custody seals intact on sample bottles? Yes No Not Present
Container/Temp Blank temperature in compliance? (0°≤6°C)* Yes No
Cooler #1 $1 (2 \text{ Cooler #2})$ Cooler #3 $3 \cdot 3$ Cooler #4 Cooler #5 Cooler #6
Chain of custody present? Yes <u>No</u>
Chain of custody signed when relinquished and received? Yes Ves
Chain of custody agrees with sample labels? Yes No
Samples in proper container/bottle? Yes No
Sample containers intact? Yes No
Sufficient sample volume for indicated test? Yes V No
All samples received within holding time? Yes Ves Vo
Was TAT marked on the COC? Yes No
Proceed with Standard TAT as per project history? Yes No Not Applicable
Water - VOA vials have zero headspace? No VOA vials submitted Yes No
Water - pH acceptable upon receipt? Yes No Not Applicable
Adjusted?Checked byC
Sample Condition: Good V Other(Explain)
(For diffusive samples or AIHA lead) Is a known blank included? Yes No

See Case Narrative for resolution of the Non-Conformance.

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

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

Client:Atlanta Environmental MgmtProject Name:DCSD - 0290Workorder:1612881

ANALYTICAL QC SUMMARY REPORT

Date:

28-Dec-16

BatchID: 235342

Sample ID: MB-235342 SampleType: MBLK	Client ID: TestCode:	Trace Elements by ICP/N	1S E200.8		Uni Bate	ts: ug/L chID: 235342		Date: 12 ysis Date: 12		Run No: 332856 Seq No: 725194	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Va	al %RPD	RPD Limit	Qual
Lead	BRL	1.00									
Sample ID: LCS-235342 SampleType: LCS	Client ID: TestCode:	Trace Elements by ICP/N	1S E200.8		Uni Bate	ts: ug/L chID: 235342		Date: 12 ysis Date: 12		Run No: 332856 Seq No: 725194	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Va	al %RPD	RPD Limit	Qual
Lead	99.76	1.00	100.0		99.8	85	115				
Sample ID: 1612881-001AMS SampleType: MS		0290-120816-DF-002 Trace Elements by ICP/N			Uni Bate	ts: ug/L chID: 235342		Date: 12 ysis Date: 12		Run No: 332856 Seq No: 725195	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Va	al %RPD	RPD Limit	Qual
Lead	100.2	1.00	100.0	0.5699	99.6	70	130				
Sample ID: 1612881-011AMS SampleType: MS		0290-120816-DF-006 Trace Elements by ICP/M			Uni Bate	ts: ug/L chID: 235342	1	Date: 12 ysis Date: 12		Run No: 332856 Seq No: 725195	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Va	al %RPD	RPD Limit	Qual
Lead	93.02	1.00	100.0	0.2826	92.7	70	130				
Sample ID: 1612881-001AMSD SampleType: MSD		0290-120816-DF-002 Trace Elements by ICP/M			Uni Bate	ts: ug/L chID: 235342		Date: 12 ysis Date: 12		Run No: 332856 Seq No: 725195	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Va	al %RPD	RPD Limit	Qual
Lead	101.1	1.00	100.0	0.5699	101	70	130	100.2	0.871	20	

B Analyte detected in the associated method blank Qualifiers: > Greater than Result value < Less than Result value BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix Page 82 of 85 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Date: 28-Dec-16

Client:Atlanta Environmental MgmtProject Name:DCSD - 0290Workorder:1612881

ANALYTICAL QC SUMMARY REPORT

BatchID: 235343

Sample ID: MB-235343 SampleType: MBLK	Client ID: TestCode:	Trace Elements by ICP/N	1S E200.8		Uni Bat	ts: ug/L chID: 235343		Date: 12/2 lysis Date: 12/2	22/2016 23/2016	Run No: 3 Seq No: 7	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD I	imit Qual
Lead	BRL	1.00									
Sample ID: LCS-235343 SampleType: LCS	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bat	ts: ug/L chID: 235343		Date: 12/2 lysis Date: 12/2	22/2016 23/2016	Run No: 3 Seq No: 7	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD I	Limit Qual
Lead	101.6	1.00	100.0		102	85	115				
Sample ID: 1612881-021AMS SampleType: MS		0290-120816-DF-011 Trace Elements by ICP/M			Uni Bat	ts: ug/L chID: 235343		Date: 12/2 lysis Date: 12/2	22/2016 23/2016	Run No: 3 Seq No: 7	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD I	Limit Qual
Lead	98.32	1.00	100.0	0.7598	97.6	70	130				
Sample ID: 1612881-031AMS SampleType: MS		0290-120816-DF-010 Trace Elements by ICP/N			Uni Bat	ts: ug/L chID: 235343		Date: 12/2 lysis Date: 12/2	22/2016 23/2016	Run No: 3 Seq No: 7	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD I	limit Qual
Lead	106.5	1.00	100.0	12.73	93.7	70	130				
Sample ID: 1612881-021AMSD SampleType: MSD		0290-120816-DF-011 Trace Elements by ICP/M			Uni Bat	ts: ug/L chID: 235343		Date: 12/2 lysis Date: 12/2	22/2016 23/2016	Run No: 3 Seq No: 7	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD I	limit Qual
Lead	103.3	1.00	100.0	0.7598	103	70	130	98.32	4.98	20	I

Qualifiers:	>	Greater than Result value	<	Less than Result value	В	Analyte detected in the associated method	d blank
	BRL	Below reporting limit	Е	Estimated (value above quantitation range)	Н	Holding times for preparation or analysis	exceeded
	J	Estimated value detected below Reporting Limit	Ν	Analyte not NELAC certified	R	RPD outside limits due to matrix	Page 83 of 85
	Rpt Li	m Reporting Limit	S	Spike Recovery outside limits due to matrix			1 age 00 01 00

Date: 28-Dec-16

Client:Atlanta Environmental MgmtProject Name:DCSD - 0290Workorder:1612881

ANALYTICAL QC SUMMARY REPORT

BatchID: 235344

Sample ID: MB-235344 SampleType: MBLK	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bat	its: ug/L chID: 235344		Date: 12/2 Ilysis Date: 12/2	2/2016 3/2016	Run No: 3 Seq No: 7	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD I	imit Qual
Lead	BRL	1.00									
Sample ID: LCS-235344 SampleType: LCS	Client ID: TestCode:	Trace Elements by ICP/M	1S E200.8		Uni Bat	its: ug/L chID: 235344		Date: 12/2 Ilysis Date: 12/2	2/2016 3/2016	Run No: 3 Seq No: 7	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD I	imit Qual
Lead	99.00	1.00	100.0		99.0	85	115				
Sample ID: 1612881-041AMS SampleType: MS		0290-120816-DF-02 Trace Elements by ICP/M			Uni Bat	its: ug/L chID: 235344		Date: 12/2 Ilysis Date: 12/2	2/2016 3/2016	Run No: 3 Seq No: 7	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD I	imit Qual
Lead	90.35	1.00	100.0	0.2295	90.1	70	130				
Sample ID: 1612881-051AMS SampleType: MS		0290-120816-DF-027 Trace Elements by ICP/N			Uni Bat	its: ug/L chID: 235344		Date: 12/2 Alysis Date: 12/2	2/2016 3/2016	Run No: 3 Seq No: 7	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD I	imit Qual
Lead	99.45	1.00	100.0	0.1187	99.3	70	130				
Sample ID: 1612881-041AMSD SampleType: MSD		0290-120816-DF-021 Trace Elements by ICP/M			Uni Bat	ts: ug/L chID: 235344		Date: 12/2 Ilysis Date: 12/2	2/2016 3/2016	Run No: 3 Seq No: 7	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD I	imit Qual
Lead	94.68	1.00	100.0	0.2295	94.5	70	130	90.35	4.68	20	

B Analyte detected in the associated method blank Qualifiers: > Greater than Result value < Less than Result value BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix Page 84 of 85 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Date: 28-Dec-16

Client:Atlanta Environmental MgmtProject Name:DCSD - 0290Workorder:1612881

ANALYTICAL QC SUMMARY REPORT

BatchID: 235345

Sample ID: MB-235345 SampleType: MBLK	Client ID: TestCode:	Trace Elements by ICP/N	AS E200.8		Uni Bat	ts: ug/L chID: 235345		Date: 12/2 lysis Date: 12/2	2/2016 4/2016	Run No:33Seq No:72	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD L	imit Qual
Lead	BRL	1.00									
Sample ID: LCS-235345 SampleType: LCS	Client ID: TestCode:	Trace Elements by ICP/M	AS E200.8		Uni Bat	ts: ug/L chID: 235345		Date: 12/2 lysis Date: 12/2	2/2016 4/2016	Run No: 3. Seq No: 72	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD L	imit Qual
Lead	102.9	1.00	100.0		103	85	115				
Sample ID: 1612731-081AMS SampleType: MS	Client ID: TestCode:	Trace Elements by ICP/M	AS E200.8		Uni Bat	ts: ug/L chID: 235345		Date: 12/2 lysis Date: 12/2	2/2016 4/2016	Run No: 3. Seq No: 72	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD L	imit Qual
Lead	106.5	1.00	100.0	0.5657	106	70	130				
Sample ID: 1612881-069AMS SampleType: MS		0290-120816-IM-001 Trace Elements by ICP/N			Uni Bat	ts: ug/L chID: 235345		Date: 12/2 Ilysis Date: 12/2	2/2016 4/2016	Run No:3.Seq No:7.	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD L	imit Qual
Lead	100.5	1.00	100.0	0.2300	100	70	130				
Sample ID: 1612731-081AMSD SampleType: MSD	Client ID: TestCode:	Trace Elements by ICP/N	AS E200.8		Uni Bat	ts: ug/L chID: 235345		Date: 12/2 Ilysis Date: 12/2	2/2016 4/2016	Run No: 3. Seq No: 72	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD L	imit Qual
Lead	99.30	1.00	100.0	0.5657	98.7	70	130	106.5	6.98	20	

Qualifiers:	>	Greater than Result value	<	Less than Result value	В	Analyte detected in the associated method	d blank
	BRL	Below reporting limit	Е	Estimated (value above quantitation range)	Н	Holding times for preparation or analysis	exceeded
	J	Estimated value detected below Reporting Limit	Ν	Analyte not NELAC certified	R	RPD outside limits due to matrix	Page 85 of 85
	Rpt Lim Reporting Limit		s	Spike Recovery outside limits due to matrix			1 age 00 01 00

Leona Miles

From:	NoReply@aesatlanta.net
Sent:	Wednesday, May 10, 2017 9:53 AM
То:	leona-miles@aem-net.com; tim-royer@aem-net.com
Subject:	DCSD - 0290
Attachments:	1704L26_REPORT.pdf; 1704L26Invoice.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.



May 10, 2017

Leona Miles Atlanta Environmental Mgmt 2580 NE Expressway Atlanta GA 30345

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

RE: DCSD - 0290

Dear Leona Miles:

Order No: 1704L26

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

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

AES's accreditations are as follows:

-NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17. State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective 07/01/16-06/30/17 and Total Coliforms and E. coli, effective 04/25/17-04/24/20.

-NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and

IDana) Pacurar

Ioana Pacurar Project Manager



ANALYTICAL ENVIRONMENTAL SERVICES, INC

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

3080 Presidential Drive, Atlanta GA 30340-3704

CHAIN OF CUSTODY

Work Order: <u>کالال</u>

Date: <u>4126117</u> Page _____ of ____

COMPANY:	Atlanta Environmental Management, Inc	ADDRESS: 2580 Northeast Expressway, NE							A۱	IALYS	IS RE	QUES	TED			Visit our website		
			Atlanta, GA	30345			00.8										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 bottl	
SAMPLED BY:	Andy Jeusen	SIGNATURE:	Alese	and the second			d Pb M										orders, etc.	# of Containers
		SAN	MPLED		e	es)	Toti											, # oN
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	I			PR	ESERV	ATION	(See c	odes)			REMARKS	
I	0290-042617-DF-001-A	4/26/17	0540	X	Ŭ.	DW	Х											(
2	0290-042617-DF-001-B	4/26/17	CSYI	X		DW	Χ											1
3	0290-042617-DF-014-A	4126117	0528	\times		DW	X											
4	0290-042617-DF-014-B	4/26/17	0529	\times		DW	X											(
5	0290-042617-DF-016-A	4/26/17	0532	\times		DW	Х											ť
6	0290-042617-DF-016-B	4/26/17	0533	$\left X \right $		PW	\mathbf{X}											ţ.
7	0290-042617-DF-017-A	u/26/17	0534	X		PW	X								1			
8	0290-042617-08-017-3	4/20/17	0535	X		DW	X											1
9						*												
10																		
11																-		
12																		
13																		
14																		
15																	· .	
RELINQUISHED	BY DATE/TIME	RECEIVED-B	У		j	DATE/TIME				PR	OJEC	r info	RMA	ION			RECEIPT	1
Blase	~ 0816 4/26/17	Tan	asar	6241	əuli	7816	PROJECT NAME: DCSD							Total # of Containers				
2:		2:	0		·1	`		ECT #:			156	1-160	[Turnaround Time Reques	
<u>.</u>		2.					SITE ADDRESS:						Standard 5 Business Days					
5.		5.										2 Business Day Rush Next Business Day Rush						
SPECIAL INSTRU	JCTIONS/COMMENTS:	OUT /	SHIPMENT	METHO VIA:	D	INVOICE TO: (IF DIFFERENT FROM ABOVE)				Same Day Rush (auth red Other: 10 business Days	.)							
Preserve at the Lab per protocol		IN / VIA: IN / VIA: CLIENT FedEx UPS MAIL COURIER					leona-	miles@	aem-net	.com; ti	m-roye	r@aem	net.com			STATE PROGRAM (if any): E-mail? Y / N; Fax? Y / N		
		GRI	EYHOUND O	THER						DATA PACKAGE: I II III								
SAMPLES RECI	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS I	RECEIVED ON	THE NEXT BUS	SINESS D	DAY; IF N	O TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.												

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

MATRIX CODES: A = 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

Analytical En	vironmental	Services, Inc						Date:	10-May-17	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	0290-426	17-DF-001-A	
Project Name:	DCSD - 0290					Collectior	Date:	4/26/2017	7 5:40:00 AM	
Lab ID:	1704L26-001					Matrix:		Drinking	Water	
Analyza			Result	Reporting	Oual	Units	BatchID	Dilution	Data Analyzad	Analyst
Analyses			Kesult	Limit	Quai	Units	Бассир	Factor	Date Analyzed	Analyst
Trace Element	s by ICP/MS	E200.8				(E2	200.2)			

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	10-May-17	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-426	017-DF-001-B	
Project Name:	DCSD - 0290					Collection	n Date:	4/26/2017	7 8:16:00 AM	
Lab ID:	1704L26-002					Matrix:		Drinking	Water	
Analysas			Result	Reporting	Oual	Units	BatchID	Dilution	Data Analyzad	Analyst
Analyses			Kesult	Limit	Quai	Units	Batchild	Factor	Date Analyzed	Analyst
Frace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	242106	5 1	05/05/2017 15:04	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	10-May-17	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	0290-426	17-DF-014-A	
Project Name:	DCSD - 0290					Collection	n Date:	4/26/2017	7 5:28:00 AM	
Lab ID:	1704L26-003					Matrix:		Drinking	Water	
Analyses			Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements	by ICP/MS	E200.8				(E2	200.2)			
Lead			17.5	1.00		ug/L	242100	6 1	05/05/2017 15:23	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	10-May-17	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-426	017-DF-014-B	
Project Name:	DCSD - 0290					Collection	n Date:	4/26/2017	7 5:29:00 AM	
Lab ID:	1704L26-004					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
T mary ses			Result	Limit	Quai	Omts	DateniD	Factor	Date / mary2cu	
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			11.9	1.00		ug/L	242106	5 1	05/05/2017 15:29	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	10-May-17	
Client:	Atlanta Enviro	nmental Mgmt				Client Saı	nple ID:	0290-426	17-DF-016-A	
Project Name:	DCSD - 0290					Collection	Date:	4/26/2017	7 5:32:00 AM	
Lab ID:	1704L26-005					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
				Limit	C · · ·			Factor		
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			13.0	1.00		ug/L	242106	5 1	05/05/2017 15:36	JR

* 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 7 of 12

Analytical En	vironmental	Services, Inc						Date:	10-May-17	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	0290-426	17-DF-016-B	
Project Name:	DCSD - 0290					Collectior	n Date:	4/26/2017	7 5:33:00 AM	
Lab ID:	1704L26-006					Matrix:		Drinking	Water	
Analyses			Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			5.39	1.00		ug/L	242100	6 1	05/05/2017 15:42	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	10-May-17	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	0290-426	17-DF-017-A	
Project Name:	DCSD - 0290					Collectior	n Date:	4/26/2017	7 5:34:00 AM	
Lab ID:	1704L26-007					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
				Limit				Factor		
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			25.2	1.00		ug/L	242106	5 1	05/05/2017 15:48	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	10-May-17	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-426	17-DF-017-B	
Project Name:	DCSD - 0290					Collection	n Date:	4/26/2017	7 5:35:00 AM	
Lab ID:	1704L26-008					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Onits	Datchild	Factor	Date Analyzeu	Analyst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			3.50	1.00		ug/L	242106	5 1	05/05/2017 15:55	JR

* Value exceeds maximum contaminant level

- 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



29. Containers meet preservation guidelines?

30. Was pH adjusted?

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	
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°C? [See item 13 and 14 for 7.				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 °C Cooler 2 Temperature Cooler 5 Temperature °C Cooler 6 Temperature 15. Comments: °C Cooler 6 Temperature			°C C		er 4 Temperature °C 8 Temperature °C
				L cortify that I have co	mpleted 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 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?					

Date: 10-May-17

Client:Atlanta Environmental MgmtProject Name:DCSD - 0290Workorder:1704L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 242106

Sample ID: MB-242106	Client ID:				Uni	ts: ug/L	Prep	Date: 05/0	4/2017	Run No: 342	2377
SampleType: MBLK	TestCode:	Trace Elements by ICP/N	IS E200.8		Bat	chID: 242106	Anal	ysis Date: 05/0	5/2017	Seq No: 75	00911
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Li	nit Qual
Lead	BRL	1.00									
Sample ID: LCS-242106	Client ID:				Uni	ts: ug/L	Prep	Date: 05/0	4/2017	Run No: 342	2377
SampleType: LCS	TestCode:	Trace Elements by ICP/N	1S E200.8		Bat	chID: 242106	Anal	ysis Date: 05/0	5/2017	Seq No: 75	00912
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Li	nit Qual
Lead	103.9	1.00	100.0		104	85	115				
Sample ID: 1704L26-001AMS	Client ID:	0290-42617-DF-001-	A		Uni	ts: ug/L	Prep	Date: 05/0	4/2017	Run No: 342	2377
SampleType: MS	TestCode:	Trace Elements by ICP/N	IS E200.8		Bat	chID: 242106	Anal	ysis Date: 05/0	5/2017	Seq No: 75	00914
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Li	nit Qual
Lead	102.0	1.00	100.0	0.5032	102	70	130				
Sample ID: 1704L26-001AMSD	Client ID:	0290-42617-DF-001-	A		Uni	its: ug/L	Prep	Date: 05/0	4/2017	Run No: 34	2377
SampleType: MSD	TestCode:	Trace Elements by ICP/N	IS E200.8		Bat	chID: 242106	Anal	ysis Date: 05/0	5/2017	Seq No: 75	00915
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Li	nit Qual
Lead	102.4	1.00	100.0	0.5032	102	70	130	102.0	0.369	20	

Qualifiers:	>	Greater than Result value
-------------	---	---------------------------

BRL Below reporting limit

J 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 12 of 12

Leona Miles

From:	NoReply@aesatlanta.net
Sent:	Wednesday, October 11, 2017 3:07 PM
То:	leona-miles@aem-net.com; tim-royer@aem-net.com
Subject:	DCSD - 0290
Attachments:	1709P64_REPORT.pdf; 1709P64Invoice.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.



October 11, 2017

Leona Miles Atlanta Environmental Mgmt

2580 NE Expressway Atlanta GA 30345

RE: DCSD - 0290

Dear Leona Miles:

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

samples on 9/28/2017 10:12:00 PM

Order No:

1709P64

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.

4

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,

IDana Pacurar

Ioana Pacurar Project Manager



ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

Work Order: 1709964

of

Page

Date: 9

3080 Presidential Drive, Atlanta GA 30340-3704 TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

COMPANY:	Atlanta Environmental Management Inc	ADDR	DDRESS: 2580 Northeast Expressway NE Atlanta, GA 30345							ANALYSIS REQUESTED										Visit our website		
PHONE:	404-329-9006	FAX:		404-329-2				200.8)												to	ww.aesatlanta.com check on the status of ur results, place bottle	ers
SAMPLED BY:	Tim Royer	SIGNĄ	TURE:	/	3			\sim													orders, etc.	No # of Containers
#	SAMPLE ID	DA	SAN ATE	APLED TIME	Grab	Composite	Matrix (See codes)	H Lead				PRES	SERVA		(See	codes)					REMARKS	No # 0
1	0290-092817-DF-014-A	9	28	0457	X		BW	×														
2	0290-092817-DF-014-B			0458	X		DW	X														-
3	0290-092817-DF-017-A 0290-092817-DF-017-B			0502	$\boldsymbol{\times}$		DW	$\boldsymbol{<}$	<u> </u>													
4	0290-992817-DF-017-B		/	0503	x		DW	X									ļ				· · · · · · · · · · · · · · · · · · ·	1
5									ļ													
6																						
7																						
8																						
9								L	ļ	ļ												
10		_						ļ														
11		_					-							<u> </u>			ļ					
12								<u> </u>	ļ	<u> </u>							 					
13		_	•					<u> </u>		ļ					<u> </u>							
14									ļ			ļ		ļ		L						
15																						
RELINQUISHED	DBY DATE/TIME	RECE	IVED B	Y	01		DATE/TIME		JECT	NAME		PRO	JECT	INFO	RMA	TION	Į				RECEIPT	1
	- 2 9/28/17 1012	M	Ħ	fanj	9/8	8/1	1012					DC	SD 51-1	201							Total # of Containers	
2:		2. 0	•						JECT /			13	1-10	001						$\dashv a$	 <u>Turnaround Time Request</u> Standard 5 Business Days 	
3:		3:						SILE	ADDI	KE55:		E)2	91	C						 Standard 5 Business Days 2 Business Day Rush 	
								SEN	D REP	ORT	ГО :		leor	na-n	niles	@ae	em-r	et.c	om		Next Business Day Rush	
SPECIAL INSTR	uctions/comments:	ουτ	- /	SHIPMENT	METHO VIA:)D			DICE 1												Same Day Rush (auth req.) Other: 10 business Days)
pres	erve @ lab	IN	1	FedEx U	VIA:	L COI	JRIER														STATE PROGRAM (if any): E-mail? Y/N; Fax? Y/N	
			GRI	EYHOUND O	THER			QUC	DTE #:_						PO#						TA PACKAGE: I II III	IV
	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS F DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT							MARI	KED C	ON CO	OC AE	S WI	LL PR	OCE	ED AS	5 STA	NDAF	ND TA	т.			
Contra alto Alto	Dist of the Briteria TER Contraction of REFORT	5, 1000	~ • • • • •																			

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 = lee only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

Analytical En	vironmental	Services, Inc						Date:	11-Oct-17	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-092	2817-DF-014-A	
Project Name:	DCSD - 0290					Collection	n Date:	9/28/2017	7 4:57:00 AM	
Lab ID:	1709P64-001					Matrix:		Drinking	Water	
Analyzaa			Result	Reporting	Oual	Units	BatchID	Dilution	Data Analyzad	Analyst
Analyses			Kesult	Limit	Quai	Units	DatemD	Factor	Date Analyzed	Analyst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			1.82	1.00		ug/L	249362	2 1	10/05/2017 01:36	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	11-Oct-17	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-092	817-DF-014-B	
Project Name:	DCSD - 0290					Collection	n Date:	9/28/2017	7 4:58:00 AM	
Lab ID:	1709P64-002					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Elements	s by ICP/MS	E200.8				(Ež	200.2)			
Lead			BRL	1.00		ug/L	249362	2 1	10/05/2017 00:20	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	11-Oct-17	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-092	817-DF-017-A	
Project Name:	DCSD - 0290					Collection	n Date:	9/28/2017	7 5:02:00 AM	
Lab ID:	1709P64-003					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DattinD	Factor	Date Analyzeu	Anaryst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	249362	2 1	10/05/2017 01:55	JR

* Value exceeds maximum contaminant level

- 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

Analytical En	vironmental	Services, Inc						Date:	11-Oct-17	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	0290-092	817-DF-017-B	
Project Name:	DCSD - 0290					Collection	n Date:	9/28/2017	7 5:03:00 AM	
Lab ID:	1709P64-004					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
Frace Elements	s by ICP/MS	E200.8				(Ež	200.2)			
Lead			BRL	1.00		ug/L	249362	2 1	10/05/2017 02:01	JR

* Value exceeds maximum contaminant level

- 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



29. Containers meet preservation guidelines?30. Was pH adjusted at Sample Receipt?

SAMPLE/COOLER RECEIPT CHECKLIST

13. Cooler 1 Temperature °C Cooler 2 Temperature °C Cooler 3 Temperature °C Cooler 4 Temperature °C Cooler 5 Temperature °C Cooler 6 Temperature °C Cooler 7 Temperature °C Cooler 8 Temperature °C
3. Shipping container/cooler received in good condition? damaged
4. Custody seals present on shipping container? Image: container in the present of the present
5. Custody seals intact on shipping container? Image: container interval i
6. Temperature blanks present? Image: color temperature (s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.] Cooling initiated for recently collected samples / ice present Image: color temperature recordings.] 8. Chain of Custody (COC) present? Image: color temperature on COC? Image: color temperature on COC? 9. Chain of Custody signature on COC? Image: color temperature on COC? Image: color temperature on COC? 1. Were all samples received within holding time? Image: color temperature on the COC? Image: color temperature on the color temperature on temperature on the color temperature on the color temperature on temp
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.] Cooling initiated for recently collected samples / ice present
1 temperature recordings.] present
temperature recordings.] present
9. Chain of Custody signed, dated, and timed when relinquished and received? Image: Chain of Custody signed, dated, and timed when relinquished and received? Image: Chain of Custody signed, dated, and timed when relinquished and received? Image: Chain of Custody signed, dated, and timed when relinquished and received? Image: Chain of Custody signed, dated, and timed when relinquished and received? Image: Chain of Custody signed, dated, and timed when relinquished and received? Image: Chain of Custody signed, dated, and timed when relinquished and received? Image: Chain of Custody signed, dated, and timed when relinquished and received? Image: Custody signed, dated, and timed when relinquished and received? Image: Custody signed, dated, and timed when relinquished and received? Image: Custody signed, dated, and timed when relinquished and received? Image: Custody signed, dated, and timed when relinquished and received? Image: Custody signed, dated, and timed when relinquished and received? Image: Custody signed, dated, and timed when relinquished and received? Image: Custody signed, dated, and timed when relinquished and received? Image: Custody signed, dated, and timed when relinquished and received? Image: Custody signed, dated, and timed when relinquished and received? Image: Custody signed, dated, and timed when relinquished and received? Image: Custody signed, dated, and timed when relinquished and received? Image: Custody signed, dated, and timed when relinquished and received? Image: Custody signed, and timed when relinquished and received? Image: Custody signed, and timed when relinquished and received? Image: Custody signed, and timage: Custody sign
10. Sampler name and/or signature on COC? Image: Constraint of the constraint
1. Were all samples received within holding time? If no TAT indicated, proceeded with standard TAT per Terms & Conditions. 2. TAT marked on the COC? If no TAT indicated, proceeded with standard TAT per Terms & Conditions. 3. Cooler 1 Temperature °C Cooler 2 Temperature °C Cooler 3 Temperature °C Cooler 4 Temperature °C Cooler 5 Temperature °C Cooler 6 Temperature °C Cooler 7 Temperature °C Cooler 8 Temperature °C
12. TAT marked on the COC? If no TAT indicated, proceeded with standard TAT per Terms & Conditions. 13. Cooler 1 Temperature °C Cooler 2 Temperature °C Cooler 3 Temperature °C Cooler 4 Temperature °C 13. Cooler 5 Temperature °C Cooler 6 Temperature °C Cooler 7 Temperature °C Cooler 8 Temperature °C
13. Cooler 1 Temperature °C Cooler 2 Temperature °C Cooler 3 Temperature °C Cooler 4 Temperature °C Cooler 5 Temperature °C Cooler 6 Temperature °C Cooler 7 Temperature °C Cooler 8 Temperature °C
Cooler 5 Temperature °C Cooler 6 Temperature °C Cooler 7 Temperature °C Cooler 8 Temperature °C
Cooler 5 Temperature °C Cooler 6 Temperature °C Cooler 7 Temperature °C Cooler 8 Temperature °C
15. Comments:
I certify that I have completed sections 1-15 (dated initials).
Yes No N/A Details Comments
16. Were sample containers intact upon receipt?
7. Custody seals present on sample containers?
18. Custody seals intact on sample containers?
Incomplete info illegible
.9. Do sample container labels match the COC?
0. Are analyses requested indicated on the COC?
samples received but not listed on the COC received a
1. Were all of the samples listed on the COC received?
2. Was the sample collection date/time noted?
13. Did we receive sufficient sample volume for indicated analyses?
4. Were samples received in appropriate containers?
25. Were VOA samples received without headspace (< 1/4" bubble)?
6. Were trip blanks submitted?
7. Comments:
I certify that I have completed sections 16-27 (dated initials).
Yes No N/A Details Comments 28. Have containers needing chemical preservation been checked? *

Client:Atlanta Environmental MgmtProject Name:DCSD - 0290Workorder:1709P64

ANALYTICAL QC SUMMARY REPORT

BatchID: 249362

Sample ID: MB-249362 SampleType: MBLK	Client ID: TestCode:	Trace Elements by ICP/M	4S E200.8		Uni Bat	ts: ug/L chID: 249362	Prep Date:	10/04/2017 te: 10/04/2017	Run No: 353683 Seq No: 7782082
Sample Type. MIDER	restebue.				Dat	cmD. 24)302	7 marysis Da	10/04/2017	Seq 110. 7782082
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD	Ref Val %RP	D RPD Limit Qual
Lead	BRL	1.00							
Sample ID: LCS-249362	Client ID:				Uni	its: ug/L	Prep Date:	10/04/2017	Run No: 353683
SampleType: LCS	TestCode:	Trace Elements by ICP/M	4S E200.8		Bat	chID: 249362	Analysis Da	te: 10/04/2017	Seq No: 7782083
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD	Ref Val %RP	D RPD Limit Qual
Lead	97.04	1.00	100.0		97.0	85	115		
Sample ID: 1709P61-021AMS	Client ID:				Uni	its: ug/L	Prep Date:	10/04/2017	Run No: 353683
SampleType: MS	TestCode:	Trace Elements by ICP/M	4S E200.8		Bat	chID: 249362	Analysis Da	te: 10/05/2017	Seq No: 7782085
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD	Ref Val %RP	D RPD Limit Qual
Lead	97.95	1.00	100.0	2.067	95.9	70	130		
Sample ID: 1709P64-002AMS	Client ID:	0290-092817-DF-014	4-B		Uni	ts: ug/L	Prep Date:	10/04/2017	Run No: 353683
SampleType: MS	TestCode:	Trace Elements by ICP/M	1S E200.8		Bat	chID: 249362	Analysis Da	te: 10/05/2017	Seq No: 7782090
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD	Ref Val %RP	D RPD Limit Qual
Lead	92.83	1.00	100.0	0.9884	91.8	70	130		
Sample ID: 1709P61-021AMSD	Client ID:				Uni	its: ug/L	Prep Date:	10/04/2017	Run No: 353683
SampleType: MSD	TestCode:	Trace Elements by ICP/M	AS E200.8		Bat	chID: 249362	Analysis Da	te: 10/05/2017	Seq No: 7782086
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPD	Ref Val %RP	D RPD Limit Qual
Lead	95.47	1.00	100.0	2.067	93.4	70	130 97	2.95 2.5	7 20

Qualifiers:	>	Greater than Result value	Result value < Less than Result value			Analyte detected in the associated method bla	nk
	BRL	Below reporting limit	Е	Estimated (value above quantitation range)	Н	Holding times for preparation or analysis exc	eeded
	J	Estimated value detected below Reporting Limit	Ν	Analyte not NELAC certified	R	RPD outside limits due to matrix	Page 8 of 8
	Rpt Li	pt Lim Reporting Limit		Spike Recovery outside limits due to matrix			l uge e el e

Da

Date: 11-Oct-17