

October 31, 2016

## Via E-Mail: Joshua\_l\_williams@dekalbschoolsga.org

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

#### Re: Lead in Drinking Water Sample Results Sagamore Hills Elementary School (Facility ID #5065) 1865 Alderbrook Road, Atlanta, Georgia 30345 AEM Project No. 1561-1601

Dear Mr. Williams:

Atlanta Environmental Management, Inc. (AEM) is pleased to provide the DeKalb County School District (DCSD) an electronic copy of the Lead in Drinking Water Sample Results for Sagamore Hills Elementary School (Facility ID #5065). Samples were collected on October 13, 2016, and analytical results were received from Analytical Environmental Services, Inc., on October 27, 2016.

#### **FINDINGS**

AEM collected 52 drinking water samples from 26 sources at Sagamore Hills Elementary School (Facility ID #5065), including two duplicate samples. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in the attached table.

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

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

Sincerely,

Atlanta Environmental Management, Inc.

Leona Miles, CHMM Senior Project Manager

Janet T. Hart President

/krf

cc: Daniel Drake (DCSD) Tracee Hill (DCSD) Sandra Glen (DeKalb County Watershed Management) Ryan Cira (DeKalb Board of Health)

Attachment: Table

1865 Alderbrook Road Atlanta, GA, 30345



			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	( ppb)
	Initial Draw sample; Upper Left Wall-mounted Elkay Drinking Fountain in hallway across		
5065-101316-DF-001-A	from Rm 16	10/13/16 5:33 AM	None Detected
	Flush sample; Upper Left Wall-mounted Elkay Drinking Fountain in hallway across from Rm		
5065-101316-DF-001-B	16	10/13/16 5:34 AM	None Detected
	Initial Draw sample; Lower Right Wall-mounted Elkay Drinking Fountain in hallway across		
5065-101316-DF-002-A	from Rm 16	10/13/16 5:36 AM	None Detected
	Flush sample; Lower Right Wall-mounted Elkay Drinking Fountain in hallway across from		
5065-101316-DF-002-B	Rm 16	10/13/16 5:37 AM	None Detected
5065-101316-DF-003-A	Initial Draw sample; Elkay short Drinking Fountain on right near Rm 2	10/13/16 5:47 AM	None Detected
5065-101316-DF-003-B	Flush sample; Elkay short Drinking Fountain on right near Rm 2	10/13/16 5:48 AM	None Detected
5065-101316-DF-004-A	Initial Draw sample; Elkay tall Drinking Fountain on left near Rm 2	10/13/16 5:51 AM	None Detected
5065-101316-DF-004-B	Flush sample; Elkay tall Drinking Fountain on left near Rm 2	10/13/16 5:52 AM	None Detected
5065-101316-DF-005-A	Initial Draw sample; Elkay Drinking Fountain on left near Rm 12	10/13/16 4:59 AM	None Detected
5065-101316-DF-005-B	Flush sample; Elkay Drinking Fountain on left near Rm 12	10/13/16 5:00 AM	None Detected
5065-101316-DF-006-A	Initial Draw sample; Elkay Drinking Fountain on right near Rm 12	10/13/16 5:02 AM	None Detected
5065-101316-DF-006-B	Flush sample; Elkay Drinking Fountain on right near Rm 12	10/13/16 5:03 AM	None Detected
5065-101316-DF-007-A	Initial Draw sample; Single Wall-mounted Elkay Drinking Fountain in hallway near Rm 24	10/13/16 5:51 AM	None Detected
5065-101316-DF-007-B	Flush sample; Single Wall-mounted Elkay Drinking Fountain in hallway near Rm 24	10/13/16 5:52 AM	None Detected
	Initial Draw sample; Short Wall-mounted Elkay Drinking Fountain on left in hallway near		
5065-101316-DF-008-A	Rm 21	10/13/16 5:45 AM	None Detected
5065-101316-DF-008-B	Flush sample; Short Wall-mounted Elkay Drinking Fountain on left in hallway near Rm 21	10/13/16 5:46 AM	None Detected
	Initial Draw sample; Upper Right Wall-mounted Elkay Drinking Fountain in hallway near Rm		
5065-101316-DF-009-A	21	10/13/16 5:48 AM	None Detected
5065-101316-DF-009-B	Flush sample; Upper Right Wall-mounted Elkay Drinking Fountain in hallway near Rm 21	10/13/16 5:49 AM	None Detected
5065-101316-DF-010-A	Initial Draw sample; Lower Left Wall-mounted Drinking Fountain outside the Gym entrance	10/13/16 5:18 AM	1.58
5065-101316-DF-010-B	Flush sample; Lower Left Wall-mounted Drinking Fountain outside the Gym entrance	10/13/16 5:19 AM	1.41
5065-101316-DF-011-A	Initial Draw sample; Upper Right Drinking Fountain outside Gym entrance	10/13/16 5:20 AM	3.29
5065-101316-DF-011-B	Flush sample; Upper Right Drinking Fountain outside Gym entrance	10/13/16 5:21 AM	None Detected

1865 Alderbrook Road Atlanta, GA, 30345



			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	( ppb)
5065-101316-DF-012-A	Initial Draw sample; Lower Right Wall-mounted Elkay Drinking Fountain inside Gym	10/13/16 5:26 AM	None Detected
5065-101316-DF-012-B	Flush sample; Lower Right Wall-mounted Elkay Drinking Fountain inside Gym	10/13/16 5:27 AM	None Detected
5065-101316-DF-013-A	Initial Draw sample; Upper Left Wall-mounted Elkay Drinking Fountain inside Gym	10/13/16 5:29 AM	None Detected
5065-101316-DF-013-B	Flush sample; Upper Left Wall-mounted Elkay Drinking Fountain inside Gym	10/13/16 5:30 AM	None Detected
5065-101316-DF-014-A	Initial Draw sample; Upper Left Wall-mounted Elkay Drinking Fountain inside the Cafeteria	10/13/16 5:06 AM	None Detected
5065-101316-DF-014-B	Flush sample; Upper Left Wallo-mounted Elkay Drinking Fountain inside the Cafeteria	10/13/16 5:07 AM	None Detected
5065-101316-DF-015-A	Initail Draw sample; Lower Right Wall-mounted Elkay Drinking Fountain inside the Cafeteria	10/13/16 5:11 AM	None Detected
5065-101316-DF-015-B	Flush sample; Lower Right Wall-mounted Elkay Drinking Fountain inside the Cafeteria	10/13/16 5:12 AM	None Detected
5065-101316-KS-001-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 4; sampled from bubbler	10/13/16 5:33 AM	None Detected
5065-101316-KS-001-B	Flush sample; Kindergarten Sink with bubbler in Rm 4; sampled from bubbler	10/13/16 5:35 AM	None Detected
5065-101316-KS-002-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 6; sampled from bubbler	10/13/16 5:28 AM	None Detected
5065-101316-КЅ-002-В	Flush sample; Kindergarten Sink with bubbler in Rm 6; sampled from bubbler	10/13/16 5:29 AM	None Detected
5065-101316-KS-003-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 8; sampled from bubbler	10/13/16 5:23 AM	None Detected
5065-101316-КЅ-003-В	Flush sample; Kindergarten Sink with bubbler in Rm 8; sampled from bubbler	10/13/16 5:24 AM	None Detected
5065-101316-KS-004-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 10; sampled from fountain	10/13/16 5:13 AM	2.63
5065-101316-КЅ-004-В	Flush sample; Kindergarten Sink with bubbler in Rm 10; sampled from fountain	10/13/16 5:14 AM	None Detected
5065-101316-KS-005-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 9; sampled from bubbler	10/13/16 5:19 AM	None Detected
5065-101316-КЅ-005-В	Flush sample; Kindergarten Sink with bubbler in Rm 9; sampled from bubbler	10/13/16 5:20 AM	None Detected
5065-101316-KS-006-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 11; sampled from bubbler	10/13/16 5:08 AM	None Detected
5065-101316-КЅ-006-В	Flush sample; Kindergarten Sink with bubbler in Rm 11; sampled from bubbler	10/13/16 5:09 AM	None Detected
5065-101316-RS-001-A	Initial Draw sample; Boys RR across from Rm 18; Far left sink	10/13/16 5:40 AM	None Detected
5065-101316-RS-001-B	Flush sample; Boys RR across from Rm 18; Far left sink	10/13/16 5:41 AM	None Detected
5065-101316-TL-001-A	Initial Draw sample; Sink in Teacher's lounge/Rm 4.4; Faucet was dripping on arrival	10/13/16 5:40 AM	None Detected
5065-101316-TL-001-B	Flush sample; Sink in Teacher's lounge/Rm 4.4; Faucet was dripping on arrival	10/13/16 5:41 AM	None Detected
5065-101316-CS-001-A	Initial Draw sample; Food Prep sink in kitchen next to the ice machine	10/13/16 5:01 AM	None Detected
5065-101316-CS-001-B	Flush sample; Food Prep sink in kitchen next to the ice machine	10/13/16 5:02 AM	None Detected

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

## Sagamore Hills Elementary School

1865 Alderbrook Road Atlanta, GA, 30345



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results ( ppb)
5065-101316-IM-001-A	Prodigy Plus ice machine in kitchen	10/13/16 4:57 AM	None Detected
	Service Connection line at Ravenwood Way; 2 meters were identified; sampled Meter		
5065-101316-SC-001-A	number 65315485	10/13/16 6:13 AM	**

#### Notes:

ppb-parts per billion

### Bold-Exceeds 15 ppb--EPA's

Action Level for Lead

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

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

\*\*Information provided by DeKalb County Watershed Management



May 10, 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 Sagamore Hills Elementary School (Facility ID #5065) 1865 Alderbrook Road, Atlanta, Georgia 30345 AEM Project No. 1561-1601

Dear Mr. Williams:

Atlanta Environmental Management, Inc. (AEM) is pleased to provide the DeKalb County School District (DCSD) an electronic copy of the Lead in Drinking Water Sample Results for Sagamore Elementary School (Facility ID #5065). Additional drinking water samples from select source units were collected on March 28, 2017, and analytical results were received from Analytical Environmental Services, Inc., on April 11, 2017.

#### FINDINGS

#### Sample Results of Previously Identified Source Units That Were Inconclusive

During the initial sampling event on October 13, 2016, the analytical result for the service connection was inconclusive. A resampling of the service connection was conducted on March 28, 2017, where AEM collected one sample. A description of the drinking water outlet sampled and a summary of sample analytical results are provided in Table 1.

The result for the service connection was below EPA's action level of 15 ppb.

Mr. Joshua Williams—DeKalb County School District May 10, 2017 Page 2

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

Sincerely,

Atlanta Environmental Management, Inc.

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Leona Miles, CHMM Senior Project Manager

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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



1865 Alderbrook Road, Atlanta, GA 30345



Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
Service Connection Entry into Building	3/28/17 4:45 AM	None Detected
	Sample Location Description Service Connection Entry into Building	

Notes:

ppb-parts per billion

Bold-Exceeds 15 ppb--EPA's

Action Level for Lead

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

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

\*\*Source unit was initially sampled on 10/13/16 and the initial result was inconclusive. The above summarizes the retesting results



June 14, 2017

### Via E-Mail: Joshua\_I\_williams@dekalbschoolsga.org

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

#### Re: Lead in Drinking Water Sampling Report Sagamore Hills Elementary School (Facility ID #5065) 1865 Alderbrook Road, Atlanta, Georgia 30345 AEM Project No. 1561-1601

Dear Mr. Williams:

Atlanta Environmental Management, Inc. (AEM) is pleased to provide the DeKalb County School District (DCSD) an electronic copy of the Final Technical Lead in Drinking Water Sampling Report for Sagamore Hills Elementary School (Facility ID #5065).

Initial sampling was conducted on October 13, 2016, and analytical results were received from Analytical Environmental Services, Inc., on October 27, 2016. Additional drinking water samples from select source units were collected on March 28, 2017, and analytical results were received from Analytical Environmental Services, Inc., on April 11, 2017.

#### FINDINGS

#### Initial Testing

AEM collected 52 drinking water samples from 26 sources at Sagamore Hills Elementary School (Facility ID #5065), including 2 duplicate samples (see Figure 1). Samples were collected in accordance with the Water Sampling Methodology Protocol for DeKalb County School District, dated September 12, 2016. A copy of AEM's Field Sampling Notes is provided in Attachment A.

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

In addition, DeKalb County Watershed Management (DCWM) collected a split sample with AEM from the Service Connection Water Line adjacent to Midway Road. DCWM's sample (29-Sagamore Hills) was analyzed by Pace Analytical Services, Inc. An excerpt from the Pace laboratory analytical report is provided in Attachment C.

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

### Sample Results of Previously Identified Source Units That Were Inconclusive

During the initial sampling event on October 13, 2016, the analytical result for the service connection was inconclusive. A resampling of the service connection was conducted on March 28, 2017, where AEM collected one sample. A description of the drinking water outlet sampled and a summary of sample analytical results are provided in Table 1.

The result for the service connection was below EPA's action level of 15 ppb. A copy of the AES laboratory analytical report is provided in Attachment B.

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

Sincerely,

Atlanta Environmental Management, Inc.

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Leona Miles, CHMM

Janet/T. Hart President

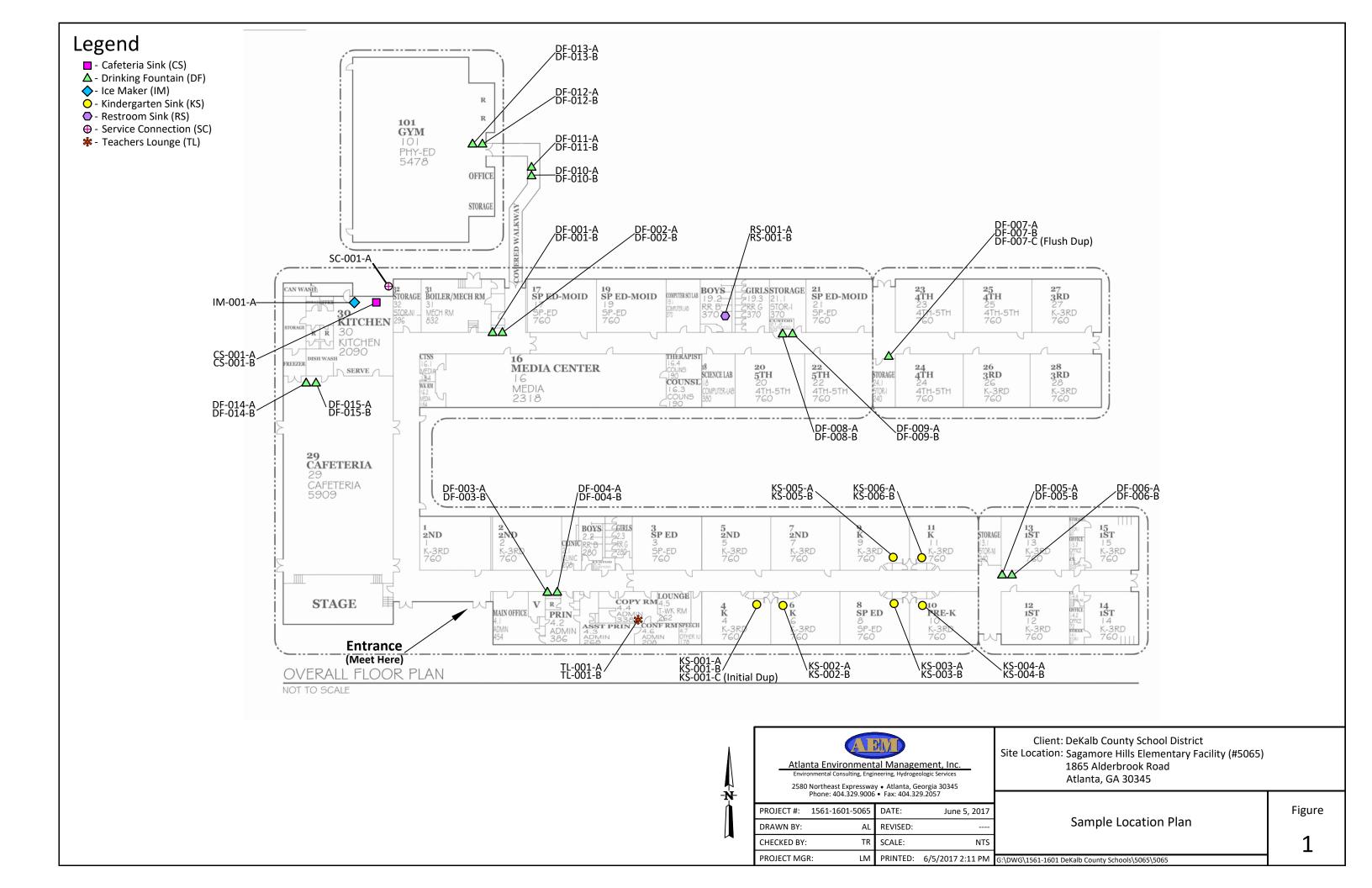
/krf

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



# FIGURE





# TABLE



1865 Alderbrook Road, Atlanta, GA 30345



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)	
	Initial Draw sample; Upper Left Wall-mounted Elkay Drinking Fountain in hallway across		4FF *7	
5065-101316-DF-001-A	from Rm 16	10/13/16 5:33 AM	None Detected	
5005 101510 DI 001 A	Flush sample; Upper Left Wall-mounted Elkay Drinking Fountain in hallway across from Rm	10/13/10 3.33 AN		
5065-101316-DF-001-B	16	10/13/16 5:34 AM	None Detected	
	Initial Draw sample; Lower Right Wall-mounted Elkay Drinking Fountain in hallway across			
5065-101316-DF-002-A	from Rm 16	10/13/16 5:36 AM	None Detected	
	Flush sample; Lower Right Wall-mounted Elkay Drinking Fountain in hallway across from			
5065-101316-DF-002-B	Rm 16	10/13/16 5:37 AM	None Detected	
5065-101316-DF-003-A	Initial Draw sample; Elkay short Drinking Fountain on right near Rm 2	10/13/16 5:47 AM	None Detected	
5065-101316-DF-003-B	Flush sample; Elkay short Drinking Fountain on right near Rm 2	10/13/16 5:48 AM	None Detected	
5065-101316-DF-004-A	Initial Draw sample; Elkay tall Drinking Fountain on left near Rm 2	10/13/16 5:51 AM	None Detected	
5065-101316-DF-004-B	Flush sample; Elkay tall Drinking Fountain on left near Rm 2	10/13/16 5:52 AM	None Detected	
5065-101316-DF-005-A	Initial Draw sample; Elkay Drinking Fountain on left near Rm 12	10/13/16 4:59 AM	None Detected	
5065-101316-DF-005-B	Flush sample; Elkay Drinking Fountain on left near Rm 12	10/13/16 5:00 AM	None Detected	
5065-101316-DF-006-A	Initial Draw sample; Elkay Drinking Fountain on right near Rm 12	10/13/16 5:02 AM	None Detected	
5065-101316-DF-006-B	Flush sample; Elkay Drinking Fountain on right near Rm 12	10/13/16 5:03 AM	None Detected	
5065-101316-DF-007-A	Initial Draw sample; Single Wall-mounted Elkay Drinking Fountain in hallway near Rm 24	10/13/16 5:51 AM	None Detected	
5065-101316-DF-007-B	Flush sample; Single Wall-mounted Elkay Drinking Fountain in hallway near Rm 24	10/13/16 5:52 AM	None Detected	
5065-101316-DF-007-C	Flush Duplicate sample; Single Wall-mounted Elkay Drinking Fountain in hallway near Rm 24	10/13/16 5:53 AM	None Detected	
	Initial Draw sample; Short Wall-mounted Elkay Drinking Fountain on left in hallway near			
5065-101316-DF-008-A	Rm 21	10/13/16 5:45 AM	None Detected	
5065-101316-DF-008-B	Flush sample; Short Wall-mounted Elkay Drinking Fountain on left in hallway near Rm 21	10/13/16 5:46 AM	None Detected	
	Initial Draw sample; Upper Right Wall-mounted Elkay Drinking Fountain in hallway near Rm			
5065-101316-DF-009-A	21	10/13/16 5:48 AM	None Detected	
5065-101316-DF-009-B	Flush sample; Upper Right Wall-mounted Elkay Drinking Fountain in hallway near Rm 21	10/13/16 5:49 AM	None Detected	
5065-101316-DF-010-A	Initial Draw sample; Lower Left Wall-mounted Drinking Fountain outside the Gym entrance	10/13/16 5:18 AM	1.58	

1865 Alderbrook Road, Atlanta, GA 30345



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
5065-101316-DF-010-B	Flush sample; Lower Left Wall-mounted Drinking Fountain outside the Gym entrance	10/13/16 5:19 AM	1.41
5065-101316-DF-011-A	Initial Draw sample; Upper Right Drinking Fountain outside Gym entrance	10/13/16 5:20 AM	3.29
5065-101316-DF-011-B	Flush sample; Upper Right Drinking Fountain outside Gym entrance	10/13/16 5:21 AM	None Detected
5065-101316-DF-012-A	Initial Draw sample; Lower Right Wall-mounted Elkay Drinking Fountain inside Gym	10/13/16 5:26 AM	None Detected
5065-101316-DF-012-B	Flush sample; Lower Right Wall-mounted Elkay Drinking Fountain inside Gym	10/13/16 5:27 AM	None Detected
5065-101316-DF-013-A	Initial Draw sample; Upper Left Wall-mounted Elkay Drinking Fountain inside Gym	10/13/16 5:29 AM	None Detected
5065-101316-DF-013-B	Flush sample; Upper Left Wall-mounted Elkay Drinking Fountain inside Gym	10/13/16 5:30 AM	None Detected
5065-101316-DF-014-A	Initial Draw sample; Upper Left Wall-mounted Elkay Drinking Fountain inside the Cafeteria	10/13/16 5:06 AM	None Detected
5065-101316-DF-014-B	Flush sample; Upper Left Wallo-mounted Elkay Drinking Fountain inside the Cafeteria	10/13/16 5:07 AM	None Detected
5065-101316-DF-015-A	Initail Draw sample; Lower Right Wall-mounted Elkay Drinking Fountain inside the Cafeteria	10/13/16 5:11 AM	None Detected
5065-101316-DF-015-B	Flush sample; Lower Right Wall-mounted Elkay Drinking Fountain inside the Cafeteria	10/13/16 5:12 AM	None Detected
5065-101316-KS-001-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 4; sampled from bubbler	10/13/16 5:33 AM	None Detected
5065-101316-KS-001-B	Flush sample; Kindergarten Sink with bubbler in Rm 4; sampled from bubbler	10/13/16 5:35 AM	None Detected
5065-101316-KS-001-C	Initial Draw Duplicate sample; Kindergarten Sink with bubbler in Rm 4; sampled from bubbler	10/13/16 5:34 AM	None Detected
5065-101316-KS-002-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 6; sampled from bubbler	10/13/16 5:28 AM	None Detected
5065-101316-KS-002-B	Flush sample; Kindergarten Sink with bubbler in Rm 6; sampled from bubbler	10/13/16 5:29 AM	None Detected
5065-101316-KS-003-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 8; sampled from bubbler	10/13/16 5:23 AM	None Detected
5065-101316-KS-003-B	Flush sample; Kindergarten Sink with bubbler in Rm 8; sampled from bubbler	10/13/16 5:24 AM	None Detected
5065-101316-KS-004-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 10; sampled from fountain	10/13/16 5:13 AM	2.63
5065-101316-KS-004-B	Flush sample; Kindergarten Sink with bubbler in Rm 10; sampled from fountain	10/13/16 5:14 AM	None Detected
5065-101316-KS-005-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 9; sampled from bubbler	10/13/16 5:19 AM	None Detected
5065-101316-KS-005-B	Flush sample; Kindergarten Sink with bubbler in Rm 9; sampled from bubbler	10/13/16 5:20 AM	None Detected
5065-101316-KS-006-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 11; sampled from bubbler	10/13/16 5:08 AM	None Detected
5065-101316-KS-006-B	Flush sample; Kindergarten Sink with bubbler in Rm 11; sampled from bubbler	10/13/16 5:09 AM	None Detected
5065-101316-RS-001-A	Initial Draw sample; Boys RR across from Rm 18; Far left sink	10/13/16 5:40 AM	None Detected
5065-101316-RS-001-B	Flush sample; Boys RR across from Rm 18; Far left sink	10/13/16 5:41 AM	None Detected
5065-101316-TL-001-A	Initial Draw sample; Sink in Teacher's lounge/Rm 4.4; Faucet was dripping on arrival	10/13/16 5:40 AM	None Detected
5065-101316-TL-001-B	Flush sample; Sink in Teacher's lounge/Rm 4.4; Faucet was dripping on arrival	10/13/16 5:41 AM	None Detected

1865 Alderbrook Road, Atlanta, GA 30345



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
5065-101316-CS-001-A	Initial Draw sample; Food Prep sink in kitchen next to the ice machine	10/13/16 5:01 AM	None Detected
5065-101316-CS-001-B	Flush sample; Food Prep sink in kitchen next to the ice machine	10/13/16 5:02 AM	None Detected
5065-101316-IM-001-A	Prodigy Plus ice machine in kitchen	10/13/16 4:57 AM	None Detected
	Service Connection line at Ravenwood Way; 2 meters were identified; sampled Meter		
5065-101316-SC-001-A	number 65315485	10/13/16 6:13 AM	**
5065-032817-SC-001-A	Service Connection Entry into Building	3/28/17 4:45 AM	None Detected
29-Sagamore Hills***	DeKalb County Watershed Management Split Sample of Service Connection	10/13/16 6:13 AM	**

#### Notes:

ppb-parts per billion

**Bold**-Exceeds 15 ppb--EPA's

Action Level for Lead

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

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

\*\*Inconclusive Sample Result; Resampling Conducted on 03/28/17

\*\*\*Information provided by DeKalb County Watershed Management

# ATTACHMENT A AEM Field Sampling Forms



FACILITY NAME: SAGAMORE HILLS ELEMENTARY FACILITY

FACILITY ID: 5065

ADDRESS: 1865 Alderbrook Road Atlanta, GA, 30345

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
10/13/16	GU 59	5065 - 101316 - DF-065 - A	12	In room Hallway	Elkar, Tall fountain on Left	AN
10/13/16	0500	5065 - 101316 - DF-005-B	12	In room Hallway	Elkay, same as above	A
10/13/16	0502	5065 - 101316 - DF - 006-A	12	In room Hallway	Elleay, Short Fountain on Right	An
10/13/16	0503	5065 - 101316 - DF-006 - B	12	In room Hallway	same as above	An
10/13/16	0513	5065 - 101316 - 45-004-A	10	In room Hallway	Faucet + Fountain combo Sampled from Fountain	A
10/13/16	0514	5065 - 101316 - KS-004-B	10	In room Hallway	Game asabore	R/
10/13/16	0508	5065 - 101316 - 145-006 - A	1 (	In room Hallway	Fahert + Fountain combo Sampled Fountain.	An
10/13/16	0509	5065 - 101316 - KS-006 - B		In room Hallway	Same as above	A?
10/13/16	6523	5065 - 101316 - 45-003-A	8	In room Hallway	Faucet + Fountain campo Sampled from Fountain	A
10/13/16	6524	5065 - 101316 - KS-003-B	8	In room Hallway	Same as sbow	A

FACILITY NAME: SAGAMORE HILLS ELEMENTARY FACILITY

FACILITY ID: 5065

ADDRESS: 1865 Alderbrook Road Atlanta, GA, 30345

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
10/13/16	0519	5065 - 101316 - KS-005-A	9	In room Hallway	Faucet + Fountain combo Sumpled From Fountain	AN
10/13/16	0520	5065 - 101316 - 125-005-13	9	In room Hallway	Same as a sove	B
10/13/16	OSZ8	5065 - 101316 - 45-002-A	6	In room Hallway	Faucet + Fountain combo Sampled from Fountain	A
10/13/16	0529	5065 - 101316 - 145-002-B	þ	In room Hallway	Same as above	B
10/13/16	0533	5065 - 101316 - KS-OGI - A	Ц	in room Hallway	Faulet + Fountain Combo, Sampled Fountain	A)
10/13/16	0535	5065 - 101316 - 145-001 -B	L	In room Hallway	Same as above	AA
10/13/16	Ü534	5065 - 101316 - jas-001 - C	L	In room Hallway	Same as a bove IN:+:41 Duplicate	An
10/13/16	0540	5065 - 101316 - TL-COI - A	teachers 4.4 Lounse	Hallman	Only sink in from Fault Dripping on Arrival	M
10/13/16	0541	5065 - 101316 - TL - 00   - B	4.4	In room Hallway	Sameasabore	A)
10/13/16		5065 - 101316 -		ln room Hallway		

FACILITY NAME: SAGAMORE H

SAGAMORE HILLS ELEMENTARY FACILITY

FACILITY ID: 5065

ADDRESS: 1865 Alderbrook Road Atlanta, GA, 30345

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
10/13/16	0547	5065 - 101316 - DF-003-A	2	In room Hallway	Elkay, short fountain on fight	AI
10/13/16	0545	5065 - 101316 - DF-003-B	2	In room Hallway	Same as above	A1
10/13/16	0551	5065 - 101316 - DF-GG4-A	2	In room Hallway	on Left	A
10/13/16	GSSZ	5065 - 101316 - DF- BG4-B	2	In room Hallway	same as above	A
10/13/16	0613	5065 - 101316 - SC - GO) - A		In room Hallway	2 meters, sampled newer meter Meter # 65315485 Dellah Wheeshed sample ID = 29	A
10/13/16		5065 - 101316 -		In room Hallway		
10/13/16		5065 - 101316 -		In room Hallway		
10/13/16		5065 - 101316 -		In room Hallway		
10/13/16		5065 - 101316 -		In room Hallway		
10/13/16		5065 - 101316 -		In room Hallway		

FACILITY NAME: SAGAMORE HILLS ELEMENTARY FACILITY

FACILITY ID: 5065

ADDRESS: 1865 Alderbrook Road Atlanta, GA, 30345

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
10/13/16	0501	5065 - 101316 - CS-001 - M	Cafelita	A Hallway	food prep next to	LH
10/13/16	12.05	5065 - 101316 - CS-001-B		In room Hallway	() //	UH
10/13/16	0457	5065 - 101316 - IM-001-A	T	In room Hallway	produgy pus	LA
10/13/16	0533	5065 - 101316 - DF-001 - M	Rn 16	In room Hallway	upper left Ellary Wall M.	UH
10/13/16	0534	5065 - 101316 - DF - OUI-B	N D	In room Hallway	N [/	UH
10/13/16	0536	5065 - 101316 - DF-002-14	N 7	In room Hallway	Wallin. Eikery	UH
10/13/16	0537	5065 - 101316 - DE - DOZ-B	IX 1)	in room Hallway		UH
10/13/16	0545	5065 - 101316 - DF-008-A	by RM	In room Hallway	wall mont.	4
10/13/16	0546	5065 - 101316 - DE - 008-B	() //	In room Hallway		H
10/13/16		5065 - 101316 -		In room Hallway		

FACILITY NAME: SAGAMORE HILLS ELEMENTARY FACILITY

FACILITY ID: 5065

ADDRESS: 1865 Alderbrook Road Atlanta, GA, 30345

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
10/13/16	0520	5065 - 101316 - DE-DII - A	outside Sym entrance	In room Hallway	upper right Df	Ut
10/13/16	0521	5065 - 101316 - DE-DII-B	L.	In room Hallway	×	UH
10/13/16	0526	5065 - 101316 - DE- DIZ-A	gym	In room Hallway	were mant Ellay	UL
10/13/16	0527	5065 - 101316 - $D - D - D - B$	$\chi$ ()	In room Hallway	χ <sup>(</sup> //	Ut
10/13/16	0529	5065 - 101316 - DF - DI 3- A	N 1)	In room Hallway	NE Wall Mount	tt
10/13/16	0530	5065 - 101316 - DF-D13-B	$\chi = b$	In room Hallway		H
10/13/16	050 W	5065 - 101316 - DF - D12 - M	cafe	In room Hallway	wallmound	LA
10/13/16	0507	5065 - 101316 - O E-DIU-B	1	in room Hallway	N 12	Щ
10/13/16	0511	5065 - 101316 - 0 - 015 - 4		In room Hallway	Ioner Right Elkay	UI
10/13/16	0512	5065 - 101316 - DE-015-B	M	In room Hallway	II. ()	LH

FACILITY NAME: SAGAMORE HILLS ELEMENTARY FACILITY

FACILITY ID: 5065

ADDRESS: 1865 Alderbrook Road Atlanta, GA, 30345

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
10/13/16	0548	5065 - 101316 - DF-009-14	oy Rm 21	In room Hallway	upper ngirt Elkan Walt mart	LH
10/13/16	0549	5065 - 101316 - DE-009-B	( <u>\</u> ]	In room Hallway	N V	UH
10/13/16	0551	5065 - 101316 - DE-DON-VA	byRm	In room Hallway	Single Elkary Df (Sall Minut	LA
10/13/16	0552	5065 - 101316 - DE-007-B	u v	In room Hallway		UA
10/13/16	02.23	5065 - 101316 - D (- ひい ) - C	л <i>П</i>	In room Hallway	flush Quo	UH
10/13/16	0540	5065 - 101316 - RS-DD I- A	Boy's RR across fron 18	In room Hallway	far left sink	Ltt
10/13/16	0541	5065 - 101316 - RS-001-B	W P	In room Hatlway	W ))	H
10/13/16	0518	5065 - 101316 - OF - OID-H	artside Bym. ertrai	In room Hallway	laver left DE	M
10/13/16	0519	5065 - 101316 - DE-010-B	- Charles - Char	In room Hallway		H
10/13/16		5065 - 101316 -		ln room Hallway		

FACILITY NAME: SAGAMORE HILLS ELEMENTARY FACILITY

FACILITY ID: 5065

ADDRESS: 1865 Alderbrook Road Atlanta, GA, 30345

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
3/28/17	445	5065 - 032817 - SC-COL-A	Kitchen	In room Hallway Outside	to kft of loading dock outside benind kitchen	A7
3/28/17		5065 - 032817 -		in room Hallway		
3/28/17		5065 - 032817 -		in room Hallway		
3/28/17		5065 - 032817 -		In room Hallway		
3/28/17		5065 - 032817 -		In room Hallway		
3/28/17		5065 - 032817 -		In room Hallway		
3/28/17		5065 - 032817 -		in room Hallway		
3/28/17		5065 - 032817 -		ln room Hallway		
3/28/17		5065 - 032817 -		in room Haliway		
3/28/17		5065 - 032817 -		in room Hallway		

# ATTACHMENT B

# **AES Laboratory Analytical Report**



## Leona Miles

From:	NoReply@aesatlanta.net
Sent:	Thursday, October 27, 2016 3:10 PM
То:	leona-miles@aem-net.com; tim-royer@aem-net.com
Subject:	DCSD - 5065
Attachments:	1610A19_REPORT.pdf; 1610A19Invoice.pdf

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

**AES Reporting System** 

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

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October 27, 2016

Leona Miles Atlanta Environmental Mgmt 2580 NE Expressway Atlanta GA 30345

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

RE: DCSD - 5065

Dear Leona Miles:

Order No: 1610A19

Analytical Environmental Services, Inc. received 52 samples on 10/13/2016 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.

-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



3080 Presidential Drive, Atlanta GA 30340-3704

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

Date: 0/13/16 Page 1 of 4

COMPANY:		ADDRESS:				Τ				TAT	Vere		TOTT	D				
	Atlanta Environmental Management, Inc	2580 North			ay, NE				۸۲ —		19191		ESTE	U			Visit our website	
		Atlanta, G	A 30345			200.8											www.aesatlanta.com	
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9	5065-101316-DF-005-A 🗸	10/13/2016 0549	X		DW	X				Τ								JANIS
10	5065-101316-DF-005-В 🗸	10/13/2016 0500	X		DW	X												
11	5065-101316-DF-006-A 🗸	10/13/2016 0502	X		DW	X												l,
12	5065-101316-DF-006-В 🗸	10/13/2016 0 503	X		DW	X				T								-
13	5065-101316-DF-007-A 🗸	10/13/2016 0551	X		DW	X				Τ								i pandi
14	5065-101316-DF-007-B	10/13/2016 0552	X		DW	X												wik
15	5065-101316-DF-007-C 🗸	10/13/2016 0553	X		DW	X				T								
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			JPS MAI DTHER	L COU	KIEK	000	TE #:					PC					E-mail? Y/N; Fax? Y/N	n.
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SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.

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

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

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



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Date: 0/3/16 Page 2 of
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COMPANY: Atlanta Environmental Management, Inc	ADDRESS: 2580 Northe	ast Exp	pressw	ay, NE				A	NAL	YSIS	REQU	ESTE	D		 Visit our website	
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рноле: (404) 329-9006	FAX: (404) 329	-2057	7		ethod										your results, place bott	
SAMPLED BY: Andy J-ensen	SIGNATURE: Africa	L			Total Pb Method 200.8										orders, etc.	No # of Containers
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2 5065-101316-DF-008-B 🗸	10/13/2016 0546	X		DW	X											
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₅ 5065-101316-DF-010-A V	10/13/2016 0518	X		DW	X											-
6 5065-101316-DF-010-B √	10/13/2016 0519	X		DW	X											
7 <b>5065-101316-DF-011-A</b> √	10/13/2016 0520	X		DW	X							Τ				**pppanet**
8 5065-101316-DF-011-B ✓	10/13/2016 0 521	X		DW	X											
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13 5065-101316-KS-001-A ×	10/13/2016 (3533	X		DW	X											(
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SPECIAL INSTRUCTIONS/COMMENTS:	SHIPMENT	METHO VIA;	DD		INVC	DICE TO	:							- , • ,	 Same Day Rush (auth re Other: 10 business Days	
Preserve at the Lab per protocol	IN THE L	VIA: S MAI	L COU	JRIER		leona-m	niles@	aem-no	t.com	; tim-re	oyer@a	iem-net	t.com		STATE PROGRAM (if any): E-mail? Y / N; Fax? Y / N	1
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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.

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

PRESERVATIVE CODES: H+1 = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None



3080 Presidential Drive, Atlanta GA 30340-3704

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

Date:	10/13/16	Page	3	of
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COMPANY:	Atlanta Environmental Management, Inc	ADDRESS: 2580 Northe	ast Exp	presswa	ıy, NE				A	NAL	YSIS	REQU	ESTEC	)		Visit our website	
		Atlanta, GA	30345			00.8										www.aesatlanta.com	
PHONE:	(404) 329-9006	FAX: (404) 329	-2057	7		thod 2										to check on the status of your results, place bottle	
SAMPLED BY:	And Seusen	SIGNATURE				Total Pb Method 200.8										orders, etc.	# of Containers
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3	5065-101316-KS-003-A √	10/13/2016 0523	X		DW	X										······································	/
4	5065-101316-KS-003-B √	10/13/2016 0524	X		DW	X											(
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6	5065-101316-KS-004-B √	10/13/2016 0514	X		DW	X											ł
7	5065-101316-KS-005-A 🗸	10/13/2016 0519	X		DW	Х											t
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Preserve at the L	ab per protocol	IN CLIENT Fadex UF	VIA: PS MAI	L COU	RIER		leona	-miles@	i)aem-r	iet.com	; tim-ro	oyer@a	em-net.c	om		STATE PROGRAM (if any): E-mail? Y / N; Fax? Y / N	_
		GREYHOUND O	THER			QUO	TE #:					РО	#:			DATA PACKAGE: I II III	IV
	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS R DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT	ECEIVED ON THE NEXT BUS	SINESS I	•				N COC	CAES	WILL	PROC			NDARE	) TAT.	DATA PACKAGE: I II III	IV

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# Date: 10/13/16 Page 4 of 4

COMPANY:	Atlanta Environmental Management, Inc	ADDRESS:	2580 Northe			ay, NE					ANA	LYSI	S REC	UEST	ED		_ \	isit our website	
			Atlanta, GA	30345			Method 200.8											w.aesatlanta.com eck on the status of	
PHONE:	(404) 329-9006	FAX:	(404) 329	-2057	7		ethod										your	results, place bottle	iners
SAMPLED BY:	And Jensen	SIGNATURE:	Arres	>~~			Total Pb M											orders, etc.	No # of Containers
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"	SAMELE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	I					ERCON						REMARKS	
1	5065-101316-CS-001-B ✓	10/13/2016	0502	X		DW	X		1										1
2	5065-101316-IM-001-A 🗸	10/13/2016	0457	X		DW	Ý												l
3	5065-101316-SC-001-A 🗸	10/13/2016	0613	X		DW	K		1										-
4	5065-101316-DF-014-A V	10/13/16	0506	X		PW	X		Τ										yang t
5	5065-101316-DF-014-BV	10/13/16	0567	X		DW	Y												ł
6	5065-101316-DE-015-AV	10/3/16	0511	X		5W	Y												ż
7	5065-101316- DE-015-BV	10/13/16	OSIZ	4		DW	Y	(											erelli.
8		L																	
9																			
10																		-	
11																			
12							_												
13																			
14								_											
15																	_		
relinquished 1: MMG	<u>ΒΥ</u> <u>DATE/TIME</u> ΔΔΤΕ/ΤΙΜΕ ΔΔΤΕ/ΤΙΜΕ	RECEIVED B	v W <i>Rawa</i>	r	10/	DATE/TIME 3/14 :/0#U		DJECT	NAME	l:	PRO.		INFOI	<u>EMAT</u>	ON			RECEIPT Total # of Containers	
2: <i>7</i> 3:		2:						DJECT E ADD					1601 5065				00	<u>Turnaround Time Request</u> Standard 5 Business Days 2 Business Day Rush	
							SEI	D REI	PORT 1	ГO:	Leo	na N	liles	and '	Гim Royer	•	] Õ	Next Business Day Rush	
SPECIAL INSTRU	UCTIONS/COMMENTS:	OUT /	SHIPMENT /	T METHO VIA:	DD			OICE	TO: RENT I	FROM	ABO	VE)						Same Day Rush (auth req. Other: 10 business Days	)
Preserve at the L	ab per protocol				l COU	JRIER			a-miles	@aem	-net.co	om; tim	-		et.com		E-mail?	PROGRAM (if any): Y / N; Fax? Y / N	-
	EIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS			THER				OTE #:						PO#:			DATA	PACKAGE: 1 II III	IV

#### 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+1= Hydrochloric acid + ice I = lce only N = Nitric acid S+1 = Sulfuric acid + ice S/M+1 = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-001-A	
Project Name:	DCSD - 5065					Collection	n Date:	10/13/201	16 5:33:00 AM	
Lab ID:	1610A19-001					Matrix:		Drinking	Water	
Analyzaa			Result	Reporting	Qual	Units	BatchID	Dilution	Data Analyzad	Analyst
Analyses			Kesult	Limit	Qual	Units	DatemD	Factor	Date Analyzed	Analyst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	231481	1	10/21/2016 18:00	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-001-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:34:00 AM	
Lab ID:	1610A19-002					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	Datemin	Factor	Date Analyzeu	Analyst
<b>Frace Element</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	23148	1	10/21/2016 18:16	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-002-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:36:00 AM	
Lab ID:	1610A19-003					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesun	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analyst
<b>Frace Element</b>	s by ICP/MS	E200.8				(Ež	200.2)			
Lead			BRL	1.00		ug/L	231481	1	10/21/2016 18:19	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:	27-Oct-16	
Client: Atlanta Environmental Mgmt						Client Sa	mple ID:	316-DF-002-B		
<b>Project Name:</b>	DCSD - 5065		<b>Collection Date:</b> 10/13/20				16 5:37:00 AM			
Lab ID:	1610A19-004				Matrix:			Drinking Water		
A			D14	Reporting	0	Units	BatchID	Dilution	l Data Analyzad	
Analyses			Result	Limit	Qual	Units	Datemin	Factor	Date Analyzed	Analyst
<b>Frace Element</b>	s by ICP/MS	E200.8	(E200.2)							
Lead			BRL	1.00		ug/L	23148	1	10/21/2016 18:22	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:	27-Oct-16	
Client: Atlanta Environmental Mgmt						<b>Client Sample ID:</b> 5065-101316-DF-003-A				
<b>Project Name:</b>	DCSD - 5065			<b>Collection Da</b>		n Date:	10/13/201	16 5:47:00 AM		
Lab ID:	1610A19-005					Matrix:		Drinking	Water	
A			B	Reporting	0	Units	BatchID	Dilution	l Data Analyzad	
Analyses			Result	Limit	Qual	Units	Datemin	Factor	Date Analyzed	
<b>Frace Elements</b>	s by ICP/MS	E200.8	(E200.2)							
Lead			BRL	1.00		ug/L	23148	l 1	10/21/2016 18:31	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:	27-Oct-16	
Client: Atlanta Environmental Mgmt						<b>Client Sample ID:</b> 5065-101316-DF-003-B				
<b>Project Name:</b>	DCSD - 5065		Collection Date: 10/13/2016				16 5:48:00 AM			
Lab ID:	1610A19-006					Matrix:		Drinking Water		
A			Result	Reporting	Oual	Units	BatchID	Dilution	Data Analyzad	
Analyses			Kesuit	Limit	Quai		Batchind	Factor	Date Analyzed	Anaryst
<b>Frace Element</b>	s by ICP/MS	E200.8	(E200.2)							
Lead			BRL	1.00		ug/L	231481	1	10/21/2016 18:34	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-004-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	6 5:51:00 AM	
Lab ID:	1610A19-007					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
-				Limit				Factor	-	
<b>Frace Element</b>	s by ICP/MS	E200.8				(E2	200.2)			
Lead										

## \* 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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-004-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:52:00 AM	
Lab ID:	1610A19-008					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
<b>Frace Element</b>	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	231481	1	10/21/2016 18:40	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-005-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/20	16 5:49:00 AM	
Lab ID:	1610A19-009					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
<b>Frace Element</b>	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	231481	1	10/21/2016 18:43	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-005-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:00:00 AM	
Lab ID:	1610A19-010					Matrix:		Drinking	Water	
Analyzag			Result	Reporting	Oual	Units	BatchID	Dilution	Data Analyzad	Analyst
Analyses			Kesun	Limit	Quai	Units	Batchild	Factor	Date Analyzed	Analyst
<b>Frace Element</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	231481	. 1	10/21/2016 18:46	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-006-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/20	16 5:02:00 AM	
Lab ID:	1610A19-011					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analysi
<b>Frace Element</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	231481	1	10/21/2016 18:10	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-006-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:03:00 AM	
Lab ID:	1610A19-012					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analyst
<b>Frace Element</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	231481	1	10/21/2016 18:49	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-007-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:51:00 AM	
Lab ID:	1610A19-013					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analyst
<b>Frace Element</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	231481	1	10/21/2016 18:52	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-007-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:52:00 AM	
Lab ID:	1610A19-014					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analyst
<b>Frace Element</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	231481	1	10/21/2016 18:55	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-007-C	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:53:00 AM	
Lab ID:	1610A19-015					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesun	Limit	Quai	Units	Datemin	Factor	Date Analyzeu	Anaryst
<b>Frace Element</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	23148	1	10/21/2016 18:58	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-008-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/20	16 5:45:00 AM	
Lab ID:	1610A19-016					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Kesun	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analysi
<b>Frace Element</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	231481	1	10/21/2016 19:07	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-008-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:46:00 AM	
Lab ID:	1610A19-017					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesun	Limit	Quai	Units	Datemin	Factor	Date Analyzeu	Analyst
<b>Frace Element</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	23148	1	10/21/2016 19:10	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-009-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:48:00 AM	
Lab ID:	1610A19-018					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	Datemin	Factor	Date Analyzeu	Analyst
<b>Frace Element</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	23148	1	10/21/2016 19:13	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-009-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:49:00 AM	
Lab ID:	1610A19-019					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	Datemin	Factor	Date Analyzeu	Anaryst
<b>Frace Element</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	23148	1	10/21/2016 19:16	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-010-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/20	16 5:18:00 AM	
Lab ID:	1610A19-020					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
				Limit	<b>x</b>			Factor		j~
<b>Frace Elements</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			1.58	1.00		ug/L	231481	1	10/21/2016 19:19	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-010-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/20	16 5:19:00 AM	
Lab ID:	1610A19-021					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
111119 000			Ittoatt	Limit	¥	emis	Duttil	Factor	2	
<b>Frace Elements</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			1.41	1.00		ug/L	231489	) 1	10/21/2016 19:28	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-011-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:20:00 AM	
Lab ID:	1610A19-022					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Tinuty Ses			ncoun	Limit	Zum	Cints	Dutthi	Factor	Dute MulyZeu	
<b>Frace Elements</b>	s by ICP/MS	E200.8				(Ež	200.2)			
Lead			3.29	1.00		ug/L	231489	) 1	10/21/2016 19:49	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-011-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:21:00 AM	
Lab ID:	1610A19-023					Matrix:		Drinking	Water	
Analysas			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Result	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
<b>Frace Elements</b>	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	231489	) 1	10/21/2016 19:53	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-012-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:26:00 AM	
Lab ID:	1610A19-024					Matrix:		Drinking	Water	
Analysas			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analyst
Frace Elements	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	231489	) 1	10/21/2016 19:56	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-012-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:27:00 AM	
Lab ID:	1610A19-025					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
<b>Frace Element</b>	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	231489	) 1	10/21/2016 19:59	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-013-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:29:00 AM	
Lab ID:	1610A19-026					Matrix:		Drinking	Water	
Analysas			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analyst
<b>Frace Element</b>	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	231489	) 1	10/21/2016 20:02	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-013-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:30:00 AM	
Lab ID:	1610A19-027					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Result	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
<b>Frace Elements</b>	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	231489	) 1	10/21/2016 20:05	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-KS-001-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:33:00 AM	
Lab ID:	1610A19-028					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analyst
<b>Frace Element</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	231489	) 1	10/21/2016 20:08	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-KS-001-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:35:00 AM	
Lab ID:	1610A19-029					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
<b>Frace Element</b>	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	231489	) 1	10/21/2016 20:11	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-KS-001-C	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:34:00 AM	
Lab ID:	1610A19-030					Matrix:		Drinking	Water	
Amalwaaa			Result	Reporting	Oual	Units	BatchID	Dilution	Data Analyzad	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzed	
<b>Frace Element</b>	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	231489	) 1	10/21/2016 20:20	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-KS-002-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:28:00 AM	
Lab ID:	1610A19-031					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesun	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
<b>Frace Element</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	231489	) 1	10/21/2016 19:43	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviror	nmental Mgmt				Client Sa	mple ID:	5065-101	316-КЅ-002-В	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:29:00 AM	
Lab ID:	1610A19-032					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
Analyses			Kesun	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anarysi
<b>Frace Element</b>	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	231489	) 1	10/21/2016 20:23	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-KS-003-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/20	16 5:23:00 AM	
Lab ID:	1610A19-033					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesun	Limit	Quai	Units	DattinD	Factor	Date Analyzeu	Anaryst
<b>Frace Element</b>	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	231489	) 1	10/21/2016 20:26	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-KS-003-B	
<b>Project Name:</b>	DCSD - 5065					Collection	Date:	10/13/201	16 5:24:00 AM	
Lab ID:	1610A19-034					Matrix:		Drinking	Water	
Analysas			Result	Reporting	Qual	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			BRL	1.00		ug/L	231489	) 1	10/21/2016 20:29	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-KS-004-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:13:00 AM	
Lab ID:	1610A19-035					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
-				Limit	_			Factor	-	
<b>Frace Elements</b>	s by ICP/MS	E200.8				(E2	200.2)			
Lead			2.63	1.00		ug/L	231489	) 1	10/21/2016 20:32	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-KS-004-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/20	16 5:14:00 AM	
Lab ID:	1610A19-036					Matrix:		Drinking	Water	
Analysas			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesult	Limit	Quai	Units	Batchild	Factor	Date Analyzed	Analyst
<b>Frace Elements</b>	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	231489	) 1	10/21/2016 20:35	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-KS-005-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	6 5:19:00 AM	
Lab ID:	1610A19-037					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
1111119 000			Ittourt	Limit	¥	e into	DuveninD	Factor	2	
<b>Frace Element</b>	s by ICP/MS	E200.8				(Ež	200.2)			
Lead			BRL	1.00		ug/L	231489	) 1	10/21/2016 20:38	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-KS-005-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:20:00 AM	
Lab ID:	1610A19-038					Matrix:		Drinking	Water	
Analysas			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	Batchild	Factor	Date Analyzed	Analyst
<b>Frace Elements</b>	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	231489	) 1	10/21/2016 20:41	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:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-KS-006-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/20	16 5:08:00 AM	
Lab ID:	1610A19-039					Matrix:		Drinking	Water	
Analysas			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			BRL	1.00		ug/L	231489	) 1	10/21/2016 20:44	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-KS-006-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:09:00 AM	
Lab ID:	1610A19-040					Matrix:		Drinking	Water	
Amalwaaa			Result	Reporting	Oual	Units	BatchID	Dilution	Data Analyzad	Analyst
Analyses			Kesun	Limit	Quai	Units	Batchild	Factor	Date Analyzed	Analyst
<b>Frace Element</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	231489	) 1	10/21/2016 20:47	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-RS-001-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	6 5:40:00 AM	
Lab ID:	1610A19-041					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
1 mary 505			Result	Limit	Zuui	Cints	Dutthi	Factor	Dute MulyZeu	
<b>Frace Element</b>	s by ICP/MS	E200.8				(Ež	200.2)			
Lead			BRL	1.00		ug/L	231664	l 1	10/25/2016 17:06	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-RS-001-B	
<b>Project Name:</b>	DCSD - 5065					Collectior	n Date:	10/13/201	16 5:41:00 AM	
Lab ID:	1610A19-042					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analysi
				Limit	<b>C</b>			Factor		
<b>Frace Element</b>	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	231664	1	10/25/2016 17:27	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-TL-001-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/20	16 5:40:00 AM	
Lab ID:	1610A19-043					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
<b>Frace Element</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	231664	4 1	10/25/2016 17:30	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

Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-TL-001-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:41:00 AM	
Lab ID:	1610A19-044					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analyst
<b>Frace Element</b>	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	231664	4 1	10/25/2016 17:33	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

Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-CS-001-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/20	16 5:01:00 AM	
Lab ID:	1610A19-045					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Anaryst
<b>Frace Element</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	231664	4 1	10/25/2016 17:36	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-CS-001-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:02:00 AM	
Lab ID:	1610A19-046					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
1 mary 505			Result	Limit	Zum	emits	Dutthi	Factor	Dute I mulyZeu	
<b>Frace Element</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	231664	4 1	10/25/2016 17:39	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

Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-IM-001-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 4:57:00 AM	
Lab ID:	1610A19-047					Matrix:		Drinking	Water	
Analyses			Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements	s by ICP/MS	E200.8				(Ež	200.2)			
Lead			BRL	1.00		ug/L	231664	l 1	10/25/2016 17:42	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

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Analytical En	vironmental Service	es, Inc					Date:	27-Oct-16	
Client:	Atlanta Environmental N	Mgmt			Client Sa	mple ID:	5065-101	316-SC-001-A	
<b>Project Name:</b>	DCSD - 5065				Collection	n Date:	10/13/201	16 6:13:00 AM	
Lab ID:	1610A19-048				Matrix:		Drinking	Water	
Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Frace Elements</b>	s by ICP/MS E200.8	}			(Ež	200.2)			
Lead		27.8	1.00		ug/L	231664	l 1	10/25/2016 17:45	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-014-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/20	16 5:06:00 AM	
Lab ID:	1610A19-049					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analyst
<b>Frace Element</b>	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	231664	4 1	10/25/2016 17:48	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

Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-014-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	16 5:07:00 AM	
Lab ID:	1610A19-050					Matrix:		Drinking	Water	
Amalwaaa			Result	Reporting	Oual	Units	BatchID	Dilution	Data Analyzad	Analyst
Analyses			Kesun	Limit	Quai	Units	Batchild	Factor	Date Analyzed	Analyst
<b>Frace Element</b>	s by ICP/MS	E200.8				<b>(E</b> 2	200.2)			
Lead			BRL	1.00		ug/L	231664	<b>i</b> 1	10/25/2016 17:52	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-015-A	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/20	16 5:11:00 AM	
Lab ID:	1610A19-051					Matrix:		Drinking	Water	
Analyses			Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements	s by ICP/MS	E200.8				(Ež	200.2)			
Lead			BRL	1.00		ug/L	231664	4 1	10/25/2016 17:15	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

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Analytical En	vironmental	Services, Inc						Date:	27-Oct-16	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-101	316-DF-015-B	
<b>Project Name:</b>	DCSD - 5065					Collection	n Date:	10/13/201	6 5:12:00 AM	
Lab ID:	1610A19-052					Matrix:		Drinking	Water	
Analyses			Result	Reporting	Oual	Units	BatchID	Dilution	Date Analyzed	Analyst
Analyses			Kesuit	Limit	Quai	Units	DatemD	Factor	Date Analyzeu	Analyst
<b>Frace Elements</b>	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	231664	l 1	10/25/2016 18:01	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

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## Analytical Environmental Services, Inc.

# Sample/Cooler Receipt Checklist

Client Allauto Env. MGMT		Work Order	Number	1610A19
Checklist completed by <u>Mar fore</u> <u>10</u> /1 Signature Date	3/2014			
Carrier name: FedEx UPS Courier Client US	Mail Other	·		
Shipping container/cooler in good condition?	Yes _	No	Not Present	-
Custody seals intact on shipping container/cooler?	Yes _	No	Not Present	-
Custody seals intact on sample bottles?	Yes	No	Not Present <u>–</u>	
Container/Temp Blank temperature in compliance? (0°≤6°C)*	Yes	No		
Cooler #1 2.3°C Cooler #2 Cooler #3	_ Cooler #4	Coo	ler#5	Cooler #6
Chain of custody present?	Yes	No		
Chain of custody signed when relinquished and received?	Yes _	No		
Chain of custody agrees with sample labels?	Yes 🗹	No		
Samples in proper container/bottle?	Yes 🗹	No		
Sample containers intact?	Yes 🗹	No		
Sufficient sample volume for indicated test?	Yes 🗹	No		
All samples received within holding time?	Yes _	No		
Was TAT marked on the COC?	Yes	No		
Proceed with Standard TAT as per project history?	Yes	No	Not Applicab	le
Water - VOA vials have zero headspace? No VOA vials su	ibmitted	Yes	No	
Water - pH acceptable upon receipt?	Yes	No	Not Applicab	le
Adjusted?	Che	cked by	mJ	-
Sample Condition: Good <u> </u> Other(Explain)				_
(For diffusive samples or AIHA lead) Is a known blank include	led? Yes	N	Io V	

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

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

 $\label{eq:lambda} \label{eq:lambda} \label{eq:$ 

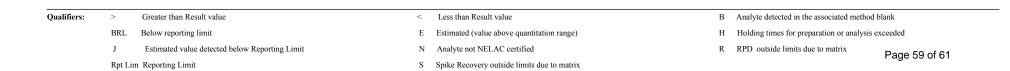
Date: 27-Oct-16

Client:Atlanta Environmental MgmtProject Name:DCSD - 5065Workorder:1610A19

# ANALYTICAL QC SUMMARY REPORT

#### BatchID: 231481

Sample ID: MB-231481 SampleType: MBLK	Client ID:	Trace Elements by ICP/M	1S E200.8		Uni	ts: <b>ug/L</b> chID: <b>231481</b>	Prep I	Date: 10/2 rsis Date: 10/2	1/2016	Run No: <b>328141</b>
SampleType. MBLK	TestCode.	Trace Elements by ICI/IV	15 E200.0		Dau	CHID. 231481	Anary	sis Date. $10/2$	1/2016	Seq No: 7118850
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit Qual
Lead	BRL	1.00								
Sample ID: LCS-231481	Client ID:				Uni	ts: ug/L	Prep I	Date: 10/2	1/2016	Run No: 328141
SampleType: LCS	TestCode:	Trace Elements by ICP/N	1S E200.8		Bat	chID: 231481	Analy	sis Date: 10/2	1/2016	Seq No: 7118851
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit Qual
Lead	97.25	1.00	100.0		97.2	85	115			
Sample ID: 1610A19-001AMS	Client ID:	5065-101316-DF-001	I-A		Uni	ts: ug/L	Prep I	Date: 10/2	1/2016	Run No: 328141
SampleType: MS	TestCode:	Trace Elements by ICP/N	1S E200.8		Bat	chID: 231481	Analy	sis Date: 10/2	1/2016	Seq No: 7118853
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit Qual
Lead	95.58	1.00	100.0		95.6	70	130			
Sample ID: 1610A19-011AMS	Client ID:	5065-101316-DF-006	6-A		Uni	ts: ug/L	Prep I	Date: 10/2	1/2016	Run No: 328141
SampleType: MS	TestCode:	Trace Elements by ICP/N	1S E200.8		Bat	chID: 231481	Analy	rsis Date: 10/2	1/2016	Seq No: 7118856
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit Qual
Lead	96.66	1.00	100.0		96.7	70	130			
Sample ID: 1610A19-001AMSD	Client ID:	5065-101316-DF-001	I-A		Uni	ts: ug/L	Prep I	Date: 10/2	1/2016	Run No: 328141
SampleType: MSD	TestCode:	Trace Elements by ICP/N	1S E200.8		Bate	chID: 231481	Analy	rsis Date: 10/2	1/2016	Seq No: 7118854
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit Qual
Lead	95.93	1.00	100.0		95.9	70	130	95.58	0.363	20



**Date:** 27-Oct-16

Client:Atlanta Environmental MgmtProject Name:DCSD - 5065Workorder:1610A19

# ANALYTICAL QC SUMMARY REPORT

#### BatchID: 231489

Sample ID: MB-231489	Client ID:				Uni	8	•			Run No: 32	
SampleType: MBLK	TestCode:	Trace Elements by ICP/M	1S E200.8		Bat	chID: 231489	Ana	lysis Date: 10	/21/2016	Seq No: 71	18889
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Va	ıl %RPD	RPD Li	mit Qual
Lead	BRL	1.00									
Sample ID: LCS-231489	Client ID:				Uni	ts: ug/L	Prep	Date: 10	/21/2016	Run No: 32	8142
SampleType: LCS	TestCode:	Trace Elements by ICP/M	1S E200.8		Bat	chID: 231489	Ana	lysis Date: 10	/21/2016	Seq No: 71	18890
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Va	l %RPD	RPD Li	mit Qual
Lead	97.87	1.00	100.0		97.9	85	115				
Sample ID: 1610A19-021AMS		5065-101316-DF-010			Uni	ts: ug/L	Prep	Date: 10	/21/2016	Run No: 32	8142
SampleType: MS	TestCode:	Trace Elements by ICP/N	1S E200.8		Bat	chID: 231489	Ana	lysis Date: 10	/21/2016	Seq No: 71	18892
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Va	ıl %RPD	RPD Li	mit Qual
Lead	95.38	1.00	100.0	1.413	94.0	70	130				
Sample ID: 1610A19-031AMS	Client ID:	5065-101316-KS-002	2-A		Uni	its: ug/L	Prep	Date: 10	/21/2016	Run No: 32	8142
SampleType: MS	TestCode:	Trace Elements by ICP/N	1S E200.8		Bat	chID: 231489	Ana	lysis Date: 10	/21/2016	Seq No: 71	18897
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Va	l %RPD	RPD Li	mit Qual
Lead	96.24	1.00	100.0		96.2	70	130				
Sample ID: 1610A19-021AMSD	Client ID:	5065-101316-DF-010	)-B		Uni	its: ug/L	Prep	Date: 10	/21/2016	Run No: 32	8142
SampleType: MSD	TestCode:	Trace Elements by ICP/M	1S E200.8		Bat	chID: 231489	Ana	lysis Date: 10	/21/2016	Seq No: 71	18893
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Va	ıl %RPD	RPD Li	mit Qual
Lead	99.15	1.00	100.0	1.413	97.7	70	130	95.38	3.88	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 60 of 61 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

**Date:** 27-Oct-16

Client:Atlanta Environmental MgmtProject Name:DCSD - 5065Workorder:1610A19

# ANALYTICAL QC SUMMARY REPORT

#### BatchID: 231664

Sample ID: <b>MB-231664</b>	Client ID:		KG		Uni	8	Prep I		5/2016	Run No: 3	
SampleType: MBLK	TestCode:	Trace Elements by ICP/M	1S E200.8		Bat	chID: 231664	Analy	sis Date: 10/25	5/2016	Seq No: 7	121276
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-231664	Client ID:				Uni	ts: ug/L	Prep I	Date: 10/2	5/2016	Run No: 3	28242
SampleType: LCS	TestCode:	Trace Elements by ICP/N	1S E200.8		Bat	chID: 231664	Analy	sis Date: 10/2	5/2016	Seq No: 7	121277
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD L	imit Qual
Lead	103.1	1.00	100.0		103	85	115				
Sample ID: 1610A19-041AMS		5065-101316-RS-001			Uni	ts: ug/L	Prep I	Date: 10/2	5/2016	Run No: 3	28242
SampleType: MS	TestCode:	Trace Elements by ICP/N	1S E200.8		Bat	chID: 231664	Analy	sis Date: 10/2	5/2016	Seq No: 7	121279
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD L	imit Qual
Lead	99.88	1.00	100.0	0.07230	99.8	70	130				
Sample ID: 1610A19-051AMS	Client ID:	5065-101316-DF-015	5-A		Uni	ts: ug/L	Prep I	Date: 10/2	5/2016	Run No: 3	28242
SampleType: MS	TestCode:	Trace Elements by ICP/N	1S E200.8		Bat	chID: 231664	Analy	sis Date: 10/2	5/2016	Seq No: 7	121284
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD L	imit Qual
Lead	101.2	1.00	100.0	0.07949	101	70	130				
Sample ID: 1610A19-041AMSD	Client ID:	5065-101316-RS-001	-A		Uni	ts: ug/L	Prep I	Date: 10/2	5/2016	Run No: 3	28242
SampleType: MSD	TestCode:	Trace Elements by ICP/M	1S E200.8		Bat	chID: 231664	Analy	vsis Date: 10/2	5/2016	Seq No: 7	121280
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD L	imit Qual
Lead	105.6	1.00	100.0	0.07230	106	70	130	99.88	5.58	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 61 of 61 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

# Leona Miles

From:	NoReply@aesatlanta.net
Sent:	Tuesday, April 11, 2017 10:44 AM
То:	leona-miles@aem-net.com; tim-royer@aem-net.com
Subject:	DCSD - 5065
Attachments:	1703O11_REPORT.pdf; 1703O11Invoice.pdf

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

**AES Reporting System** 

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

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# **ANALYTICAL ENVIRONMENTAL SERVICES, INC.**



April 11, 2017 Leona Miles Atlanta Environmental Mgmt 2580 NE Expressway

Atlanta GA 30345

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

RE: DCSD - 5065

Dear Leona Miles:

Order No: 1703O11

Analytical Environmental Services, Inc. received 1 samples on 3/28/2017 8:04:00 AM for the analyses presented in following report.

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

AES's accreditations are as follows:

-NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17. -NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.

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

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

IDana) Pacurar

Ioana Pacurar Project Manager



# ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

AES TEL.: (770) 457-8177 / TOLL-FREE (800)		7-8188							Date: 3	[28/] Page of
Atlanta Environmental Management, Inc	Address 2580 Northcast Atlanta, GA 3	EXPI 0345	ressu	Uny, NO	TUNS -	ANA	LYSIS REQI	JESTED		Visit our website www.aesatlanta.com
PHONE: 404 329-9006 SAMPLED BY:	FAX: 404 329 SIGNATURE	-265	7		otal P. Nolusi					to check on the status of your results, place bottle orders, etc.
# SAMPLE ID	SAMPLED DATE TIME	Grab	Composite	Matrix (See codes)	H Color	PRES	ERVATION (S	See codes)		REMARKS
1 5065-032817-52-001-A	3/28/17 0445	X		DW	X					1
3 4										
5										
8 9										
10 11										
12 13										
14 RELINQUISHED BY DATE/TIME 1: Afusu Gizsin 0804	RECEIVED BY	34		DATE/TIME	PROJECT N	AME:	JECT INFOR	MATION		RECEIPT Total # of Containers
3:	2:				SITE ADDR	1561-1 ESS: 50	601	- 1-10		Turnaround Time Request         Standard 5 Business Days         2 Business Day Rush         Next Business Day Rush
SPECIAL INSTRUCTIONS/COMMENTS: PRESERVE at leb PER Protocol	SHIPMENT OUT / / IN / CLIENT FedEx UT OREYHOUND OT	VIA: VIA:		RIER	SEND REPORT TO: Lona Miles + Tim Rayer INVOICE TO: (IF DIFFERENT FROM ABOVE) I cong-miles@acm-net.com tim-royer@acm-net.com QUOTE #:					Same Day Rush (auth req.) Other 10 business Day Rush STATE PROGRAM (if any): E-mail? Y/N, Fax? Y/N DATA PACKAGE: I II IV
SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CO SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLE	ONSIDERED RECEIVED THE TION UNLESS OTHER ARRA	NEXT B NGEME	USINES NTS AR	S DAY, IF TI E MADE,	IRNAROUNI	D TIME IS NOT	INDICATED,	AES WILL PRO	DCEED WITH	

CHAIN OF CUSTODY

GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water PRESERVATIVE CODES: H+1 = 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

Work Order: 17\$3011

Analytical En	vironmental	Services, Inc						Date:	11-Apr-17	
Client:	Atlanta Enviro	nmental Mgmt				Client Sa	mple ID:	5065-032	2817-SC-001-A	
Project Name:	DCSD - 5065					Collection	1 Date:	3/28/201	7 4:45:00 AM	
Lab ID:	1703O11-001					Matrix:		Drinking	Water	
Analyzaa			Degult	Reporting	Qual	Units	BatchID	Dilution	Data Analyzad	Analyst
Analyses			Result	Limit	Qual	Units	BatchID	Factor	Date Analyzed	Analyst
Trace Elements	s by ICP/MS	E200.8				(E2	200.2)			
Lead			BRL	1.00		ug/L	240548	3 1	04/04/2017 22:37	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



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?	<b> </b> '				
17. Custody seals present on sample containers?	<b> </b> '				
18. Custody seals intact on sample containers?	<b> </b> '				
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?					

Client:Atlanta Environmental MgmtProject Name:DCSD - 5065Workorder:1703O11

# ANALYTICAL QC SUMMARY REPORT

Date:

11-Apr-17

# BatchID: 240548

Sample ID: MB-240548	Client ID:	Turne Elemente ha ICDA	AC 15300.0		Uni	. 9				Run No: <b>340012</b>
SampleType: MBLK	TestCode:	Trace Elements by ICP/N	15 E200.8		Bat	chID: 240548	Ana	alysis Date: (	04/04/2017	Seq No: 7438566
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref V	Val %RPD	RPD Limit Qual
Lead	BRL	1.00								
Sample ID: LCS-240548	Client ID:				Uni	ts: ug/L	Pre	p Date: (	04/04/2017	Run No: 340012
SampleType: LCS	TestCode:	Trace Elements by ICP/N	AS E200.8		Bat	chID: 240548	Ana	alysis Date: (	04/04/2017	Seq No: 7438567
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RPD	RPD Limit Qual
Lead	88.84	1.00	100.0		88.8	85	115			
Sample ID: 1703O11-001AMS	Client ID:	5065-032817-SC-001	l-A		Uni	ts: ug/L	Pre	p Date: (	04/04/2017	Run No: 340012
SampleType: MS	TestCode:	Trace Elements by ICP/N	4S E200.8		Bat	chID: 240548	Ana	alysis Date: (	04/04/2017	Seq No: 7438569
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RPD	RPD Limit Qual
Lead	89.41	1.00	100.0	0.3622	89.0	70	130			
Sample ID: 1703O54-066AMS	Client ID:				Uni	ts: ug/L	Pre	p Date: (	04/04/2017	Run No: 340012
SampleType: MS	TestCode:	Trace Elements by ICP/N	IS E200.8		Bat	chID: 240548	Ana	alysis Date: (	04/04/2017	Seq No: 7438574
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref V	Val %RPD	RPD Limit Qual
Lead	89.04	1.00	100.0	1.549	87.5	70	130			
Sample ID: 1703O11-001AMSD	Client ID:	5065-032817-SC-001	l-A		Uni	ts: ug/L	Pre	p Date: (	04/04/2017	Run No: 340012
SampleType: MSD	TestCode:	Trace Elements by ICP/N	AS E200.8		Bat	chID: 240548	Ana	alysis Date: (	04/04/2017	Seq No: 7438572
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RPD	RPD Limit Qual
Lead	85.75	1.00	100.0	0.3622	85.4	70	130	89.41	4.18	20

Qualifiers:	>	Greater than Result value	<	Less than Result value	В	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 exce	eeded
	J	Estimated value detected below Reporting Limit	Ν	Analyte not NELAC certified	R	RPD outside limits due to matrix	Page 5 of 5
	Rpt Li	m Reporting Limit	s	Spike Recovery outside limits due to matrix			

# ATTACHMENT C

# **Excerpt from Pace Laboratory Analytical Report**





PACE ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis 110 Technology Parkway, Peachtree Corners, GA 30092 (770) 734-4200 FAX (770) 734-4201

Laboratory Report
Prepared For:
DeKalb County Public Works - Doraville 4830 Winters Chapel Rd Doraville, GA 30360
Attention: Ms. Jody Shoemaker
Report Number: AZJ0426 October 24, 2016 Project: School Board Project #:[none]

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Approved:

MZ ( Soton

Project Manager

This report may not be reproduced, except in full, without written approval from Pace Analytical Services, Inc. Pace Analytical Services, Inc. certifies that the following analytical results meet all requirements of the National Environmental Laboratory Accreditation Conference(NELAC). All test results relate only to the samples analyzed.



## PACE ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis 110 Technology Parkway, Peachtree Corners, GA 30092 (770) 734-4200 FAX (770) 734-4201

October 24, 2016

DeKalb County Public Works - Doraville 4830 Winters Chapel Rd Doraville GA, 30360 Attention: Ms. Jody Shoemaker

Report No.: AZJ0426 Client ID: 29-Sagamore Hills Date/Time Sampled: 10/13/2016 6:13:00AM Matrix: Drinking Water Project: School Board

Lab Number ID: AZJ0426-06

Date/Time Received: 10/14/2016 11:35:00AM

Analyte	Result	RL	Units	Method	Qual.	DF	Preparation Date	Analytical Date	Batch	Init.
Metals, Total										
Lead	0.0264	0.0030	mg/L	EPA 200.8		1	10/21/16 13:30	10/21/16 15:45	6100540	CSW



DeKalb County Public Works - Doraville 4830 Winters Chapel Rd Doraville GA, 30360 Attention: Ms. Jody Shoemaker

#### Report No.: AZJ0426

# PACE ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis 110 Technology Parkway, Peachtree Corners, GA 30092 (770) 734-4200 FAX (770) 734-4201

October 24, 2016

### Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 6100540 - EPA 200.8										
Blank (6100540-BLK1)					Prep	ared & An	alyzed: 10	/21/16		
Lead	ND	0.0030	mg/L		· · ·					
LCS (6100540-BS1)					Prep	ared & An	alyzed: 10	/21/16		
Lead	0.0941	0.0030	mg/L	0.10000	· · ·	94	85-115			
Matrix Spike (6100540-MS1)	Sou	urce: AZJ042	6-01		Prep	ared & An	alyzed: 10	/21/16		
Lead	0.0932	0.0030	mg/L	0.10000	0.0007	92	70-130			



DeKalb County Public Works - Doraville 4830 Winters Chapel Rd Doraville GA, 30360 Attention: Ms. Jody Shoemaker

# PACE ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis 110 Technology Parkway, Peachtree Corners, GA 30092 (770) 734-4200 FAX (770) 734-4201

October 24, 2016

# **Laboratory Certifications**

Code	Description	Number	Expires
GADW	Georgia DW Inorganics Eff: 07/01/2016	812	06/30/2017
NELDW	FL DOH NELAC (Drinking Water) Eff: 07/01/2016	E87315	06/30/2017



DeKalb County Public Works - Doraville 4830 Winters Chapel Rd Doraville GA, 30360 Attention: Ms. Jody Shoemaker

# PACE ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis 110 Technology Parkway, Peachtree Corners, GA 30092 (770) 734-4200 FAX (770) 734-4201

October 24, 2016

# Legend

#### **Definition of Laboratory Terms**

- ND None Detected at the Reporting Limit
- TIC Tentatively Identified Compound
- CFU Colony Forming Units
- SOP Method run per Pace Standard Operating Procedure
- RL Reporting Limit
- **DF** Dilution Factor
  - \* Analyte not included in the NELAC list of certified analytes.

#### Sample Information

N-Nitrosodiphenylamine breaks down to diphenylamine in the GCMS; both analytes are reported as N-Nitrososdiphenylamine. Pace is not NELAC certified for diphenylamine.

Phthalic acid and phthalic anhydride are reported as dimethyl phthalate

Maleic acid and maleic anhydride are reported as dimethyl malate

1,2-Diphenylhydrazine breaks down to azobenzene in the GCMS; both analytes are reported as azobenzene

#### Definition of Qualifiers

Note: Unless otherwise noted, all results are reported on an as received basis.

Delicab     Contract     Prevention	CHAIN OF CUSTODY RECORD	110 TECH	ylical Services, NOLOGY PARI 4200 : FAX (77)	(WAY, PEAC	HTREE COR	NERS, GA 30092	PAGE:	OF
U830 Winders Charde Rd.     err       Report To:     cc.	CLIENT NAME:		ANAL	YSIS REQU	ESTED	÷,		
U830 Windes Chapel AL       eff         REPORTIO:       CC         REPORTIO:       CC         REDUctive Commentation Darte       FOR         PROJECT NAMES TATE       ID/28 U.9.0         Collection       MATEX COLE         PROJECT NAMESTATE       ID/28 U.9.0         Collection       MATEX COLE         PROJECT NAMESTATE       ID/28 U.9.0         Collection       MATEX COLE         Date       ID/28 U.9.0         ID/28 (J.6.00 Collection       MATEX COLE         Date       ID/28 U.9.0         ID/28 (J.6.00 Collection       MATEX COLE         Date       ID/28 U.9.0         ID/28 (J.6.00 Collection       MATEX COLE         DATE       SAMPLE IDENTIFICATION         ID/28 (J.6.00 Collection       MATEX COLE         DATE       SAMPLE IDENTIFICATION         ID/28 (J.6.00 Collection       MATEX COLE         DATE       SAMPLE IDENTIFICATION         ID/28 (J.6.00 Collection       MATEX Collection         DATE       SAMPLE IDENTIFICATION         ID/28 (J.6.00 Collection       SAMPLE IDENTIFICATION         ID/28 (J.6.00 Collection       SAMPLE IDENTIFICATION         ID/28 (J.6.00 Collection       SAMPLE IDENTIFICATION </td <td>1 2 Callo Canta World Shea</td> <td>CONTAINER TYPE:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>· · · · · · · ·</td>	1 2 Callo Canta World Shea	CONTAINER TYPE:						· · · · · · · ·
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COC Revised 2016-05-17.xlsx

of 14



# PACE ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis 110 Technology Parkway, Peachtree Corners, GA 30092 (770) 734-4200 FAX (770) 734-4201

# LOG-IN CHECKLIST

Printed: 10/24/2016 3:50:27PM

Attn: Ms. Jody Shoemaker

Client: DeKalb County Public Works Project: School Board Date Received: 10/14/16 11:35	s - Doraville	Work Order: Logged In By:	AZJ0426 Mohammad M. Rahman
<b>OBSERVATIONS</b>			
<b>#Samples:</b> 8	#Containers: 8		
Minimum Temp(C): 6.0	Maximum Temp(C):	6.0	Custody Seal(s) Used: N/A

#### CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	YES
Sample Container(s) Match COC	YES
Custody seal Intact	NO
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES

#### **Comments:**