



November 1, 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
Rowland Elementary School (Facility ID #4065)
1317 S. Indian Creek Drive, Stone Mountain, Georgia 30083
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 Rowland Elementary School (Facility ID #4065). Additional drinking water samples from select source units were collected on April 5, 2017, and October 20, 2017, and analytical results were received from Analytical Environmental Services, Inc., on April 19, 2017, and October 30, 2017.

FINDINGS

Initial Sample Results of Previously Identified Inoperable Source Units

During the initial sampling event on November 2, 2016, four source units were inoperable and could not be sampled. DCSD made repairs to the inoperable source units and AEM collected seven drinking water samples on April 5, 2017. A description of the drinking water outlet sampled and a summary of sample analytical results are provided in Table 1.

The samples collected did not have a result at a concentration at or above EPA's action level of 15 parts per billion (ppb).

Sample Results of Previously Identified Source Units That Exceeded 15 ppb

During the initial sampling event on November 2, 2016, one source unit (DF-009) was sampled and the analytical results indicated that the results were above EPA's action level of 15 ppb. DCSD replaced the source unit and AEM collected two drinking water samples on April 5, 2017. One or more samples collected from DF-009 contained lead exceeding EPA's action level of 15 ppb. This source unit remained out of service so that additional remediation measures could be evaluated.

DCSD installed a filter on the drinking fountain and AEM collected two samples on October 20, 2017. None of the samples collected contained a lead concentration exceeding EPA's action level of 15 ppb. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 2.

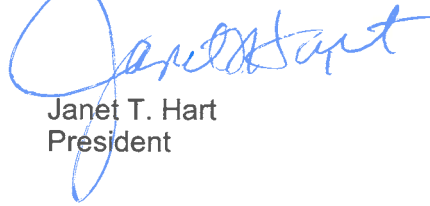
We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

Sincerely,

Atlanta Environmental Management, Inc.



Leona Miles, CHMM
Senior Project Manager



Janet T. Hart
President

/krf

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

Attachment: Table

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

Rowland Elementary School

1317 S. Indian Creek Drive, Stone Mountain, GA 30083



Sample ID*/**	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
4065-040517-DF-001-A	Initial Draw sample; Lower Left wall mounted Drinking Fountain in Gym	4/5/17 5:28 AM	None Detected
4065-040517-DF-001-B	Flush sample; Lower Left wall mounted Drinking Fountain in Gym	4/5/17 5:29 AM	None Detected
4065-040517-DF-012-A	Initial Draw sample; Upper Right Oasis Drinking Fountain in Cafeteria	4/5/17 5:17 AM	1.07
4065-040517-DF-012-B	Flush sample; Upper Right Oasis Drinking Fountain in Cafeteria	4/5/17 5:18 AM	2.19
4065-040517-DF-013-A	Initial Draw sample; Lower Left Oasis Drinking Fountain in Cafeteria	4/5/17 5:19 AM	4.84
4065-040517-DF-013-B	Flush sample; Lower Left Oasis Drinking Fountain in Cafeteria	4/5/17 5:20 AM	None Detected
4065-040517-SC-001-A	Service Connection Entry into Building	4/5/17 5:14 AM	None Detected

Notes:

ppb-parts per billion

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

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

**The Source Units were inoperable during the initial testing on 11/02/16. The above summarizes the initial test results post-repair.

Table 2. Summary of Lead in Drinking Water Laboratory Analytical Retest Results

Rowland Elementary School

1317 S. Indian Creek Drive, Stone Mountain, GA 30083



Sample ID**/**	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
4065-102017-DF-009-A	Initial Draw sample; Retest Wall Mounted Drinking Fountain in Basement Storage Rm 120.1; Filter Added	10/20/17 5:02 AM	None Detected
4065-102017-DF-009-B	Flush sample; Retest Wall Mounted Drinking Fountain in Basement Storage Rm 120.1; Filter Added	10/20/17 5:03 AM	2.73

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

**The source unit was initially sampled on 11/02/17 and the initial results indicated that a concentration exceeded the EPA standard of 15 ppb. The source unit was replaced and/or a filter was installed by DCSD and retesting was conducted. The above summarizes the retest results.



November 18, 2016

Via E-Mail: Joshua_I_williams@dekalbschoolsga.org

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

**Re: Lead in Drinking Water Sample Results
Rowland Elementary School (Facility ID #4065)
1317 S. Indian Creek Drive, Stone Mountain, Georgia 30083
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 Rowland Elementary School (Facility ID #4065). Samples were collected on November 2, 2016, and analytical results were received from Analytical Environmental Services, Inc., on November 16, 2016.

FINDINGS

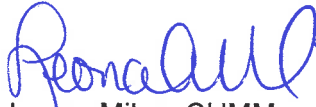
AEM collected 43 drinking water samples from 21 sources at Rowland Elementary School (Facility ID #4065), including two duplicate samples. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in the attached table.

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

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

Sincerely,

Atlanta Environmental Management, Inc.



Leona Miles, CHMM
Senior Project Manager



Janet T. Hart
President

/krf

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

Attachment: Table

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

Rowland Elementary School

1317 S. Indian Creek Drive, Stone Mountain, GA 30083



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
4065-110216-DF-002-A	Initial Draw sample; Upper Right wall mounted Oasis Drinking Fountain in Gym	11/2/16 6:12 AM	None Detected
4065-110216-DF-002-B	Flush sample; Upper Right wall mounted Oasis Drinking Fountain in Gym	11/2/16 6:13 AM	None Detected
4065-110216-DF-003-A	Initial Draw sample; Lower Left wall mounted Oasis Drinking Fountain in hallway near Rm 104	11/2/16 5:14 AM	None Detected
4065-110216-DF-003-B	Flush sample; Lower Left wall mounted Oasis Drinking Fountain in hallway near Rm 104	11/2/16 5:15 AM	None Detected
4065-110216-DF-004-A	Initial Draw sample; Upper Right wall mounted Oasis Drinking Fountain in hallway near Rm 104	11/2/16 5:16 AM	None Detected
4065-110216-DF-004-B	Flush sample; Upper Right wall mounted Oasis Drinking Fountain in hallway near Rm 104	11/2/16 5:17 AM	None Detected
4065-110216-DF-005-A	Initial Draw sample; Lower Left wall mounted Oasis Drinking Fountain in hallway near the Cafeteria/Rm 98	11/2/16 5:29 AM	None Detected
4065-110216-DF-005-B	Flush sample; Lower Left wall mounted Oasis Drinking Fountain in hallway near the Cafeteria/Rm 98	11/2/16 5:30 AM	None Detected
4065-110216-DF-006-A	Initial Draw sample; Upper Right wall mounted Oasis Drinking Fountain in hallway near the Cafeteria/Rm 98	11/2/16 5:34 AM	None Detected
4065-110216-DF-006-B	Flush sample; Upper Right wall mounted Oasis Drinking Fountain in hallway near the Cafeteria/Rm 98	11/2/16 5:35 AM	None Detected
4065-110216-DF-007-A	Initial Draw sample; Lower Left wall mounted Oasis Drinking Fountain in hallway near Rm 109	11/2/16 5:38 AM	None Detected
4065-110216-DF-007-B	Flush sample; Lower Left wall mounted Oasis Drinking Fountain in hallway near Rm 109	11/2/16 5:39 AM	None Detected
4065-110216-DF-008-A	Initial Draw sample; Upper Right wall mounted Oasis Drinking Fountain in hallway near Rm 109	11/2/16 5:41 AM	None Detected
4065-110216-DF-008-B	Flush sample; Upper Right wall mounted Oasis Drinking Fountain in hallway near Rm 109	11/2/16 5:42 AM	None Detected
4065-110216-DF-009-A	Initial Draw sample; Wall Mounted Drinking Fountain in Basement Storage Rm 120.1; Water discolored	11/2/16 5:59 AM	558
4065-110216-DF-009-B	Flush sample; Wall Mounted Drinking Fountain in Basement Storage Rm 120.1; Water discolored	11/2/16 6:00 AM	1,050

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

Rowland Elementary School

1317 S. Indian Creek Drive, Stone Mountain, GA 30083



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
4065-110216-DF-010-A	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from Rm 209	11/2/16 5:54 AM	None Detected
4065-110216-DF-010-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from Rm 209	11/2/16 5:55 AM	None Detected
4065-110216-DF-011-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm 209	11/2/16 5:50 AM	None Detected
4065-110216-DF-011-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm 209	11/2/16 5:51 AM	None Detected
4065-110216-KS-001-A	Initial Draw sample; Kindergarten Sink with no bubbler in Rm 211; Sampled faucet	11/2/16 6:04 AM	None Detected
4065-110216-KS-001-B	Flush sample; Kindergarten Sink with no bubbler in Rm 211; Sampled faucet	11/2/16 6:06 AM	None Detected
4065-110216-KS-002-A	Initial Draw sample; Kindergarten Sink with no bubbler in Rm 210; Sampled faucet	11/2/16 6:00 AM	None Detected
4065-110216-KS-002-B	Flush sample; Kindergarten Sink with no bubbler in Rm 210; Sampled faucet	11/2/16 6:01 AM	None Detected
4065-110216-KS-003-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 206; Sampled bubbler	11/2/16 5:43 AM	1.13
4065-110216-KS-003-B	Flush sample; Kindergarten Sink with bubbler in Rm 206; Sampled bubbler	11/2/16 5:44 AM	None Detected
4065-110216-KS-004-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 205; Sampled bubbler	11/2/16 5:37 AM	None Detected
4065-110216-KS-004-B	Flush sample; Kindergarten Sink with bubbler in Rm 205; Sampled bubbler	11/2/16 5:38 AM	None Detected
4065-110216-KS-005-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 204; Sampled bubbler	11/2/16 5:31 AM	None Detected
4065-110216-KS-005-B	Flush sample; Kindergarten Sink with bubbler in Rm 204; Sampled bubbler	11/2/16 5:32 AM	None Detected
4065-110216-KS-006-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 202; Sampled bubbler	11/2/16 5:25 AM	1.90
4065-110216-KS-006-B	Flush sample; Kindergarten Sink with bubbler in Rm 202; Sampled bubbler	11/2/16 5:26 AM	None Detected
4065-110216-RS-001-A	Initial Draw sample; Girls RR near Rm 109; Sampled sink farthest from door	11/2/16 5:45 AM	None Detected
4065-110216-RS-001-B	Flush sample; Girls RR near Rm 109; Sampled sink farthest from door	11/2/16 5:46 AM	None Detected
4065-110216-RS-002-A	Initial Draw sample; Boys RR near Rm 109; Sampled sink farthest from door	11/2/16 5:48 AM	None Detected
4065-110216-RS-002-B	Flush sample; Boys RR near Rm 109; Sampled sink farthest from door	11/2/16 5:49 AM	None Detected

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

Rowland Elementary School

1317 S. Indian Creek Drive, Stone Mountain, GA 30083



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
4065-110216-TL-001-A	Initial Draw sample; Kitchen style sink in Faculty Lounge Rm 107.1	11/2/16 5:52 AM	None Detected
4065-110216-TL-001-B	Flush sample; Kitchen style sink in Faculty Lounge Rm 107.1	11/2/16 5:53 AM	None Detected
4065-110216-CS-001-A	Initial Draw sample; Only Food Prep sink in Kitchen	11/2/16 5:13 AM	None Detected
4065-110216-CS-001-B	Flush sample; Only Food Prep sink in Kitchen	11/2/16 5:14 AM	None Detected
4065-110216-IM-001-A	Scotsman Ice Machine in Kitchen	11/2/16 5:17 AM	None Detected

Notes:

ppb-parts per billion

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

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



November 8, 2017

Via E-Mail: Joshua_I_williams@dekalbschoolsga.org

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

**Re: Summary of Additional Lead in Drinking Water Sample Results
Rowland Elementary School (Facility ID #4065)
1317 S. Indian Creek Drive, Stone Mountain, Georgia 30083
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 Rowland Elementary School (Facility ID #4065).

Initial sampling was conducted on November 2, 2016, and analytical results were received from Analytical Environmental Services, Inc., on November 16, 2016. Additional drinking water samples from select source units were collected on April 5, 2017, and October 20, 2017, and analytical results were received from Analytical Environmental Services, Inc., on April 19, 2017, and October 30, 2017.

FINDINGS

Initial Testing

AEM collected 43 drinking water samples from 21 sources at Rowland Elementary School (Facility ID #4065), including 2 duplicate samples (see Figure 1). A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 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.

One of the sources sampled had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 parts per billion (ppb). This is indicated in bold and shaded font in the attached table. A copy of the AES laboratory analytical report is provided in Attachment B.

Initial Sample Results of Previously Identified Inoperable and/or Inaccessible Source Units

During the initial sampling event on November 2, 2016, four source units were inoperable and could not be sampled. DCSD made repairs to the inoperable source units and AEM collected seven drinking water samples on April 5, 2017. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 1.

The samples collected did not have a concentration at or above EPA's action level of 15 ppb.

Sample Results of Previously Identified Source Units That Exceeded 15 ppb

During the initial sampling event on November 2, 2016, one source unit (DF-009) was sampled and the analytical results indicated that the results were above EPA's action level of 15 ppb. DCSD replaced the source unit and AEM collected two drinking water samples on April 5, 2017. One or more samples collected from DF-009 contained lead exceeding EPA's action level of 15 ppb. This source unit remained out of service so that additional remediation measures could be evaluated.

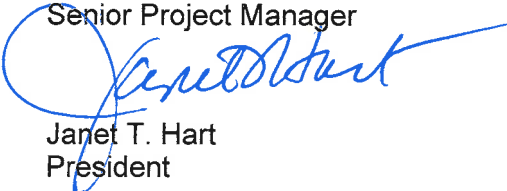
DCSD installed a filter on the drinking fountain and AEM collected two samples on October 20, 2017. None of the samples collected contained a lead concentration exceeding EPA's action level of 15 ppb. A description of the drinking water outlet sampled and a summary of sample analytical results are provided in Table 1.

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

Sincerely,

Atlanta Environmental Management, Inc.


Leona Miles, CHMM
Senior Project Manager


Janet T. Hart
President

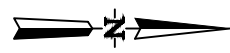
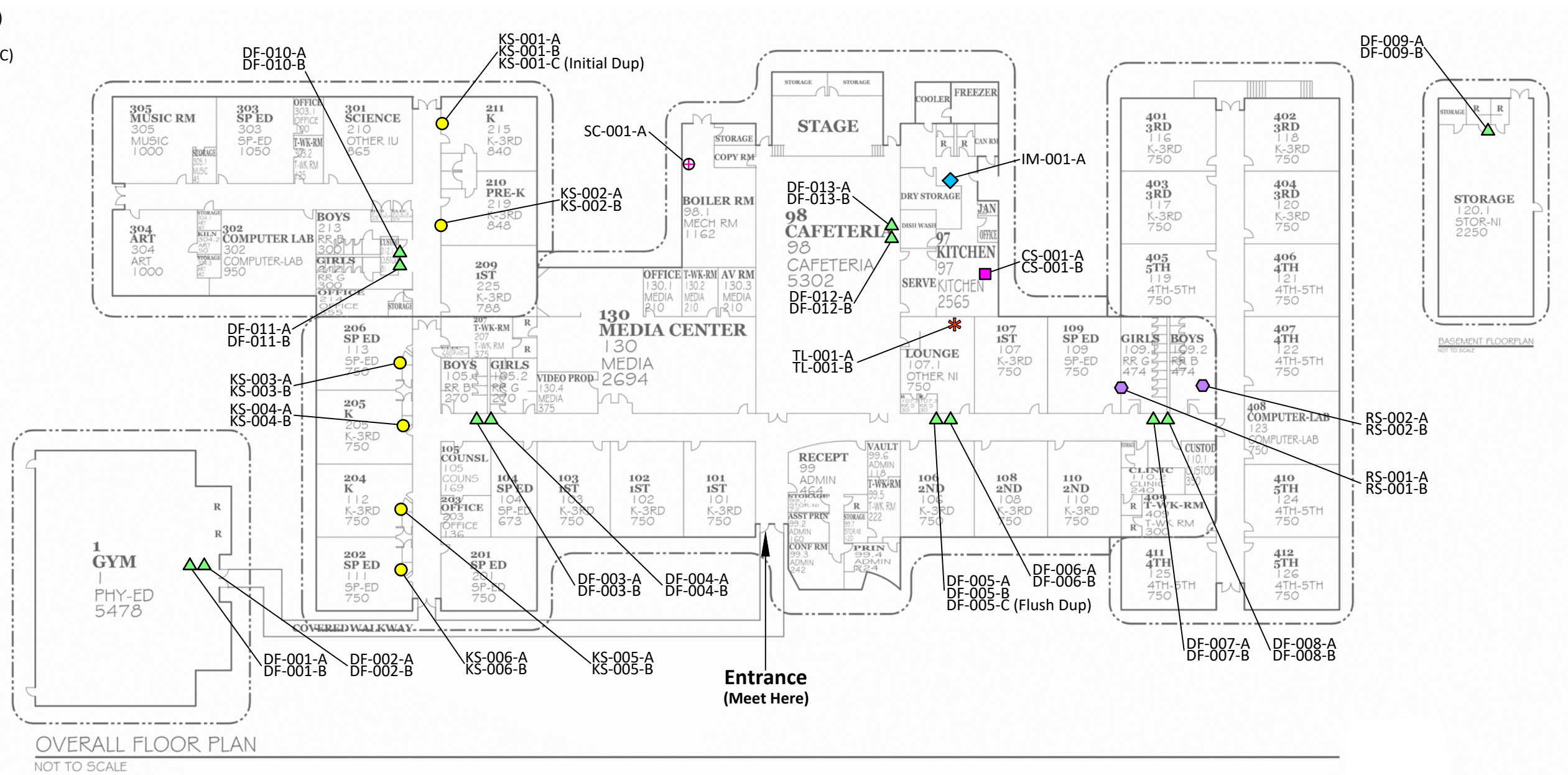
/krf


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

FIGURE

Legend

- - Cafeteria Sink (CS)
- ▲ - Drinking Fountain (DF)
- ◆ - Ice Maker (IM)
- - Kindergarten Sink (KS)
- - Restroom Sink (RS)
- ⊕ - Service Connection (SC)
- * - Teachers Lounge



 Atlanta Environmental Management, Inc. Environmental Consulting, Engineering, Hydrogeologic Services 2580 Northeast Expressway • Atlanta, Georgia 30345 Phone: 404.329.9006 • Fax: 404.329.2057		Client: DeKalb County School District Site Location: Rowland Elementary Facility (#4065) 1317 South Indian Creek Drive Stone Mountain, GA 30083	
PROJECT #:	1561-1601-4065	DATE:	November 7, 2017
DRAWN BY:	AL	REVISED:	----
CHECKED BY:	TR	SCALE:	NTS
PROJECT MGR:	LM	PRINTED:	11/7/2017 10:50 AM
Sample Location Plan			Figure 1

G:\DWG\1561-1601 DeKalb County Schools\4065\4065

TABLE

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

Rowland Elementary School

1317 S. Indian Creek Drive, Stone Mountain, GA 30083



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
4065-110216-DF-001-A	Not Sampled; Inoperable; Lower Left wall mounted Drinking Fountain in Gym	NS	NS
4065-110216-DF-001-B	Not Sampled; Inoperable; Lower Left wall mounted Drinking Fountain in Gym	NS	NS
4065-040517-DF-001-A	Initial Draw sample; Lower Left wall mounted Drinking Fountain in Gym	4/5/17 5:28 AM	None Detected
4065-040517-DF-001-B	Flush sample; Lower Left wall mounted Drinking Fountain in Gym	4/5/17 5:29 AM	None Detected
4065-110216-DF-002-A	Initial Draw sample; Upper Right wall mounted Oasis Drinking Fountain in Gym	11/2/16 6:12 AM	None Detected
4065-110216-DF-002-B	Flush sample; Upper Right wall mounted Oasis Drinking Fountain in Gym	11/2/16 6:13 AM	None Detected
4065-110216-DF-003-A	Initial Draw sample; Lower Left wall mounted Oasis Drinking Fountain in hallway near Rm 104	11/2/16 5:14 AM	None Detected
4065-110216-DF-003-B	Flush sample; Lower Left wall mounted Oasis Drinking Fountain in hallway near Rm 104	11/2/16 5:15 AM	None Detected
4065-110216-DF-004-A	Initial Draw sample; Upper Right wall mounted Oasis Drinking Fountain in hallway near Rm 104	11/2/16 5:16 AM	None Detected
4065-110216-DF-004-B	Flush sample; Upper Right wall mounted Oasis Drinking Fountain in hallway near Rm 104	11/2/16 5:17 AM	None Detected
4065-110216-DF-005-A	Initial Draw sample; Lower Left wall mounted Oasis Drinking Fountain in hallway near the Cafeteria/Rm 98	11/2/16 5:29 AM	None Detected
4065-110216-DF-005-B	Flush sample; Lower Left wall mounted Oasis Drinking Fountain in hallway near the Cafeteria/Rm 98	11/2/16 5:30 AM	None Detected
4065-110216-DF-005-C	Flush Duplicate sample; Lower Left wall mounted Oasis Drinking Fountain in hallway near the Cafeteria/Rm 98	11/2/16 5:31 AM	None Detected
4065-110216-DF-006-A	Initial Draw sample; Upper Right wall mounted Oasis Drinking Fountain in hallway near the Cafeteria/Rm 98	11/2/16 5:34 AM	None Detected
4065-110216-DF-006-B	Flush sample; Upper Right wall mounted Oasis Drinking Fountain in hallway near the Cafeteria/Rm 98	11/2/16 5:35 AM	None Detected
4065-110216-DF-007-A	Initial Draw sample; Lower Left wall mounted Oasis Drinking Fountain in hallway near Rm 109	11/2/16 5:38 AM	None Detected
4065-110216-DF-007-B	Flush sample; Lower Left wall mounted Oasis Drinking Fountain in hallway near Rm 109	11/2/16 5:39 AM	None Detected

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

Rowland Elementary School

1317 S. Indian Creek Drive, Stone Mountain, GA 30083



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
4065-110216-DF-008-A	Initial Draw sample; Upper Right wall mounted Oasis Drinking Fountain in hallway near Rm 109	11/2/16 5:41 AM	None Detected
4065-110216-DF-008-B	Flush sample; Upper Right wall mounted Oasis Drinking Fountain in hallway near Rm 109	11/2/16 5:42 AM	None Detected
4065-110216-DF-009-A	Initial Draw sample; Wall Mounted Drinking Fountain in Basement Storage Rm 120.1; Water discolored	11/2/16 5:59 AM	558
4065-110216-DF-009-B	Flush sample; Wall Mounted Drinking Fountain in Basement Storage Rm 120.1; Water discolored	11/2/16 6:00 AM	1,050
4065-040517-DF-009-A	Initial Draw sample; Retest Wall Mounted Drinking Fountain in Basement Storage Rm 120.1	4/5/17 5:23 AM	529
4065-040517-DF-009-B	Flush sample; Retest Wall Mounted Drinking Fountain in Basement Storage Rm 120.1	4/5/17 5:24 AM	105
4065-102017-DF-009-A	Initial Draw sample; Retest Wall Mounted Drinking Fountain in Basement Storage Rm 120.1; Filter Added	10/20/17 5:02 AM	None Detected
4065-102017-DF-009-B	Flush sample; Retest Wall Mounted Drinking Fountain in Basement Storage Rm 120.1; Filter Added	10/20/17 5:03 AM	2.73
4065-110216-DF-010-A	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from Rm 209	11/2/16 5:54 AM	None Detected
4065-110216-DF-010-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from Rm 209	11/2/16 5:55 AM	None Detected
4065-110216-DF-011-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm 209	11/2/16 5:50 AM	None Detected
4065-110216-DF-011-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm 209	11/2/16 5:51 AM	None Detected
4065-110216-DF-012-A	Not Sampled; Inoperable; Upper Right Oasis Drinking Fountain in Cafeteria	NS	NS
4065-110216-DF-012-B	Not Sampled; Inoperable; Upper Right Oasis Drinking Fountain in Cafeteria	NS	NS
4065-040517-DF-012-A	Initial Draw sample; Upper Right Oasis Drinking Fountain in Cafeteria	4/5/17 5:17 AM	1.07
4065-040517-DF-012-B	Flush sample; Upper Right Oasis Drinking Fountain in Cafeteria	4/5/17 5:18 AM	2.19

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

Rowland Elementary School

1317 S. Indian Creek Drive, Stone Mountain, GA 30083



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
4065-110216-DF-013-A	Not Sampled; Inoperable; Lower Left Oasis Drinking Fountain in Cafeteria	NS	NS
4065-110216-DF-013-B	Not Sampled; Inoperable; Lower Left Oasis Drinking Fountain in Cafeteria	NS	NS
4065-040517-DF-013-A	Initial Draw sample; Lower Left Oasis Drinking Fountain in Cafeteria	4/5/17 5:19 AM	4.84
4065-040517-DF-013-B	Flush sample; Lower Left Oasis Drinking Fountain in Cafeteria	4/5/17 5:20 AM	None Detected
4065-110216-KS-001-A	Initial Draw sample; Kindergarten Sink with no bubbler in Rm 211; Sampled faucet	11/2/16 6:04 AM	None Detected
4065-110216-KS-001-B	Flush sample; Kindergarten Sink with no bubbler in Rm 211; Sampled faucet	11/2/16 6:06 AM	None Detected
4065-110216-KS-001-C	Initial Draw Duplicate sample; Kindergarten Sink with no bubbler in Rm 211; Sampled faucet	11/2/16 6:05 AM	None Detected
4065-110216-KS-002-A	Initial Draw sample; Kindergarten Sink with no bubbler in Rm 210; Sampled faucet	11/2/16 6:00 AM	None Detected
4065-110216-KS-002-B	Flush sample; Kindergarten Sink with no bubbler in Rm 210; Sampled faucet	11/2/16 6:01 AM	None Detected
4065-110216-KS-003-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 206; Sampled bubbler	11/2/16 5:43 AM	1.13
4065-110216-KS-003-B	Flush sample; Kindergarten Sink with bubbler in Rm 206; Sampled bubbler	11/2/16 5:44 AM	None Detected
4065-110216-KS-004-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 205; Sampled bubbler	11/2/16 5:37 AM	None Detected
4065-110216-KS-004-B	Flush sample; Kindergarten Sink with bubbler in Rm 205; Sampled bubbler	11/2/16 5:38 AM	None Detected
4065-110216-KS-005-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 204; Sampled bubbler	11/2/16 5:31 AM	None Detected
4065-110216-KS-005-B	Flush sample; Kindergarten Sink with bubbler in Rm 204; Sampled bubbler	11/2/16 5:32 AM	None Detected
4065-110216-KS-006-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 202; Sampled bubbler	11/2/16 5:25 AM	1.90
4065-110216-KS-006-B	Flush sample; Kindergarten Sink with bubbler in Rm 202; Sampled bubbler	11/2/16 5:26 AM	None Detected
4065-110216-RS-001-A	Initial Draw sample; Girls RR near Rm 109; Sampled sink farthest from door	11/2/16 5:45 AM	None Detected
4065-110216-RS-001-B	Flush sample; Girls RR near Rm 109; Sampled sink farthest from door	11/2/16 5:46 AM	None Detected
4065-110216-RS-002-A	Initial Draw sample; Boys RR near Rm 109; Sampled sink farthest from door	11/2/16 5:48 AM	None Detected
4065-110216-RS-002-B	Flush sample; Boys RR near Rm 109; Sampled sink farthest from door	11/2/16 5:49 AM	None Detected

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

Rowland Elementary School

1317 S. Indian Creek Drive, Stone Mountain, GA 30083



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
4065-110216-TL-001-A	Initial Draw sample; Kitchen style sink in Faculty Lounge Rm 107.1	11/2/16 5:52 AM	None Detected
4065-110216-TL-001-B	Flush sample; Kitchen style sink in Faculty Lounge Rm 107.1	11/2/16 5:53 AM	None Detected
4065-110216-CS-001-A	Initial Draw sample; Only Food Prep sink in Kitchen	11/2/16 5:13 AM	None Detected
4065-110216-CS-001-B	Flush sample; Only Food Prep sink in Kitchen	11/2/16 5:14 AM	None Detected
4065-110216-IM-001-A	Scotsman Ice Machine in Kitchen	11/2/16 5:17 AM	None Detected
4065-110216-SC-001-A	Not Sampled; DeKalb Watershed unable to locate the Service Connection	NS	NS
4065-040517-SC-001-A	Service Connection Entry into Building	4/5/17 5:14 AM	None Detected

Notes:

ppb-parts per billion

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

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

NS-Not Sampled; Source Unit was inoperable during initial testing on 11/2/16.

ATTACHMENT A
AEM Field Sampling Forms

**DEKALB COUNTY SCHOOL DISTRICT
LEAD IN DRINKING WATER FIELD DATA SHEET**

FACILITY NAME: ROWLAND ELEMENTARY FACILITY
ADDRESS: 1317 S Indian Creek Drive Stone Mtn, GA, 30083

FACILITY ID: 4065

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
✓ 11/2/16	0514	4065 - 110216 - DF-003-A	104	In room Hallway	Oasis wall mounted lower left	CD
✓ 11/2/16	0515	4065 - 110216 - DF-003-B		In room Hallway	"	CD
✓ 11/2/16	0516	4065 - 110216 - DF-004-A		In room Hallway	Oasis wall mounted upper right	CD
✓ 11/2/16	0517	4065 - 110216 - DF-004-B		In room Hallway	"	CD
✓ 11/2/16	0525	4065 - 110216 - KS-006-A	202	In room Hallway	sink w/ bubbler sample from bubbler	CD
✓ 11/2/16	0526	4065 - 110216 - KS-006-B	"	In room Hallway	"	CD
✓ 11/2/16	0531	4065 - 110216 - KS-005-A	204	In room Hallway	"	CD
✓ 11/2/16	0532	4065 - 110216 - KS-005-B	"	In room Hallway	"	CD
✓ 11/2/16	0537	4065 - 110216 - KS-004-A	205	In room Hallway	"	CD
✓ 11/2/16	0538	4065 - 110216 - KS-004-B	"	In room Hallway	"	CD

LOCATION TYPE: AF = athletic field; CS = cafeteria sink; DF = drinking fountain; IM = ice maker; KS = kindergarten sink; RS = restroom sink; SC = service connection; TL = teachers' lounge. SAMPLE TYPE: A = initial draw; B = flush; C = duplicate

**DEKALB COUNTY SCHOOL DISTRICT
LEAD IN DRINKING WATER FIELD DATA SHEET**

FACILITY NAME: ROWLAND ELEMENTARY FACILITY
 ADDRESS: 1317 S Indian Creek Drive Stone Mtn, GA, 30083

FACILITY ID: 4065

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
✓ 11/2/16	0543	4065 - 110216 - KS-003-A	204	In room Hallway	Sink w/ bubbler Sample from bubbler	CD
✓ 11/2/16	0544	4065 - 110216 - KS-003-B	"	In room Hallway	"	CD
✓ 11/2/16	0550	4065 - 110216 - DF-011-A	across from 209	In room Hallway	Elkay wall mounted upper left	CD
✓ 11/2/16	0551	4065 - 110216 - DF-011-B	"	In room Hallway	"	CD
✓ 11/2/16	0554	4065 - 110216 - DF-010-A	"	In room Hallway	Elkay wall mounted lower right	CD
✓ 11/2/16	0555	4065 - 110216 - DF-010-B	"	In room Hallway	"	CD
✓ 11/2/16	0600	4065 - 110216 - KS-002-A	210	In room Hallway	Sink <u>no</u> bubbler Sample from sink	CD
✓ 11/2/16	0601	4065 - 110216 - KS-002-B	"	In room Hallway	"	CD
11/2/16		4065 - 110216 -		In room Hallway		
11/2/16		4065 - 110216 -		In room Hallway		

LOCATION TYPE: AF = athletic field; CS = cafeteria sink; DF = drinking fountain; IM = ice maker; KS = kindergarten sink; RS = restroom sink; SC = service connection; TL = teachers' lounge. SAMPLE TYPE: A = initial draw; B = flush; C = duplicate

**DEKALB COUNTY SCHOOL DISTRICT
LEAD IN DRINKING WATER FIELD DATA SHEET**

FACILITY NAME: ROWLAND ELEMENTARY FACILITY
 ADDRESS: 1317 S Indian Creek Drive Stone Mtn, GA, 30083

FACILITY ID: 4065

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
✓ 11/2/16	0604	4065 - 110216 - KS-001-A	211	In room Hallway	sink <u>no bubbler</u> Sample from sink	CS
✓ 11/2/16	0606	4065 - 110216 - KS-001-B	"	In room Hallway	"	CS
✓ 11/2/16	0605	4065 - 110216 - KS-001-C	"	In room Hallway	duplicate of KS-001-A TR	CS
✓ 11/2/16	0612	4065 - 110216 - DF-002-A	Gym Entrance	In room Hallway	Oasis wall-mounted upper right	CS
✓ 11/2/16	0613	4065 - 110216 - DF-002-B	"	In room Hallway	"	CS
✓ 11/2/16	—	4065 - 110216 - DF-001-A	"	In room Hallway	not in service	
✓ 11/2/16	—	4065 - 110216 - DF-001-B	"	In room Hallway	not sampled	
11/2/16		4065 - 110216 -		In room Hallway		
11/2/16		4065 - 110216 -		In room Hallway		
11/2/16		4065 - 110216 -		In room Hallway		

LOCATION TYPE: AF = athletic field; CS = cafeteria sink; DF = drinking fountain; IM = ice maker; KS = kindergarten sink; RS = restroom sink; SC = service connection; TL = teachers' lounge. SAMPLE TYPE: A = initial draw; B = flush; C = duplicate

**DEKALB COUNTY SCHOOL DISTRICT
LEAD IN DRINKING WATER FIELD DATA SHEET**

FACILITY NAME: ROWLAND ELEMENTARY FACILITY
ADDRESS: 1317 S Indian Creek Drive Stone Mtn, GA, 30083

FACILITY ID: 4065

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
✓ 11/2/16	0513	4065 - 110216 - CS-001-A	Kitchen	In room Hallway	Food prep sink	TR
✓ 11/2/16	0514	4065 - 110216 - CS-001-B	"	In room Hallway	"	TR
✓ 11/2/16	0517	4065 - 110216 - IM-001-A	Kitchen	In room Hallway	Scotsman ice maker	TR
11/2/16	Not Sampled	4065 - 110216 - DF-012	Cafeteria	In room Hallway	inoperable upper rt Oasis	TR
11/2/16	Not Sampled	4065 - 110216 - DF-013	"	In room Hallway	inoperable lower left Oasis	TR
✓ 11/2/16	0529	4065 - 110216 - DF-005-A	Cafeteria	In room Hallway	lower left Oasis	TR
✓ 11/2/16	0530	4065 - 110216 - DF-005-B	"	In room Hallway	"	TR
✓ 11/2/16	0531	4065 - 110216 - DF-005-C	"	In room Hallway	duplicate of DF-005-B	TR
✓ 11/2/16	0534	4065 - 110216 - DF-006-A	Cafeteria	In room Hallway	upper right Oasis	TR
✓ 11/2/16	0535	4065 - 110216 - DF-006-B	"	In room Hallway	upper right Oasis	TR

LOCATION TYPE: AF = athletic field; CS = cafeteria sink; DF = drinking fountain; IM = ice maker; KS = kindergarten sink; RS = restroom sink; SC = service connection; TL = teachers' lounge. SAMPLE TYPE: A = initial draw; B = flush; C = duplicate

**DEKALB COUNTY SCHOOL DISTRICT
LEAD IN DRINKING WATER FIELD DATA SHEET**

FACILITY NAME: ROWLAND ELEMENTARY FACILITY
 ADDRESS: 1317 S Indian Creek Drive Stone Mtn, GA, 30083

FACILITY ID: 4065

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
✓ 11/2/16	0538	4065 - 110216 - DF-007-A	109 Spec. Ed.	In room Hallway	lower left Oasis	TR
✓ 11/2/16	0539	4065 - 110216 - DF-007-B	"	In room Hallway	"	TR
✓ 11/2/16	0541	4065 - 110216 - DF-008-A	"	In room Hallway	upper right Oasis	TR
✓ 11/2/16	0542	4065 - 110216 - DF-008-B	"	In room Hallway	"	TR
✓ 11/2/16	0545	4065 - 110216 - RS-001-A	"	In room Hallway	Girls' RR sink farthest from door	TR
✓ 11/2/16	0546	4065 - 110216 - RS-001-B	"	In room Hallway	"	TR
✓ 11/2/16	0548	4065 - 110216 - RS-002-A	"	In room Hallway	Boy's RR sink farthest from door	TR
✓ 11/2/16	0549	4065 - 110216 - RS-002-B	"	In room Hallway	"	TR
✓ 11/2/16	0552	4065 - 110216 - TL-001-A	Faculty Lounge	In room Hallway	kitchen-style sink	TR
✓ 11/2/16	0553	4065 - 110216 - TL-001-B	(107.1)	In room Hallway	"	TR

LOCATION TYPE: AF = athletic field; CS = cafeteria sink; DF = drinking fountain; IM = ice maker; KS = kindergarten sink; RS = restroom sink; SC = service connection; TL = teachers' lounge. SAMPLE TYPE: A = initial draw; B = flush; C = duplicate

**DEKALB COUNTY SCHOOL DISTRICT
LEAD IN DRINKING WATER FIELD DATA SHEET**

FACILITY NAME: ROWLAND ELEMENTARY FACILITY
 ADDRESS: 1317 S Indian Creek Drive Stone Mtn, GA, 30083

FACILITY ID: 4065

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
11/2/16	0559	4065 - 110216 - DF-009-A	120.1 Basement Storage	In room Hallway	wall-mount. water discolored	TR
11/2/16	0600	4065 - 110216 - DF-009-B	ii	In room Hallway	"	TR
11/2/16	Not Sampled	4065 - 110216 - SC-001-A		In room Hallway	Watershed ^{TR} unable to locate SC	TR
11/2/16		4065 - 110216 -		In room Hallway		
11/2/16		4065 - 110216 -		In room Hallway		
11/2/16		4065 - 110216 -		In room Hallway		
11/2/16		4065 - 110216 -		In room Hallway		
11/2/16		4065 - 110216 -		In room Hallway		
11/2/16		4065 - 110216 -		In room Hallway		
11/2/16		4065 - 110216 -		In room Hallway		

LOCATION TYPE: AF = athletic field; CS = cafeteria sink; DF = drinking fountain; IM = ice maker; KS = kindergarten sink; RS = restroom sink; SC = service connection; TL = teachers' lounge. SAMPLE TYPE: A = initial draw; B = flush; C = duplicate

**DEKALB COUNTY SCHOOL DISTRICT
LEAD IN DRINKING WATER FIELD DATA SHEET**

FACILITY NAME: ROWLAND ELEMENTARY FACILITY
 ADDRESS: 1317 S Indian Creek Drive Stone Mtn, GA, 30083

FACILITY ID: 4065

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
4/5/17	0514	4065 - 040517 - SC-001-A	Boiler Rm	In room Hallway	Boiler Rm sink sampled at back of room	
4/5/17	0517	4065 - 040517 - DF-012-A	Cafeteria	In room Hallway	upper right Oasis; WM	
4/5/17	0518	4065 - 040517 - DF-012-B		In room Hallway		
4/5/17	0519	4065 - 040517 - DF-013-A	Cafeteria	In room Hallway	Lower Left Oasis; WM	
4/5/17	0520	4065 - 040517 - DF-013-B		In room Hallway		
4/5/17	0523	4065 - 040517 - DF-009-A	Basement Storage	In room Hallway	single Elkay; WM	
4/5/17	0524	4065 - 040517 - DF-009-B	"	In room Hallway		
4/5/17	0528	4065 - 040517 - DF-001-A	Gym Entrance	In room Hallway	Oasis; lower left; WM	
4/5/17	0529	4065 - 040517 - DF-001-B		In room Hallway		
4/5/17		4065 - 040517 -		In room Hallway		

LOCATION TYPE: AF = athletic field; CS = cafeteria sink; DF = drinking fountain; IM = ice maker; KS = kindergarten sink; RS = restroom sink; SC = service connection; TL = teachers' lounge. SAMPLE TYPE: A = initial draw; B = flush; C = duplicate

**DEKALB COUNTY SCHOOL DISTRICT
LEAD IN DRINKING WATER FIELD DATA SHEET**

FACILITY NAME: ROWLAND ELEMENTARY FACILITY
 ADDRESS: 1317 S Indian Creek Drive Stone Mtn, GA, 30083

FACILITY ID: 4065

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
10/20/17	0502	4065 - 102017 - DF-009-A	120.1 (Storage)	In room Hallway	wall mount Elkay	TR
10/20/17	0503	4065 - 102017 - DF-009-B	"	In room Hallway	"	TR
10/20/17		4065 - 102017 -		In room Hallway		
10/20/17		4065 - 102017 -		In room Hallway		
10/20/17		4065 - 102017 -		In room Hallway		
10/20/17		4065 - 102017 -		In room Hallway		
10/20/17		4065 - 102017 -		In room Hallway		
10/20/17		4065 - 102017 -		In room Hallway		
10/20/17		4065 - 102017 -		In room Hallway		
10/20/17		4065 - 102017 -		In room Hallway		

LOCATION TYPE: AF = athletic field; CS = cafeteria sink; DF = drinking fountain; IM = ice maker; KS = kindergarten sink; RS = restroom sink; SC = service connection; TL = teachers' lounge. SAMPLE TYPE: A = initial draw; B = flush; C = duplicate

ATTACHMENT B
AES Laboratory Analytical Report

Leona Miles

From: NoReply@aesatlanta.net
Sent: Wednesday, November 16, 2016 2:11 PM
To: leona-miles@aem-net.com; tim-royer@aem-net.com
Subject: DCSD - 4065
Attachments: 1611147_REPORT.pdf; 1611147Invoice.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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November 16, 2016

Leona Miles
Atlanta Environmental Mgmt
2580 NE Expressway
Atlanta GA 30345

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

RE: DCSD - 4065

Dear Leona Miles:

Order No: 1611147

Analytical Environmental Services, Inc. received 43 samples on 11/2/2016 8:52:00 AM for the analyses presented in following report.

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

AES's accreditations are as follows:

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

Ioana Pacurar
Project Manager



COMPANY: Atlanta Environmental Management, Inc		ADDRESS: 2580 Northeast Expressway, NE Atlanta, GA 30345			ANALYSIS REQUESTED										Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers		
PHONE: (404) 329-9006		FAX: (404) 329-2057			Total Pb Method 200.8										REMARKS				
SAMPLED BY: <i>Tim Royer</i>		SIGNATURE: <i>[Signature]</i>			PRESERVATION (See codes)														
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)										REMARKS		
		DATE	TIME				I												
1	4065-110216-DF-001-A	11/2/2016		X		DW											not collected		
2	4065-110216-DF-001-B	11/2/2016		X		DW											not collected		
3	4065-110216-DF-002-A	11/2/2016	0612	X		DW	X												
4	4065-110216-DF-002-B	11/2/2016	0613	X		DW	X												
5	4065-110216-DF-003-A	11/2/2016	0514	X		DW	X												
6	4065-110216-DF-003-B	11/2/2016	0515	X		DW	X												
7	4065-110216-DF-004-A	11/2/2016	0516	X		DW	X												
8	4065-110216-DF-004-B	11/2/2016	0517	X		DW	X												
9	4065-110216-DF-005-A	11/2/2016	0529	X		DW	X												
10	4065-110216-DF-005-B	11/2/2016	0530	X		DW	X												
11	4065-110216-DF-005-C	11/2/2016	0531	X		DW	X												
12	4065-110216-DF-006-A	11/2/2016	0534	X		DW	X												
13	4065-110216-DF-006-B	11/2/2016	0535	X		DW	X												
14	4065-110216-DF-007-A	11/2/2016	0538	X		DW	X												
15	4065-110216-DF-007-B	11/2/2016	0539	X		DW	X												
RELINQUISHED BY		DATE/TIME		RECEIVED BY		DATE/TIME		PROJECT INFORMATION										RECEIPT	
1: <i>[Signature]</i>		11/2/16 0828		1: <i>[Signature]</i>		11/2/16 0828		PROJECT NAME: DCSD										Total # of Containers	
2: <i>[Signature]</i>		11/2/16 0852		2: <i>[Signature]</i>		11/2/16 8:52 am		PROJECT #: 1561-1601										Turnaround Time Request	
3:				3: <i>[Signature]</i>				SITE ADDRESS: 4065										<input type="radio"/> Standard 5 Business Days <input type="radio"/> 2 Business Day Rush <input type="radio"/> Next Business Day Rush <input type="radio"/> Same Day Rush (auth req.) <input checked="" type="radio"/> Other: 10 business Days	
SPECIAL INSTRUCTIONS/COMMENTS: Preserve at the Lab per protocol				SHIPMENT METHOD				SEND REPORT TO: Leona Miles and Tim Royer										STATE PROGRAM (if any): _____	
				OUT / / VIA:				INVOICE TO: (IF DIFFERENT FROM ABOVE) leona-miles@aem-net.com; tim-royer@aem-net.com										E-mail? Y/N; Fax? Y/N	
				IN <input checked="" type="radio"/> CLIENT FedEx UPS MAIL COURIER				QUOTE #: _____ PO#: _____										DATA PACKAGE: I II III IV	
				GREYHOUND OTHER _____															

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 = Sediment SO = Soil SW = Surface Water DW=Drinking Water W = Water (Blanks) O = Other (specify)
 PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None



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

CHAIN OF CUSTODY

Work Order: 161147

Date: 11/2/16 Page 2 of 4

COMPANY:		ADDRESS:						ANALYSIS REQUESTED											Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.																																																																	
Atlanta Environmental Management, Inc		2580 Northeast Expressway, NE Atlanta, GA 30345						<table border="1"> <tr> <td>Total Pb Method 200.8</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td colspan="21">PRESERVATION (See codes)</td> </tr> <tr> <td>I</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>											Total Pb Method 200.8																						PRESERVATION (See codes)																					I																						No # of Containers
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1	4065-110216-DF-008-A	11/2/2016	0541	X		DW	X																																																																													
2	4065-110216-DF-008-B	11/2/2016	0542	X		DW	X																																																																													
3	4065-110216-DF-009-A	11/2/2016	0559	X		DW	X																																																																													
4	4065-110216-DF-009-B	11/2/2016	0600	X		DW	X																																																																													
5	4065-110216-DF-010-A	11/2/2016	0554	X		DW	X																																																																													
6	4065-110216-DF-010-B	11/2/2016	0555	X		DW	X																																																																													
7	4065-110216-DF-011-A	11/2/2016	0550	X		DW	X																																																																													
8	4065-110216-DF-011-B	11/2/2016	0551	X		DW	X																																																																													
9	4065-110216-KS-001-A	11/2/2016	0604	X		DW	X																																																																													
10	4065-110216-KS-001-B	11/2/2016	0606	X		DW	X																																																																													
11	4065-110216-KS-001-C	11/2/2016	0605	X		DW	X																																																																													
12	4065-110216-KS-002-A	11/2/2016	0600	X		DW	X																																																																													
13	4065-110216-KS-002-B	11/2/2016	0601	X		DW	X																																																																													
14	4065-110216-KS-003-A	11/2/2016	0543	X		DW	X																																																																													
15	4065-110216-KS-003-B	11/2/2016	0544	X		DW	X																																																																													

RELINQUISHED BY		DATE/TIME	RECEIVED BY		DATE/TIME	PROJECT INFORMATION				RECEIPT			
1: <i>[Signature]</i>		0828	1: <i>[Signature]</i>		11/2/16 0828	PROJECT NAME: DCSD				Total # of Containers			
2: <i>[Signature]</i>		0852	2: <i>[Signature]</i>		8:52 am	PROJECT #: 1561-1601				Turnaround Time Request			
3: <i>[Signature]</i>			3: <i>[Signature]</i>			SITE ADDRESS: 4065				<input type="radio"/> Standard 5 Business Days <input type="radio"/> 2 Business Day Rush <input type="radio"/> Next Business Day Rush <input type="radio"/> Same Day Rush (auth req.) <input checked="" type="radio"/> Other: 10 business Days			
SPECIAL INSTRUCTIONS/COMMENTS:						SHIPMENT METHOD				INVOICE TO: (IF DIFFERENT FROM ABOVE)			
Preserve at the Lab per protocol						OUT / / VIA: IN <input checked="" type="radio"/> CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER				leona-miles@aem-net.com; tim-royer@aem-net.com			
						QUOTE #: _____ PO#: _____				STATE PROGRAM (if any): _____			
										E-mail? Y/N; Fax? Y/N			
										DATA PACKAGE: I II III IV			

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.



ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

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

CHAIN OF CUSTODY

Work Order: 1611147

Date: 11/2/16 Page 3 of 4

COMPANY: Atlanta Environmental Management, Inc
ADDRESS: 2580 Northeast Expressway, NE Atlanta, GA 30345

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

SAMPLED BY: Tim Royer
SIGNATURE: [Signature]

#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	ANALYSIS REQUESTED								REMARKS	No # of Containers	
		DATE	TIME				PRESERVATION (See codes)										
1	4065-110216-KS-004-A	11/2/2016	0537	X		DW	X										1
2	4065-110216-KS-004-B	11/2/2016	0538	X		DW	X										1
3	4065-110216-KS-005-A	11/2/2016	0531	X		DW	X										1
4	4065-110216-KS-005-B	11/2/2016	0532	X		DW	X										1
5	4065-110216-KS-006-A	11/2/2016	0525	X		DW	X										1
6	4065-110216-KS-006-B	11/2/2016	0526	X		DW	X										1
7	4065-110216-RS-001-A	11/2/2016	0545	X		DW	X										1
8	4065-110216-RS-001-B	11/2/2016	0546	X		DW	X										1
9	4065-110216-RS-002-A	11/2/2016	0548	X		DW	X										1
10	4065-110216-RS-002-B	11/2/2016	0549	X		DW	X										1
11	4065-110216-CS-001-A	11/2/2016	0513	X		DW	X										1
12	4065-110216-CS-001-B	11/2/2016	0514	X		DW	X										1
13	4065-110216-IM-001-A	11/2/2016	0517	X		DW	X										1
14	4065-110216-SC-001-A	11/2/2016		X		DW										not collected	
15																	

RELINQUISHED BY: [Signature] DATE/TIME: 11/2/16 0828
RECEIVED BY: [Signature] DATE/TIME: 11/2/16 0838

PROJECT INFORMATION: PROJECT NAME: DCSD
PROJECT #: 1561-1601
SITE ADDRESS: 4065

RECEIPT: Total # of Containers: _____
Turnaround Time Request:
 Standard 5 Business Days
 2 Business Day Rush
 Next Business Day Rush
 Same Day Rush (auth req.)
 Other: 10 business Days

SPECIAL INSTRUCTIONS/COMMENTS: Preserve at the Lab per protocol

SHIPMENT METHOD: OUT / / VIA: CLIENT FedEx UPS MAIL COURIER
 GREYHOUND OTHER _____

INVOICE TO: (IF DIFFERENT FROM ABOVE)
leona-miles@aem-net.com; tim-royer@aem-net.com

QUOTE #: _____ **PO#:** _____

STATE PROGRAM (if any): _____
E-mail? Y/N; Fax? Y/N
DATA PACKAGE: I II III IV

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 = Sediment SO = Soil SW = Surface Water DW = Drinking Water W = Water (Blanks) O = Other (specify)

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



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CHAIN OF CUSTODY

Work Order: 1611147

Date: 11/2/16 Page 4 of 4

COMPANY: Atlanta Environmental Management, Inc ADDRESS: 2580 Northeast Expressway, NE Atlanta, GA 30345

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

SAMPLED BY: Tim Royer SIGNATURE: [Signature]

#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	I	ANALYSIS REQUESTED												REMARKS	No # of Containers				
		DATE	TIME					PRESERVATION (See codes)																	
1	4065-110216-TL-001-A	11/2/16	0552	X		DW	X																		
2	4065-110216-TL-001-B	11/2/16	0553	X		DW	X																		
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									

RELINQUISHED BY: [Signature] DATE/TIME: 11/2/16 0828 RECEIVED BY: [Signature] DATE/TIME: 11/2/16 0825

PROJECT INFORMATION: PROJECT NAME: DCSD PROJECT #: 1561-1601 SITE ADDRESS: 4065 SEND REPORT TO: Leona Miles and Tim Royer INVOICE TO: (IF DIFFERENT FROM ABOVE) leona-miles@aem-net.com; tim-royer@aem-net.com

SPECIAL INSTRUCTIONS/COMMENTS: Preserve at the Lab per protocol SHIPMENT METHOD: CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER

STATE PROGRAM (if any): E-mail? Y/N; Fax? Y/N DATA PACKAGE: I II III IV

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.

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-002-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 6:12:00 AM
Lab ID: 1611147-001	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8								
				(E200.2)				
Lead	BRL	1.00		ug/L	232956	1	11/15/2016 20:37	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-002-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 6:13:00 AM
Lab ID: 1611147-002	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232956	1	11/15/2016 20:55	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-003-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:14:00 AM
Lab ID: 1611147-003	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232956	1	11/15/2016 20:58	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-003-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:15:00 AM
Lab ID: 1611147-004	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232956	1	11/15/2016 21:08	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-004-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:16:00 AM
Lab ID: 1611147-005	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232956	1	11/15/2016 21:12	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-004-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:17:00 AM
Lab ID: 1611147-006	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232956	1	11/15/2016 21:15	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-005-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:29:00 AM
Lab ID: 1611147-007	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232956	1	11/15/2016 21:19	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-005-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:30:00 AM
Lab ID: 1611147-008	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232956	1	11/15/2016 21:22	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-005-C
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:31:00 AM
Lab ID: 1611147-009	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232956	1	11/15/2016 21:26	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-006-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:34:00 AM
Lab ID: 1611147-010	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232956	1	11/15/2016 21:29	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-006-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:35:00 AM
Lab ID: 1611147-011	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232956	1	11/15/2016 20:48	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-007-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:38:00 AM
Lab ID: 1611147-012	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232956	1	11/15/2016 21:33	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-007-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:39:00 AM
Lab ID: 1611147-013	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232956	1	11/15/2016 21:36	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-008-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:41:00 AM
Lab ID: 1611147-014	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232956	1	11/15/2016 21:40	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-008-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:42:00 AM
Lab ID: 1611147-015	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232956	1	11/15/2016 21:50	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-009-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:59:00 AM
Lab ID: 1611147-016	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	558	1.00		ug/L	232472	1	11/09/2016 12:39	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-009-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 6:00:00 AM
Lab ID: 1611147-017	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	1050	1.00		ug/L	232472	1	11/09/2016 12:42	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-010-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:54:00 AM
Lab ID: 1611147-018	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232956	1	11/15/2016 21:54	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-010-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:55:00 AM
Lab ID: 1611147-019	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232956	1	11/15/2016 21:57	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-011-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:50:00 AM
Lab ID: 1611147-020	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232956	1	11/15/2016 22:01	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-DF-011-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:51:00 AM
Lab ID: 1611147-021	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232958	1	11/15/2016 22:11	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-KS-001-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 6:04:00 AM
Lab ID: 1611147-022	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8								
				(E200.2)				
Lead	BRL	1.00		ug/L	232958	1	11/15/2016 22:36	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-KS-001-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 6:06:00 AM
Lab ID: 1611147-023	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232958	1	11/15/2016 22:39	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-KS-001-C
Project Name: DCSD - 4065	Collection Date: 11/2/2016 6:05:00 AM
Lab ID: 1611147-024	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232958	1	11/15/2016 22:43	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-KS-002-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 6:00:00 AM
Lab ID: 1611147-025	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8								
				(E200.2)				
Lead	BRL	1.00		ug/L	232958	1	11/15/2016 22:46	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-KS-002-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 6:01:00 AM
Lab ID: 1611147-026	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232958	1	11/15/2016 22:50	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-KS-003-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:43:00 AM
Lab ID: 1611147-027	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	1.13	1.00		ug/L	232958	1	11/15/2016 22:53	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-KS-003-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:44:00 AM
Lab ID: 1611147-028	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232958	1	11/15/2016 22:57	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-KS-004-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:37:00 AM
Lab ID: 1611147-029	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232958	1	11/15/2016 23:00	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-KS-004-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:38:00 AM
Lab ID: 1611147-030	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232958	1	11/15/2016 23:04	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-KS-005-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:31:00 AM
Lab ID: 1611147-031	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232958	1	11/15/2016 22:22	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-KS-005-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:32:00 AM
Lab ID: 1611147-032	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232958	1	11/15/2016 23:14	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-KS-006-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:25:00 AM
Lab ID: 1611147-033	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	1.90	1.00		ug/L	232958	1	11/15/2016 23:18	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-KS-006-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:26:00 AM
Lab ID: 1611147-034	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232958	1	11/15/2016 23:21	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-RS-001-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:45:00 AM
Lab ID: 1611147-035	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232958	1	11/15/2016 23:25	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-RS-001-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:46:00 AM
Lab ID: 1611147-036	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232958	1	11/15/2016 23:28	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-RS-002-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:48:00 AM
Lab ID: 1611147-037	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232958	1	11/15/2016 23:32	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-RS-002-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:49:00 AM
Lab ID: 1611147-038	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232958	1	11/15/2016 23:35	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-CS-001-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:13:00 AM
Lab ID: 1611147-039	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232958	1	11/15/2016 23:39	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-CS-001-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:14:00 AM
Lab ID: 1611147-040	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232958	1	11/15/2016 23:42	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-IM-001-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:17:00 AM
Lab ID: 1611147-041	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232472	1	11/09/2016 12:45	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-TL-001-A
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:52:00 AM
Lab ID: 1611147-042	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232434	1	11/08/2016 04:27	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 16-Nov-16

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-110216-TL-001-B
Project Name: DCSD - 4065	Collection Date: 11/2/2016 5:53:00 AM
Lab ID: 1611147-043	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	232434	1	11/08/2016 04:30	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client AEM

Work Order Number 161147

Checklist completed by [Signature] Date 11/2/14

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

Container/Temp Blank temperature in compliance? (0°≤6°C)* Yes No

Cooler #1 24 Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes No

Chain of custody signed when relinquished and received? Yes No

Chain of custody agrees with sample labels? Yes No

Samples in proper container/bottle? Yes No

Sample containers intact? Yes No

Sufficient sample volume for indicated test? Yes No

All samples received within holding time? Yes No

Was TAT marked on the COC? Yes No

Proceed with Standard TAT as per project history? Yes No Not Applicable

Water - VOA vials have zero headspace? No VOA vials submitted Yes No

Water - pH acceptable upon receipt? Yes No Not Applicable

Adjusted? _____ Checked by AJ

Sample Condition: Good Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes No

See Case Narrative for resolution of the Non-Conformance.

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

Client: Atlanta Environmental Mgmt
 Project Name: DCSD - 4065
 Workorder: 1611147

ANALYTICAL QC SUMMARY REPORT

BatchID: 232434

Sample ID: MB-232434	Client ID:	Units: ug/L	Prep Date: 11/07/2016	Run No: 329282							
SampleType: MBLK	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232434	Analysis Date: 11/08/2016	Seq No: 7152023							
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-232434	Client ID:	Units: ug/L	Prep Date: 11/07/2016	Run No: 329282							
SampleType: LCS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232434	Analysis Date: 11/08/2016	Seq No: 7152024							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 100.8 1.00 100.0 101 85 115

Sample ID: 1611157-041AMS	Client ID:	Units: ug/L	Prep Date: 11/07/2016	Run No: 329282							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232434	Analysis Date: 11/08/2016	Seq No: 7152026							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 94.69 1.00 100.0 0.1296 94.6 70 130

Sample ID: 1611157-051AMS	Client ID:	Units: ug/L	Prep Date: 11/07/2016	Run No: 329282							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232434	Analysis Date: 11/08/2016	Seq No: 7152029							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 95.19 1.00 100.0 0.05985 95.1 70 130

Sample ID: 1611157-041AMSD	Client ID:	Units: ug/L	Prep Date: 11/07/2016	Run No: 329282							
SampleType: MSD	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232434	Analysis Date: 11/11/2016	Seq No: 7161921							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 108.3 1.00 100.0 0.1296 108 70 130 94.69 13.4 20

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 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
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: Atlanta Environmental Mgmt
Project Name: DCSD - 4065
Workorder: 1611147

ANALYTICAL QC SUMMARY REPORT

BatchID: 232472

Sample ID: MB-232472	Client ID:	Units: ug/L	Prep Date: 11/08/2016	Run No: 329361							
SampleType: MBLK	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232472	Analysis Date: 11/08/2016	Seq No: 7153763							
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-232472	Client ID:	Units: ug/L	Prep Date: 11/08/2016	Run No: 329361							
SampleType: LCS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232472	Analysis Date: 11/08/2016	Seq No: 7153764							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 98.32 1.00 100.0 0.1853 98.1 85 115

Sample ID: 1611056-033AMS	Client ID:	Units: ug/L	Prep Date: 11/08/2016	Run No: 329361							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232472	Analysis Date: 11/08/2016	Seq No: 7153766							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 92.03 1.00 100.0 3.087 88.9 70 130

Sample ID: 1611604-007AMS	Client ID:	Units: ug/L	Prep Date: 11/08/2016	Run No: 329361							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232472	Analysis Date: 11/08/2016	Seq No: 7153771							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 121.1 1.00 100.0 22.06 99.0 70 130

Sample ID: 1611056-033AMSD	Client ID:	Units: ug/L	Prep Date: 11/08/2016	Run No: 329361							
SampleType: MSD	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232472	Analysis Date: 11/08/2016	Seq No: 7153767							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 97.43 1.00 100.0 3.087 94.3 70 130 92.03 5.70 20

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 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
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: Atlanta Environmental Mgmt
Project Name: DCSD - 4065
Workorder: 1611147

ANALYTICAL QC SUMMARY REPORT

BatchID: 232956

Sample ID: MB-232956	Client ID:	Units: ug/L	Prep Date: 11/15/2016	Run No: 329950							
SampleType: MBLK	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232956	Analysis Date: 11/15/2016	Seq No: 7170644							
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-232956	Client ID:	Units: ug/L	Prep Date: 11/15/2016	Run No: 329950							
SampleType: LCS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232956	Analysis Date: 11/15/2016	Seq No: 7170645							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 94.68 1.00 100.0 94.7 85 115

Sample ID: 1611147-001AMS	Client ID: 4065-110216-DF-002-A	Units: ug/L	Prep Date: 11/15/2016	Run No: 329950							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232956	Analysis Date: 11/15/2016	Seq No: 7170647							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 96.19 1.00 100.0 0.1478 96.0 70 130

Sample ID: 1611147-011AMS	Client ID: 4065-110216-DF-006-B	Units: ug/L	Prep Date: 11/15/2016	Run No: 329950							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232956	Analysis Date: 11/15/2016	Seq No: 7170650							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 97.51 1.00 100.0 0.1349 97.4 70 130

Sample ID: 1611147-001AMSD	Client ID: 4065-110216-DF-002-A	Units: ug/L	Prep Date: 11/15/2016	Run No: 329950							
SampleType: MSD	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232956	Analysis Date: 11/15/2016	Seq No: 7170648							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 96.77 1.00 100.0 0.1478 96.6 70 130 96.19 0.609 20

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 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
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: Atlanta Environmental Mgmt
Project Name: DCSD - 4065
Workorder: 1611147

ANALYTICAL QC SUMMARY REPORT

BatchID: 232958

Sample ID: MB-232958	Client ID:	Units: ug/L	Prep Date: 11/15/2016	Run No: 329951							
SampleType: MBLK	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232958	Analysis Date: 11/15/2016	Seq No: 7170811							
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-232958	Client ID:	Units: ug/L	Prep Date: 11/15/2016	Run No: 329951							
SampleType: LCS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232958	Analysis Date: 11/15/2016	Seq No: 7170812							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 101.6 1.00 100.0 102 85 115

Sample ID: 1611147-021AMS	Client ID: 4065-110216-DF-011-B	Units: ug/L	Prep Date: 11/15/2016	Run No: 329951							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232958	Analysis Date: 11/15/2016	Seq No: 7170814							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 98.09 1.00 100.0 0.5305 97.6 70 130

Sample ID: 1611147-031AMS	Client ID: 4065-110216-KS-005-A	Units: ug/L	Prep Date: 11/15/2016	Run No: 329951							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232958	Analysis Date: 11/15/2016	Seq No: 7170819							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 96.64 1.00 100.0 0.5539 96.1 70 130

Sample ID: 1611147-021AMSD	Client ID: 4065-110216-DF-011-B	Units: ug/L	Prep Date: 11/15/2016	Run No: 329951							
SampleType: MSD	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 232958	Analysis Date: 11/15/2016	Seq No: 7170815							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 98.29 1.00 100.0 0.5305 97.8 70 130 98.09 0.202 20

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 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
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Leona Miles

From: NoReply@aesatlanta.net
Sent: Wednesday, April 19, 2017 2:23 PM
To: leona-miles@aem-net.com; tim-royer@aem-net.com
Subject: DCSD - 4065
Attachments: 1704234_REPORT.pdf; 1704234Invoice.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 19, 2017

Leona Miles
Atlanta Environmental Mgmt
2580 NE Expressway
Atlanta GA 30345

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

RE: DCSD - 4065

Dear Leona Miles:

Order No: 1704234

Analytical Environmental Services, Inc. received 9 samples on 4/5/2017 7:30:00 AM for the analyses presented in following report.

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

AES's accreditations are as follows:

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

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

Ioana Pacurar
Project Manager



ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

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

CHAIN OF CUSTODY

Work Order: 1704234

Date: 4/5/17 Page 1 of 1

COMPANY: Atlanta Environmental Management, Inc		ADDRESS: 2580 Northeast Expressway, NE Atlanta, GA 30345			ANALYSIS REQUESTED										Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.	No # of Containers			
PHONE: (404) 329-9006		FAX: (404) 329-2057			Total Pb. Method 200.8														
SAMPLED BY: <i>Cynthia Jackson</i>		SIGNATURE: <i>[Signature]</i>			PRESERVATION (See codes)												REMARKS		
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	I												
1	4065-040517-SC-001-A	4/5/17	0514	X		DW	X												1
2	4065-040517-DF-012-A	4/5/17	0517	X		DW	X												1
3	4065-040517-DF-012-B	4/5/17	0518	X		DW	X												1
4	4065-040517-DF-013-A	4/5/17	0519	X		DW	X												1
5	4065-040517-DF-013-B	4/5/17	0520	X		DW	X												1
6	4065-040517-DF-009-A	4/5/17	0523	X		DW	X												1
7	4065-040517-DF-009-B	4/5/17	0524	X		DW	X												1
8	4065-040517-DF-001-A	4/5/17	0528	X		DW	X												1
9	4065-040517-DF-001-B	4/5/17	0529	X		DW	X												1
10																			
11																			
12																			
13																			
14																			
15																			
RELINQUISHED BY:		DATE/TIME		RECEIVED BY:		DATE/TIME		PROJECT INFORMATION										RECEIPT	
1: <i>[Signature]</i>		4/5/17 7:00		1: <i>[Signature]</i>		4/5/17 7:00		PROJECT NAME: DCSD										Total # of Containers	
2: <i>[Signature]</i>		4/5/17 7:30		2: <i>[Signature]</i>		4/5/17 7:30		PROJECT #: 1561-1601										Turnaround Time Request <input type="radio"/> Standard 5 Business Days <input type="radio"/> 2 Business Day Rush <input type="radio"/> Next Business Day Rush <input type="radio"/> Same Day Rush (auth req.) <input checked="" type="radio"/> Other: 10 business Days	
3:				3:				SITE ADDRESS: 4065											
SPECIAL INSTRUCTIONS/COMMENTS: Preserve at the Lab per protocol				SHIPMENT METHOD				SEND REPORT TO: Leona Miles and Tim Royer											
				OUT / VIA:				INVOICE TO: (IF DIFFERENT FROM ABOVE) leona-miles@aem-net.com; tim-royer@aem-net.com										STATE PROGRAM (if any):	
				IN / VIA:				QUOTE #:										E-mail? Y/N; Fax? Y/N	
				CLIENT / OTHER:		GREYHOUND		PO#:										DATA PACKAGE: I II III IV	

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 = Sediment SO = Soil SW = Surface Water DW=Drinking Water W = Water (Blanks) O = Other (specify)
 PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

Analytical Environmental Services, Inc

Date: 19-Apr-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-040517-SC-001-A
Project Name: DCSD - 4065	Collection Date: 4/5/2017 5:14:00 AM
Lab ID: 1704234-001	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8								
				(E200.2)				
Lead	BRL	1.00		ug/L	240994	1	04/13/2017 16:37	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 19-Apr-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-040517-DF-012-A
Project Name: DCSD - 4065	Collection Date: 4/5/2017 5:17:00 AM
Lab ID: 1704234-002	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	1.07	1.00		ug/L	240994	1	04/13/2017 16:44	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 19-Apr-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-040517-DF-012-B
Project Name: DCSD - 4065	Collection Date: 4/5/2017 5:18:00 AM
Lab ID: 1704234-003	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	2.19	1.00		ug/L	240994	1	04/13/2017 16:50	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 19-Apr-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-040517-DF-013-A
Project Name: DCSD - 4065	Collection Date: 4/5/2017 5:19:00 AM
Lab ID: 1704234-004	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	4.84	1.00		ug/L	240994	1	04/13/2017 16:56	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 19-Apr-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-040517-DF-013-B
Project Name: DCSD - 4065	Collection Date: 4/5/2017 5:20:00 AM
Lab ID: 1704234-005	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	240994	1	04/13/2017 17:02	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 19-Apr-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-040517-DF-009-A
Project Name: DCSD - 4065	Collection Date: 4/5/2017 5:23:00 AM
Lab ID: 1704234-006	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	529	1.00		ug/L	240994	1	04/13/2017 15:47	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 19-Apr-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-040517-DF-009-B
Project Name: DCSD - 4065	Collection Date: 4/5/2017 5:24:00 AM
Lab ID: 1704234-007	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	105	1.00		ug/L	240994	1	04/13/2017 17:09	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 19-Apr-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-040517-DF-001-A
Project Name: DCSD - 4065	Collection Date: 4/5/2017 5:28:00 AM
Lab ID: 1704234-008	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	240994	1	04/13/2017 17:15	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 19-Apr-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-040517-DF-001-B
Project Name: DCSD - 4065	Collection Date: 4/5/2017 5:29:00 AM
Lab ID: 1704234-009	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8								
				(E200.2)				
Lead	BRL	1.00		ug/L	240994	1	04/13/2017 17:21	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: _____

AES Work Order Number: _____

2. Carrier: FedEx UPS USPS Client Courier Other _____

	Yes	No	N/A	Details	Comments
3. Shipping container/cooler received in good condition?				damaged <input type="checkbox"/> leaking <input type="checkbox"/> other <input type="checkbox"/>	
4. Custody seals present on shipping container?					
5. Custody seals intact on shipping container?					
6. Temperature blanks present?					
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]				Cooling initiated for recently collected samples / ice present <input type="checkbox"/>	
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 Terms & Conditions. <input type="checkbox"/>	

13. Cooler 1 Temperature _____ °C Cooler 2 Temperature _____ °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C
 Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). _____

	Yes	No	N/A	Details	Comments
16. Were sample containers intact upon receipt?					
17. Custody seals present on sample containers?					
18. Custody seals intact on sample containers?					
19. Do sample container labels match the COC?				incomplete info <input type="checkbox"/> illegible <input type="checkbox"/> no label <input type="checkbox"/> other <input type="checkbox"/>	
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 <input type="checkbox"/> samples listed on COC not received <input type="checkbox"/>	
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 <input type="checkbox"/> not listed on COC <input type="checkbox"/>	

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). _____

	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked?					
29. Containers meet preservation guidelines?					
30. Was pH adjusted?					

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

Client: Atlanta Environmental Mgmt
 Project Name: DCSD - 4065
 Workorder: 1704234

ANALYTICAL QC SUMMARY REPORT

BatchID: 240994

Sample ID: MB-240994	Client ID:	Units: ug/L	Prep Date: 04/13/2017	Run No: 340709							
SampleType: MBLK	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 240994	Analysis Date: 04/13/2017	Seq No: 7457511							
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-240994	Client ID:	Units: ug/L	Prep Date: 04/13/2017	Run No: 340709							
SampleType: LCS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 240994	Analysis Date: 04/13/2017	Seq No: 7457512							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 102.2 1.00 100.0 102 85 115

Sample ID: 1704233-001AMS	Client ID:	Units: ug/L	Prep Date: 04/13/2017	Run No: 340709							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 240994	Analysis Date: 04/13/2017	Seq No: 7457514							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 102.3 1.00 100.0 0.7422 102 70 130

Sample ID: 1704234-006AMS	Client ID: 4065-040517-DF-009-A	Units: ug/L	Prep Date: 04/13/2017	Run No: 340709							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 240994	Analysis Date: 04/13/2017	Seq No: 7457517							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 629.2 1.00 100.0 528.5 101 70 130

Sample ID: 1704233-001AMSD	Client ID:	Units: ug/L	Prep Date: 04/13/2017	Run No: 340709							
SampleType: MSD	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 240994	Analysis Date: 04/13/2017	Seq No: 7457515							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 99.32 1.00 100.0 0.7422 98.6 70 130 102.3 2.92 20

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 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
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Leona Miles

From: NoReply@aesatlanta.net
Sent: Monday, October 30, 2017 5:56 PM
To: leona-miles@aem-net.com; tim-royer@aem-net.com
Subject: DCSD - 4065
Attachments: 1710K60_REPORT.pdf; 1710K60Invoice.pdf

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

AES Reporting System

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

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ANALYTICAL ENVIRONMENTAL SERVICES, INC.

October 30, 2017

Leona Miles
Atlanta Environmental Mgmt
2580 NE Expressway
Atlanta GA 30345

RE: DCSD - 4065

Dear Leona Miles:

Order No: 1710K60

Analytical Environmental Services, Inc. received 2 samples on 10/20/2017 12:25:00 PM for the analyses presented in following report.

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

AES's accreditations are as follows:

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

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

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

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/17.

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

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

Sincerely,

Ioana Pacurar
Project Manager



ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

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

CHAIN OF CUSTODY

Work Order: 170K60

Date: 10/20/17 Page 1 of 1

COMPANY: Atlanta Environmental Management Inc		ADDRESS: 2580 Northeast Expressway NE Atlanta, GA 30345			ANALYSIS REQUESTED				Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.	No # of Containers	
PHONE: 404-329-9006		FAX: 404-329-2057			PRESERVATION (See codes)						REMARKS
SAMPLED BY: <u>Tim Royer</u>		SIGNATURE: 									
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	I	ANALYSIS REQUESTED			
		DATE	TIME								
1	4065-102017-DF-009-A	10/20/17	0502	X		DW	X				
2	4065-102017-DF-009-B	10/20/17	0503	X		DW	X				
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	PROJECT INFORMATION				RECEIPT	
1:	10/20/17 1225	1:	10/20/17 1225	PROJECT NAME:	DCSD			Total # of Containers	
2:		2:	10/20/17 1225	PROJECT #:	1561-1601			Turnaround Time Request	
3:		3:		SITE ADDRESS:	4065			<input type="radio"/> Standard 5 Business Days <input type="radio"/> 2 Business Day Rush <input type="radio"/> Next Business Day Rush <input type="radio"/> Same Day Rush (auth req.) <input checked="" type="radio"/> Other: 10-business Days	
SPECIAL INSTRUCTIONS/COMMENTS: <u>preserve at lab</u>		SHIPMENT METHOD OUT <u>/ /</u> VIA: IN <u>CLIENT</u> FedEx UPS MAIL COURIER GREYHOUND OTHER _____		SEND REPORT TO:	leona-miles@aem-net.com			STATE PROGRAM (if any): _____	
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.				INVOICE TO:	Leona Miles (IF DIFFERENT FROM ABOVE)			E-mail? Y/N; Fax? Y/N	
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.				QUOTE #:	PO#:			DATA PACKAGE: I II III IV	

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

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

Analytical Environmental Services, Inc

Date: 30-Oct-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-102017-DF-009-A
Project Name: DCSD - 4065	Collection Date: 10/20/2017 5:02:00 AM
Lab ID: 1710K60-001	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8								
				(E200.2)				
Lead	BRL	1.00		ug/L	250331	1	10/27/2017 05:56	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

Analytical Environmental Services, Inc

Date: 30-Oct-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 4065-102017-DF-009-B
Project Name: DCSD - 4065	Collection Date: 10/20/2017 5:03:00 AM
Lab ID: 1710K60-002	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	2.73	1.00		ug/L	250331	1	10/27/2017 06:02	JR

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

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

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: _____

AES Work Order Number: _____

2. Carrier: FedEx UPS USPS Client Courier Other _____

	Yes	No	N/A	Details	Comments
3. Shipping container/cooler received in good condition?				damaged <input type="checkbox"/> leaking <input type="checkbox"/> other <input type="checkbox"/>	
4. Custody seals present on shipping container?					
5. Custody seals intact on shipping container?					
6. Temperature blanks present?					
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]				Cooling initiated for recently collected samples / ice present <input type="checkbox"/>	
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 Terms & Conditions. <input type="checkbox"/>	

13. Cooler 1 Temperature _____ °C Cooler 2 Temperature _____ °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C
 Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). _____

	Yes	No	N/A	Details	Comments
16. Were sample containers intact upon receipt?					
17. Custody seals present on sample containers?					
18. Custody seals intact on sample containers?					
19. Do sample container labels match the COC?				incomplete info <input type="checkbox"/> illegible <input type="checkbox"/> no label <input type="checkbox"/> other <input type="checkbox"/>	
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 <input type="checkbox"/> samples listed on COC not received <input type="checkbox"/>	
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 <input type="checkbox"/> not listed on COC <input type="checkbox"/>	

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). _____

	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked? *					
29. Containers meet preservation guidelines?					
30. Was pH adjusted at Sample Receipt?					

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

Client: Atlanta Environmental Mgmt
 Project Name: DCSD - 4065
 Workorder: 1710K60

ANALYTICAL QC SUMMARY REPORT

BatchID: 250331

Sample ID: MB-250331	Client ID:	Units: ug/L	Prep Date: 10/23/2017	Run No: 355068							
SampleType: MBLK	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 250331	Analysis Date: 10/23/2017	Seq No: 7816088							
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-250331	Client ID:	Units: ug/L	Prep Date: 10/23/2017	Run No: 355068							
SampleType: LCS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 250331	Analysis Date: 10/23/2017	Seq No: 7816089							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 93.42 1.00 100.0 93.4 85 115

Sample ID: 1710I15-001AMS	Client ID:	Units: ug/L	Prep Date: 10/23/2017	Run No: 355068							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 250331	Analysis Date: 10/23/2017	Seq No: 7816091							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 100.5 1.00 100.0 8.693 91.8 70 130

Sample ID: 1710K42-008AMS	Client ID:	Units: ug/L	Prep Date: 10/23/2017	Run No: 355068							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 250331	Analysis Date: 10/23/2017	Seq No: 7816094							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 105.7 1.00 100.0 13.16 92.5 70 130

Sample ID: 1710I15-001AMSD	Client ID:	Units: ug/L	Prep Date: 10/23/2017	Run No: 355068							
SampleType: MSD	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 250331	Analysis Date: 10/23/2017	Seq No: 7816092							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 100.3 1.00 100.0 8.693 91.6 70 130 100.5 0.150 20

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 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
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix