



November 28, 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  
Avondale High/DSA Facility (Facility ID #1051)  
1192 Clarendon Avenue, Avondale Estates, Georgia 30002  
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 Avondale High/DSA Facility (Facility ID #1051). Additional drinking water samples from select source units were collected on October 3, 2017, and November 2, 2017, and analytical results were received from Analytical Environmental Services, Inc., on October 13, 2017, and November 14, 2017.

## **FINDINGS**

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

During the initial sampling event on January 5, 2017, two source units (DF-010 and OT-001) were inoperable and could not be sampled. DCSD made repairs to the inoperable source units and AEM collected four drinking water samples on October 3, 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 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 January 5, 2017, six source units were sampled and the analytical results indicated that the results were above EPA's action level of 15 ppb. DCSD replaced the source units and AEM collected eight drinking water samples on October 3, 2017. An attempt was made to collect drinking water samples from source units DF-005 and DF-007; however, the units were inoperable. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 2.

None of the samples collected from source units DF-023 and CS-001 had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 ppb.

One or more samples collected from source units DF-011 and RS-002 contained lead at a concentration at or above EPA's action level of 15 ppb. DCSD replaced the source units with

new fixtures and also repaired source units DF-005 and DF-007 and AEM collected eight drinking water samples on November 2, 2017.

None of the samples collected from source units DF-005, DF-007, and DF-011 had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 ppb. One or more of the samples collected from RS-002 contained lead at a concentration at or above EPA's action level of 15 ppb. DCSD made the decision to remove source unit RS-002 from service and then capped the lines. Thus, no further testing of RS-002 will be conducted.

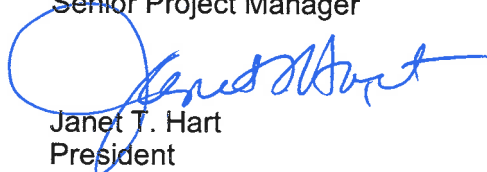
We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

Sincerely,

**Atlanta Environmental Management, Inc.**



Leona Miles, CHMM  
Senior Project Manager



Janet T. Hart  
President

/krf

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

---

# TABLES

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

**Avondale High/DSA Facility**  
1192 Clarendon Avenue, Avondale Estates, GA 30002



Sample ID**/**	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1051-100317-DF-010-A	Initial Draw Sample; Single Elkay Drinking Fountain near Rm 104	10/3/17 5:28 AM	5.65
1051-100317-DF-010-B	Initial Draw Sample; Single Elkay Drinking Fountain near Rm 104	10/3/17 5:29 AM	7.53
1051-100317-OT-001-A	Initial Draw Sample; Sink in Concession Stand in the Gym	10/3/17 6:07 AM	13.6
1051-100317-OT-001-B	Flush Sample; Sink in Concession Stand in the Gym	10/3/17 6:08 AM	1.04

**Notes:**

ppb-parts per billion

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

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

\*\* Source unit was inoperable on the initial test date (1/5/17). The above summarizes the results of the initial testing of this unit post-repair

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

**Avondale High/DSA Facility**  
**1192 Clarendon Avenue, Avondale Estates, GA 30002**



Sample ID**/**	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1051-110217-DF-005-A	Initial Draw sample; Wall Mounted Elkay Drinking Fountain on right near Gym and Concessions/Rm 93	11/2/17 5:31 AM	1.12
1051-110217-DF-005-B	Flush sample; Wall Mounted Elkay Drinking Fountain on right near Gym and Concessions/Rm 93	11/2/17 5:32 AM	1.18
1051-110217-DF-007-A	Initial Draw sample; Left Elkay Drinking Fountain near Rm 214	11/2/17 5:23 AM	3.61
1051-110217-DF-007-B	Flush sample; Left Elkay Drinking Fountain near Rm 214	11/2/17 5:24 AM	4.58
1051-110217-DF-011-A	Initial Draw sample; Left Elkay Drinking Fountain in hallway across from Rm 117	11/2/17 5:05 AM	4.28
1051-110217-DF-011-B	Flush sample; Left Elkay Drinking Fountain in hallway across from Rm 117	11/2/17 5:06 AM	3.99
1051-100317-DF-023-A	Initial Draw sample; Single wall mounted Elkay Drinking Fountain in hallway across from Library	10/3/17 5:20 AM	11.1
1051-100317-DF-023-B	Flush sample; Single wall mounted Elkay Drinking Fountain in hallway across from Library	10/3/17 5:21 AM	8.50
1051-100317-CS-001-A	Initial Draw sample; Retest Sampled sink labeled "Meat Sink Only" in back of Kitchen	10/3/17 5:36 AM	1.18
1051-100317-CS-001-B	Flush sample; Retest Sampled sink labeled "Meat Sink Only" in back of Kitchen	10/3/17 5:37 AM	None Detected

**Notes:**

ppb-parts per billion

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

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

\*\* Source unit was initially sampled on 1/5/17 and the initial result indicated that the concentration exceeded the EPA standard of 15 ppb. The source unit was replaced by DCSD and retesting was conducted. The above summarizes the retesting results



January 17, 2018

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

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

**Re: Lead in Drinking Water Sampling Report  
Avondale High/DSA Facility (Facility ID #1051)  
1192 Clarendon Avenue, Avondale Estates, Georgia 30002  
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 Avondale High School/DSA Facility (Facility ID #1051).

Initial sampling was conducted on January 5, 2017, and analytical results were received from Analytical Environmental Services, Inc., on January 19, 2017. Additional drinking water samples from select source units were collected on October 3, 2017, and November 2, 2017, and analytical results were received from Analytical Environmental Services, Inc., on October 13, 2017, and November 14, 2017.

## **FINDINGS**

### ***Initial Testing***

AEM collected 60 drinking water samples from 30 sources at Avondale High/DSA Facility (Facility ID #1051), including 2 duplicate samples (see Figure 1). Samples were collected in accordance with the Water Sampling Methodology Protocol for DeKalb County School District, dated September 12, 2016. A copy of AEM's Field Sampling Notes is provided in Attachment A.

A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 1. Six of the sources sampled had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 parts per billion (ppb). These sources are indicated in bold and shaded font in the attached table. A copy of the AES laboratory analytical report is provided in Attachment B.

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

During the initial sampling event on January 5, 2017, two source units (DF-010 and OT-001) were inoperable and/or inaccessible and could not be sampled. DCSD made repairs and provided access to the source units and AEM collected four drinking water samples on October 3, 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 result at a concentration at or above EPA's action level of 15 ppb.

### ***Sample Results of Previously Identified Source Units That Exceeded 15 ppb***

During the initial sampling event on January 5, 2017, six source units (DF-005, DF-007, DF-011, DF-023, RS-002, and CS-001) were sampled and the analytical results indicated that the concentrations were above EPA's action level of 15 ppb. DCSD replaced the source units and AEM collected eight drinking water samples from DF-011, DF-023, RS-002, and CS-001 on October 3, 2017. An attempt was made to collect drinking water samples from source units DF-005 and DF-007; however, the units were inoperable. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 1.

None of the samples collected from source units DF-023 and CS-001 had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 ppb.

One or more samples collected from source units DF-011 and RS-002 contained lead at a concentration at or above EPA's action level of 15 ppb. DCSD replaced the source units with new fixtures and also repaired source units DF-005 and DF-007 and AEM collected eight drinking water samples on November 2, 2017.

None of the samples collected from source units DF-005, DF-007, and DF-011 had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 ppb (see Table 1).

One or more of the samples collected from RS-002 contained lead at a concentration at or above EPA's action level of 15 ppb. DCSD made the decision to remove source unit RS-002 from service and then capped the lines (see Table 1). Thus, no further testing of RS-002 will be conducted.

### ***Initial Sample Results of Previously Identified Source Units Not Sampled***

During the initial sampling event on January 5, 2017, six source units (CS-002 through CS-007) were not initially identified as a drinking water source per the Sampling Protocol. The Sampling Protocol was revised, and out of an abundance of caution it was determined that these source units should be sampled. Thus, on October 3, 2017, AEM collected 12 drinking water samples. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 1.

None of the samples collected from source units CS-003 and CS-006 had a result at a concentration at or above EPA's action level of 15 ppb. One or more of the samples collected from source units CS-002, CS-004, CS-005, and CS-007 contained lead at a concentration at or above EPA's action level of 15 ppb (see Table 1). These units remained out of service to evaluate remedial alternatives.

DCSD replaced the faucets on source units CS-002, CS-004, CS-005, and CS-007 and AEM collected eight drinking water samples on November 2, 2017. One or more of the samples collected from source units CS-002, CS-004, CS-005, and CS-007 contained lead at a concentration at or above EPA's action level of 15 ppb. DCSD made the decision to remove source units CS-002, CS-004, CS-005, and CS-007 from service and then capped the lines (see Table 1). Thus, no further testing of these source units will be conducted.

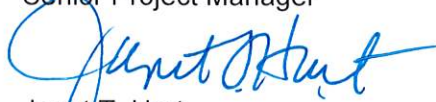
We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

Sincerely,

**Atlanta Environmental Management, Inc.**



Leona Miles, CHMM  
Senior Project Manager



Janet T. Hart  
President

/krf

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

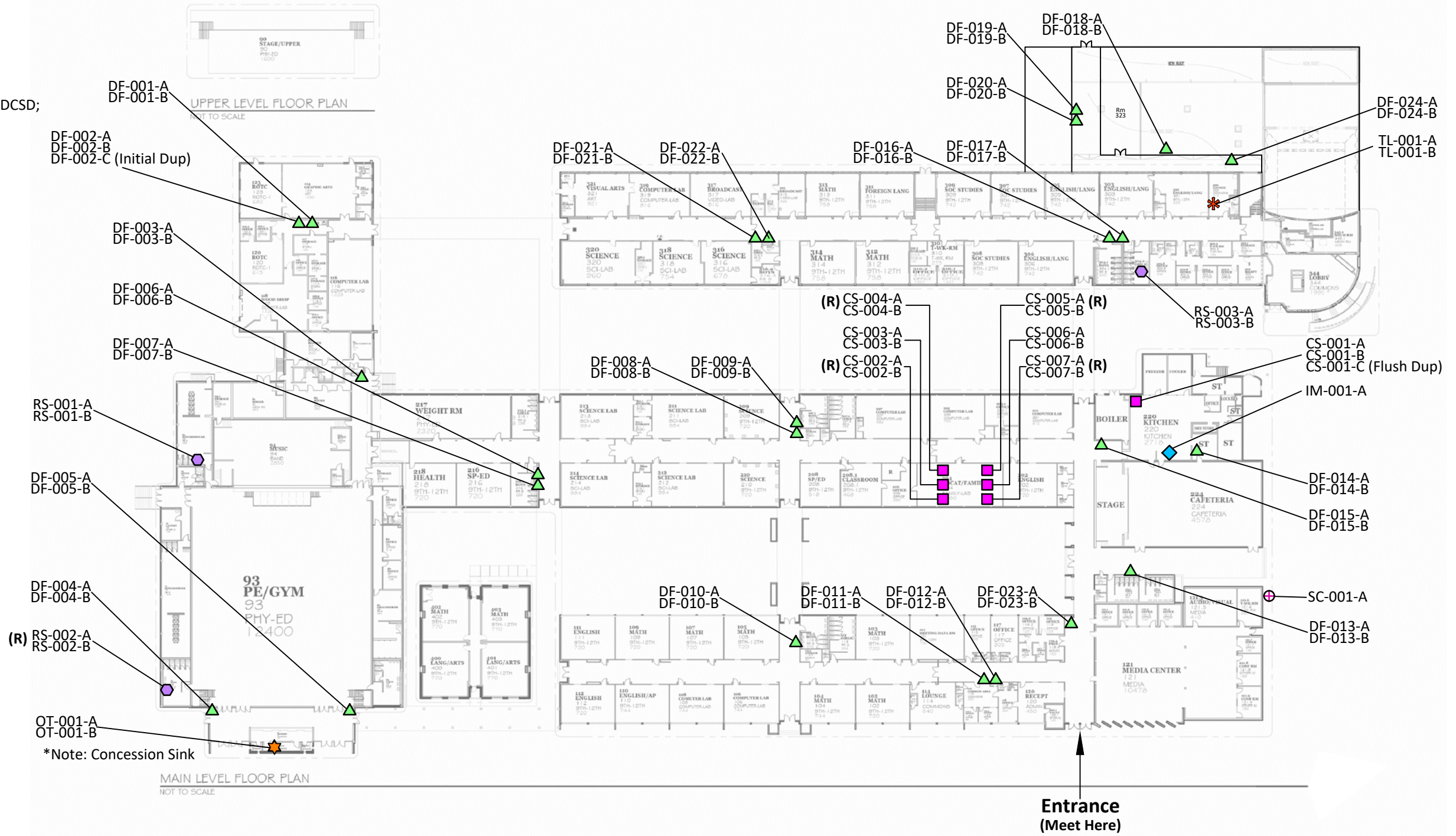



---

# FIGURE

# Legend

- - Cafeteria Sink (CS)
- ▲ - Drinking Fountain (DF)
- ◆ - Ice Maker (IM)
- ★ - Concession Sink (OT)
- - Restroom Sink (RS)
- ⊕ - Service Connection (SC)
- ✱ - Teachers Lounge (TL)
- (R) - Source Unit Removed by DCSD;  
Will Not Be Replaced



 <b>Atlanta Environmental Management, Inc.</b> 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: Avondale High/DSA Facility (#1051) 1192 Clarendon Avenue Avondale Estates, GA 30002	
PROJECT #:	1561-1601-1051	DATE:	January 12, 2018
DRAWN BY:	AL	REVISED:	---
CHECKED BY:	TR	SCALE:	NTS
PROJECT MGR:	LM	PRINTED:	1/12/2018 12:59 PM
<b>Sample Location Plan</b>			Figure <b>1</b>

G:\DWG\1561-1601 DeKalb County Schools\1051\1051

---

# TABLE

**Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results**  
**Avondale High/DSA Facility**  
**1192 Clarendon Avenue, Avondale Estates, GA 30002**



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1051-010517-DF-001-A	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway outside graphics arts room; Rm 124	1/5/17 5:33 AM	None Detected
1051-010517-DF-001-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway outside graphics arts room; Rm 124	1/5/17 5:34 AM	1.04
1051-010517-DF-002-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway outside graphics arts room; Rm 124	1/5/17 5:30 AM	None Detected
1051-010517-DF-002-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway outside graphics arts room; Rm 124	1/5/17 5:32 AM	1.06
1051-010517-DF-002-C	Initial Draw Duplicate sample; Upper Left wall mounted Elkay Drinking Fountain in hallway outside graphics arts room; Rm 124	1/5/17 5:31 AM	None Detected
1051-010517-DF-003-A	Initial Draw sample; Single wall mounted Oasis Drinking Fountain in hallway down from Music room (Rm 94)	1/5/17 5:21 AM	2.38
1051-010517-DF-003-B	Flush sample; Single wall mounted Oasis Drinking Fountain in hallway down from Music room (Rm 94)	1/5/17 5:22 AM	2.61
1051-010517-DF-004-A	Initial Draw sample; Wall Mounted Drinking Fountain on left near Concessions/Rm 93; Missing handle	1/5/17 5:07 AM	1.62
1051-010517-DF-004-B	Flush sample; Wall Mounted Drinking Fountain on left near Concessions/Rm 93; Missing handle; Sample was fizzy and white	1/5/17 5:08 AM	13.4
1051-010517-DF-005-A	Initial Draw sample; Wall Mounted Elkay Drinking Fountain on right near Concessions/Rm 93; Missing Spout	1/5/17 5:17 AM	None Detected
1051-010517-DF-005-B	Flush sample; Wall Mounted Elkay Drinking Fountain on right near Concessions/Rm 93; Missing Spout	1/5/17 5:18 AM	<b>20.2</b>
1051-100317-DF-005-A	Not Sampled; Wall Mounted Elkay Drinking Fountain on right near Concessions/Rm 93; Not Plugged In	NS	NS
1051-100317-DF-005-B	Not Sampled; Wall Mounted Elkay Drinking Fountain on right near Concessions/Rm 93; Not Plugged In	NS	NS
1051-110217-DF-005-A	Initial Draw sample; Wall Mounted Elkay Drinking Fountain on right near Gym and Concessions/Rm 93	11/2/17 5:31 AM	1.12
1051-110217-DF-005-B	Flush sample; Wall Mounted Elkay Drinking Fountain on right near Gym and Concessions/Rm 93	11/2/17 5:32 AM	1.18

**Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results**  
**Avondale High/DSA Facility**  
**1192 Clarendon Avenue, Avondale Estates, GA 30002**



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1051-010517-DF-006-A	Initial Draw sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway around corner from Rm 214; Sample slightly turbid	1/5/17 5:14 AM	4.08
1051-010517-DF-006-B	Flush sample; Right wall mounted Halsey Taylor Drinking Fountain in hallway around corner from Rm 214; Sample slightly turbid	1/5/17 5:15 AM	3.97
1051-010517-DF-007-A	Initial Draw sample; Left spigot on left wall mounted Standard Drinking Fountain in hallway around corner from Rm 214; Sample slightly turbid	1/5/17 5:16 AM	<b>111</b>
1051-010517-DF-007-B	Flush sample; Left spigot on left wall mounted Standard Drinking Fountain in hallway around corner from Rm 214; Sample slightly turbid	1/5/17 5:17 AM	<b>20.4</b>
1051-100317-DF-007-A	Not Sampled; Elkay Drinking Fountain near Rm 214; Not Plugged In	NS	NS
1051-100317-DF-007-B	Not Sampled; Elkay Drinking Fountain near Rm 214; Not Plugged In	NS	NS
1051-110217-DF-007-A	Initial Draw sample; Left Elkay Drinking Fountain near Rm 214	11/2/17 5:23 AM	3.61
1051-110217-DF-007-B	Flush sample; Left Elkay Drinking Fountain near Rm 214	11/2/17 5:24 AM	4.58
1051-010517-DF-008-A	Initial Draw sample; Upper Right wall mounted Halsey Taylor Drinking Fountain in hallway around corner from Rm 209	1/5/17 5:05 AM	1.41
1051-010517-DF-008-B	Flush sample; Upper Right wall mounted Halsey Taylor Drinking Fountain in hallway around corner from Rm 209	1/5/17 5:06 AM	3.92
1051-010517-DF-009-A	Initial Draw sample; Lower Left wall mounted Elkay Drinking Fountain in hallway around corner from Rm 209	1/5/17 5:07 AM	4.28
1051-010517-DF-009-B	Flush sample; Lower Left wall mounted Elkay Drinking Fountain in hallway around corner from Rm 209	1/5/17 5:08 AM	4.98
1051-010517-DF-010-A	Not Sampled; Inoperable Drinking Fountain to right of Rm 105	NS	NS
1051-010517-DF-010-B	Not Sampled; Inoperable Drinking Fountain to right of Rm 105	NS	NS
1051-100317-DF-010-A	Initial Draw Sample; Single Elkay Drinking Fountain near Rm 104	10/3/17 5:28 AM	5.65
1051-100317-DF-010-B	Initial Draw Sample; Single Elkay Drinking Fountain near Rm 104	10/3/17 5:29 AM	7.53
1051-010517-DF-011-A	Initial Draw sample; Left spigot on left Halsey Taylor Drinking Fountain in hallway across from Rm 117	1/5/17 4:55 AM	<b>17.4</b>
1051-010517-DF-011-B	Flush sample; Left spigot on left Halsey Taylor Drinking Fountain in hallway across from Rm 117	1/5/17 4:56 AM	3.40
1051-100317-DF-011-A	Initial Draw sample; Retest Left spigot on left Halsey Taylor Drinking Fountain in hallway across from Rm 117	10/3/17 5:24 AM	<b>17.0</b>

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

**Avondale High/DSA Facility**

**1192 Clarendon Avenue, Avondale Estates, GA 30002**



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1051-100317-DF-011-B	Flush sample; Retest Left spigot on left Halsey Taylor Drinking Fountain in hallway across from Rm 117	10/3/17 5:25 AM	5.86
1051-110217-DF-011-A	Initial Draw sample; Left Elkay Drinking Fountain in hallway across from Rm 117	11/2/17 5:05 AM	4.28
1051-110217-DF-011-B	Flush sample; Left Elkay Drinking Fountain in hallway across from Rm 117	11/2/17 5:06 AM	3.99
1051-010517-DF-012-A	Initial Draw sample; Right wall mounted Kelvinator Drinking Fountain in hallway across from 117	1/5/17 4:57 AM	1.69
1051-010517-DF-012-B	Flush sample; Right wall mounted Kelvinator Drinking Fountain in hallway across from 117	1/5/17 4:58 AM	1.60
1051-010517-DF-013-A	Initial Draw sample; Single wall mounted Elkay Drinking Fountain in hallway across from Cafeteria	1/5/17 5:18 AM	7.76
1051-010517-DF-013-B	Flush sample; Single wall mounted Elkay Drinking Fountain in hallway across from Cafeteria	1/5/17 5:19 AM	11.3
1051-010517-DF-014-A	Initial Draw sample; Food Prep sink in Kitchen; leaking upon arrival	1/5/17 5:12 AM	2.19
1051-010517-DF-014-B	Flush sample; Food Prep sink in Kitchen; leaking upon arrival	1/5/17 5:13 AM	None Detected
1051-010517-DF-015-A	Initial Draw sample; Single wall mounted Oasis Drinking Fountain in hallway across from Rm 201	1/5/17 5:24 AM	7.58
1051-010517-DF-015-B	Flush sample; Single wall mounted Oasis Drinking Fountain in hallway across from Rm 201	1/5/17 5:25 AM	10.0
1051-010517-DF-016-A	Initial Draw sample; Upper Right wall mounted Oasis Drinking Fountain in hallway near Rm 303 in the Art School	1/5/17 5:29 AM	None Detected
1051-010517-DF-016-B	Flush sample; Upper Right wall mounted Oasis Drinking Fountain in hallway near Rm 303 in the Art School	1/5/17 5:30 AM	None Detected
1051-010517-DF-017-A	Initial Draw sample; Lower Left wall mounted Oasis Drinking Fountain in hallway near Rm 303 in the Art School	1/5/17 5:31 AM	None Detected
1051-010517-DF-017-B	Flush sample; Lower Left wall mounted Oasis Drinking Fountain in hallway near Rm 303 in the Art School	1/5/17 5:32 AM	None Detected
1051-010517-DF-018-A	Initial Draw sample; Single wall mounted Oasis Drinking Fountain in Dance Studio of Art School	1/5/17 5:07 AM	None Detected
1051-010517-DF-018-B	Flush sample; Single wall mounted Oasis Drinking Fountain in Dance Studio of Art School	1/5/17 5:08 AM	1.00



**Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results**  
**Avondale High/DSA Facility**  
**1192 Clarendon Avenue, Avondale Estates, GA 30002**



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1051-010517-DF-019-A	Initial Draw sample; Upper Right wall mounted Oasis Drinking Fountain in hallway across from Rm 322 in the Art School	1/5/17 5:11 AM	1.12
1051-010517-DF-019-B	Flush sample; Upper Right wall mounted Oasis Drinking Fountain in hallway across from Rm 322 in the Art School	1/5/17 5:12 AM	4.35
1051-010517-DF-020-A	Initial Draw sample; Lower Left wall mounted Oasis Drinking Fountain in hallway across from Rm 322 in the Art School	1/5/17 5:13 AM	2.26
1051-010517-DF-020-B	Flush sample; Lower Left wall mounted Oasis Drinking Fountain in hallway across from Rm 322 in the Art School	1/5/17 5:14 AM	3.76
1051-010517-DF-021-A	Initial Draw sample; Upper Right wall mounted Oasis Drinking Fountain in hallway by Rm 316.1	1/5/17 5:42 AM	None Detected
1051-010517-DF-021-B	Flush sample; Upper Right wall mounted Oasis Drinking Fountain in hallway by Rm 316.1	1/5/17 5:43 AM	None Detected
1051-010517-DF-022-A	Initial Draw sample; Lower Left wall mounted Oasis Drinking Fountain in hallway by Rm 316.1	1/5/17 5:44 AM	None Detected
1051-010517-DF-022-B	Flush sample; Lower Left wall mounted Oasis Drinking Fountain in hallway by Rm 316.1	1/5/17 5:45 AM	None Detected
1051-010517-DF-023-A	Initial Draw sample; Single wall mounted Oasis Drinking Fountain in hallway across from Library	1/5/17 5:36 AM	<b>34.9</b>
1051-010517-DF-023-B	Flush sample; Single wall mounted Oasis Drinking Fountain in hallway across from Library	1/5/17 5:37 AM	<b>37.8</b>
1051-100317-DF-023-A	Initial Draw sample; Single wall mounted Elkay Drinking Fountain in hallway across from Library	10/3/17 5:20 AM	11.1
1051-100317-DF-023-B	Flush sample; Single wall mounted Elkay Drinking Fountain in hallway across from Library	10/3/17 5:21 AM	8.50
1051-010517-DF-024-A	Initial Draw sample; Single wall mounted Drinking Fountain in hallway lower level near Rm 323 and stairwell	1/5/17 5:39 AM	None Detected
1051-010517-DF-024-B	Flush sample; Single wall mounted Drinking Fountain in hallway lower level near Rm 323 and stairwell	1/5/17 5:40 AM	None Detected
1051-010517-RS-001-A	Initial Draw sample; Locker room (Rm 93) at front right of Gym; Sampled left sink	1/5/17 5:00 AM	8.06

**Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results**  
**Avondale High/DSA Facility**  
**1192 Clarendon Avenue, Avondale Estates, GA 30002**



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1051-010517-RS-001-B	Flush sample; Locker room (Rm 93) at front right of Gym; Sampled left sink	1/5/17 5:01 AM	1.45
1051-010517-RS-002-A	Initial Draw sample; Sampled right most sink in Girls RR at back of Gym; Rm 93; Currently being used for storage	1/5/17 5:43 AM	211
1051-010517-RS-002-B	Flush sample; Sampled right most sink in Girls RR at back of Gym; Rm 93; Currently being used for storage	1/5/17 5:44 AM	33.6
1051-100317-RS-002-A	Initial Draw sample; Retest Sampled right most sink in Girls RR at back of Gym; Rm 93	10/3/17 6:02 AM	71.5
1051-100317-RS-002-B	Flush sample; Retest Sampled right most sink in Girls RR at back of Gym; Rm 93	10/3/17 6:03 AM	4.59
1051-110217-RS-002-A	Initial Draw sample; Retest Sampled right most sink in Girls RR at back of Gym; Rm 93; <b>DCSD Removed the right most sink and it is no longer in service. No further testing is to be conducted.</b>	11/2/17 5:36 AM	60.8
1051-110217-RS-002-B	Flush sample; Retest Sampled right most sink in Girls RR at back of Gym; Rm 93; <b>DCSD Removed the right most sink and it is no longer in service. No further testing is to be conducted.</b>	11/2/17 5:37 AM	5.74
1051-010517-RS-003-A	Initial Draw sample; Sampled Left sink in Girls RR near Rm 303	1/5/17 5:25 AM	3.03
1051-010517-RS-003-B	Flush sample; Sampled Left sink in Girls RR near Rm 303	1/5/17 5:26 AM	None Detected
1051-010517-TL-001-A	Initial Draw sample; Sampled sink in Teachers Lounge/Rm 300 in Art School	1/5/17 5:22 AM	None Detected
1051-010517-TL-001-B	Flush sample; Sampled sink in Teachers Lounge/Rm 300 in Art School	1/5/17 5:23 AM	None Detected
1051-010517-OT-001-A	Not Sampled; Concession stand not in service	NS	NS
1051-010517-OT-001-B	Not Sampled; Concession stand not in service	NS	NS
1051-100317-OT-001-A	Initial Draw Sample; Sink in Concession Stand in the Gym	10/3/17 6:07 AM	13.6
1051-100317-OT-001-B	Flush Sample; Sink in Concession Stand in the Gym	10/3/17 6:08 AM	1.04
1051-010517-CS-001-A	Initial Draw sample; Sampled sink labeled "Meat Sink Only" in back of Kitchen	1/5/17 4:57 AM	508
1051-010517-CS-001-B	Flush sample; Sampled sink labeled "Meat Sink Only" in back of Kitchen	1/5/17 4:58 AM	10.1
1051-010517-CS-001-C	Flush Duplicate sample; Sampled sink labled "Meat Sink Only" in back of Kitchen	1/5/17 4:59 AM	6.82
1051-100317-CS-001-A	Initial Draw sample; Retest Sampled sink labeled "Meat Sink Only" in back of Kitchen	10/3/17 5:36 AM	1.18
1051-100317-CS-001-B	Flush sample; Retest Sampled sink labeled "Meat Sink Only" in back of Kitchen	10/3/17 5:37 AM	None Detected



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

Avondale High/DSA Facility

1192 Clarendon Avenue, Avondale Estates, GA 30002



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1051-100317-CS-002-A	Initial Draw Sample; Sink beneath the windows to the right of the entrance to Rm 204	10/3/17 5:41 AM	15.7
1051-100317-CS-002-B	Flush Sample; Sink beneath the windows to the right of the entrance to Rm 204	10/3/17 5:42 AM	5.74
1051-110217-CS-002-A	Initial Draw Sample; Retest Sink beneath the windows to the right of the entrance to Rm 204; <b>DCSD Removed the sink and it is no longer in service. No further testing is to be conducted.</b>	11/2/17 5:12 AM	23.8
1051-110217-CS-002-B	Flush Sample; Retest Sink beneath the windows to the right of the entrance to Rm 204; <b>DCSD Removed the sink and it is no longer in service. No further testing is to be conducted.</b>	11/2/17 5:13 AM	7.75
1051-100317-CS-003-A	Initial Draw Sample; Center Sink to the right of entrance in Rm 204	10/3/17 5:44 AM	1.56
1051-100317-CS-003-B	Initial Draw Sample; Center Sink to the right of entrance in Rm 204	10/3/17 5:45 AM	1.40
1051-100317-CS-004-A	Initial Draw Sample; Sink nearest the hallway and right of the entrance to Rm 204	10/3/17 5:47 AM	28.9
1051-100317-CS-004-B	Flush Sample; Sink nearest the hallway and right of the entrance to Rm 204	10/3/17 5:48 AM	2.27
1051-110217-CS-004-A	Initial Draw Sample; Retest Sink nearest the hallway and right of the entrance to Rm 204; <b>DCSD Removed the sink and it is no longer in service. No further testing is to be conducted.</b>	11/2/17 5:14 AM	25.1
1051-110217-CS-004-B	Flush Sample; Retest Sink nearest the hallway and right of the entrance to Rm 204; <b>DCSD Removed the sink and it is no longer in service. No further testing is to be conducted.</b>	11/2/17 5:15 AM	97.8
1051-100317-CS-005-A	Initial Draw Sample; Sink nearest the hallway and left of the entrance to Rm 204	10/3/17 5:50 AM	26.8
1051-100317-CS-005-B	Flush Sample; Sink nearest the hallway and left of the entrance to Rm 204	10/3/17 5:51 AM	1.48
1051-110217-CS-005-A	Initial Draw Sample; Retest Sink nearest the hallway and left of the entrance to Rm 204; <b>DCSD Removed the sink and it is no longer in service. No further testing is to be conducted.</b>	11/2/17 5:16 AM	186
1051-110217-CS-005-B	Flush Sample; Retest Sink nearest the hallway and left of the entrance to Rm 204; <b>DCSD Removed the sink and it is no longer in service. No further testing is to be conducted.</b>	11/2/17 5:17 AM	1.78
1051-100317-CS-006-A	Initial Draw Sample; Center sink to the left of the entrance to Rm 204	10/3/17 5:53 AM	7.63

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

**Avondale High/DSA Facility**

1192 Clarendon Avenue, Avondale Estates, GA 30002



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1051-100317-CS-006-B	Flush Sample; Center sink to the left of the entrance to Rm 204	10/3/17 5:54 AM	2.47
1051-100317-CS-007-A	Initial Draw Sample; Sink beneath windows and left of the entrance to Rm 204	10/3/17 5:56 AM	<b>20.1</b>
1051-100317-CS-007-B	Flush Sample; Sink beneath windows and left of the entrance to Rm 204	10/3/17 5:57 AM	7.60
1051-100317-CS-007-A	Initial Draw Sample; Retest Sink beneath windows and left of the entrance to Rm 204; <b>DCSD Removed the sink and it is no longer in service. No further testing is to be conducted.</b>	11/2/17 5:19 AM	<b>17.8</b>
1051-100317-CS-007-B	Flush Sample; Retest Sink beneath windows and left of the entrance to Rm 204; <b>DCSD Removed the sink and it is no longer in service. No further testing is to be conducted.</b>	11/2/17 5:20 AM	1.10
1051-010517-IM-001-A	Scotsman Ice Machine in Kitchen	1/5/17 5:05 AM	None Detected
1051-010517-SC-001-A	Service Connection Entry into Building	1/5/17 4:51 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 either inoperable or inaccessible

---

**ATTACHMENT A**  
**AEM Field Sampling Forms**

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

FACILITY NAME: Avondale High/DSA Facility  
 ADDRESS: 1192 Clarendon Avenue Avondale Estates, GA, 30002

FACILITY ID: 1051

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
1/5/17		1051 - 010517 - OT-001-A	Concession stand	In room Hallway	not in use not in service	CF
1/5/17		1051 - 010517 - OT-001-B	"	In room Hallway		CF
1/5/17	0533	1051 - 010517 - DF-001-A	outside graphics arts room 124	In room Hallway	Lower right Elkay	CF
1/5/17	0534	1051 - 010517 - DF-001-B		In room Hallway	Right most sink Room used for storage	CF
1/5/17	0543	1051 - 010517 - RS-002-A	Girls' RR at back	In room Hallway		CF
1/5/17	0544	1051 - 010517 - RS-002-B	of gym 93	In room Hallway		CF
1/5/17		1051 - 010517 -		In room Hallway		
1/5/17		1051 - 010517 -		In room Hallway		
1/5/17		1051 - 010517 -		In room Hallway		
1/5/17		1051 - 010517 -		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; OT = Other. SAMPLE TYPE: A= initial; B= flush; C= duplicate

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

FACILITY NAME: Avondale High/DSA Facility  
 ADDRESS: 1192 Clarendon Avenue Avondale Estates, GA, 30002

FACILITY ID: 1051

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
1/5/17	0524	1051 - 010517 - DF-015-A	across from 201	In room Hallway	single oasis w/ DF	A7
1/5/17	0525	1051 - 010517 - DF-015-B	"	In room Hallway	"	A7
1/5/17		1051 - 010517 - DF-010-A+B		In room Hallway	inoperable	A7
1/5/17	0536	1051 - 010517 - DF-023-A	across from library	In room Hallway	single oasis w/ DF	A7
1/5/17	0537	1051 - 010517 - DF-023-B	"	In room Hallway	"	A7
1/5/17		1051 - 010517 -		In room Hallway		
1/5/17		1051 - 010517 -		In room Hallway		
1/5/17		1051 - 010517 -		In room Hallway		
1/5/17		1051 - 010517 -		In room Hallway		
1/5/17		1051 - 010517 -		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; OT = Other. SAMPLE TYPE: A= initial; B= flush; C= duplicate

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

FACILITY NAME: Avondale High/DSA Facility  
 ADDRESS: 1192 Clarendon Avenue Avondale Estates, GA, 30002

FACILITY ID: 1051

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
1/5/17	0529	1051 - 010517 - DF-016-A	near 303	In room Hallway	upper Right Oasis Wm	UH
1/5/17	0530	1051 - 010517 - DF-016-B	ant school " "	In room Hallway	" "	UH
1/5/17	0531	1051 - 010517 - DF-017-A	" "	In room Hallway	lower left oasis Wm	UH
1/5/17	0532	1051 - 010517 - DF-017-B	" "	In room Hallway	" "	UH
1/5/17	0539	1051 - 010517 - DF-024-A	lower level near Rm 323	In room Hallway	single fountain in hallway by stairwell	UH
1/5/17	0540	1051 - 010517 - DF-024-B	" "	In room Hallway	" "	UH
1/5/17	0542	1051 - 010517 - DF-021-A	by 316.1	In room Hallway	upper right oasis Wm	UH
1/5/17	0543	1051 - 010517 - DF-021-B	" "	In room Hallway	" "	UH
1/5/17	0544	1051 - 010517 - DF-022-A	" "	In room Hallway	lower left oasis Wm	UH
1/5/17	0545	1051 - 010517 - DF-022-B	" "	In room Hallway	" "	UH

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; OT = Other. SAMPLE TYPE: A= initial; B= flush; C= duplicate

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

FACILITY NAME: Avondale High/DSA Facility  
 ADDRESS: 1192 Clarendon Avenue Avondale Estates, GA, 30002

FACILITY ID: 1051

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
1/5/17	0451	1051 - 010517 - X-001-A		In room Hallway <i>outside</i>	outside Cafeteria Breeze way	AA
1/5/17	0457	1051 - 010517 - CS-001-A	Kitchen	In room Hallway	"meat sink only" in back of kitchen	A
1/5/17	0458	1051 - 010517 - CS-001-B	"	In room Hallway	"	AA
1/5/17	0459	1051 - 010517 - CS-001-C	"	In room Hallway	" Flush dup	AA
1/5/17	0505	1051 - 010517 - IM-001-A	Kitchen	In room Hallway	Scotsman Ice in kitchen	AA
1/5/17	0512	1051 - 010517 - <del>CS-002-A</del> DF-014-A	"	In room Hallway	Food Prep sink in kitchen & leaking on grill	AA
1/5/17	0513	1051 - 010517 - <del>CS-002-B</del> DF-014-B	"	In room Hallway	"	AA
1/5/17	0518	1051 - 010517 - DF-013-A	across from Cafeteria	In room Hallway	sink Elkay w/ DF	AA
1/5/17	0519	1051 - 010517 - DF-013-B	"	In room Hallway	"	AA
1/5/17		1051 - 010517 -		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; OT = Other. SAMPLE TYPE: A= initial; B= flush; C= duplicate

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

FACILITY NAME: Avondale High/DSA Facility  
 ADDRESS: 1192 Clarendon Avenue Avondale Estates, GA, 30002

FACILITY ID: 1051

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
1/5/17	0522	1051 - 010517 - TL-001-A	Rm 300	In room Hallway	Sink in lounge	UH
1/5/17	0523	1051 - 010517 - TL-001-B	art school	In room Hallway	" "	UH
1/5/17	0507	1051 - 010517 - DF-018-A	in dance studio	In room Hallway	single Oasis in dance studio of art school	UH
1/5/17	0508	1051 - 010517 - DF-018-B	" "	In room Hallway	" "	UH
1/5/17	0511	1051 - 010517 - DF-019-A	across from Rm 322	In room Hallway	upper right Oasis Wm	UH
1/5/17	0512	1051 - 010517 - DF-019-B	in art school	In room Hallway	" "	UH
1/5/17	0513	1051 - 010517 - DF-020-A	↓	In room Hallway	lower left Oasis Wm	UH
1/5/17	0514	1051 - 010517 - DF-020-B	↓	In room Hallway	" "	UH
1/5/17	0525	1051 - 010517 - RS-003-A	Girls RR near 303	In room Hallway	left sink	UH
1/5/17	0526	1051 - 010517 - RS-003-B	" "	In room Hallway	" "	UH

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; OT = Other. SAMPLE TYPE: A= initial; B= flush; C= duplicate



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

FACILITY NAME: Avondale High/DSA Facility  
 ADDRESS: 1192 Clarendon Avenue Avondale Estates, GA, 30002

FACILITY ID: 1051

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
1/5/17	0500	1051 - 010517 - RS-001-A	locker Room at Front Right of gym	In room Hallway	Left sink sampled	CF
1/5/17	0501	1051 - 010517 - RS-001-B	93	In room Hallway		CF
1/5/17	0507	1051 - 010517 - DF-004-A	water fountain on left near concessions	In room Hallway	water fountain working but missing handle	CF
1/5/17	0508	1051 - 010517 - DF-004-B	93	In room Hallway	wall mounted, no brand. Flush sample was <u>fizzy</u> and white	CF
1/5/17	0517	1051 - 010517 - DF-005-A	DF on Right near concession	In room Hallway	Elkay wall mounted missing spout	CF
1/5/17	0518	1051 - 010517 - DF-005-B	93	In room Hallway		CF
1/5/17	0530	1051 - 010517 - DF-002-A	Outside Graphics Arts Room	In room Hallway	Elkay upper left	CF
1/5/17	0532	1051 - 010517 - DF-002-B	124	In room Hallway	"	"
1/5/17	0534	1051 - 010517 - DF-002-C		In room Hallway	" initial duplicate	"
1/5/17		1051 - 010517 -		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; OT = Other. SAMPLE TYPE: A= initial; B= flush; C= duplicate

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

FACILITY NAME: Avondale High/DSA Facility  
 ADDRESS: 1192 Clarendon Avenue Avondale Estates, GA, 30002

FACILITY ID: 1051

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
1/5/17	0455	1051 - 010517 - DF-011-A	across hall from 117	In room <u>Hallway</u>	<sup>KTW</sup> left spigot on left drinking fountain - Halsey Taylor	KTW
1/5/17	0456	1051 - 010517 - DF-011-B	↓	In room <u>Hallway</u>	SAA	KTW
1/5/17	0457	1051 - 010517 - DF-012-A		In room <u>Hallway</u>	Kelvinator DF - WM on right	KTW
1/5/17	0458	1051 - 010517 - DF-012-B		In room <u>Hallway</u>	SAA	KTW
1/5/17	0505	1051 - 010517 - DF-008-A	around corner from Rm 209	In room <u>Hallway</u>	Upper R Halsey Taylor DF - WM	KTW
1/5/17	0506	1051 - 010517 - DF-008-B	↓	In room <u>Hallway</u>	SAA	KTW
1/5/17	0507	1051 - 010517 - DF-009-A		In room <u>Hallway</u>	Lower L Eikay DF - WM	KTW
1/5/17	0508	1051 - 010517 - DF-009-B		In room <u>Hallway</u>	SAA	KTW
1/5/17		1051 - 010517 -		In room Hallway		
1/5/17		1051 - 010517 -		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; OT = Other. SAMPLE TYPE: A= initial; B= flush; C= duplicate

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

FACILITY NAME: Avondale High/DSA Facility  
ADDRESS: 1192 Clarendon Avenue Avondale Estates, GA, 30002

FACILITY ID: 1051

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
1/5/17	0514	1051 - 010517 - DF-006 - A	around corner from 214	In room <u>Hallway</u>	R Halsey Taylor DF - NM - slightly turbid	KTW
1/5/17	0515	1051 - 010517 - DF-006 - B	↓	In room <u>Hallway</u>	SAA	KTW
1/5/17	0516	1051 - 010517 - DF-007 - A		In room <u>Hallway</u>	L "Standard" left spigot on left DF - NM - slightly turbid	KTW
1/5/17	0517	1051 - 010517 - DF-007 - B		In room <u>Hallway</u>	SAA	KTW
1/5/17	0521	1051 - 010517 - DF-003 - A	down hall from music Rm/ 94	In room <u>Hallway</u>	Single Oasis DF - NM	KTW
1/5/17	0522	1051 - 010517 - DF-003 - B	" "	In room <u>Hallway</u>	SAA	KTW
1/5/17		1051 - 010517 -		In room Hallway		
1/5/17		1051 - 010517 -		In room Hallway		
1/5/17		1051 - 010517 -		In room Hallway		
1/5/17		1051 - 010517 -		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; OT = Other. SAMPLE TYPE: A= initial; B= flush; C= duplicate

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

FACILITY NAME: AVONDALE HIGH/DSA FACILITY  
 ADDRESS: 1192 Clarendon Avenue Avondale Estates, GA, 30002

FACILITY ID: 1051

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
10/3/17	0520	1051 - 100317 - DF023 - A	Library	In room Hallway	Single Elkay	TR
10/3/17	0521	1051 - 100317 - DF-023-B	Library	In room Hallway	"	TR
10/3/17	0524	1051 - 100317 - DF-011 - A	Records Main Office	In room Hallway	left spigot of Nalco Taylor	TR
10/3/17	0525	1051 - 100317 - DF-011 - B	(117)	In room Hallway	"	TR
10/3/17	0528	1051 - 100317 - DF-010 - A	104	In room Hallway	single Elkay	TR
10/3/17	0529	1051 - 100317 - DF-010 - B	104	In room Hallway	"	TR
10/3/17	0536	1051 - 100317 - CS-001 - A	Kitchen	In room Hallway	"meat sink only"	TR
10/3/17	0537	1051 - 100317 - CS-001 - B	"	In room Hallway	"	TR
10/3/17	0541	1051 - 100317 - CS-002 - A	204	In room Hallway	sink beneath windows ; right of entrance	TR
10/3/17	0542	1051 - 100317 - CS-002 - B	204	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: AVONDALE HIGH/DSA FACILITY  
 ADDRESS: 1192 Clarendon Avenue Avondale Estates, GA, 30002

FACILITY ID: 1051

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
10/3/17	0544	1051 - 100317 - CS-003-A	204	In room Hallway	center sink; right of entrance	TR
10/3/17	0545	1051 - 100317 - CS-003-B	204	In room Hallway	"	TR
10/3/17	0547	1051 - 100317 - CS-004-A	204	In room Hallway	sink nearest hallway and right of entrance	TR
10/3/17	0548	1051 - 100317 - CS-004-B	204	In room Hallway	"	TR
10/3/17	0550	1051 - 100317 - CS-005-A	204	In room Hallway	sink nearest hallway & left of entrance	TR
10/3/17	0551	1051 - 100317 - CS-005-B	204	In room Hallway	"	TR
10/3/17	0553	1051 - 100317 - CS-006-A	204	In room Hallway	center sink; left of entrance	TR
10/3/17	0554	1051 - 100317 - CS-006-B	204	In room Hallway	"	TR
10/3/17	0556	1051 - 100317 - CS-007-A	204	In room Hallway	sink beneath windows; left of entrance	TR
10/3/17	0557	1051 - 100317 - CS-007-B	204	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: AVONDALE HIGH/DSA FACILITY  
 ADDRESS: 1192 Clarendon Avenue Avondale Estates, GA, 30002

FACILITY ID: 1051

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
10/3/17	0602	1051 - 100317 - RS-002-A	Girls' RR	In room Hallway	right sink in RR	TR
10/3/17	0603	1051 - 100317 - RS-002-B	"	In room Hallway	right sink in RR	TR
10/3/17	0607	1051 - 100317 - OT-001-A	Gym	In room Hallway	Sink in concession stand	TR
10/3/17	0608	1051 - 100317 - OT-001-B	Gym	In room Hallway	"	TR
10/3/17	0610	1051 - 100317 - IM-002-A	Gym	In room Hallway	ice maker in concession stand	TR
10/3/17	NS	1051 - 100317 - DF-007	Z14	In room Hallway	unit replaced w/ Elkay wallmount - not plugged in	—
10/3/17	NS	1051 - 100317 - DF-005	Gym	In room Hallway	unit (Elkay wallmount) unplugged	—
10/3/17		1051 - 100317 -		In room Hallway		
10/3/17		1051 - 100317 -		In room Hallway		
10/3/17		1051 - 100317 -		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: AVONDALE HIGH/DSA FACILITY  
 ADDRESS: 1192 Clarendon Avenue Avondale Estates, GA, 30002

FACILITY ID: 1051

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
11/2/17	0505	1051 - 110217 - DF-011-A	120	In room Hallway	wall mount Elkay	TR
11/2/17	0506	1051 - 110217 - DF-011-B	120	In room Hallway	"	TR
11/2/17	0512	1051 - 110217 - CS-002-A	204	In room Hallway	sink beneath windows & right of entrance	TR
11/2/17	0513	1051 - 110217 - CS-002-B	↓	In room Hallway	"	TR
11/2/17	0514	1051 - 110217 - CS-004-A		In room Hallway	sink nearest hallway & right of entrance	TR
11/2/17	0515	1051 - 110217 - CS-004-B		In room Hallway	"	TR
11/2/17	0516	1051 - 110217 - CS-005-A		In room Hallway	sink nearest hallway & left of entrance	TR
11/2/17	0517	1051 - 110217 - CS-005-B		In room Hallway	"	TR
11/2/17	0519	1051 - 110217 - CS-007-A		In room Hallway	sink beneath windows & left of entrance	TR
11/2/17	0520	1051 - 110217 - CS-007-B		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: AVONDALE HIGH/DSA FACILITY  
 ADDRESS: 1192 Clarendon Avenue Avondale Estates, GA, 30002

FACILITY ID: 1051

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
11/2/17	0523	1051 - 110217 - DF-007-A	05214	In room Hallway	left wall mount Elkay (upper left)	TR
11/2/17	0524	1051 - 110217 - DF-007-B	214	In room Hallway	"	TR
11/2/17	0531	1051 - 110217 - DF-005-A	Gym	In room Hallway	single wall mount Elkay	TR
11/2/17	0532	1051 - 110217 - DF-005-B	Gym	In room Hallway	"	TR
11/2/17	0536	1051 - 110217 - RS-002-A	Women's RR	In room Hallway	left sink	TR
11/2/17	0537	1051 - 110217 - RS-002-B	off of Gym	In room Hallway	"	TR
11/2/17		1051 - 110217 -		In room Hallway		
11/2/17		1051 - 110217 -		In room Hallway		
11/2/17		1051 - 110217 -		In room Hallway		
11/2/17		1051 - 110217 -		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:** Thursday, January 19, 2017 4:25 PM  
**To:** leona-miles@aem-net.com; tim-royer@aem-net.com  
**Subject:** DCSD - 1051  
**Attachments:** 1701260\_REPORT.pdf; 1701260Invoice.pdf

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

AES Reporting System

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

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



January 19, 2017

Leona Miles  
Atlanta Environmental Mgmt  
2580 NE Expressway  
Atlanta GA 30345

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

RE: DCSD - 1051

Dear Leona Miles:

Order No: 1701260

Analytical Environmental Services, Inc. received 60 samples on 1/5/2017 8:39:00 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: <b>Atlanta Environmental Management, Inc</b>			ADDRESS: <b>2580 Northeast Expressway, NE Atlanta, GA 30345</b>				ANALYSIS REQUESTED										Visit our website <a href="http://www.aesatlanta.com">www.aesatlanta.com</a> to check on the status of your results, place bottle orders, etc.		No # of Containers
PHONE: (404) 329-9006			FAX: (404) 329-2057				<div style="display: flex; justify-content: space-around; border: 1px solid black;"> <span>Total Pb Method 200.8</span> <span> </span><span> </span><span> </span><span> </span><span> </span><span> </span><span> </span><span> </span><span> </span><span> </span><span> </span><span> </span><span> </span><span> </span><span> </span><span> </span><span> </span><span> </span> </div>												
SAMPLED BY: <i>Andy Jensen</i>			SIGNATURE: <i>Andy Jensen</i>														PRESERVATION (See codes)		
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	I												
		DATE	TIME																
1	1051-010517-DF-001-A	1/5/2016 <sup>2017</sup>	0533	X		DW	X												
2	1051-010517-DF-001-B	1/5/2016 <sup>2017</sup>	0534	X		DW	X												
3	1051-010517-DF-002-A	1/5/2016 <sup>2017</sup>	0530	X		DW	X												
4	1051-010517-DF-002-B	1/5/2016 <sup>2017</sup>	0532	X		DW	X												
5	1051-010517-DF-002-C	1/5/2016 <sup>2017</sup>	0531	X		DW	X												
6	1051-010517-DF-003-A	1/5/2016 <sup>2017</sup>	0521	X		DW	X												
7	1051-010517-DF-003-B	1/5/2016 <sup>2017</sup>	0522	X		DW	X												
8	1051-010517-DF-004-A	1/5/2016 <sup>2017</sup>	0507	X		DW	X												
9	1051-010517-DF-004-B	1/5/2016 <sup>2017</sup>	0508	X		DW	X												
10	1051-010517-DF-005-A	1/5/2016 <sup>2017</sup>	0517	X		DW	X												
11	1051-010517-DF-005-B	1/5/2016 <sup>2017</sup>	0518	X		DW	X												
12	1051-010517-DF-006-A	1/5/2016 <sup>2017</sup>	0514	X		DW	X												
13	1051-010517-DF-006-B	1/5/2016 <sup>2017</sup>	0515	X		DW	X												
14	1051-010517-DF-007-A	1/5/2016 <sup>2017</sup>	0516	X		DW	X												
15	1051-010517-DF-007-B	1/5/2016 <sup>2017</sup>	0517	X		DW	X												
RELINQUISHED BY			DATE/TIME				DATE/TIME				PROJECT INFORMATION						RECEIPT		
1: <i>Andy Jensen</i>			1/5/17 0839				1/5/17 0839				PROJECT NAME: <b>DCSD</b>						Total # of Containers		
2:			2:				PROJECT #: <b>1561-1601</b>						<input type="radio"/> 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: <b>1051</b>												
SPECIAL INSTRUCTIONS/COMMENTS:			SHIPMENT METHOD				SEND REPORT TO: <b>Leona Miles and Tim Royer</b>						STATE PROGRAM (if any): _____ E-mail? Y/N; Fax? Y/N DATA PACKAGE: <b>I II III IV</b>						
Preserve at the Lab per protocol			OUT / / VIA:				INVOICE TO:												
			IN <u>CLIENT</u> / VIA:				(IF DIFFERENT FROM ABOVE)												
			GREYHOUND OTHER _____				leona-miles@aem-net.com; tim-royer@aem-net.com												
							QUOTE #: _____ PO#: _____												

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: 1701A60

Date: 1/5/17

Page 2 of 5

COMPANY: Atlanta Environmental Management, Inc		ADDRESS: 2580 Northeast Expressway, NE Atlanta, GA 30345				ANALYSIS REQUESTED										Visit our website <a href="http://www.aesatlanta.com">www.aesatlanta.com</a> 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	PRESERVATION (See codes)												REMARKS						
SAMPLED BY: Andy Jensen		SIGNATURE: <i>[Signature]</i>					I																		
#	SAMPLE ID	SAMPLED		Grab	Composite		Matrix (See codes)																		
		DATE	TIME																						
1	1051-010517-DF-008-A	1/5/2016	0505	X		DW	X																	1	
2	1051-010517-DF-008-B	1/5/2016	0506	X		DW	X																		1
3	1051-010517-DF-009-A	1/5/2016	0507	X		DW	X																		1
4	1051-010517-DF-009-B	1/5/2016	0508	X		DW	X																		1
5	<del>1051-010517-DF-010-A</del>	<del>1/5/2016</del>		<del>X</del>		<del>DW</del>																			
6	<del>1051-010517-DF-010-B</del>	<del>1/5/2016</del>		<del>X</del>		<del>DW</del>																			
7	1051-010517-DF-011-A	1/5/2016	0455	X		DW	X																		1
8	1051-010517-DF-011-B	1/5/2016	0456	X		DW	X																		1
9	1051-010517-DF-012-A	1/5/2016	0457	X		DW	X																		1
10	1051-010517-DF-012-B	1/5/2016	<del>0458</del>	X		DW	X																		1
11	1051-010517-DF-013-A	1/5/2016	0518	X		DW	X																		1
12	1051-010517-DF-013-B	1/5/2016	0519	X		DW	X																		1
13	1051-010517-DF-014-A	1/5/2016	0512	X		DW	X																		1
14	1051-010517-DF-014-B	1/5/2016	0513	X		DW	X																		1
15	1051-010517-DF-015-A	1/5/2016	0524	X		DW	X																		1
RELIQUISHED BY: <i>[Signature]</i> 1/5/17 0839		DATE/TIME		RECEIVED BY: <i>[Signature]</i> 1/5/17 839		DATE/TIME		PROJECT INFORMATION										RECEIPT							
1:				2:				PROJECT NAME: DCSD										Total # of Containers							
2:				3:				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:								SITE ADDRESS: 1051																	
								SEND REPORT TO: Leona Miles and Tim Royer																	
								INVOICE TO: (IF DIFFERENT FROM ABOVE) leona-miles@aem-net.com; tim-royer@aem-net.com										STATE PROGRAM (if any):							
								SHIPMENT METHOD										E-mail? Y/N; Fax? Y/N							
								OUT / / VIA:										DATA PACKAGE: I II III IV							
								IN / / VIA:																	
								CLIENT FedEx UPS MAIL COURIER																	
								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 (BlanDF) O = Other (specify)  
 PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None



ANALYTICAL ENVIRONMENTAL SERVICES, INC

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: 1701260

Date: 1/5/17 Page 3 of 5

Main form containing company info, address, analysis requested, sample list with 15 rows, and receipt/project information sections.



**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: 1701240

Date: 1/5/17 Page 4 of 5

COMPANY: <b>Atlanta Environmental Management, Inc</b>		ADDRESS: <b>2580 Northeast Expressway, NE Atlanta, GA 30345</b>				ANALYSIS REQUESTED										Visit our website <a href="http://www.aesatlanta.com">www.aesatlanta.com</a> to check on the status of your results, place bottle orders, etc.		No # of Containers																
PHONE: (404) 329-9006		FAX: (404) 329-2057				<table border="1" style="width:100%; height: 40px;"> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 8px;">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> </tr> </table>													Total Pb Method 200.8															
Total Pb Method 200.8																																		
SAMPLED BY: <i>Andy Jensen</i>		SIGNATURE: <i>[Signature]</i>				PRESERVATION (See codes)										REMARKS																		
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)																												
		DATE	TIME				I																											
1	1051-010517-RS-001-A	1/5/2016	0500	X		DW	X												1															
2	1051-010517-RS-001-B	1/5/2016	0501	X		DW	X												1															
3	1051-010517-RS-002-A	1/5/2016	0543	X		DW	X												1															
4	1051-010517-RS-002-B	1/5/2016	0544	X		DW	X												1															
5	1051-010517-RS-003-A	1/5/2016	0525	X		DW	X												1															
6	1051-010517-RS-003-B	1/5/2016	0526	X		DW	X												1															
7	1051-010517-TL-001-A	1/5/2016	0522	X		DW	X												1															
8	1051-010517-TL-001-B	1/5/2016	0523	X		DW	X												1															
9	<del>1051-010517-OT-001-A</del>	<del>1/5/2016</del>	<del></del>	<del>X</del>		<del>DW</del>													<i>Not sampled</i>															
10	<del>1051-010517-OT-001-B</del>	<del>1/5/2016</del>	<del></del>	<del>X</del>		<del>DW</del>													<i>Not sampled</i>															
11	1051-010517-CS-001-A	1/5/2016	0457	X		DW	X												1															
12	1051-010517-CS-001-B	1/5/2016	0458	X		DW	X												1															
13	1051-010517-CS-001-C	1/5/2016	0459	X		DW	X												1															
14	1051-010517-IM-001-A	1/5/2016	0505	X		DW	X												1															
15	1051-010517-SC-001-A	1/5/2016	0451	X		DW	X												1															

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	PROJECT INFORMATION	RECEIPT
1: <i>APJ</i>	<i>1/5/17 0839</i>	2: <i>Tempa</i>	<i>1/5/17 839</i>	PROJECT NAME: <b>DCSD</b>	Total # of Containers
2:		3:		PROJECT #: <b>1561-1601</b>	<input type="radio"/> 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:				SITE ADDRESS: <b>1051</b>	
SPECIAL INSTRUCTIONS/COMMENTS: Preserve at the Lab per protocol				SEND REPORT TO: <b>Leona Miles and Tim Royer</b>	
				INVOICE TO: (IF DIFFERENT FROM ABOVE) leona-miles@acm-net.com; tim-royer@acm-net.com	STATE PROGRAM (if any):
SHIPMENT METHOD: OUT / / VIA: IN <u>X</u> / / VIA: <u>CLIENT</u> FedEx UPS MAIL COURIER GREYHOUND OTHER				QUOTE #:	E-mail? Y/N; Fax? Y/N
				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.



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: 17012600

Date: 1/5/17

Page 5 of 5

COMPANY: <b>Atlanta Environmental Management, Inc</b>		ADDRESS: <b>2580 Northeast Expressway, NE Atlanta, GA 30345</b>		ANALYSIS REQUESTED								Visit our website <a href="http://www.aesatlanta.com">www.aesatlanta.com</a> to check on the status of your results, place bottle orders, etc.									
PHONE: <b>(404) 329-9006</b>		FAX: <b>(404) 329-2057</b>		Total Pb Method 200.8								REMARKS									
SAMPLED BY: <i>Andy Jensen</i>		SIGNATURE: <i>[Signature]</i>																			
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)														
		DATE	TIME				I														
1	1051-010517-DF-023-A	1/5/2017	0536	X		DW	X														
2	1051-010517-DF-023-B	1/5/2017	0537	X		DW	X														
3	1051-010517-DF-024-A	1/5/2017	0539	X		DW	X														
4	1051-010517-DF-024-B	1/5/2017	0540	X		DW	X														
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					
13																					
14																					
15																					
RELINQUISHED BY		DATE/TIME		RECEIVED BY		DATE/TIME		PROJECT INFORMATION								RECEIPT					
1: <i>[Signature]</i>		1/5/17 0839		2: <i>[Signature]</i>		1/5/17 839		PROJECT NAME: <b>DCSD</b>								Total # of Containers					
2:				3:				PROJECT #: <b>1561-1601</b>								Turnaround Time Request					
3:								SITE ADDRESS: <b>1051</b>								<input type="radio"/> Standard 5 Business Days					
								SEND REPORT TO: <b>Leona Miles and Tim Royer</b>								<input type="radio"/> 2 Business Day Rush					
								INVOICE TO:								<input type="radio"/> Next Business Day Rush					
								(IF DIFFERENT FROM ABOVE)								<input type="radio"/> Same Day Rush (auth req.)					
								leona-miles@acm-net.com; tim-royer@acm-net.com								<input checked="" type="radio"/> Other: 10 business Days					
								QUOTE #:								STATE PROGRAM (if any):					
								PO#:								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



**Analytical Environmental Services, Inc**

**Date:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-001-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:33:00 AM
<b>Lab ID:</b> 1701260-001	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>								
				<b>(E200.2)</b>				
Lead	BRL	1.00		ug/L	236548	1	01/18/2017 14:10	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-001-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:34:00 AM
<b>Lab ID:</b> 1701260-002	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	1.04	1.00		ug/L	236548	1	01/18/2017 14:27	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-002-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:30:00 AM
<b>Lab ID:</b> 1701260-003	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236548	1	01/18/2017 14:30	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**

**Date:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-002-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:32:00 AM
<b>Lab ID:</b> 1701260-004	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	1.06	1.00		ug/L	236548	1	01/18/2017 14:34	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-002-C
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:31:00 AM
<b>Lab ID:</b> 1701260-005	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236548	1	01/18/2017 14:44	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-003-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:21:00 AM
<b>Lab ID:</b> 1701260-006	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	2.38	1.00		ug/L	236548	1	01/18/2017 14:48	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-003-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:22:00 AM
<b>Lab ID:</b> 1701260-007	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	2.61	1.00		ug/L	236548	1	01/18/2017 14:51	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-004-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:07:00 AM
<b>Lab ID:</b> 1701260-008	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	1.62	1.00		ug/L	236548	1	01/18/2017 14:55	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-004-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:08:00 AM
<b>Lab ID:</b> 1701260-009	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	13.4	1.00		ug/L	236548	1	01/18/2017 14:58	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-005-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:17:00 AM
<b>Lab ID:</b> 1701260-010	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236548	1	01/18/2017 15:02	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-005-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:18:00 AM
<b>Lab ID:</b> 1701260-011	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	20.2	1.00		ug/L	236548	1	01/18/2017 14:20	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-006-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:14:00 AM
<b>Lab ID:</b> 1701260-012	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	4.08	1.00		ug/L	236548	1	01/18/2017 15:05	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-006-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:15:00 AM
<b>Lab ID:</b> 1701260-013	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	3.97	1.00		ug/L	236548	1	01/18/2017 15:09	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-007-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:16:00 AM
<b>Lab ID:</b> 1701260-014	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	111	1.00		ug/L	236184	1	01/11/2017 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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-007-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:17:00 AM
<b>Lab ID:</b> 1701260-015	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	20.4	1.00		ug/L	236548	1	01/18/2017 15:12	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-008-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:05:00 AM
<b>Lab ID:</b> 1701260-016	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	1.41	1.00		ug/L	236548	1	01/18/2017 15:16	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-008-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:06:00 AM
<b>Lab ID:</b> 1701260-017	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	3.92	1.00		ug/L	236548	1	01/18/2017 15:26	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-009-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:07:00 AM
<b>Lab ID:</b> 1701260-018	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	4.28	1.00		ug/L	236548	1	01/18/2017 15:30	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**

**Date:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-009-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:08:00 AM
<b>Lab ID:</b> 1701260-019	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	4.98	1.00		ug/L	236548	1	01/18/2017 15:33	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-011-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 4:55:00 AM
<b>Lab ID:</b> 1701260-020	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	17.4	1.00		ug/L	236548	1	01/18/2017 15:36	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-011-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 4:56:00 AM
<b>Lab ID:</b> 1701260-021	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	3.40	1.00		ug/L	236549	1	01/18/2017 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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-012-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 4:57:00 AM
<b>Lab ID:</b> 1701260-022	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	1.69	1.00		ug/L	236549	1	01/18/2017 16:11	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-012-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 4:58:00 AM
<b>Lab ID:</b> 1701260-023	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	1.60	1.00		ug/L	236549	1	01/18/2017 16:14	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-013-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:18:00 AM
<b>Lab ID:</b> 1701260-024	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	7.76	1.00		ug/L	236549	1	01/18/2017 16:18	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-013-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:19:00 AM
<b>Lab ID:</b> 1701260-025	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	11.3	1.00		ug/L	236549	1	01/18/2017 16:21	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-014-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:12:00 AM
<b>Lab ID:</b> 1701260-026	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	2.19	1.00		ug/L	236549	1	01/18/2017 16:25	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-014-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:13:00 AM
<b>Lab ID:</b> 1701260-027	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236549	1	01/18/2017 16:28	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-015-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:24:00 AM
<b>Lab ID:</b> 1701260-028	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	7.58	1.00		ug/L	236549	1	01/18/2017 16:32	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-015-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:25:00 AM
<b>Lab ID:</b> 1701260-029	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	10.0	1.00		ug/L	236549	1	01/18/2017 16:35	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-016-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:29:00 AM
<b>Lab ID:</b> 1701260-030	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236549	1	01/18/2017 16:39	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-016-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:30:00 AM
<b>Lab ID:</b> 1701260-031	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236549	1	01/18/2017 15:57	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-017-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:31:00 AM
<b>Lab ID:</b> 1701260-032	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236549	1	01/18/2017 16:49	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-017-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:32:00 AM
<b>Lab ID:</b> 1701260-033	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236549	1	01/18/2017 16:53	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-018-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:07:00 AM
<b>Lab ID:</b> 1701260-034	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236549	1	01/18/2017 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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-018-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:08:00 AM
<b>Lab ID:</b> 1701260-035	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	1.00	1.00		ug/L	236549	1	01/18/2017 17:00	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-019-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:11:00 AM
<b>Lab ID:</b> 1701260-036	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	1.12	1.00		ug/L	236549	1	01/18/2017 17:03	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-019-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:12:00 AM
<b>Lab ID:</b> 1701260-037	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	4.35	1.00		ug/L	236549	1	01/18/2017 17:07	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-020-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:13:00 AM
<b>Lab ID:</b> 1701260-038	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	2.26	1.00		ug/L	236549	1	01/18/2017 17:10	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-020-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:14:00 AM
<b>Lab ID:</b> 1701260-039	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	3.76	1.00		ug/L	236549	1	01/18/2017 17:14	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-021-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:42:00 AM
<b>Lab ID:</b> 1701260-040	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236549	1	01/18/2017 17:17	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-021-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:43:00 AM
<b>Lab ID:</b> 1701260-041	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236550	1	01/18/2017 17:34	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-022-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:44:00 AM
<b>Lab ID:</b> 1701260-042	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236550	1	01/18/2017 17:52	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-022-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:45:00 AM
<b>Lab ID:</b> 1701260-043	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236550	1	01/18/2017 17:55	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-RS-001-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:00:00 AM
<b>Lab ID:</b> 1701260-044	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	8.06	1.00		ug/L	236550	1	01/18/2017 17:59	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-RS-001-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:01:00 AM
<b>Lab ID:</b> 1701260-045	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	1.45	1.00		ug/L	236550	1	01/18/2017 18:02	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-RS-002-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:43:00 AM
<b>Lab ID:</b> 1701260-046	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	211	1.00		ug/L	236550	1	01/18/2017 18:13	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-RS-002-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:44:00 AM
<b>Lab ID:</b> 1701260-047	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	33.6	1.00		ug/L	236550	1	01/18/2017 18:16	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-RS-003-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:25:00 AM
<b>Lab ID:</b> 1701260-048	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	3.03	1.00		ug/L	236550	1	01/18/2017 18:20	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-RS-003-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:26:00 AM
<b>Lab ID:</b> 1701260-049	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236550	1	01/18/2017 18:23	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-TL-001-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:22:00 AM
<b>Lab ID:</b> 1701260-050	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236550	1	01/18/2017 18:26	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-TL-001-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:23:00 AM
<b>Lab ID:</b> 1701260-051	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236550	1	01/18/2017 17:45	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-CS-001-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 4:57:00 AM
<b>Lab ID:</b> 1701260-052	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	508	1.00		ug/L	236550	1	01/18/2017 18:30	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**

**Date:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-CS-001-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 4:58:00 AM
<b>Lab ID:</b> 1701260-053	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	10.1	1.00		ug/L	236550	1	01/18/2017 18:33	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-CS-001-C
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 4:59:00 AM
<b>Lab ID:</b> 1701260-054	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	6.82	1.00		ug/L	236550	1	01/18/2017 18:37	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-IM-001-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:05:00 AM
<b>Lab ID:</b> 1701260-055	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236550	1	01/18/2017 18:40	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-SC-001-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 4:51:00 AM
<b>Lab ID:</b> 1701260-056	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236550	1	01/18/2017 18:44	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-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-023-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:36:00 AM
<b>Lab ID:</b> 1701260-057	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	34.9	1.00		ug/L	236550	1	01/18/2017 18:54	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-023-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:37:00 AM
<b>Lab ID:</b> 1701260-058	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	37.8	1.00		ug/L	236550	1	01/18/2017 18:58	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-024-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:39:00 AM
<b>Lab ID:</b> 1701260-059	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236550	1	01/18/2017 19:01	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:** 19-Jan-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-010517-DF-024-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 1/5/2017 5:40:00 AM
<b>Lab ID:</b> 1701260-060	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	236550	1	01/18/2017 19:05	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 Atlanta Env. Management

Work Order Number 1701260

Checklist completed by [Signature] 1/5/2017  
Signature Date

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 1.0°C 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 [Signature]

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 - 1051  
 Workorder: 1701260

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 236184

Sample ID: <b>MB-236184</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>01/11/2017</b>	Run No: <b>334036</b>							
SampleType: <b>MBLK</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236184</b>	Analysis Date: <b>01/11/2017</b>	Seq No: <b>7283090</b>							
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: <b>LCS-236184</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>01/11/2017</b>	Run No: <b>334036</b>							
SampleType: <b>LCS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236184</b>	Analysis Date: <b>01/11/2017</b>	Seq No: <b>7283091</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 108.4 1.00 100.0 108 85 115

Sample ID: <b>1701646-003AMS</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>01/11/2017</b>	Run No: <b>334036</b>							
SampleType: <b>MS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236184</b>	Analysis Date: <b>01/11/2017</b>	Seq No: <b>7283096</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 175.6 1.00 100.0 67.23 108 70 130

Sample ID: <b>1701646-005AMS</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>01/11/2017</b>	Run No: <b>334036</b>							
SampleType: <b>MS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236184</b>	Analysis Date: <b>01/11/2017</b>	Seq No: <b>7283093</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 109.5 1.00 100.0 3.872 106 70 130

Sample ID: <b>1701646-005AMSD</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>01/11/2017</b>	Run No: <b>334036</b>							
SampleType: <b>MSD</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236184</b>	Analysis Date: <b>01/11/2017</b>	Seq No: <b>7283094</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 111.0 1.00 100.0 3.872 107 70 130 109.5 1.38 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 - 1051  
**Workorder:** 1701260

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 236548**

Sample ID: <b>MB-236548</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>01/18/2017</b>	Run No: <b>334557</b>							
SampleType: <b>MBLK</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236548</b>	Analysis Date: <b>01/18/2017</b>	Seq No: <b>7296204</b>							
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: <b>LCS-236548</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>01/18/2017</b>	Run No: <b>334557</b>							
SampleType: <b>LCS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236548</b>	Analysis Date: <b>01/18/2017</b>	Seq No: <b>7296205</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 93.84 1.00 100.0 93.8 85 115

Sample ID: <b>1701260-001AMS</b>	Client ID: <b>1051-010517-DF-001-A</b>	Units: <b>ug/L</b>	Prep Date: <b>01/18/2017</b>	Run No: <b>334557</b>							
SampleType: <b>MS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236548</b>	Analysis Date: <b>01/18/2017</b>	Seq No: <b>7296207</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 94.13 1.00 100.0 0.9015 93.2 70 130

Sample ID: <b>1701260-011AMS</b>	Client ID: <b>1051-010517-DF-005-B</b>	Units: <b>ug/L</b>	Prep Date: <b>01/18/2017</b>	Run No: <b>334557</b>							
SampleType: <b>MS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236548</b>	Analysis Date: <b>01/18/2017</b>	Seq No: <b>7296210</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 110.7 1.00 100.0 20.16 90.5 70 130

Sample ID: <b>1701260-001AMSD</b>	Client ID: <b>1051-010517-DF-001-A</b>	Units: <b>ug/L</b>	Prep Date: <b>01/18/2017</b>	Run No: <b>334557</b>							
SampleType: <b>MSD</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236548</b>	Analysis Date: <b>01/18/2017</b>	Seq No: <b>7296208</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 93.13 1.00 100.0 0.9015 92.2 70 130 94.13 1.07 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 - 1051  
**Workorder:** 1701260

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 236549**

Sample ID: <b>MB-236549</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>01/18/2017</b>	Run No: <b>334558</b>							
SampleType: <b>MBLK</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236549</b>	Analysis Date: <b>01/18/2017</b>	Seq No: <b>7296110</b>							
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: <b>LCS-236549</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>01/18/2017</b>	Run No: <b>334558</b>							
SampleType: <b>LCS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236549</b>	Analysis Date: <b>01/18/2017</b>	Seq No: <b>7296111</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 93.09 1.00 100.0 93.1 85 115

Sample ID: <b>1701260-021AMS</b>	Client ID: <b>1051-010517-DF-011-B</b>	Units: <b>ug/L</b>	Prep Date: <b>01/18/2017</b>	Run No: <b>334558</b>							
SampleType: <b>MS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236549</b>	Analysis Date: <b>01/18/2017</b>	Seq No: <b>7296113</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 98.85 1.00 100.0 3.398 95.5 70 130

Sample ID: <b>1701260-031AMS</b>	Client ID: <b>1051-010517-DF-016-B</b>	Units: <b>ug/L</b>	Prep Date: <b>01/18/2017</b>	Run No: <b>334558</b>							
SampleType: <b>MS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236549</b>	Analysis Date: <b>01/18/2017</b>	Seq No: <b>7296118</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 93.32 1.00 100.0 0.4167 92.9 70 130

Sample ID: <b>1701260-021AMSD</b>	Client ID: <b>1051-010517-DF-011-B</b>	Units: <b>ug/L</b>	Prep Date: <b>01/18/2017</b>	Run No: <b>334558</b>							
SampleType: <b>MSD</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236549</b>	Analysis Date: <b>01/18/2017</b>	Seq No: <b>7296114</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 98.95 1.00 100.0 3.398 95.6 70 130 98.85 0.106 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 - 1051  
**Workorder:** 1701260

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 236550**

Sample ID: <b>MB-236550</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>01/18/2017</b>	Run No: <b>334559</b>							
SampleType: <b>MBLK</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236550</b>	Analysis Date: <b>01/18/2017</b>	Seq No: <b>7296161</b>							
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: <b>LCS-236550</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>01/18/2017</b>	Run No: <b>334559</b>							
SampleType: <b>LCS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236550</b>	Analysis Date: <b>01/18/2017</b>	Seq No: <b>7296164</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 93.08 1.00 100.0 93.1 85 115

Sample ID: <b>1701260-041AMS</b>	Client ID: <b>1051-010517-DF-021-B</b>	Units: <b>ug/L</b>	Prep Date: <b>01/18/2017</b>	Run No: <b>334559</b>							
SampleType: <b>MS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236550</b>	Analysis Date: <b>01/18/2017</b>	Seq No: <b>7296166</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 97.19 1.00 100.0 0.7778 96.4 70 130

Sample ID: <b>1701260-051AMS</b>	Client ID: <b>1051-010517-TL-001-B</b>	Units: <b>ug/L</b>	Prep Date: <b>01/18/2017</b>	Run No: <b>334559</b>							
SampleType: <b>MS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236550</b>	Analysis Date: <b>01/18/2017</b>	Seq No: <b>7296169</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 92.11 1.00 100.0 92.1 70 130

Sample ID: <b>1701260-041AMSD</b>	Client ID: <b>1051-010517-DF-021-B</b>	Units: <b>ug/L</b>	Prep Date: <b>01/18/2017</b>	Run No: <b>334559</b>							
SampleType: <b>MSD</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>236550</b>	Analysis Date: <b>01/18/2017</b>	Seq No: <b>7296167</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 95.22 1.00 100.0 0.7778 94.4 70 130 97.19 2.06 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:** Friday, October 13, 2017 5:05 PM  
**To:** leona-miles@aem-net.com; tim-royer@aem-net.com  
**Subject:** DCSD - 1051  
**Attachments:** 1710206\_REPORT.pdf; 1710206Invoice.pdf

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

AES Reporting System

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

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



October 13, 2017

Leona Miles  
Atlanta Environmental Mgmt  
2580 NE Expressway  
Atlanta GA 30345

RE: DCSD - 1051

Dear Leona Miles:

Order No: 1710206

Analytical Environmental Services, Inc. received 24 samples on 10/3/2017 10:27:00 AM for the analyses presented in following report.

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

AES's accreditations are as follows:

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

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

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

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

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

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

Sincerely,

Ioana Pacurar  
Project Manager



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: 1710206

Date: 10/3/17 Page 21 of 2

COMPANY: Atlanta Environmental Management Inc			ADDRESS: 2580 Northeast Expressway NE Atlanta, GA 30345			ANALYSIS REQUESTED								Visit our website <a href="http://www.aesatlanta.com">www.aesatlanta.com</a> to check on the status of your results, place bottle orders, etc.		No # of Containers									
PHONE: 404-329-9006			FAX: 404-329-2057			Lead (200.8)	PRESERVATION (See codes)								REMARKS										
SAMPLED BY: Tim Royer			SIGNATURE: <i>[Signature]</i>																						
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)								REMARKS										
		DATE	TIME				I	1	2	3	4	5	6	7		8	9	10	11	12	13	14	15		
1	1051-100317-DF-023-A	10/3/17	0520	X		DW	X																		
2	1051-100317-DF-023-B		0521	X			X																		
3	1051-100317-DF-011-A		0524	X			X																		
4	1051-100317-DF-011-B		0525	X			X																		
5	1051-100317-DF-010-A		0528	X			X																		
6	1051-100317-DF-010-B		0529	X			X																		
7	1051-100317-CS-001-A		0536	X			X																		
8	1051-100317-CS-001-B		0537	X			X																		
9	1051-100317-CS-002-A		0541	X			X																		
10	1051-100317-CS-002-B		0542	X			X																		
11	1051-100317-CS-003-A		0544	X			X																		
12	1051-100317-CS-003-B		0545	X			X																		
13	1051-100317-CS-004-A		0547	X			X																		
14	1051-100317-CS-004-B		0548	X			X																		
15	1051-100317-CS-005-A		0550	X			X																		
RELINQUISHED BY: <i>[Signature]</i>			DATE/TIME: 10/3/17 1027			RECEIVED BY: JOANA PAEURAR			DATE/TIME: 10/3/17 1027			PROJECT INFORMATION								RECEIPT					
1:			2:			3:			PROJECT NAME: DCSD			PROJECT #: 1561-1601								Total # of Containers					
1:			2:			3:			SITE ADDRESS: 1051			SEND REPORT TO: leona-miles@aem-net.com								Turnaround Time Request					
1:			2:			3:			INVOICE TO: Leona Miles			IF DIFFERENT FROM ABOVE)								<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 @ lab			SHIPMENT METHOD			OUT / / VIA:			IN / / VIA:			QUOTE #: _____ PO#: _____								STATE PROGRAM (if any): _____					
			CLIENT FedEx UPS MAIL COURIER			GREYHOUND OTHER _____														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



**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: 1710206

Date: 10/3/17 Page 2 of 2

COMPANY: <b>Atlanta Environmental Management Inc</b>			ADDRESS: <b>2580 Northeast Expressway NE Atlanta, GA 30345</b>			ANALYSIS REQUESTED										Visit our website <a href="http://www.aesatlanta.com">www.aesatlanta.com</a> to check on the status of your results, place bottle orders, etc.		No # of Containers			
PHONE: 404-329-9006			FAX: 404-329-2057			Lead (200.8)															
SAMPLED BY: <i>Tim Royer</i>			SIGNATURE: <i>[Signature]</i>				PRESERVATION (See codes)												REMARKS		
#	SAMPLE ID	SAMPLED		Grab	Composite		Matrix (See codes)														
		DATE	TIME																		
1	1051-100317-CS-005-B	10/3/17	0551	X		DW	X														
2	1051-100317-CS-006-A		0553	X			X														
3	1051-100317-CS-006-B		0554	X			X														
4	1051-100317-CS-007-A		0556	X			X														
5	1051-100317-CS-007-B		0557	X			X														
6	1051-100317-RS-002-A		0602	X			X														
7	1051-100317-RS-002-B		0603	X			X														
8	1051-100317-OT-001-A		0607	X			X														
9	1051-100317-OT-001-B		0608	X			X														
10	1051-100317-IM-001-A		0610	X			X														
11																					
12																					
13																					
14																					
15																					

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	PROJECT INFORMATION		RECEIPT	
<i>[Signature]</i>	10/3/17 1027	<i>ICANA Paeirar</i>	10/3/17 1027	PROJECT NAME:	DCSD	Total # of Containers	
				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	
				SITE ADDRESS:	1051		STATE PROGRAM (if any):
				SEND REPORT TO:	leona-miles@aem-net.com	E-mail? Y/N;	Fax? Y/N
SPECIAL INSTRUCTIONS/COMMENTS: <i>preserve @ lab</i>		SHIPMENT METHOD OUT / / VIA: IN <i>(initials)</i> VIA: <input checked="" type="radio"/> CLIENT <input type="radio"/> FedEx <input type="radio"/> UPS <input type="radio"/> MAIL <input type="radio"/> COURIER <input type="radio"/> GREYHOUND <input type="radio"/> OTHER		INVOICE TO: Leona Miles (IF DIFFERENT FROM ABOVE)		DATA PACKAGE: <input type="radio"/> I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV	
				QUOTE #:	PO#:		

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

**Client:** Atlanta Environmental Mgmt  
**Project:** DCSD - 1051  
**Lab ID:** 1710206

**Case Narrative**

Sample Receiving Non-conformance:

Sample information on the Chain of Custody did not match that on the sample bottle labels for sample 1051-100317-IM-001-A. The sample was listed as 1051-100317-IM-002-A on the container labels, while on the Chain of Custody it was listed as 1051-100317-IM-001-A. The collection date and time matched between the two ID's. The laboratory proceeded with sample ID 1051-100317-IM-002-A as listed on the container label at the request of Tim Royer with Atlanta Environmental Management via e-mail on 10/5/17 at 9:10AM; however at the request of Leona Miles with Atlanta Environmental Management via e-mail on 10/5/17 at 12:55PM, the sample was placed on hold and no further analysis was executed.

**Analytical Environmental Services, Inc**

**Date:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-DF-023-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:20:00 AM
<b>Lab ID:</b> 1710206-001	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>								
				<b>(E200.2)</b>				
Lead	11.1	1.00		ug/L	249490	1	10/09/2017 21:37	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-DF-023-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:21:00 AM
<b>Lab ID:</b> 1710206-002	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	8.50	1.00		ug/L	249490	1	10/09/2017 22:21	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-DF-011-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:24:00 AM
<b>Lab ID:</b> 1710206-003	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	17.0	1.00		ug/L	249490	1	10/09/2017 22:27	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-DF-011-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:25:00 AM
<b>Lab ID:</b> 1710206-004	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	5.86	1.00		ug/L	249490	1	10/09/2017 22:34	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-DF-010-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:28:00 AM
<b>Lab ID:</b> 1710206-005	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	5.65	1.00		ug/L	249490	1	10/09/2017 22:40	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-DF-010-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:29:00 AM
<b>Lab ID:</b> 1710206-006	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	7.53	1.00		ug/L	249490	1	10/09/2017 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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-CS-001-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:36:00 AM
<b>Lab ID:</b> 1710206-007	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>								
				<b>(E200.2)</b>				
Lead	1.18	1.00		ug/L	249490	1	10/09/2017 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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-CS-001-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:37:00 AM
<b>Lab ID:</b> 1710206-008	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	BRL	1.00		ug/L	249490	1	10/09/2017 22:59	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-CS-002-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:41:00 AM
<b>Lab ID:</b> 1710206-009	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	15.7	1.00		ug/L	249490	1	10/09/2017 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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-CS-002-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:42:00 AM
<b>Lab ID:</b> 1710206-010	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	5.74	1.00		ug/L	249490	1	10/09/2017 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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-CS-003-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:44:00 AM
<b>Lab ID:</b> 1710206-011	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	1.56	1.00		ug/L	249490	1	10/09/2017 22:09	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-CS-003-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:45:00 AM
<b>Lab ID:</b> 1710206-012	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	1.40	1.00		ug/L	249490	1	10/09/2017 23:31	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-CS-004-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:47:00 AM
<b>Lab ID:</b> 1710206-013	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	28.9	1.00		ug/L	249490	1	10/09/2017 23:37	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-CS-004-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:48:00 AM
<b>Lab ID:</b> 1710206-014	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	2.27	1.00		ug/L	249490	1	10/09/2017 23:43	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-CS-005-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:50:00 AM
<b>Lab ID:</b> 1710206-015	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	26.8	1.00		ug/L	249490	1	10/09/2017 23:50	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-CS-005-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:51:00 AM
<b>Lab ID:</b> 1710206-016	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	1.48	1.00		ug/L	249490	1	10/09/2017 23:56	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-CS-006-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:53:00 AM
<b>Lab ID:</b> 1710206-017	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	7.63	1.00		ug/L	249490	1	10/10/2017 00:02	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-CS-006-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:54:00 AM
<b>Lab ID:</b> 1710206-018	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	2.47	1.00		ug/L	249490	1	10/10/2017 00:09	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-CS-007-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:56:00 AM
<b>Lab ID:</b> 1710206-019	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	20.1	1.00		ug/L	249490	1	10/10/2017 00:15	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-CS-007-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 5:57:00 AM
<b>Lab ID:</b> 1710206-020	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	7.60	1.00		ug/L	249490	1	10/10/2017 00:34	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-RS-002-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 6:02:00 AM
<b>Lab ID:</b> 1710206-021	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	71.5	1.00		ug/L	249492	1	10/10/2017 00:53	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-RS-002-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 6:03:00 AM
<b>Lab ID:</b> 1710206-022	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	4.59	1.00		ug/L	249492	1	10/10/2017 01:25	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-OT-001-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 6:07:00 AM
<b>Lab ID:</b> 1710206-023	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	13.6	1.00		ug/L	249492	1	10/10/2017 01:31	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:** 13-Oct-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-100317-OT-001-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 10/3/2017 6:08:00 AM
<b>Lab ID:</b> 1710206-024	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	1.04	1.00		ug/L	249492	1	10/10/2017 01:50	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

### 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 - 1051  
**Workorder:** 1710206

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 249490**

Sample ID: <b>MB-249490</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>10/09/2017</b>	Run No: <b>354025</b>							
SampleType: <b>MBLK</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>249490</b>	Analysis Date: <b>10/09/2017</b>	Seq No: <b>7790509</b>							
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: <b>LCS-249490</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>10/09/2017</b>	Run No: <b>354025</b>							
SampleType: <b>LCS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>249490</b>	Analysis Date: <b>10/09/2017</b>	Seq No: <b>7790510</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 103.0 1.00 100.0 103 85 115

Sample ID: <b>1710206-001AMS</b>	Client ID: <b>1051-100317-DF-023-A</b>	Units: <b>ug/L</b>	Prep Date: <b>10/09/2017</b>	Run No: <b>354025</b>							
SampleType: <b>MS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>249490</b>	Analysis Date: <b>10/09/2017</b>	Seq No: <b>7790512</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 112.2 1.00 100.0 11.10 101 70 130

Sample ID: <b>1710206-011AMS</b>	Client ID: <b>1051-100317-CS-003-A</b>	Units: <b>ug/L</b>	Prep Date: <b>10/09/2017</b>	Run No: <b>354025</b>							
SampleType: <b>MS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>249490</b>	Analysis Date: <b>10/09/2017</b>	Seq No: <b>7790518</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 103.2 1.00 100.0 1.564 102 70 130

Sample ID: <b>1710206-001AMSD</b>	Client ID: <b>1051-100317-DF-023-A</b>	Units: <b>ug/L</b>	Prep Date: <b>10/09/2017</b>	Run No: <b>354025</b>							
SampleType: <b>MSD</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>249490</b>	Analysis Date: <b>10/09/2017</b>	Seq No: <b>7790515</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 115.1 1.00 100.0 11.10 104 70 130 112.2 2.48 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 - 1051  
**Workorder:** 1710206

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 249492**

Sample ID: <b>MB-249492</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>10/09/2017</b>	Run No: <b>354026</b>							
SampleType: <b>MBLK</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>249492</b>	Analysis Date: <b>10/10/2017</b>	Seq No: <b>7790552</b>							
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: <b>LCS-249492</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>10/09/2017</b>	Run No: <b>354026</b>							
SampleType: <b>LCS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>249492</b>	Analysis Date: <b>10/10/2017</b>	Seq No: <b>7790553</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 106.3 1.00 100.0 106 85 115

Sample ID: <b>1710206-021AMS</b>	Client ID: <b>1051-100317-RS-002-A</b>	Units: <b>ug/L</b>	Prep Date: <b>10/09/2017</b>	Run No: <b>354026</b>							
SampleType: <b>MS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>249492</b>	Analysis Date: <b>10/10/2017</b>	Seq No: <b>7790555</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 190.0 1.00 100.0 71.55 118 70 130

Sample ID: <b>1710235-003AMS</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>10/09/2017</b>	Run No: <b>354026</b>							
SampleType: <b>MS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>249492</b>	Analysis Date: <b>10/10/2017</b>	Seq No: <b>7790558</b>							
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 1.922 98.9 70 130

Sample ID: <b>1710206-021AMSD</b>	Client ID: <b>1051-100317-RS-002-A</b>	Units: <b>ug/L</b>	Prep Date: <b>10/09/2017</b>	Run No: <b>354026</b>							
SampleType: <b>MSD</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>249492</b>	Analysis Date: <b>10/10/2017</b>	Seq No: <b>7790556</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 185.4 1.00 100.0 71.55 114 70 130 190.0 2.45 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:** Tuesday, November 14, 2017 3:45 PM  
**To:** leona-miles@aem-net.com; tim-royer@aem-net.com  
**Subject:** DCSD - 1051  
**Attachments:** 1711192\_REPORT.pdf; 1711192Invoice.pdf

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

AES Reporting System

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

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



November 14, 2017

Leona Miles  
Atlanta Environmental Mgmt  
2580 NE Expressway  
Atlanta GA 30345

RE: DCSD - 1051

Dear Leona Miles:

Order No: 1711192

Analytical Environmental Services, Inc. received 16 samples on 11/2/2017 9:55:00 AM for the analyses presented in following report.

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

AES's accreditations are as follows:

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

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

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

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 12/01/17.

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: 1711192

Date: 11/2/17 Page 1 of 2

COMPANY: <b>Atlanta Environmental Management Inc</b>		ADDRESS: <b>2580 Northeast Expressway NE Atlanta, GA 30345</b>		ANALYSIS REQUESTED <div style="display: flex; justify-content: space-around;"> <table border="1" style="width: 100%; height: 100px;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> <div style="width: 100%; text-align: center; padding: 5px;"> <b>Visit our website www.aesatlanta.com</b>            to check on the status of            your results, place bottle            orders, etc.         </div> </div>																		No # of Containers
PHONE: 404-329-9006		FAX: 404-329-2057		Lead ( 200.8)	PRESERVATION (See codes)																	
SAMPLED BY: <u>Tim Royer</u>		SIGNATURE: <u>[Signature]</u>												REMARKS								
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)																
		DATE	TIME																			

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	PROJECT INFORMATION	RECEIPT
<u>[Signature]</u>	<u>11/2/17 0955</u>	<u>[Signature]</u>	<u>11/2/17 11:17</u>	PROJECT NAME: <b>DCSD</b>	Total # of Containers
2:		2:		PROJECT #: <b>1561-1601</b>	
3:		3:		SITE ADDRESS: <b>1051</b>	
SPECIAL INSTRUCTIONS/COMMENTS: <b>preserve at lab</b>				SEND REPORT TO: <u>leona-miles@aem-net.com</u>	STATE PROGRAM (if any):
SHIPMENT METHOD OUT / / VIA: IN / / VIA: <b>CLIENT FedEx UPS MAIL COURIER</b> GREYHOUND OTHER				INVOICE TO: <b>Leona Miles</b> (IF DIFFERENT FROM ABOVE)	Other: 10 business Days
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.				QUOTE #:	PO#:

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: 1711192

Date: 11/2/17 Page 2 of 2

COMPANY: <b>Atlanta Environmental Management Inc</b>		ADDRESS: <b>2580 Northeast Expressway NE Atlanta, GA 30345</b>			ANALYSIS REQUESTED								Visit our website <a href="http://www.aesatlanta.com">www.aesatlanta.com</a> to check on the status of your results, place bottle orders, etc.	No # of Containers		
PHONE: <b>404-329-9006</b>		FAX: <b>404-329-2057</b>			Lead (200.8)	PRESERVATION (See codes)									REMARKS	
SAMPLED BY: <i>Tim Royer</i>		SIGNATURE: <i>[Signature]</i>														
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	I									
1	1051-110217-RS-002-B	11/2/17	0537	X		DW	X									
2																
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: <i>[Signature]</i>	11/2/17 0955	1: <i>[Signature]</i>	11/2/17 0955	PROJECT NAME: <b>DCSD</b>	Total # of Containers
2:		2:		PROJECT #: <b>1561-1601</b>	<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: <b>1051</b>	
SPECIAL INSTRUCTIONS/COMMENTS: <i>preserve at lab</i>				SEND REPORT TO: <b>leona-miles@aem-net.com</b>	STATE PROGRAM (if any): _____
SHIPMENT METHOD				INVOICE TO: <b>Leona Miles</b>	E-mail? Y/N; Fax? Y/N
OUT <input type="checkbox"/> VIA: _____				(IF DIFFERENT FROM ABOVE)	DATA PACKAGE: <input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV
IN <input checked="" type="checkbox"/> <del>CLIENT</del> FedEx UPS MAIL COURIER				QUOTE #: _____ PO#: _____	
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**

**Date:** 14-Nov-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-110217-DF-011-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 11/2/2017 5:05:00 AM
<b>Lab ID:</b> 1711192-001	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>								
				<b>(E200.2)</b>				
Lead	4.28	1.00		ug/L	251072	1	11/07/2017 01:37	TA

**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:** 14-Nov-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-110217-DF-011-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 11/2/2017 5:06:00 AM
<b>Lab ID:</b> 1711192-002	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	3.99	1.00		ug/L	251072	1	11/07/2017 01:52	TA

**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:** 14-Nov-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-110217-CS-002-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 11/2/2017 5:12:00 AM
<b>Lab ID:</b> 1711192-003	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	23.8	1.00		ug/L	251072	1	11/07/2017 01:53	TA

**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:** 14-Nov-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-110217-CS-002-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 11/2/2017 5:13:00 AM
<b>Lab ID:</b> 1711192-004	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	7.75	1.00		ug/L	251072	1	11/07/2017 01:55	TA

**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:** 14-Nov-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-110217-CS-004-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 11/2/2017 5:14:00 AM
<b>Lab ID:</b> 1711192-005	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	25.1	1.00		ug/L	251072	1	11/07/2017 01:57	TA

**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:** 14-Nov-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-110217-CS-004-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 11/2/2017 5:15:00 AM
<b>Lab ID:</b> 1711192-006	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	97.8	1.00		ug/L	251072	1	11/07/2017 01:59	TA

**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:** 14-Nov-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-110217-CS-005-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 11/2/2017 5:16:00 AM
<b>Lab ID:</b> 1711192-007	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	186	1.00		ug/L	251072	1	11/07/2017 02:01	TA

**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:** 14-Nov-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-110217-CS-005-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 11/2/2017 5:17:00 AM
<b>Lab ID:</b> 1711192-008	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	1.78	1.00		ug/L	251072	1	11/07/2017 02:03	TA

**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:** 14-Nov-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-110217-CS-007-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 11/2/2017 5:19:00 AM
<b>Lab ID:</b> 1711192-009	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	17.8	1.00		ug/L	251072	1	11/07/2017 02:05	TA

**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:** 14-Nov-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-110217-CS-007-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 11/2/2017 5:20:00 AM
<b>Lab ID:</b> 1711192-010	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	1.10	1.00		ug/L	251072	1	11/07/2017 02:06	TA

**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:** 14-Nov-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-110217-DF-007-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 11/2/2017 5:23:00 AM
<b>Lab ID:</b> 1711192-011	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	3.61	1.00		ug/L	251072	1	11/07/2017 01:42	TA

**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:** 14-Nov-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-110217-DF-007-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 11/2/2017 5:24:00 AM
<b>Lab ID:</b> 1711192-012	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	4.58	1.00		ug/L	251072	1	11/07/2017 02:08	TA

**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:** 14-Nov-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-110217-DF-005-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 11/2/2017 5:31:00 AM
<b>Lab ID:</b> 1711192-013	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	1.12	1.00		ug/L	251072	1	11/07/2017 02:16	TA

**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:** 14-Nov-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-110217-DF-005-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 11/2/2017 5:32:00 AM
<b>Lab ID:</b> 1711192-014	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	1.18	1.00		ug/L	251072	1	11/07/2017 02:18	TA

**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:** 14-Nov-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-110217-RS-002-A
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 11/2/2017 5:36:00 AM
<b>Lab ID:</b> 1711192-015	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	60.8	1.00		ug/L	251072	1	11/07/2017 02:19	TA

**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:** 14-Nov-17

<b>Client:</b> Atlanta Environmental Mgmt	<b>Client Sample ID:</b> 1051-110217-RS-002-B
<b>Project Name:</b> DCSD - 1051	<b>Collection Date:</b> 11/2/2017 5:37:00 AM
<b>Lab ID:</b> 1711192-016	<b>Matrix:</b> Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Trace Elements by ICP/MS E200.8</b>					<b>(E200.2)</b>			
Lead	5.74	1.00		ug/L	251072	1	11/07/2017 02:21	TA

**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 - 1051  
**Workorder:** 1711192

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 251072**

Sample ID: <b>MB-251072</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>11/06/2017</b>	Run No: <b>356272</b>							
SampleType: <b>MBLK</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>251072</b>	Analysis Date: <b>11/07/2017</b>	Seq No: <b>7848815</b>							
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: <b>LCS-251072</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>11/06/2017</b>	Run No: <b>356272</b>							
SampleType: <b>LCS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>251072</b>	Analysis Date: <b>11/07/2017</b>	Seq No: <b>7848817</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 95.43 1.00 100.0 95.4 85 115

Sample ID: <b>1711192-001AMS</b>	Client ID: <b>1051-110217-DF-011-A</b>	Units: <b>ug/L</b>	Prep Date: <b>11/06/2017</b>	Run No: <b>356272</b>							
SampleType: <b>MS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>251072</b>	Analysis Date: <b>11/07/2017</b>	Seq No: <b>7848821</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 98.87 1.00 100.0 4.279 94.6 70 130

Sample ID: <b>1711192-011AMS</b>	Client ID: <b>1051-110217-DF-007-A</b>	Units: <b>ug/L</b>	Prep Date: <b>11/06/2017</b>	Run No: <b>356272</b>							
SampleType: <b>MS</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>251072</b>	Analysis Date: <b>11/07/2017</b>	Seq No: <b>7848827</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 97.12 1.00 100.0 3.612 93.5 70 130

Sample ID: <b>1711192-001AMSD</b>	Client ID: <b>1051-110217-DF-011-A</b>	Units: <b>ug/L</b>	Prep Date: <b>11/06/2017</b>	Run No: <b>356272</b>							
SampleType: <b>MSD</b>	TestCode: <b>Trace Elements by ICP/MS E200.8</b>	BatchID: <b>251072</b>	Analysis Date: <b>11/07/2017</b>	Seq No: <b>7848823</b>							
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 4.279 93.8 70 130 98.87 0.797 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