



April 19, 2017

Via E-Mail: Joshua_I_williams@dekalbschoolsga.org

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

**Re: Lead in Drinking Water Sample Results
AIC Facility and DECA and Elizabeth Andrews High Schools (#0109)
1701 Mountain Industrial Blvd, Stone Mountain, GA 30083
AEM Project No. 1561-1601**

Dear Mr. Williams:

Atlanta Environmental Management, Inc. (AEM) is pleased to provide the DeKalb County School District (DCSD) an electronic copy of the Lead in Drinking Water Sample Results for AIC Facility and DECA and Elizabeth Andrews High Schools (Facility ID #0109). Samples were collected on April 4, 2017. Laboratory analytical results were received from Analytical Environmental Services, Inc., on April 18, 2017.

FINDINGS

AEM collected 99 drinking water samples from 50 of sources at AIC Facility and DECA and Elizabeth Andrews High Schools (Facility ID #0109), including two duplicate samples. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in the attached table.

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

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

Sincerely,

Atlanta Environmental Management, Inc.


Leona Miles, CHMM
Senior Project Manager


Janet T. Hart
President

/krf

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

Attachment: Table

**Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results
AIC Facility and DECA/Elizabeth Andrews High Schools
1701 Mountain Industrial Blvd., Stone Mountain, GA 30083**



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0109-040417-DF-001-A	Initial Draw Sample; Lower Right Oasis Drinking Fountain in Hallway across from B123; Wall-mounted	4/4/17 6:06 AM	None Detected
0109-040417-DF-001-B	Flush Sample; Lower Right Oasis Drinking Fountain in Hallway across from B123; Wall-mounted	4/4/17 6:07 AM	None Detected
0109-040417-DF-002-A	Initial Draw Sample; Upper Left Oasis Drinking Fountain in Hallway across from B123; Wall-mounted	4/4/17 6:08 AM	None Detected
0109-040417-DF-002-B	Flush Sample; Upper Left Oasis Drinking Fountain in Hallway across from B123; Wall-mounted	4/4/17 6:09 AM	None Detected
0109-040417-DF-003-A	Initial Draw Sample; Upper Left Oasis Drinking Fountain in Hallway across from C103; Wall-mounted	4/4/17 6:00 AM	None Detected
0109-040417-DF-003-B	Flush Sample; Upper Left Oasis Drinking Fountain in Hallway across from C103; Wall-mounted	4/4/17 6:01 AM	None Detected
0109-040417-DF-004-A	Initial Draw Sample; Lower Right Oasis Drinking Fountain in Hallway across from C103; Wall-mounted	4/4/17 6:02 AM	None Detected
0109-040417-DF-004-B	Flush Sample; Lower Right Oasis Drinking Fountain in Hallway across from C103; Wall-mounted	4/4/17 6:03 AM	None Detected
0109-040417-DF-005-A	Initial Draw Sample; Upper Left Oasis Drinking Fountain in Hallway across from D115; Wall-mounted	4/4/17 5:24 AM	None Detected
0109-040417-DF-005-B	Flush Sample; Upper Left Oasis Drinking Fountain in Hallway across from D115; Wall-mounted	4/4/17 5:25 AM	None Detected
0109-040417-DF-006-A	Initial Draw Sample; Lower Right Oasis Drinking Fountain in Hallway across from D115;	4/4/17 5:26 AM	None Detected
0109-040417-DF-006-B	Flush Sample; Lower Right Oasis Drinking Fountain in Hallway across from D115; Wall-mounted	4/4/17 5:27 AM	None Detected
0109-040417-DF-007-A	Initial Draw Sample; Single Elkay Drinking Fountain in Hallway to left of B107; Wall-mounted	4/4/17 5:09 AM	None Detected
0109-040417-DF-007-B	Flush Sample; Single Elkay Drinking Fountain in Hallway to left of B107; Wall-mounted	4/4/17 5:11 AM	None Detected
0109-040417-DF-008-A	Initial Draw Sample; Lower Right Oasis Drinking Fountain in Hallway outside of Rm F147; Student Commons	4/4/17 5:53 AM	None Detected

**Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results
AIC Facility and DECA/Elizabeth Andrews High Schools
1701 Mountain Industrial Blvd., Stone Mountain, GA 30083**



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0109-040417-DF-008-B	Flush Sample; Lower Right Oasis Drinking Fountain in Hallway outside of Rm F147; Student Commons	4/4/17 5:54 AM	None Detected
0109-040417-DF-009-A	Initial Draw Sample; Upper Left Oasis Drinking Fountain in Hallway outside of Rm F147; Student Commons	4/4/17 5:55 AM	None Detected
0109-040417-DF-009-B	Flush Sample; Upper Left Oasis Drinking Fountain in Hallway outside of Rm F147; Student Commons	4/4/17 5:56 AM	None Detected
0109-040417-DF-010-A	Initial Draw Sample; Lower Right Oasis Drinking Fountain in Hallway Outside of Cafeteria; Wall-mounted	4/4/17 5:33 AM	None Detected
0109-040417-DF-010-B	Flush Sample; Lower Right Oasis Drinking Fountain in Hallway Outside of Cafeteria; Wall-mounted	4/4/17 5:34 AM	None Detected
0109-040417-DF-011-A	Initial Draw Sample; Upper Right Oasis Drinking Fountain in Hallway Outside of Cafeteria; Wall-mounted	4/4/17 5:35 AM	None Detected
0109-040417-DF-011-B	Flush Sample; Upper Right Oasis Drinking Fountain in Hallway Outside of Cafeteria; Wall-mounted	4/4/17 5:36 AM	None Detected
0109-040417-DF-012-A	Initial Draw Sample; Lower Right Oasis Drinking Fountain in Gym; Wall-mounted	4/4/17 6:20 AM	None Detected
0109-040417-DF-012-B	Flush Sample; Lower Right Oasis Drinking Fountain in Gym; Wall-mounted	4/4/17 6:21 AM	None Detected
0109-040417-DF-013-A	Initial Draw Sample; Upper Left Oasis Drinking Fountain in Gym; Wall-mounted	4/4/17 6:22 AM	None Detected
0109-040417-DF-013-B	Flush Sample; Upper Left Oasis Drinking Fountain in Gym; Wall-mounted	4/4/17 6:23 AM	None Detected
0109-040417-DF-014-A	Initial Draw Sample; Upper Left Elkay Drinking Fountain in Hallway next to DECA Teacher's Lounge, across from Janitor	4/4/17 6:18 AM	None Detected
0109-040417-DF-014-B	Flush Sample; Upper Left Elkay Drinking Fountain in Hallway next to DECA Teacher's Lounge, across from Janitor	4/4/17 6:19 AM	None Detected
0109-040417-DF-015-A	Initial Draw Sample; Lower Right Elkay Drinking Fountain in Hallway next to DECA Teacher's Lounge, across from Janitor	4/4/17 6:20 AM	None Detected
0109-040417-DF-015-B	Flush Sample; Lower Right Elkay Drinking Fountain in Hallway next to DECA Teacher's Lounge, across from Janitor	4/4/17 6:21 AM	None Detected
0109-040417-DF-016-A	Initial Draw Sample; Single Elkay Drinking Fountain in Rm E140; Wall-mounted	4/4/17 5:36 AM	None Detected
0109-040417-DF-016-B	Flush Sample; Single Elkay Drinking Fountain in Rm E140; Wall-mounted	4/4/17 5:37 AM	None Detected

**Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results
AIC Facility and DECA/Elizabeth Andrews High Schools
1701 Mountain Industrial Blvd., Stone Mountain, GA 30083**



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0109-040417-DF-017-A	Initial Draw Sample; Single Elkay Drinking Fountain in Hallway to Right of E129; Wall-mounted	4/4/17 5:11 AM	None Detected
0109-040417-DF-017-B	Flush Sample; Single Elkay Drinking Fountain in Hallway to Right of E129; Wall-mounted	4/4/17 5:12 AM	None Detected
0109-040417-DF-018-A	Initial Draw Sample; Single Oasis Drinking Fountain in Hallway outside of E140 and across from E139	4/4/17 5:25 AM	None Detected
0109-040417-DF-018-B	Flush Sample; Single Oasis Drinking Fountain in Hallway outside of E140 and across from E139	4/4/17 5:26 AM	None Detected
0109-040417-DF-019-A	Initial Draw Sample; Upper Left Oasis Drinking Fountain in Hallway next to E214; Wall-mounted	4/4/17 5:48 AM	None Detected
0109-040417-DF-019-B	Flush Sample; Upper Left Oasis Drinking Fountain in Hallway next to E214; Wall-mounted	4/4/17 5:49 AM	None Detected
0109-040417-DF-020-A	Initial Draw Sample; Lower Right Oasis Drinking Fountain in Hallway next to E214; Wall-mounted	4/4/17 5:50 AM	None Detected
0109-040417-DF-020-B	Flush Sample; Lower Right Oasis Drinking Fountain in Hallway next to E214; Wall-mounted	4/4/17 5:51 AM	None Detected
0109-040417-DF-021-A	Initial Draw Sample; Lower Right Elkay Drinking Fountain in Hallway near Housekeeping L104; Wall-mounted	4/4/17 6:05 AM	None Detected
0109-040417-DF-021-B	Flush Sample; Lower Right Elkay Drinking Fountain in Hallway near Housekeeping L104; Wall-mounted	4/4/17 6:06 AM	None Detected
0109-040417-DF-022-A	Initial Draw Sample; Upper Left Elkay Drinking Fountain in Hallway near Housekeeping L104; Wall-mounted	4/4/17 6:03 AM	None Detected
0109-040417-DF-022-B	Flush Sample; Upper Left Elkay Drinking Fountain in Hallway near Housekeeping L104; Wall-mounted	4/4/17 6:04 AM	None Detected
0109-040417-DF-023-A	Initial Draw Sample; Upper Left Elkay Drinking Fountain in Hallway near Green Room; Wall-mounted	4/4/17 5:50 AM	None Detected
0109-040417-DF-023-B	Flush Sample; Upper Left Elkay Drinking Fountain in Hallway near Green Room; Wall-mounted	4/4/17 5:51 AM	None Detected

**Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results
AIC Facility and DECA/Elizabeth Andrews High Schools
1701 Mountain Industrial Blvd., Stone Mountain, GA 30083**



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0109-040417-DF-024-A	Initial Draw Sample; Lower Right Elkay Drinking Fountain in Hallway near Green Room; Wall-mounted	4/4/17 5:52 AM	None Detected
0109-040417-DF-024-B	Flush Sample; Lower Right Elkay Drinking Fountain in Hallway near Green Room; Wall-mounted	4/4/17 5:53 AM	None Detected
0109-040417-DF-025-A	Initial Draw Sample; Lower Right Oasis Drinking Fountain in Circle Hallway of Admin Building; Wall-mounted	4/4/17 5:24 AM	None Detected
0109-040417-DF-025-B	Flush Sample; Lower Right Oasis Drinking Fountain in Circle Hallway of Admin Building; Wall-mounted	4/4/17 5:25 AM	None Detected
0109-040417-DF-026-A	Initial Draw Sample; Upper Left Oasis Drinking Fountain in Circle Hallway of Admin Building	4/4/17 5:22 AM	None Detected
0109-040417-DF-026-B	Flush Sample; Upper Left Oasis Drinking Fountain in Circle Hallway of Admin Building	4/4/17 5:23 AM	None Detected
0109-040417-CS-001-A	Initial Draw Sample; Left Food Prep Sink in Kitchen across from entrance	4/4/17 5:45 AM	2.25
0109-040417-CS-001-B	Flush Sample; Left Food Prep Sink in Kitchen across from entrance	4/4/17 5:46 AM	None Detected
0109-040417-CS-002-A	Initial Draw Sample; Right Food Prep Sink in Kitchen across from entrance	4/4/17 5:47 AM	4.86
0109-040417-CS-002-B	Flush Sample; Right Food Prep Sink in Kitchen across from entrance	4/4/17 5:48 AM	1.59
0109-040417-CS-003-A	Initial Draw Sample; Sink in Break Rm E135	4/4/17 5:31 AM	None Detected
0109-040417-CS-003-B	Flush Sample; Sink in Break Rm E135	4/4/17 5:32 AM	None Detected
0109-040417-CS-004-A	Initial Draw Sample; Handwash Sink in Cubicle Area next to E145 of HR Building	4/4/17 5:07 AM	None Detected
0109-040417-CS-004-B	Flush Sample; Handwash Sink in Cubicle Area next to E145 of HR Building	4/4/17 5:08 AM	None Detected
0109-040417-CS-005-A	Initial Draw Sample; Sink in Break Rm E216	4/4/17 5:58 AM	None Detected
0109-040417-CS-005-B	Flush Sample; Sink in Break Rm E216	4/4/17 5:59 AM	None Detected
0109-040417-CS-006-A	Initial Draw Sample; Sink near Fridge in Rm G-111 of Superintendent Office Area	4/4/17 5:44 AM	None Detected
0109-040417-CS-006-B	Flush Sample; Sink near Fridge in Rm G-111 of Superintendent Office Area	4/4/17 5:45 AM	None Detected
0109-040417-CS-007-A	Initial Draw Sample; Sink near the coffee maker in Breakroom/Rm J107	4/4/17 5:55 AM	None Detected
0109-040417-CS-007-B	Flush Sample; Sink near the coffee maker in Breakroom/Rm J107	4/4/17 5:56 AM	None Detected
0109-040417-CS-008-A	Initial Draw Sample; Sink near coffee maker in Rm K115	4/4/17 6:00 AM	None Detected
0109-040417-CS-008-B	Flush Sample; Sink near coffee maker in Rm K115	4/4/17 6:01 AM	1.99
0109-040417-CS-009-A	Initial Draw Sample; Sink in Breakroom/Rm F110	4/4/17 5:31 AM	None Detected

**Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results
AIC Facility and DECA/Elizabeth Andrews High Schools
1701 Mountain Industrial Blvd., Stone Mountain, GA 30083**



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0109-040417-CS-009-B	Flush Sample; Sink in Breakroom/Rm F110	4/4/17 5:32 AM	None Detected
0109-040417-CS-010-A	Initial Draw Sample; Sink in Break Rm F137 in circle hall	4/4/17 5:15 AM	1.56
0109-040417-CS-010-B	Flush Sample; Sink in Break Rm F137 in circle hall	4/4/17 5:16 AM	None Detected
0109-040417-CS-011-A	Initial Draw Sample; Sink in Breakroom of Superintendent Offices	4/4/17 6:10 AM	None Detected
0109-040417-CS-011-B	Flush Sample; Sink in Breakroom of Superintendent Offices	4/4/17 6:11 AM	None Detected
0109-040417-CS-012-A	Initial Draw Sample; Sink in Back near Fridge in Copy/Break Rm of Instructional Area #1	4/4/17 5:11 AM	None Detected
0109-040417-CS-012-B	Flush Sample; Sink in Back near Fridge in Copy/Break Rm of Instructional Area #1	4/4/17 5:12 AM	None Detected
0109-040417-CS-013-A	Initial Draw Sample; Sink in Cubicle Area Right of E138 in HR Building	4/4/17 5:40 AM	None Detected
0109-040417-CS-013-B	Flush Sample; Sink in Cubicle Area Right of E138 in HR Building	4/4/17 5:41 AM	None Detected
0109-040417-RS-001-A	Initial Draw Sample; Far Right Sink in Girl's RR next to Rm B110	4/4/17 5:37 AM	None Detected
0109-040417-RS-001-B	Flush Sample; Far Right Sink in Girl's RR next to Rm B110	4/4/17 5:38 AM	None Detected
0109-040417-RS-002-A	Initial Draw Sample; Automatic Sink in DECA Boy's RR next to Rm 112	4/4/17 6:19 AM	None Detected
0109-040417-RS-002-B	Flush Sample; Automatic Sink in DECA Boy's RR next to Rm 112	4/4/17 6:20 AM	None Detected
0109-040417-RS-003-A	Initial Draw Sample; Far Right Sink in Women's RR to left of E214	4/4/17 5:55 AM	None Detected
0109-040417-RS-003-B	Flush Sample; Far Right Sink in Women's RR to left of E214	4/4/17 5:56 AM	None Detected
0109-040417-RS-004-A	Initial Draw Sample; Far Left Sink in Women's RR of Circle Hall in Admin. Building	4/4/17 5:19 AM	None Detected
0109-040417-RS-004-B	Flush Sample; Far Left Sink in Women's RR of Circle Hall in Admin. Building	4/4/17 5:20 AM	None Detected
0109-040417-RS-005-A	Initial Draw Sample; Sink in Women's RR on "K" Hall	4/4/17 5:35 AM	None Detected
0109-040417-RS-005-B	Flush Sample; Sink in Women's RR on "K" Hall	4/4/17 5:36 AM	None Detected
0109-040417-TL-001-A	Initial Draw Sample; Sink in Teacher's Lounge Rm D109	4/4/17 5:19 AM	None Detected
0109-040417-TL-001-B	Flush Sample; Sink in Teacher's Lounge Rm D109	4/4/17 5:20 AM	None Detected
0109-040417-TL-002-A	Initial Draw Sample; Sink in Teacher's Lounge Rm B100	4/4/17 5:14 AM	None Detected
0109-040417-TL-002-B	Flush Sample; Sink in Teacher's Lounge Rm B100	4/4/17 5:15 AM	None Detected
0109-040417-TL-003-A	Initial Draw Sample; Sink in Teacher's Lounge across from Science 1 in DECA	4/4/17 6:11 AM	None Detected
0109-040417-TL-003-B	Flush Sample; Sink in Teacher's Lounge across from Science 1 in DECA	4/4/17 6:12 AM	None Detected
0109-040417-IM-001-A	Initial Draw Sample; Manitowoc Ice Machine in Kitchen	4/4/17 5:42 AM	None Detected
0109-040417-IM-002-A	Initial Draw Sample; Ice Machine in Fileroom of the Superintendent's Office	4/4/17 6:13 AM	None Detected

**Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results
AIC Facility and DECA/Elizabeth Andrews High Schools
1701 Mountain Industrial Blvd., Stone Mountain, GA 30083**



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0109-040417-SC-001-A	Service Connection Entry into Building	4/4/17 4:55 AM	None Detected

Notes:

ppb-parts per billion

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

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



November 7, 2017

Via E-Mail: Joshua_I_williams@dekalbschoolsga.org

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

**Re: Final Lead in Drinking Water Sample Results
AIC Bus Fleet Facility (#0109)
1701 Mountain Industrial Blvd, Stone Mountain, Georgia 30083
AEM Project No. 1561-1601**

Dear Mr. Williams:

Atlanta Environmental Management, Inc. (AEM) is pleased to provide the DeKalb County School District (DCSD) an electronic copy of the Final Lead in Drinking Water Sample Results for the AIC Bus Fleet Facility (Facility ID #0109). Samples were collected on October 6, 2017. Laboratory analytical results were received from Analytical Environmental Services, Inc., on October 16, 2017.

FINDINGS

AEM collected eight drinking water samples from three sources at the AIC Bus Fleet Facility (Facility ID #0109), including two duplicate samples. Figure 1 depicts the source sample locations. Samples were collected in accordance with the Water Sampling Methodology Protocol for DeKalb County School District, dated September 12, 2016. A copy of AEM's Field Sampling Notes is provided in Attachment A.

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

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

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)

Attachments

FIGURE


Legend

- ▲ - Drinking Fountain (DF)
- ★ - Other (OT)
- - Restroom Sink (RS)



Bus Fleet Building



 Atlanta Environmental Management, Inc. <small>Environmental Consulting, Engineering, Hydrogeologic Services</small> 2580 Northeast Expressway • Atlanta, Georgia 30345 Phone: 404.329.9006 • Fax: 404.329.2057		Client: DeKalb County School District Site Location: AIC Mountain Industrial Facility (Bus Fleet Facility) 1701 Mountain Industrial Blvd. Stone Mountain, GA 30083	
PROJECT #:	1561-1601-0109	DATE:	October 17, 2017
DRAWN BY:	AL	REVISED:	----
CHECKED BY:	TR	SCALE:	NTS
PROJECT MGR:	LM	PRINTED:	10/17/2017 10:46 AM
			Sample Location Plan
			Figure 1
G:\DWG\1561-1601 DeKalb County Schools\0109\0109			

TABLE

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

AIC Bus Fleet Facility

1701 Mountain Industrial Blvd., Stone Mountain, GA 30083



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0109-100617-DF-027-A	Initial Draw Sample; Single Oasis Drinking Fountain in the Hallway across from the Breakroom; AIC Bus Fleet Building	10/6/17 4:45 AM	None Detected
0109-100617-DF-027-B	Flush Sample; Single Oasis Drinking Fountain in the Hallway across from the Breakroom; AIC Bus Fleet Building	10/6/17 4:47 AM	None Detected
0109-100617-DF-027-C	Initial Draw Sample Duplicate; Single Oasis Drinking Fountain in the Hallway across from the Breakroom; AIC Bus Fleet Building	10/6/17 4:46 AM	None Detected
0109-100617-RS-006-A	Initial Draw Sample; Gooseneck sink on the left next to water heater in Men's RR; AIC Bus Fleet Building	10/6/17 4:56 AM	5.92
0109-100617-RS-006-B	Flush Sample; Gooseneck sink on the left next to water heater in Men's RR; AIC Bus Fleet Building	10/6/17 4:57 AM	None Detected
0109-100617-RS-006-C	Flush Duplicate Sample; Gooseneck sink on the left next to water heater in Men's RR; AIC Bus Fleet Building	10/6/17 4:58 AM	None Detected
0109-100617-OT-001-A	Initial Draw Sample; Single sink in Mechanic's Shop next to Bay Door Lift Machine and Safety Shower; AIC Bus Fleet Building	10/6/17 4:51 AM	None Detected
0109-100617-OT-001-B	Flush Sample; Single sink in Mechanic's Shop next to Bay Door Lift Machine and Safety Shower; AIC Bus Fleet Building	10/6/17 4:52 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

ATTACHMENT A
AEM Field Sampling Forms

DEKALB COUNTY SCHOOL DISTRICT
LEAD IN DRINKING WATER FIELD DATA SHEET

FACILITY NAME: "AIC" MOUNTAIN INDUSTRIAL FACILITY - Bus Fleet
ADDRESS: 1701 Mountain Industrial Blvd. Stone Mtn, GA, 30083

FACILITY ID: 0109

DATE	TIME	SAMPLE ID (Facility ID-Date-Location Type-Sequential #-Sample Type)	NEAREST ROOM	LOCATION (circle)	DESCRIPTION	SAMPLER INIT.
10/6/17	0445	0109 - 100617 - DF-027-A	Across Breakroom	In room Hallway	Single Oasis DF across from breakroom	Law
10/6/17	0447	0109 - 100617 - DF-027-B	↓	In room Hallway	" " Flush	Law
10/6/17	0446	0109 - 100617 - DF-027-C	↓	In room Hallway	Initial Dup	Law
10/6/17	0451	0109 - 100617 - OT-001-A	Mechanic Shop	In room Hallway	Single sink in Mechanic Shop next to Bay Door lift machine + safety shower	Law
10/6/17	0452	0109 - 100617 - OT-001-B	↓	In room Hallway	" " Flush	Law
10/6/17	0456	0109 - 100617 - RS-006-A	Men's RR	In room Hallway	Gooseneck sink on the left next to water heater	Law
10/6/17	0457	0109 - 100617 - RS-006-B	↓	In room Hallway	" " flush	Law
10/6/17	0458	0109 - 100617 - RS-006-C	↓	In room Hallway	Flush Dup	Law
10/6/17		0109 - 100617 -		In room Hallway		
10/6/17		0109 - 100617 -		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: Monday, October 16, 2017 1:19 PM
To: leona-miles@aem-net.com; tim-royer@aem-net.com
Subject: DCSD - 0109
Attachments: 1710562_REPORT.pdf; 1710562Invoice.pdf

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

AES Reporting System

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

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ANALYTICAL ENVIRONMENTAL SERVICES, INC.

October 16, 2017

Leona Miles
Atlanta Environmental Mgmt
2580 NE Expressway
Atlanta GA 30345

RE: DCSD - 0109

Dear Leona Miles:

Order No: 1710562

Analytical Environmental Services, Inc. received 8 samples on 10/6/2017 8:30:00 AM for the analyses presented in following report.

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

AES's accreditations are as follows:

-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

Date: 16-Oct-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 0109-100617-DF-027-A
Project Name: DCSD - 0109	Collection Date: 10/6/2017 4:45:00 AM
Lab ID: 1710562-001	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8								
				(E200.2)				
Lead	BRL	1.00		ug/L	249551	1	10/10/2017 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: 16-Oct-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 0109-100617-DF-027-B
Project Name: DCSD - 0109	Collection Date: 10/6/2017 4:47:00 AM
Lab ID: 1710562-002	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	249551	1	10/10/2017 17:51	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: 16-Oct-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 0109-100617-DF-027-C
Project Name: DCSD - 0109	Collection Date: 10/6/2017 4:46:00 AM
Lab ID: 1710562-003	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	249551	1	10/10/2017 17:58	JR

Qualifiers:

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

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

Analytical Environmental Services, Inc

Date: 16-Oct-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 0109-100617-OT-001-A
Project Name: DCSD - 0109	Collection Date: 10/6/2017 4:51:00 AM
Lab ID: 1710562-004	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	249551	1	10/10/2017 18:04	JR

Qualifiers:

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

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

Analytical Environmental Services, Inc

Date: 16-Oct-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 0109-100617-OT-001-B
Project Name: DCSD - 0109	Collection Date: 10/6/2017 4:52:00 AM
Lab ID: 1710562-005	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	249551	1	10/10/2017 18:10	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: 16-Oct-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 0109-100617-RS-006-A
Project Name: DCSD - 0109	Collection Date: 10/6/2017 4:56:00 AM
Lab ID: 1710562-006	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	5.92	1.00		ug/L	249551	1	10/10/2017 16:36	JR

Qualifiers:

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

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

Analytical Environmental Services, Inc

Date: 16-Oct-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 0109-100617-RS-006-B
Project Name: DCSD - 0109	Collection Date: 10/6/2017 4:57:00 AM
Lab ID: 1710562-007	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	249551	1	10/10/2017 18:17	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: 16-Oct-17

Client: Atlanta Environmental Mgmt	Client Sample ID: 0109-100617-RS-006-C
Project Name: DCSD - 0109	Collection Date: 10/6/2017 4:58:00 AM
Lab ID: 1710562-008	Matrix: Drinking Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Lead	BRL	1.00		ug/L	249551	1	10/10/2017 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

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 - 0109
Workorder: 1710562

ANALYTICAL QC SUMMARY REPORT

BatchID: 249551

Sample ID: MB-249551	Client ID:	Units: ug/L	Prep Date: 10/09/2017	Run No: 354101							
SampleType: MBLK	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 249551	Analysis Date: 10/10/2017	Seq No: 7792269							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead BRL 1.00

Sample ID: LCS-249551	Client ID:	Units: ug/L	Prep Date: 10/09/2017	Run No: 354101							
SampleType: LCS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 249551	Analysis Date: 10/10/2017	Seq No: 7792270							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 101.1 1.00 100.0 101 85 115

Sample ID: 1710561-017AMS	Client ID:	Units: ug/L	Prep Date: 10/09/2017	Run No: 354101							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 249551	Analysis Date: 10/10/2017	Seq No: 7792272							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 98.24 1.00 100.0 4.276 94.0 70 130

Sample ID: 1710562-006AMS	Client ID: 0109-100617-RS-006-A	Units: ug/L	Prep Date: 10/09/2017	Run No: 354101							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 249551	Analysis Date: 10/10/2017	Seq No: 7792275							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 105.8 1.00 100.0 5.924 99.8 70 130

Sample ID: 1710561-017AMSD	Client ID:	Units: ug/L	Prep Date: 10/09/2017	Run No: 354101							
SampleType: MSD	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 249551	Analysis Date: 10/10/2017	Seq No: 7792273							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 102.6 1.00 100.0 4.276 98.3 70 130 98.24 4.32 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