

February 20, 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 Columbia High School (Facility ID #2054) 2106 Columbia Drive, Decatur, Georgia 30032 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 Columbia High School (Facility ID #2054). Samples were collected on February 3, 2017. Laboratory analytical results were received from Analytical Environmental Services, Inc., on February 17, 2017.

FINDINGS

AEM collected 105 drinking water samples from 54 sources at Columbia High School (Facility ID #2054), 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. eonal Leona Miles, CHMM Senior Project Manager For 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



			Lead Test
Sample ID*			Results
	Sample Location Description	Sample Date & Time	(ppb)
2054-020317-DF-001-A	Initial Draw sample; Advance Tabco handwash station in Kitchen Rm 98	2/3/17 5:21 AM	None Detected
2054-020317-DF-001-B	Flush sample; Advance Tabco handwash station in Kitchen Rm 99	2/3/17 5:22 AM	None Detected
	Initial Draw sample; Lower Left wall mounted Elkay Drinking Fountain in hallway across		
2054-020317-DF-002-A	from Rm E241	2/3/17 5:40 AM	None Detected
	Flush sample; Lower Left wall mounted Elkay Drinking Fountain in hallway across from Rm		
2054-020317-DF-002-B	E241	2/3/17 5:41 AM	None Detected
	Initial Draw sample; Upper Right wall mounted Elkay Drinking Fountain in hallway across		
2054-020317-DF-003-A	from E241	2/3/17 5:42 AM	None Detected
	Flush sample; Upper Right wall mounted Elkay Drinking Fountain in hallway across from		
2054-020317-DF-003-B	E241	2/3/17 5:43 AM	None Detected
2054-020317-DF-004-A	Initial Draw sample; Lower Right Acorn Drinking Fountain outside Cafeteria Rm D225	2/3/17 5:35 AM	None Detected
2054-020317-DF-004-A 2054-020317-DF-004-B	Flush sample; Lower Right Acorn Drinking Fountain outside Cafeteria Rm D225	2/3/17 5:36 AM	None Detected
2034-020317-01-004-0		2/3/17 3.30 AM	None Detected
2054-020317-DF-005-A	Initial Draw sample; Upper Left Acorn Drinking Fountain outside Cafeteria Rm D225	2/3/17 5:32 AM	None Detected
2054-020317-DF-005-B	Flush sample; Upper Left Acorn Drinking Fountain outside Cafeteria Rm D225	2/3/17 5:33 AM	None Detected
	Initial Draw sample; Upper Right wall mounted Elkay Drinking Fountain in hallway to left of		
2054-020317-DF-006-A	Rm F282	2/3/17 5:50 AM	None Detected
	flush sample; Upper Right wall mounted Elkay Drinking Fountain in hallway to left of Rm		
2054-020317-DF-006-B	F282	2/3/17 5:51 AM	None Detected
	Initial Draw sample; Lower Left wall mounted Elkay Drinking Fountain in hallway to left of		
2054-020317-DF-007-A	Rm F282	2/3/17 5:52 AM	None Detected
	flush sample; Lower Left wall mounted Elkay Drinking Fountain in hallway to left of Rm		
2054-020317-DF-007-B	F282	2/3/17 5:53 AM	None Detected
	Initial Draw sample; Upper Right wall mounted Elkay Drinking Fountain in hallway across		
2054-020317-DF-008-A	from Rm F288	2/3/17 5:04 AM	None Detected
	Flush sample; Upper Right wall mounted Elkay Drinking Fountain in hallway across from		
2054-020317-DF-008-B	Rm F288	2/3/17 5:05 AM	None Detected



			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Initial Draw sample; Lower Left wall mounted Elkay Drinking Fountain in hallway across		
2054-020317-DF-009-A	from Rm F288	2/3/17 5:06 AM	None Detected
	Flush sample; Lower Left wall mounted Elkay Drinking Fountain in hallway across from Rm		
2054-020317-DF-009-B	F288	2/3/17 5:07 AM	None Detected
2054-020317-DF-010-A	Initial Draw sample; Upper Right wall mounted Drinking Fountain in hallway near Rm F295	2/3/17 5:11 AM	None Detected
2054-020317-DF-010-B	Flush sample; Upper Right wall mounted Drinking Fountain in hallway near Rm F295	2/3/17 5:12 AM	None Detected
2054-020317-DF-011-A	Initial Draw sample; Lower Left wall mounted Drinking Fountain in hallway near Rm F295	2/3/17 5:06 AM	None Detected
2054-020317-DF-011-B	Flush sample; Lower Left wall mounted Drinking Fountain in hallway near Rm F295	2/3/17 5:07 AM	None Detected
2054-020317-DF-012-A	Initial Draw sample; Lower Left wall mounted Drinking Fountain in hallway near Rm 8	2/3/17 4:58 AM	None Detected
2054-020317-DF-012-B	Flush sample; Lower Left wall mounted Drinking Fountain in hallway near Rm 8	2/3/17 4:59 AM	None Detected
2054-020317-DF-013-A	Initial Draw sample; Upper Right wall mounted Drinking Fountain in hallway near Rm 8	2/3/17 5:01 AM	None Detected
2054-020317-DF-013-B	Flush sample; Upper Right wall mounted Drinking Fountain in hallway near Rm 8	2/3/17 5:02 AM	None Detected
2054-020317-DF-014-A	Initial Draw sample; Upper Right wall mounted Elkay Drinking Fountain in hallway to left of Rm B187	2/3/17 5:33 AM	None Detected
2054-020317-DF-014-B	Flush sample; Upper Right wall mounted Elkay Drinking Fountain in hallway to left of Rm B187	2/3/17 5:34 AM	None Detected
	Initial Draw sample; Lower Left wall mounted Elkay Drinking Fountain in hallway to left of		
2054-020317-DF-015-A	Rm B187	2/3/17 5:35 AM	None Detected
2054-020317-DF-015-B	Flush sample; Lower Left wall mounted Elkay Drinking Fountain in hallway to left of Rm B187	2/3/17 5:36 AM	None Detected



			Lead Test
			Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Initial Draw sample; Upper Right wall mounted Elkay Drinking Fountain in hallway across		
2054-020317-DF-016-A	from B206. Front button was stuck; used side button to operate.	2/3/17 5:40 AM	None Detected
	Flush sample; Upper Right wall mounted Elkay Drinking Fountain in hallway across from		
2054-020317-DF-016-B	B206. Front button was stuck; used side button to operate.	2/3/17 5:41 AM	None Detected
	Initial Draw sample; Lower Left wall mounted Elkay Drinking Fountain in hallway across		
2054-020317-DF-017-A	from B206	2/3/17 5:42 AM	None Detected
	Flush sample; Lower Left wall mounted Elkay Drinking Fountain in hallway across from		
2054-020317-DF-017-B	B206	2/3/17 5:43 AM	None Detected
2054-020317-DF-018-A	Initial Draw sample; Single wall mounted Elkay Drinking Fountain outside near track RR's	2/3/17 5:13 AM	None Detected
2054-020317-DF-018-B	Flush sample; Single wall mounted Elkay Drinking Fountain outside near track RR's	2/3/17 5:14 AM	None Detected
2054-020317-DF-020-A	Initial Draw sample; Single lower Drinking Fountain in Gym near Boys RR	2/3/17 5:26 AM	None Detected
2054-020317-DF-020-B	Flush sample; Single lower Drinking Fountain in Gym near Boys RR	2/3/17 5:27 AM	None Detected
2054-020317-DF-021-A	Initial Draw sample; Single lower Drinking Fountain in Gym near Girls RR	2/3/17 5:29 AM	None Detected
2054-020317-DF-021-B	Flush sample; Single lower Drinking Fountain in Gym near Girls RR	2/3/17 5:30 AM	None Detected
2054-020317-DF-022-A	Initial Draw sample; Lower Left Drinking Fountain in weight room lockers	2/3/17 5:50 AM	None Detected
2054-020317-DF-022-B	Flush sample; Lower Left Drinking Fountain in weight room lockers	2/3/17 5:51 AM	None Detected
	Initial Draw sample; Upper Right Drinking Fountain in weight room lockers; Standing water		
2054-020317-DF-023-A	observed on arrival	2/3/17 5:56 AM	None Detected
	Flush sample; Upper Right Drinking Fountain in weight room lockers; Standing water		
2054-020317-DF-023-B	observed on arrival	2/3/17 5:57 AM	None Detected
2054-020317-DF-024-A	Initial Draw sample; Upper Left Drinking Fountain in hallway near ROTC room	2/3/17 6:11 AM	None Detected
2054-020317-DF-024-B	Flush sample; Upper Left Drinking Fountain in hallway near ROTC room	2/3/17 6:12 AM	None Detected
2054-020317-DF-025-A	Initial Draw sample; Lower Right Drinking Fountain in hallway near ROTC room	2/3/17 6:15 AM	None Detected
2054-020317-DF-025-B	Flush sample; Lower Right Drinking Fountain in hallway near ROTC room	2/3/17 6:16 AM	None Detected
2054-020317-DF-026-A	Initial Draw sample; Lower Left Drinking Fountain in hallway near weight room	2/3/17 5:38 AM	None Detected
2054-020317-DF-026-B	Flush sample; Lower Left Drinking Fountain in hallway near weight room	2/3/17 5:39 AM	None Detected



			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
2054-020317-DF-027-A	Initial Draw sample; Upper Right Drinking Fountain in hallway near weight room	2/3/17 6:05 AM	None Detected
2054-020317-DF-027-B	Flush sample; Lupper Right Drinking Fountain in hallway near weight room	2/3/17 6:06 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain across from Girls		
2054-020317-DF-028-A	RR in Auditorium lobby	2/3/17 6:00 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain across from Girls RR in		
2054-020317-DF-028-B	Auditorium lobby	2/3/17 6:01 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain across from Girls RR		
2054-020317-DF-029-A	in Auditorium lobby	2/3/17 6:02 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain across from Girls RR in		
2054-020317-DF-029-B	Auditorium lobby	2/3/17 6:03 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain across from Boys		
2054-020317-DF-030-A	RR in Auditorium lobby	2/3/17 5:49 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain across from Boys RR in		
2054-020317-DF-030-B	Auditorium lobby	2/3/17 5:50 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across		
2054-020317-DF-031-A	from Boys RR in Auditorium lobby	2/3/17 5:51 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from		
2054-020317-DF-031-B	Boys RR in Auditorium lobby	2/3/17 5:52 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain on stage to right of		
2054-020317-DF-032-A	Rm A115 in Auditorium	2/3/17 6:15 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain on stage to right of Rm		
2054-020317-DF-032-B	A115 in Auditorium	2/3/17 6:16 AM	1.04
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain on stage to right of		
2054-020317-DF-033-A	Rm A115 in Auditorium	2/3/17 6:17 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain on stage to right of Rm		
2054-020317-DF-033-B	A115 in Auditorium	2/3/17 6:18 AM	1.51



			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain on stage to right of		
2054-020317-DF-034-A	Rm A121 in Auditorium	2/3/17 6:18 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain on stage to right of Rm		
2054-020317-DF-034-B	A121 in Auditorium	2/3/17 6:19 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain on stage to right of		
2054-020317-DF-035-A	Rm A121 in Auditorium	2/3/17 6:20 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain on stage to right of Rm		
2054-020317-DF-035-B	A121 in Auditorium	2/3/17 6:21 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain outside of Kitchen		
2054-020317-DF-036-A	Rm C169	2/3/17 5:04 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain outside of Kitchen Rm		
2054-020317-DF-036-B	C169	2/3/17 5:05 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain outside of Kitchen		
2054-020317-DF-037-A	Rm C169	2/3/17 5:06 AM	None Detected
	Flush sample; Upper Left wall mounted Elkay Drinking Fountain outside of Kitchen Rm		
2054-020317-DF-037-B	C169	2/3/17 5:07 AM	None Detected
	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near band		
2054-020317-DF-038-A	room	2/3/17 5:53 AM	None Detected
2054-020317-DF-038-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near band room	2/3/17 5:54 AM	None Detected
	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway near		
2054-020317-DF-039-A	band room	2/3/17 5:55 AM	None Detected
	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway near band		
2054-020317-DF-039-B	room	2/3/17 5:56 AM	None Detected
2054-020317-DF-040-A	Initial Draw sample; Lower Left wall mounted Elkay Drinking Fountain in Computer Lab	2/3/17 6:02 AM	None Detected
2054-020317-DF-040-B	Flush sample; Lower Left wall mounted Elkay Drinking Fountain in Computer Lab	2/3/17 6:03 AM	None Detected



			Lead Test
Sample ID*	Sample Location Description	Sample Date & Time	Results (ppb)
•			
2054-020317-RS-001-A	Initial Draw sample; Boys RR around corner from Rm F288; Sampled left most sink	2/3/17 5:01 AM	None Detected
2054-020317-RS-001-B	Flush sample; Boys RR around corner from Rm F288; Sampled left most sink	2/3/17 5:02 AM	None Detected
2054-020317-RS-002-A	Initial Draw sample; Womens RR near Rm B183; Sampled left most sink	2/3/17 5:25 AM	None Detected
2054-020317-RS-002-B	Flush sample; Womens RR near Rm B183; Sampled left most sink	2/3/17 5:26 AM	None Detected
2054-020317-RS-003-A	Initial Draw sample; Only sink in Ladies RR beside track	2/3/17 5:20 AM	3.33
2054-020317-RS-003-B	Flush sample; Only sink in Ladies RR beside track	2/3/17 5:21 AM	None Detected
2054-020317-RS-004-A	Initial Draw sample; Boys RR in Gym; Sampled sink farthest from door	2/3/17 5:21 AM	None Detected
2054-020317-RS-004-B	Flush sample; Boys RR in Gym; Sampled sink farthest from door	2/3/17 5:22 AM	None Detected
2054-020317-RS-005-A	Initial Draw sample; around corner from DF 26 and 27; Sampled far left sink in room	2/3/17 6:08 AM	None Detected
2054-020317-RS-005-B	Flush sample; around corner from DF 26 and 27; Sampled far left sink in room	2/3/17 6:09 AM	None Detected
2054-020317-RS-006-A	Initial Draw sample; Girls RR in Auditorium lobby; Sampled far right sink	2/3/17 6:06 AM	2.16
2054-020317-RS-006-B	Flush sample; Girls RR in Auditorium lobby; Sampled far right sink	2/3/17 6:07 AM	1.11
2054-020317-RS-008-A	Initial Draw sample; Boys RR near Band room; Sampled left most sink; Dripping on arrival	2/3/17 5:46 AM	None Detected
2054-020317-RS-008-B	Flush sample; Boys RR near Band room; Sampled left most sink; Dripping on arrival	2/3/17 5:47 AM	None Detected
2054-020317-CS-001-A	Initial Draw sample; Food Prep sink in Kitchen Rm 98	2/3/17 5:24 AM	None Detected
2054-020317-CS-001-B	Flush sample; Food Prep sink in Kitchen Rm 98	2/3/17 5:26 AM	None Detected
2054-020317-IM-001-A	Hoshizaki Ice Machine in Kitchen Rm 98; Only Ice Machine in room	2/3/17 5:15 AM	None Detected
2054-020317-IM-002-A	Ice-O-Matic Ice Machine in weight room	2/3/17 5:45 AM	None Detected
2054-020317-IM-003-A	Scotsman Ice Machine in Concession stand in Auditorium lobby	2/3/17 5:53 AM	None Detected
2054-020317-IM-004-A	Scotsman Ice Machine in Kitchen Rm C169; Only Ice Machine in room	2/3/17 5:09 AM	None Detected
2054-020317-TL-001-A	Initial Draw sample; Only sink in Rm F315	2/3/17 5:55 AM	None Detected
2054-020317-TL-001-B	Flush sample; Only sink in Rm F315	2/3/17 5:56 AM	None Detected
2054-020317-AF-001-A	Initial Draw sample; Concession Stand sink near track RR's	2/3/17 5:40 AM	5.85
2054-020317-AF-001-B	Flush sample; Concession Stand sink near track RR's	2/3/17 5:41 AM	None Detected



2106 Columbia Drive, Decatur, GA 30032

			Lead Test Results
Sample ID*	Sample Location Description	Sample Date & Time	(ppb)
2054-020317-SC-001-A	Service Connection Entry into Building	2/3/17 4:58 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



May 12, 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 Columbia High School (Facility ID #2054) 2106 Columbia Drive, Decatur, Georgia 30032 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 Columbia High School (Facility ID #2054). Additional drinking water samples from select source units were collected on April 13, 2017, and analytical results were received from Analytical Environmental Services, Inc., on April 27, 2017.

FINDINGS

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

During the initial sampling event on February 3, 2017, two source units were inoperable and could not be sampled. DCSD made repairs to the inoperable source units and AEM collected four drinking water samples from these units on April 13, 2017. Additionally, during the initial sampling event, three source units were required to be sampled; however, they were inadvertently missed and were not sampled. Thus, AEM collected six samples from these three source units on April 13, 2017.

A description of the drinking water outlet sampled and a summary of sample analytical results are provided in Table 1.

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

Mr. Joshua Williams—DeKalb County School District May 12, 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) Sandra Glenn (DeKalb County Watershed Management) Ryan Cira (DeKalb Board of Health)

Attachment: Table





2106 Columbia Drive, Decatur, GA 30032

			Lead Test
			Results
Sample ID ^{*/**}	Sample Location Description	Sample Date & Time	(ppb)
2054-041317-DF-019-A	Initial Draw sample; Single Elkay Drinking Fountain behind baseball dugout outside	4/13/17 5:22 AM	None Detected
2054-041317-DF-019-B	Flush sample; Single Elkay Drinking Fountain behind baseball dugout outside	4/13/17 5:23 AM	None Detected
2054-041317-DF-041-A	Initial Draw sample; Upper Right wall mounted Elkay Drinking Fountain in Computer Lab	4/13/17 5:15 AM	None Detected
2054-041317-DF-041-B	Flush sample; Upper Right wall mounted Elkay Drinking Fountain in Computer Lab	4/13/17 5:16 AM	None Detected
2054-041317-CS-002-A	Initial Draw sample; Front right sink in Rm C169	4/13/17 5:03 AM	4.91
2054-041317-CS-002-B	Flush sample; Front right sink in Rm C169	4/13/17 5:04 AM	None Detected
2054-041317-CS-003-A	Initial Draw sample; Right sink in Rm C169	4/13/17 5:05 AM	4.31
2054-041317-CS-003-B	Flush sample; Right sink in Rm C169	4/13/17 5:06 AM	None Detected
2054-041317-CS-004-A	Initial Draw sample; Back sink in Rm C169	4/13/17 5:07 AM	2.50
2054-041317-CS-004-B	Flush sample; Back sink in Rm C169	4/13/17 5:08 AM	None Detected

Notes:

ppb-parts per billion

Bold-Exceeds 15 ppb--EPA's

Action Level for Lead

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

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

** Source unit was inoperable or not sampled on the initial test date (2/3/17). The above summarizes the results of the initial testing of this unit