



November 6, 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  
International Community Charter @ Medlock Facility (Facility ID #1062)  
2418 Wood Trail Lane, Decatur, Georgia 30033  
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 International Community Charter @ Medlock Facility (Facility ID #1062). Additional drinking water samples from select source units were collected on March 1, 2017, and October 24, 2017, and analytical results were received from Analytical Environmental Services, Inc., on March 15, 2017, and November 3, 2017.

## **FINDINGS**

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

During the initial sampling event on September 21, 2016, three source units were inoperable and could not be sampled. DCSD made repairs to the inoperable source units, and AEM collected six drinking water samples on March 1, 2017.

None of the samples from these source units 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). A description of the drinking water outlet sampled and a summary of sample analytical results are provided in Table 1.

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

During the initial sampling event on September 21, 2016, two source units (DF-001 and RS-001) 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 four drinking water samples on March 1, 2017. One or more of the samples collected from DF-001 and RS-001 had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 ppb. These source units remained out of service so that additional remediation measures could be evaluated.

A filter was added to DF-001 and the faucet was replaced on the sink associated with RS-001. Retesting was conducted on October 24, 2017. None of the samples collected contained lead at a concentration exceeding EPA's action level of 15 ppb. A description of the drinking water outlet sampled and a summary of sample analytical results are provided in Table 2.

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


During the initial sampling event on September 21, 2016, the analytical result for the service connection was inconclusive. A resampling of the service connection was conducted on March 1, 2017, where AEM collected one sample. A description of the source unit sampled and a summary of sample analytical results are provided in Table 2.

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

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

Sincerely,

**Atlanta Environmental Management, Inc.**

  
Leona Miles, CHMM  
Senior Project Manager

  
Janet T. Hart  
President

/krf

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

Attachment: Table

**Table 1. Summary of Additional Lead in Drinking Water Laboratory Analytical Results  
International Community Charter @ Medlock Facility  
2418 Wood Trail Lane, Decatur, GA 30033**



Sample ID*/**	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1062-030117-DF-005-A	Initial Draw sample; Left Drinking Fountain near Rm 16	3/1/17 5:05 AM	None Detected
1062-030117-DF-005-B	Flush sample; Left Drinking Fountain near Rm 16	3/1/17 5:06 AM	None Detected
1062-030117-DF-006-A	Initial Draw sample; Right Drinking Fountain near Rm 16	3/1/17 5:07 AM	None Detected
1062-030117-DF-006-B	Flush sample; Right Drinking Fountain near Rm 16	3/1/17 5:08 AM	None Detected
1062-030117-DF-015-A	Initial Draw sample; Single Elkay Drinking Fountain between Rm 2 and 4	3/1/17 4:59 AM	None Detected
1062-030117-DF-015-B	Flush sample; Single Elkay Drinking Fountain between Rm 2 and 4	3/1/17 5:00 AM	None Detected

**Notes:**

ppb-parts per billion

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

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

\*\*The Source Units were inoperable during the initial testing on 9/21/16. The above summarizes the initial test results post-repair.

**Table 2. Summary of Lead in Drinking Water Laboratory Analytical Retest Results  
International Community Charter @ Medlock Facility  
2418 Wood Trail Lane, Decatur, GA 30033**



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1062-102417-DF-001-A**	Initial Draw sample; Retest Sink in Art Rm; Filter Added	10/24/17 5:50 AM	None Detected
1062-102417-DF-001-B**	Flush sample; Retest Sink in Art Rm; Filter Added	10/24/17 5:51 AM	None Detected
1062-102417-RS-001-A**	Intitial Draw sample; Retest left sink in the corner of the Boy's RR across the hall from Rm 10	10/24/17 5:42 AM	3.50
1062-102417-RS-001-B**	Flush sample; Retest left sink in the corner of the Boy's RR across the hall from Rm 10	10/24/17 5:43 AM	None Detected
1062-030117-SC-001-A***	Service Connection Entry into Building	3/1/17 4:49 AM	1.26

**Notes:**

ppb-parts per billion

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

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

\*\*The source unit was initially sampled on 9/21/16 and the initial results indicated that a concentration exceeded the EPA standard of 15 ppb. The source unit was replaced and/or a filter was installed by DCSD and retesting was conducted. The above summarizes the retest results.

\*\*\*The source unit was initially sampled on 9/21/16 and the initial result was inconclusive. The above summarizes the retest results.