



October 5, 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  
Wadsworth Magnet @ Knollwood Elementary School (Facility ID #2060)  
3039 Santa Monica 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 Wadsworth Magnet @ Knollwood Elementary School (Facility ID #2060). Additional drinking water samples from select source units were collected on March 3, 2017, May 17, 2017, and September 8, 2017, and analytical results were received from Analytical Environmental Services, Inc., on March 7, 2017, May 19, 2017, and September 22, 2017.

## **FINDINGS**

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

During the initial sampling event on September 27, 2016, two source units were inoperable and could not be sampled. Additionally, two bubblers on two source units were inoperable and could not be sampled; however, AEM had previously collected samples from the faucet. DCSD made repairs to the inoperable source units, including the two bubblers, and AEM collected eight drinking water samples on March 3, 2017. A description of the drinking water outlet sampled and a summary of sample analytical results are provided in Table 1.

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

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

During the initial sampling event on September 27, 2016, three source units (KS-002, CS-001, TL-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 six drinking water samples on March 3, 2017. 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 CS-001 contained lead at a concentration exceeding EPA's action level of 15 ppb. One or more samples collected from KS-002 and TL-001

contained lead exceeding EPA's action level of 15 ppb. Source units KS-002 and TL-001 remained out of service so that additional remediation measures could be evaluated.

DCSD installed a filter on the faucet associated with TL-001 and AEM collected two samples on May 17, 2017. Also, DCSD installed a filter on the bubbler of KS-002 and AEM collected two samples on September 8, 2017. None of the samples collected from source units TL-001 and KS-002 contained a lead concentration exceeding EPA's action level of 15 ppb.

Additionally, during retesting on March 3, 2017, AEM collected four samples from two source units (KS-004 and KS-006) where the bubblers were inoperable during the initial sampling on September 27, 2016. Note that, during the initial testing, AEM collected samples from the faucets at these source units.

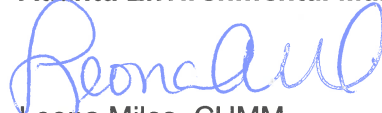
Analytical results from the March 3, 2017, testing indicated that one or more of the samples collected from KS-004 and KS-006 contained a lead concentration exceeding EPA's action level of 15 ppb. Source units KS-004 and KS-006 remained out of service so that additional remediation measures could be evaluated.

Filters were added to the bubblers at KS-004 and KS-006 and AEM collected four samples from these source units on September 8, 2017 (see Table 2). None of the samples collected from source units KS-004 and KS-006 contained a lead concentration exceeding EPA's action level of 15 ppb.

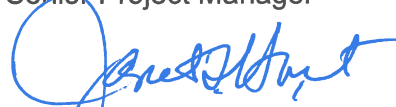
We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

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  
Wadsworth Magnet @ Knollwood Elementary School  
3039 Santa Monica Drive, Decatur, GA 30032**



Sample ID <sup>*/**</sup>	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
2060-030317-DF-011-A	Initial Draw sample; Elkay Drinking Fountain on the left in the gym	3/3/17 5:39 AM	None Detected
2060-030317-DF-011-B	Flush sample; Elkay Drinking Fountain on the left in the gym	3/3/17 5:40 AM	None Detected
2060-030317-DF-014-A	Initial Draw sample; Tall Drinking Fountain near Boys RR and Rm 203	3/3/17 5:34 AM	1.97
2060-030317-DF-014-B	Flush sample; Tall Drinking Fountain near Boy's RR and Rm 203	3/3/17 5:35 AM	4.12
2060-030317-KS-001-A	Initial Draw sample; Sample collected from Bubbler; Rm 408	3/3/17 5:26 AM	2.76
2060-030317-KS-001-B	Flush sample; Sample collected from Bubbler; Rm 408	3/3/17 5:27 AM	None Detected
2060-030317-KS-003-A	Initial Draw sample; Sample collected from Bubbler; Rm 404.	3/3/17 5:18 AM	11.8
2060-030317-KS-003-B	Flush sample; Sample collected from Bubbler; Rm 404.	3/3/17 5:19 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 on the initial test date (9/27/16). 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  
Wadsworth Magnet @ Knollwood Elementary School  
3039 Santa Monica Drive, Decatur, GA 30032**



Sample ID <sup>*/**</sup>	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
2060-090817-KS-002-A	Initial Draw sample; Retest Bubblers in Rm 406	9/8/17 5:43 AM	6.57
2060-090817-KS-002-B	Flush sample; Retest Bubblers in Rm 406	9/8/17 5:44 AM	None Detected
2060-090817-KS-004-A	Initial Draw sample; Sample collected from Bubblers; Rm 402	9/8/17 5:31 AM	5.50
2060-090817-KS-004-B	Flush sample; Sample collected from Bubblers; Rm 402	9/8/17 5:32 AM	2.18
2060-090817-KS-006-A	Initial Draw sample; Sample collected from Bubblers Rm 405	9/8/17 5:38 AM	2.73
2060-090817-KS-006-B	Flush sample; Sample collected from Bubblers Rm 405	9/8/17 5:39 AM	5.21
2060-030317-CS-001-A	Initial Draw sample; Retest Food Prep Sink in kitchen	3/3/17 5:08 AM	None Detected
2060-030317-CS-001-B	Flush sample; Retest Food Prep Sink in kitchen	3/3/17 5:09 AM	None Detected
2060-051717-TL-001-A	Initial Draw sample; Retest Kitchen Sink in Teacher's Lounge/adjacent to Rm 301	5/17/17 5:03 AM	2.23
2060-051717-TL-001-B	Flush sample; Retest Kitchen Sink in Teacher's Lounge/adjacent to Rm 301	5/17/17 5:04 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 initially sampled on 9/27/16 or 3/3/17 and the initial result indicated that the concentration exceeded the EPA standard of 15 ppb. The source unit was replaced and/or a filter was added by DCSD and retesting was conducted . The above summarizes the retesting results