



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
Rock Chapel Elementary School (Facility ID #3065)
1130 Rock Chapel Road, Lithonia, Georgia 30058
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 Rock Chapel Elementary School (Facility ID #3065). Additional drinking water samples from select source units were collected on February 24, 2017, September 20, 2017, and October 24, 2017, and analytical results were received from Analytical Environmental Services, Inc., on March 10, 2017, September 28, 2017, and November 3, 2017.

FINDINGS

Initial Sample Results of Previously Identified Inoperable Source Units

During the initial sampling event on October 10, 2016, two source units were inoperable and could not be sampled. DCSD made repairs to the inoperable source units, and AEM collected two drinking water samples on February 24, 2017, from KS-008. An attempt was made to collect a sample from KS-010; however, this unit was still inoperable.

One or more samples collected from the bubbler of KS-008 had a concentration of lead at or above EPA's action level of 15 parts per billion (ppb). The bubbler of KS-008 remained out of service so that additional remedial measures could be evaluated.

A filter was added to the bubbler associated with KS-008 and the bubbler for KS-010 was repaired. AEM collected six samples on September 20, 2017, four from the bubblers of KS-008 and KS-010 and two from the faucet associated with KS-010.

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 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 October 10, 2016, one source unit (faucet of KS-008) was sampled and the analytical results indicated that the results were above EPA's action level of 15 ppb. DCSD replaced the faucet of KS-008 and AEM collected two drinking water samples 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

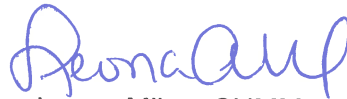
During the initial sampling event on October 10, 2016, the analytical result for the service connection was inconclusive. A resampling of the service connection was conducted on February 24, 2017, where AEM collected one sample. A description of the source unit sampled and a summary of sample analytical results are provided in Table 2.

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

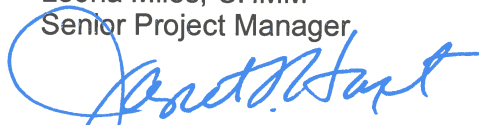
We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

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--Revised

Rock Chapel Elementary School

1130 Rock Chapel Road, Lithonia, GA 30058



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
3065-092017-KS-008-A2	Initial Draw Sample; Retest Sink with Bubblers in Rm 1A; sample collected from bubbler; filter added to bubbler	9/20/17 4:47 AM	None Detected
3065-092017-KS-008-B2	Flush Sample; Retest Sink with Bubblers in Rm 1A; sample collected from bubbler; filter added to bubbler	9/20/17 4:48 AM	None Detected
3065-092017-KS-010-A1	Initial Draw Sample; Sink in Rm 3; collected sample from the faucet	9/20/17 5:01 AM	None Detected
3065-092017-KS-010-B1	Flush Sample; Sink in Rm 3; collected sample from the faucet	9/20/17 5:02 AM	None Detected
3065-092017-KS-010-A2	Initial Draw Sample; Sink in Rm 3; collected sample from the bubbler	9/20/17 5:03 AM	4.64
3065-092017-KS-010-B2	Flush Sample; Sink in Rm 3; collected sample from the bubbler	9/20/17 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

**The Source Units were inoperable during the initial testing on 10/6/16. The above summarizes the initial test results post-repair.

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

Rock Chapel Elementary School

1130 Rock Chapel Road, Lithonia, GA 30058



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
3065-102417-KS-008-A**	Initial Draw Sample; Sink with Bubbler in Rm 1A; Faucet replaced; sample collected from faucet	10/24/17 5:09 AM	1.72
3065-102417-KS-008-B**	Flush Sample; Sink with Bubbler in Rm 1A; Faucet replaced; sample collected from faucet	10/24/17 5:10 AM	None Detected
3065-022417-SC-001-A***	Retest Service Connection Entry into Building	2/24/17 4:50 AM	13.80

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 10/6/16 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 10/6/16 and the initial result was inconclusive. The above summarizes the retest results.