



November 15, 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
Panola Way Elementary School (Facility ID #0188)
2170 Panola Way Court, Lithonia, GA 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 Panola Way Elementary School (Facility ID #0188). Additional drinking water samples from select source units were collected on September 27, 2017 and November 2, 2017, and analytical results were received from Analytical Environmental Services, Inc., on October 2, 2017, and November 13, 2017.

FINDINGS

Initial Sample Results of Previously Identified Inoperable Source Units

During the initial sampling event on November 30, 2016, two source units were inoperable and could not be sampled. DCSD made repairs to the inoperable source unit, and AEM collected two drinking water samples on September 27, 2017.

None of the samples 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. 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 November 30, 2016, five source units were sampled and the analytical results indicated that the results were above EPA's action level of 15 ppb. DCSD made repairs and AEM collected ten drinking water samples on September 27, 2017.

None of the samples collected from source units DF-007, DF-008, and KS-010 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.

One or more samples collected from KS-005 and KS-011 contained lead at a concentration above EPA's action level of 15 ppb. Source units KS-005 and KS-011 remained out of service to evaluate additional remediation alternatives.

DCSD installed filters on the bubbler units of KS-005 and KS-011 and AEM collected four samples on November 2, 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 ppb

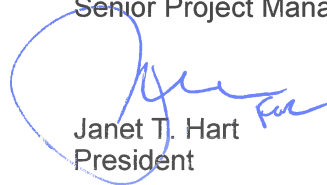
We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

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

Panola Way Elementary School

2170 Panola Way Court, Lithonia, GA 30058



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0188-092717-DF-004-A	Initial Draw Sample; Upper Right Elkay Drinking Fountain in Gym; Wall-mounted	9/27/17 5:22 AM	None Detected
0188-092717-DF-004-B	Flush Sample; Upper Right Elkay Drinking Fountain in Gym; Wall-mounted	9/27/17 5:23 AM	None Detected
0188-092717-DF-020-A	Initial Draw Sample; Upper Right Elkay Drinking Fountain in Hallway next to Rm 133; Wall-mounted	9/27/17 5:28 AM	None Detected
0188-092717-DF-020-B	Flush Sample; Upper Right Elkay Drinking Fountain in Hallway next to Rm 133; Wall-mounted	9/27/17 5:29 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 11/30/16. The above summarizes the initial test results post-repair.

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

Panola Way Elementary School
 2170 Panola Way Court, Lithonia, GA 30058



Sample ID*/**	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0188-092717-DF-007-A	Initial Draw Sample; Retest Lower Left Elkay Drinking Fountain in Hallway across from Rm 113; Wall-mounted	9/27/17 5:15 AM	1.72
0188-092717-DF-007-B	Flush Sample; Retest Lower Left Elkay Drinking Fountain in Hallway across from Rm 113; Wall-mounted	9/27/17 5:16 AM	2.44
0188-092717-DF-008-A	Initial Draw Sample; Retest Upper Right Elkay Drinking Fountain in Hallway across from Rm 113; Wall-mounted	9/27/17 5:17 AM	3.17
0188-092717-DF-008-B	Flush Sample; Retest Upper Right Elkay Drinking Fountain in Hallway across from Rm 113; Wall-mounted	9/27/17 5:18 AM	1.54
0188-110217-KS-005-A	Initial Draw Sample; Retest Sink with Bubbler in Rm 111; Sampled Bubbler; filter added	11/2/17 4:59 AM	2.37
0188-110217-KS-005-B	Flush Sample; Retest Sink with Bubbler in Rm 111; Sampled Bubbler; filter added	11/2/17 5:00 AM	None Detected
0188-092717-KS-010-A	Initial Draw Sample; Retest Sink with Bubbler in Rm 107; Sampled Bubbler	9/27/17 4:58 AM	10.7
0188-192717-KS-010-B	Flush Sample; Retest Sink with Bubbler in Rm 107; Sampled Bubbler	9/27/17 4:59 AM	4.07
0188-110217-KS-011-A	Initial Draw Sample; Retest Sink with Bubbler in Rm 105; Sampled Bubbler; filter added	11/2/17 4:50 AM	4.21
0188-110217-KS-011-B	Flush Sample; Retest Sink with Bubbler in Rm 105; Sampled Bubbler; filter added	11/2/17 4:51 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 unit was initially sampled on 11/30/16 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 DCS and retesting was conducted. The above summarizes the retest results.