



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
Stone Mountain Elementary School (Facility ID #2068)
6720 James B. Rivers Drive, Stone Mountain, Georgia 30083
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 Stone Mountain Elementary School (Facility ID #2068). Additional drinking water samples from select source units were collected on September 7, 2017, and analytical results were received from Analytical Environmental Services, Inc., on September 21, 2017.

FINDINGS

Initial Sample Results of Previously Identified Inoperable Source Units

During the initial sampling event on September 23, 2016, two source unit bubblers were inoperable and could not be sampled, although AEM collected samples from the faucet. DCSD made repairs to the inoperable source units and AEM collected four drinking water samples on September 7, 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 23, 2016, five source units 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 ten drinking water samples on March 1, 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 source units RS-001 and KS-002 had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 ppb. One or more samples collected from source units RS-005, KS-004, and KS-005 had a concentration of lead that exceeded EPA's action level of 15 ppb. Source units RS-005,

KS-004, and KS-005 remained out of service so that additional remediation measures could be evaluated.

DCSD added filters to source units RS-005, KS-004, and KS-005 and AEM collected six drinking water samples on September 7, 2017. None of the samples collected from the source units had a concentration of lead above EPA's action level of 15 ppb.

Sample Results of Previously Identified Source Units That Were Inconclusive

During the initial sampling event on September 23, 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 the EPA's action level of 15 ppb.

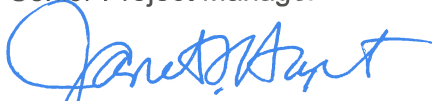
We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

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

Stone Mountain Elementary School

6720 James B. Rivers Dr., Stone Mountain, GA 30083



| Sample ID ^{*/**} | Sample Location Description | Sample Date & Time | Lead Test Results (ppb) |
|---------------------------|---|--------------------|-------------------------|
| 2068-030117-KS-001-A | Initial Draw sample; Sample collected from Bubbler. Kindergarten Rm 1 | 3/1/17 5:08 AM | 11.9 |
| 2068-030117-KS-001-B | Flush sample; Sample collected from Bubbler. Kindergarten Rm 1 | 3/1/17 5:09 AM | 2.77 |
| 2068-030117-KS-006-A | Initial Draw sample; Bubbler in Kindergarten Rm 6 | 3/1/17 5:23 AM | 11.2 |
| 2068-030117-KS-006-B | Flush sample; Bubbler in Kindergarten Rm 6 | 3/1/17 5:24 AM | 3.38 |

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 (9/23/16). 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

Stone Mountain Elementary School

6720 James B. Rivers Dr., Stone Mountain, GA 30083



| Sample ID* | Sample Location Description | Sample Date & Time | Lead Test Results (ppb) |
|-------------------------|---|--------------------|-------------------------|
| 2068-030117-RS-001-A** | Initial Draw sample; Sink in Boy's RR farthest from the door to the cafeteria; Retest | 3/1/17 4:51 AM | 6.19 |
| 2068-030117-RS-001-B** | Flush sample; Sink in the Boy's RR farthest from the door to the cafeteria; Retest | 3/1/17 4:52 AM | 3.51 |
| 2068-090717-RS-005-A** | Initial Draw sample; Sink/ bubbler in Rm 29; Retest; Filter added | 9/7/17 5:21 AM | 12.2 |
| 2068-090717-RS-005-B** | Flush sample; Sink/bubbler in Rm 29; Retest; Filter added | 9/7/17 5:22 AM | 1.54 |
| 2068-030117-KS-002-A** | Initial Draw sample; Retest Kindergarten Sink Bubbler. Rm 2 | 3/1/17 5:11 AM | 14.1 |
| 2068-030117-KS-002-B** | Flush sample; Retest Kindergarten Sink Bubbler. Rm 2 | 3/1/17 5:12 AM | 5.73 |
| 2068-090717-KS-004-A** | Initial Draw sample; Retest Kindergarten Sink Bubbler Rm 4; Filter added | 9/7/17 5:09 AM | 1.04 |
| 2068-090717-KS-004-B** | Flush sample; Retest Kindergarten Sink Bubbler Rm 4; Filter added | 9/7/17 5:10 AM | None Detected |
| 2068-090717-KS-005-A** | Initial Draw sample; Retest Bubbler in Kindergarten Rm 5; Filter added | 9/7/17 5:13 AM | None Detected |
| 2068-090717-KS-005-B** | Flush sample; Retest Bubbler in Kindergarten Rm 5; Filter added | 9/7/17 5:14 AM | None Detected |
| 2068-030117-SC-001-A*** | Service Connection line Entry into Building | 3/1/17 4:45 AM | 1.37 |

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 9/23/16 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

*** Source unit was initially sampled on 09/23/16 and the initial result was inconclusive. The above summarizes the retesting results.