



December 5, 2016

**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: Lead in Drinking Water Sample Results  
Stone Mill Elementary School (Facility ID #0575)  
4900 Sheila Lane, Stone Mountain, GA 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 Mill Elementary School (Facility ID #0575). Samples were collected on November 17, 2016, and analytical results were received from Analytical Environmental Services, Inc., on December 2, 2016.

## **FINDINGS**

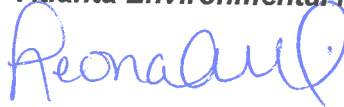
AEM collected 55 drinking water samples from 27 sources at Stone Mill Elementary School (Facility ID #0575), including two duplicate samples. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in the attached table.

Four of the sources sampled had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 parts per billion. These sources are indicated in bold and shaded font in the attached table.

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 Lead in Drinking Water Laboratory Analytical Results**

**Stone Mill Elementary School**  
 4900 Sheila Lane, Stone Mountain, GA 30083



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0575-111716-DF-001-A	Initial Draw sample; Right Drinking Fountain facing wall in hallway across from Rm 106	11/17/16 5:16 AM	None Detected
0575-111716-DF-001-B	Flush sample; Right Drinking Fountain facing wall in hallway across from Rm 106	11/17/16 5:17 AM	None Detected
0575-111716-DF-003-A	Initial Draw sample; Left Drinking Fountain facing wall in hallway across from Rm 106	11/17/16 5:23 AM	None Detected
0575-111716-DF-003-B	Flush sample; Left Drinking Fountain facing wall in hallway across from Rm 106	11/17/16 5:24 AM	None Detected
0575-111716-DF-004-A	Initial Draw sample; Lower Left Drinking Fountain facing wall in hallway between Boys and Girls RR	11/17/16 5:32 AM	None Detected
0575-111716-DF-004-B	Flush sample; Lower Left Drinking Fountain facing wall in hallway between Boys and Girls RR	11/17/16 5:33 AM	None Detected
0575-111716-DF-005-A	Initial Draw sample; Upper Right Drinking Fountain facing wall in hallway in between Boys and Girls RR	11/17/16 5:37 AM	None Detected
0575-111716-DF-005-B	Flush sample; Upper Right Drinking Fountain facing wall in hallway in between Boys and Girls RR	11/17/16 5:38 AM	None Detected
0575-111716-DF-006-A	Initial Draw sample; Lower Left Drinking Fountain facing wall in Gym	11/17/16 5:53 AM	None Detected
0575-111716-DF-006-B	Flush sample; Lower Left Drinking Fountain facing wall in Gym	11/17/16 5:54 AM	None Detected
0575-111716-DF-007-A	Initial Draw sample; Upper Right Drinking Fountain facing wall in Gym	11/17/16 5:57 AM	None Detected
0575-111716-DF-007-B	Flush sample; Upper Right Drinking Fountain facing wall in Gym	11/17/16 5:58 AM	None Detected
0575-111716-DF-010-A	Initial Draw sample; Lower Left wall mounted Elkay Drinking Fountain in hallway outside Girls RR (Rm 7.3)	11/17/16 5:45 AM	None Detected
0575-111716-DF-010-B	Flush sample; Lower Left wall mounted Elkay Drinking Fountain in hallway outside Girls RR (Rm 7.3)	11/17/16 5:46 AM	None Detected
0575-111716-DF-011-A	Initial Draw sample; Upper Right wall mounted Elkay Drinking Fountain in hallway outside Girls RR (Rm 7.3)	11/17/16 5:47 AM	None Detected
0575-111716-DF-011-B	Flush sample; Upper Right wall mounted Elkay Drinking Fountain in hallway outside Girls RR (Rm 7.3)	11/17/16 5:48 AM	None Detected

**Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results**

**Stone Mill Elementary School**  
 4900 Sheila Lane, Stone Mountain, GA 30083



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0575-111716-DF-012-A	Initial Draw sample; Single wall mounted Elkay Drinking Fountain in hallway to right of Teacher Work Room Rm 7.2	11/17/16 5:30 AM	None Detected
0575-111716-DF-012-B	Flush sample; Single wall mounted Elkay Drinking Fountain in hallway to right of Teacher Work Room Rm 7.2	11/17/16 5:31 AM	None Detected
0575-111716-DF-013-A	Initial Draw sample; Single wall mounted Elkay Drinking Fountain in Cafeteria to the right of the stage	11/17/16 5:10 AM	None Detected
0575-111716-DF-013-B	Flush sample; Single wall mounted Elkay Drinking Fountain in Cafeteria to the right of the stage	11/17/16 5:11 AM	1.01
0575-111716-DF-014-A	Initial Draw sample; Single wall mounted Elkay Drinking Fountain in hallway across from Main Office	11/17/16 5:20 AM	None Detected
0575-111716-DF-014-B	Flush sample; Single wall mounted Elkay Drinking Fountain in hallway across from Main Office	11/17/16 5:21 AM	None Detected
0575-111716-KS-001-A	Initial Draw sample; Sink in hallway directly outside Girls RR Rm 7.3	11/17/16 5:40 AM	2.63
0575-111716-KS-001-B	Flush sample; Sink in hallway directly outside Girls RR Rm 7.3	11/17/16 5:42 AM	None Detected
0575-111716-KS-002-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 6; Sampled bubbler	11/17/16 6:00 AM	2.47
0575-111716-KS-002-B	Flush sample; Kindergarten Sink with bubbler in Rm 6; Sampled bubbler	11/17/16 6:01 AM	None Detected
0575-111716-KS-003-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 2; Sampled bubbler	11/17/16 6:05 AM	6.54
0575-111716-KS-003-B	Flush sample; Kindergarten Sink with bubbler in Rm 2; Sampled bubbler	11/17/16 6:06 AM	1.07
0575-111716-KS-004-A	Initial Draw sample; Kindergarten Sink with broken bubbler in Rm 4; Sampled faucet	11/17/16 6:16 AM	<b>18.5</b>
0575-111716-KS-004-B	Flush sample; Kindergarten Sink with broken bubbler in Rm 4; Sampled faucet	11/17/16 6:17 AM	3.37
0575-111716-KS-005-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 3; Sampled bubbler	11/17/16 6:10 AM	7.86
0575-111716-KS-005-B	Flush sample; Kindergarten Sink with bubbler in Rm 3; Sampled bubbler	11/17/16 6:11 AM	None Detected
0575-111716-KS-006-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 5; Sampled bubbler	11/17/16 6:09 AM	<b>319</b>
0575-111716-KS-006-B	Flush sample; Kindergarten Sink with bubbler in Rm 5; Sampled bubbler	11/17/16 6:10 AM	<b>20.1</b>
0575-111716-KS-008-A	Initial Draw sample; Sink located outside Girls RR in hallway	11/17/16 5:00 AM	1.79
0575-111716-KS-008-B	Flush sample; Sink located outside Girls RR in hallway	11/17/16 5:01 AM	None Detected

**Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results**

**Stone Mill Elementary School**

4900 Sheila Lane, Stone Mountain, GA 30083



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0575-111716-KS-009-A	Initial Draw sample; Sink in Mrs. Heaver's room; Used to be Clinic	11/17/16 5:04 AM	4.04
0575-111716-KS-009-B	Flush sample; Sink in Mrs. Heaver's room; Used to be Clinic	11/17/16 5:05 AM	1.59
0575-111716-KS-010-A	Initial Draw sample; Sink in back room of Main Office	11/17/16 5:24 AM	10.1
0575-111716-KS-010-B	Flush sample; Sink in back room of Main Office	11/17/16 5:25 AM	1.27
0575-111716-KS-011-A	Initial Draw sample; Only sink in Art Room Rm 18	11/17/16 5:15 AM	3.68
0575-111716-KS-011-B	Flush sample; Only sink in Art Room Rm 18	11/17/16 5:16 AM	None Detected
0575-111716-RS-001-A	Initial Draw sample; Girls RR/Rm 13; Second sink on left nearest to door	11/17/16 5:42 AM	None Detected
0575-111716-RS-001-B	Flush sample; Girls RR/Rm 13; Second sink on left nearest to door	11/17/16 5:43 AM	None Detected
0575-111716-TL-001-A	Initial Draw sample; Kitchen style sink and only sink in Teachers Lounge	11/17/16 5:11 AM	None Detected
0575-111716-TL-001-B	Flush sample; Kitchen style sink and only sink in Teachers Lounge	11/17/16 5:12 AM	None Detected
0575-111716-TL-002-A	Initial Draw sample; Single sink in Teacher Work Room Rm 7.2	11/17/16 5:35 AM	<b>132</b>
0575-111716-TL-002-B	Flush sample; Single sink in Teacher Work Room Rm 7.2	11/17/16 5:36 AM	<b>40.4</b>
0575-111716-TL-003-A	Initial Draw sample; Single sink in Teacher Work Room Rm 7.1; Red cabinets above and below sink	11/17/16 5:54 AM	<b>49.9</b>
0575-111716-TL-003-B	Flush sample; Single sink in Teacher Work Room Rm 7.1; Red cabinets above and below sink	11/17/16 5:55 AM	3.31
0575-111716-CS-001-A	Initial Draw sample; Only Food Prep sink in Kitchen; To left of Ice Machine; No cold water	11/17/16 5:05 AM	None Detected
0575-111716-CS-001-B	Flush sample; Only Food Prep sink in Kitchen; To left of Ice Machine; No cold water	11/17/16 5:06 AM	None Detected
0575-111716-IM-001-A	Manitowoc Ice Machine in Kitchen to right of Food Prep sink	11/17/16 5:07 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



November 28, 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 Mill Elementary School (Facility ID #0575)  
4900 Sheila Lane, 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 Mill Elementary School (Facility ID #0575). Additional drinking water samples from select source units were collected on September 22, 2017, and November 7, 2017, and analytical results were received from Analytical Environmental Services, Inc., on October 5, 2017, and November 15, 2017.

## **FINDINGS**

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

During the initial sampling event on November 17, 2016, three source units (DF-002, DF-008, and DF-009) were inoperable and could not be sampled. DCSD made repairs to the inoperable source units and AEM collected six drinking water samples on September 22, 2017. Additionally, during the initial sampling, the service connection could not be accessed. On November 7, 2017, AEM collected one sample from the service connection entry point into the building.

A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 1. None of the samples collected had 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 November 17, 2016, four source units (KS-004, KS-006, TL-002, and TL-003) 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 eight drinking water samples on September 22, 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 unit KS-004 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 KS-006, TL-002, and TL-003 contained lead at a concentration at or above EPA's action level of 15 ppb.


DCSD added filters to the source units and AEM collected six drinking water samples on November 7, 2017. AEM also collected two drinking water samples from the faucet associated with KS-006.

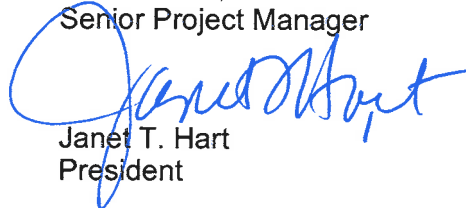
None of the samples collected from source units TL-002 and TL-003 had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 ppb. One or more of the samples collected from the bubbler and faucet of KS-006 contained lead at a concentration at or above EPA's action level of 15 ppb. DCSD made the decision to remove the entire KS-006 sink unit from service and then capped the lines. Thus, no further testing of KS-006 will be conducted.

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)

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# TABLES



**Table 1. Summary of Additional Lead in Drinking Water Laboratory Analytical Results**

**Stone Mill Elementary School**  
 4900 Sheila Lane, Stone Mountain, GA 30083



Sample ID*/**	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0575-092217-DF-002-A	Initial Draw Sample; Middle Elkay Drinking Fountain in the hallway across from Rm 106	9/22/17 5:15 AM	None Detected
0575-092217-DF-002-B	Flush Sample; Middle Elkay Drinking Fountain in the hallway across from Rm 106	9/22/17 5:16 AM	None Detected
0575-092217-DF-008-A	Initial Draw Sample; Upper Right Elkay Drinking Fountain in hallway near Girl's RR/Rm 16.2 and across from Rm 12	9/22/17 5:20 AM	None Detected
0575-092217-DF-008-B	Flush Sample; Upper Right Elkay Drinking Fountain in hallway near Girl's RR/Rm 16.2 and across from Rm 12	9/22/17 5:21 AM	None Detected
0575-092217-DF-009-A	Initial Draw Sample; Lower Left Elkay Drinking Fountain in hallway near Girl's RR/Rm 16.2 and across from Rm 12	09/22/17 05:22	None Detected
0575-092217-DF-009-B	Flush Sample; Lower Left Elkay Drinking Fountain in hallway near Girl's RR/Rm 16.2 and across from Rm 12	09/22/17 05:23	None Detected
0575-110717-SC-001-A	Service Connection Entry into Building	11/7/17 5:45 AM	None Detected

**Notes:**

ppb-parts per billion

**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 (11/17/16). 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 Mill Elementary School**  
 4900 Sheila Lane, Stone Mountain, GA 30083



Sample ID*/**	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0575-092217-KS-004-A	Initial Draw sample; Retest Faucet of Kindergarten Sink in Rm 4	9/22/17 5:44 AM	7.88
0575-092217-KS-004-B	Flush sample; Retest Faucet of Kindergarten Sink in Rm 4	9/22/17 5:45 AM	1.65
0575-110717-TL-002-A	Initial Draw sample; Retest Single sink in Teacher Work Room Rm 7.2; filter added	11/7/17 5:49 AM	1.04
0575-110717-TL-002-B	Flush sample; Retest Single sink in Teacher Work Room Rm 7.2; filter added	11/7/17 5:50 AM	None Detected
0575-110717-TL-003-A	Initial Draw sample; Retest Single sink in Teacher Work Room Rm 7.1; Red cabinets above and below sink; filter added	11/7/17 5:52 AM	None Detected
0575-110717-TL-003-B	Flush sample; Retest Single sink in Teacher Work Room Rm 7.1; Red cabinets above and below sink; filter added	11/7/17 5:53 AM	None Detected

**Notes:**

ppb-parts per billion

**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 11/17/16 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.