



November 1, 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
Robert Shaw Theme Elementary School (Facility ID #0399)
385 Glendale Road, Scottdale, Georgia 30079
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 Robert Shaw Theme Elementary School (Facility ID #0399). Additional drinking water samples from select source units were collected on March 3, 2017, April 27, 2017, and October 18, 2017, and analytical results were received from Analytical Environmental Services, Inc., on March 17, 2017, May 1, 2017, and October 30, 2017.

FINDINGS

Sample Results of Previously Identified Source Units That Exceeded 15 ppb

During the initial sampling event on September 27, 2016, one source unit (KS-004) was sampled and the analytical results indicated that the results were above EPA's action level of 15 parts per billion (ppb). DCSD replaced the source unit and AEM collected two drinking water samples on March 3, 2017. One or more samples collected from KS-004 contained lead exceeding EPA's action level of 15 ppb. Source unit KS-004 remained out of service so that additional remediation measures could be evaluated.

DCSD installed a filter on the bubbler associated with KS-004 and AEM collected two samples on April 27, 2017. One or more samples collected from KS-004 contained lead exceeding EPA's action level of 15 ppb. Source unit KS-004 remained out of service so that additional remediation measures could be evaluated.

DCSD installed a second filter on the bubbler associated with KS-004 and AEM collected two samples on October 18, 2017. None of the samples collected contained lead exceeding EPA's action level of 15 ppb. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in Table 1.

Sample Results of Previously Identified Source Units That Were Inconclusive

During the initial sampling event on September 27, 2016, the analytical result for the service connection was inconclusive. A resampling of the service connection was conducted on March 3, 2017, where AEM collected one sample. A description of the source unit sampled and a summary of sample analytical results are provided in Table 1.

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

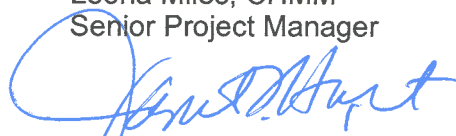
We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

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 Lead in Drinking Water Laboratory Analytical Retest Results

Robert Shaw Theme Elementary School

385 Glendale Road, Scottdale, GA 30079



Sample ID*/**	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0399-101817-KS-004-A	Initial Draw sample; Retest Sink with bubbler in Rm D403; 2nd filter added	10/18/17 5:21 AM	1.20
0399-101817-KS-004-B	Flush sample; Retest Sink with bubbler in Rm D403; 2nd filter added	10/18/17 5:22 AM	None Detected
0399-030317-SC-001-A	Service Connection Entry into Building	3/3/17 4:36 AM	3.54

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 initially sampled on 9/27/16 and the initial results indicated that the concentration exceeded the EPA standard of 15 ppb. The source units were replaced and/or a filter was installed by DCSD and retesting was conducted. The above summarizes the retest results.



October 13, 2016

Via E-Mail: Joshua_I_williams@dekalbschoolsga.org

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Chief Operations Officer
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Operations Division
Sam Moss Service Center
1780 Montreal Road
Tucker, Georgia 30084

**Re: Lead in Drinking Water Sample Results
Robert Shaw Theme Elementary School (Facility ID #0399)
385 Glendale Road, Scottdale, Georgia 30079
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 Robert Shaw Theme Elementary School (Facility ID #0399). Samples were collected on September 27, 2016, and analytical results were received from Analytical Environmental Services, Inc., on October 12, 2016.

FINDINGS

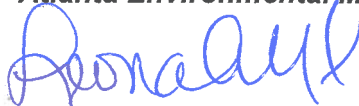
AEM collected 60 drinking water samples from 30 sources at Robert Shaw Theme Elementary School (Facility ID #0399), including two duplicate samples. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in the attached table.

One 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. This source is 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
Robert Shaw Theme Elementary School
385 Glendale Road Scottdale, GA, 30079**



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0399-092716-DF-001-A	Initial Draw sample; Elkay Drinking Fountain in cafeteria/B202 near kitchen door, wall mounted	9/27/16 5:00 AM	None Detected
0399-092716-DF-001-B	Flush sample; Elkay Drinking Fountain in cafeteria/B202 near kitchen door, wall mounted	9/27/16 5:01 AM	None Detected
0399-092716-DF-002-A	Initial Draw sample; Lower left Elkay Drinking Fountain, in hallway next to Rm A114	9/27/16 5:34 AM	None Detected
0399-092716-DF-002-B	Flush sample; Lower left Elkay Drinking Fountain, in hallway next to Rm A114	9/27/16 5:35 AM	None Detected
0399-092716-DF-003-A	Initial Draw sample; Upper right Elkay Drinking Fountain in hallway next to Rm A114	9/27/16 5:39 AM	None Detected
0399-092716-DF-003-B	Flush sample; Upper right Elkay Drinking Fountain in hallway next to Rm A114	9/27/16 5:40 AM	None Detected
0399-092716-DF-004-A	Initial Draw sample; Sink with bubbler in Rm A115/ Principal's office	9/27/16 5:45 AM	None Detected
0399-092716-DF-004-B	Flush sample; Sink with bubbler in Rm A115/ Principal's office	9/27/16 5:46 AM	None Detected
0399-092716-DF-005-A	Initial Draw sample; Sink with bubbler in Rm A117	9/27/16 5:50 AM	None Detected
0399-092716-DF-005-B	Flush sample; Sink with bubbler in Rm A117	9/27/16 5:51 AM	None Detected
0399-092716-DF-006-A	Initial Draw sample; Sink with bubbler in Rm A121 across from A116	9/27/16 5:00 AM	None Detected
0399-092716-DF-006-B	Flush sample; Sink with bubbler in Rm A121 across from A116	9/27/16 5:01 AM	None Detected
0399-092716-DF-007-A	Initial Draw sample; Sink with bubbler in Rm A123 across from A118	9/27/16 5:05 AM	None Detected
0399-092716-DF-007-B	Flush sample; Sink with bubbler in Rm A123 across from A118	9/27/16 5:06 AM	None Detected
0399-092716-DF-008-A	Initial Draw sample; Sink with bubbler in Rm A125 across from A124	9/27/16 5:09 AM	None Detected
0399-092716-DF-008-B	Flush sample; Sink with bubbler in Rm A125 across from A124	9/27/16 5:10 AM	None Detected
0399-092716-DF-009-A	Initial Draw sample; Sink with bubbler in Rm 401 to right of 402	9/27/16 5:33 AM	None Detected
0399-092716-DF-009-B	Flush sample; Sink with bubbler in Rm 401 to right of 402	9/27/16 5:34 AM	None Detected
0399-092716-DF-010-A	Initial Draw sample; Sink with bubbler in Rm A122 across from A125	9/27/16 5:14 AM	1.21
0399-092716-DF-010-B	Flush sample; Sink with bubbler in Rm A122 across from A125	9/27/16 5:15 AM	None Detected
0399-092716-DF-011-A	Initial Draw sample; Sink with bubbler in Rm A124 across from A125	9/27/16 5:20 AM	9.33
0399-092716-DF-011-B	Flush sample; Sink with bubbler in Rm A124 across from A125	9/27/16 5:21 AM	None Detected
0399-092716-DF-012-A	Initial Draw sample; Sink with bubbler in Rm 307	9/27/16 5:41 AM	None Detected
0399-092716-DF-012-B	Flush sample; Sink with bubbler in Rm 307	9/27/16 5:42 AM	None Detected
0399-092716-DF-013-A	Initial Draw sample; Upper Left Elkay Drinking Fountain in the hallway across from Rm 316	9/27/16 5:46 AM	None Detected
0399-092716-DF-013-B	Flush sample; Upper Left Elkay Drinking Fountain in the hallway across from Rm 316	9/27/16 5:47 AM	None Detected
0399-092716-DF-014-A	Initial Draw sample; Lower Right Drinking Fountain in the hallway across from Rm 316	9/27/16 5:49 AM	None Detected

Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results
Robert Shaw Theme Elementary School
385 Glendale Road Scottdale, GA, 30079



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0399-092716-DF-014-B	Flush sample; Lower Right Drinking Fountain in the hallway across from Rm 316	9/27/16 5:50 AM	None Detected
0399-092716-DF-015-A	Initial Draw sample; Upper Left Drinking Fountain in the gym	9/27/16 5:08 AM	None Detected
0399-092716-DF-015-B	Flush sample; Upper Left Drinking Fountain in the gym	9/27/16 5:09 AM	None Detected
0399-092716-DF-016-A	Initial Draw sample; Lower Right Drinking Fountain in the gym	9/27/16 5:11 AM	None Detected
0399-092716-DF-016-B	Flush sample; Lower Right Drinking Fountain in the gym	9/27/16 5:12 AM	None Detected
0399-092716-DF-017-A	Initial Draw sample; Wall Mounted Elkay Drinking Fountain in the hallway near Rm B207	9/27/16 5:25 AM	None Detected
0399-092716-DF-017-B	Flush sample; Wall Mounted Elkay Drinking Fountain in the hallway near Rm B207	9/27/16 5:26 AM	None Detected
0399-092716-KS-001-A	Initial Draw sample; Sink with bubbler in Rm 414	9/27/16 5:37 AM	1.53
0399-092716-KS-001-B	Flush sample; Sink with bubbler in Rm 414	9/27/16 5:38 AM	None Detected
0399-092716-KS-002-A	Initial Draw sample; Sink with bubbler in Rm 412	9/27/16 5:34 AM	None Detected
0399-092716-KS-002-B	Flush sample; Sink with bubbler in Rm 412	9/27/16 5:35 AM	None Detected
0399-092716-KS-003-A	Initial Draw sample; Sink with bubbler in Rm 405	9/27/16 5:54 AM	None Detected
0399-092716-KS-003-B	Flush sample; Sink with bubbler in Rm 405	9/27/16 5:55 AM	None Detected
0399-092716-KS-004-A	Initial Draw sample; Sink with bubbler in Rm D401 to right of Rm D402	9/27/16 5:26 AM	1,710
0399-092716-KS-004-B	Flush sample; Sink with bubbler in Rm D401 to right of Rm D402	9/27/16 5:27 AM	29.1
0399-092716-KS-005-A	Initial Draw sample; Sink with bubbler in Rm 409	9/27/16 5:47 AM	None Detected
0399-092716-KS-005-B	Flush sample; Sink with bubbler in Rm 409	9/27/16 5:48 AM	None Detected
0399-092716-KS-006-A	Initial Draw sample; Sink with bubbler in Rm 413	9/27/16 5:31 AM	None Detected
0399-092716-KS-006-B	Flush sample; Sink with bubbler in Rm 413	9/27/16 5:32 AM	None Detected
0399-092716-KS-007-A	Initial Draw sample; Sink with bubbler in Rm 417	9/27/16 5:24 AM	None Detected
0399-092716-KS-007-B	Flush sample; Sink with bubbler in Rm 417	9/27/16 5:25 AM	None Detected
0399-092716-CS-001-A	Initial Draw sample; Sink in kitchen	9/27/16 5:08 AM	None Detected
0399-092716-CS-001-B	Flush sample; Sink in kitchen	9/27/16 5:09 AM	None Detected
0399-092716-IM-001-A	Initial Draw sample; Ice Machine in kitchen	9/27/16 5:12 AM	None Detected
0399-092716-TL-001-A	Initial Draw sample; Elkay Sink in Teacher's Lounge/Rm 223.1	9/27/16 5:19 AM	None Detected
0399-092716-TL-001-B	Flush sample; Elkay Sink in Teacher's Lounge/Rm 223.1	9/27/16 5:20 AM	None Detected
0399-092716-RS-001-A	Initial Draw sample; Upper Left sink in Boy's RR across from Rm A117	9/27/16 5:56 AM	None Detected
0399-092716-RS-001-B	Flush sample; Upper Left Sink in Boy's RR across from Rm A117	9/27/16 5:57 AM	None Detected
0399-092716-RS-002-A	Initial Draw sample; Sink in Girl's RR in the gym	9/27/16 5:15 AM	None Detected

Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results
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 385 Glendale Road Scottdale, GA, 30079



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0399-092716-RS-002-B	Flush sample; Sink in Girl's RR in the gym	9/27/16 5:16 AM	1.16
0399-092716-SC-001-A	Main service connection line at Glendale Rd	9/27/16 6:10 AM	**

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

**Note--Inconclusive Sample Result; Resampling underway