



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
Woodridge Elementary School (Facility ID #0675)
4120 Cedar Ridge Trail, 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 Woodridge Elementary School (Facility ID #0675). Additional drinking water samples from select source units were collected on April 12, 2017, and September 26, 2017, and analytical results were received from Analytical Environmental Services, Inc., on April 26, 2017, and October 9, 2017.

FINDINGS

Sample Results of Previously Identified Source Units That Exceeded 15 ppb

During the initial sampling event on November 29, 2016, four source units were sampled and the analytical results indicated that one or more of the results were above EPA's action level of 15 parts per billion (ppb). Three of the source units were replaced by DCSD and AEM collected six samples on April 12, 2017. The fourth source unit (DF-006) was removed by DCSD and the water lines were capped. According to DCSD, the source unit will not be replaced. Thus, retesting of this unit was not conducted.

None of the samples 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 of the samples collected from source units DF-010 and KS-001 exceeded the EPA action level of 15 ppb. These units remained out of service so that additional remediation measures could be evaluated.

A filter was added to the bubbler of KS-001 and to the drinking fountain unit DF-010. AEM collected four samples on September 26, 2017. None of the samples collected from DF-010 nor KS-001 contained lead at a concentration 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.

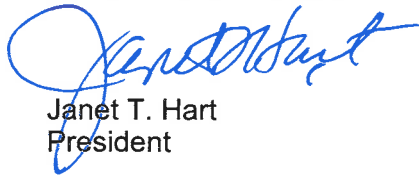
We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

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

Woodridge Elementary School
4120 Cedar Ridge Trail, Stone Mountain, GA 30083



Sample ID**	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0675-092617-DF-010-A	Initial Draw Sample; Retest Single Elkay Drinking Fountain to the Right of the Stage in Cafeteria/Rm 98; Filter Added	9/26/17 5:00 AM	8.81
0675-092617-DF-010-B	Flush Sample; Retest Single Elkay Drinking Fountain to the Right of the Stage in Cafeteria/Rm 98; Filter Added	9/26/17 5:01 AM	4.18
0675-092617-KS-001-A	Initial Draw Sample; Retest Kindergarten Sink with Bubbler in Rm 914; Sampled Bubbler; Filter added	9/26/17 5:06 AM	6.08
0675-092617-KS-001-B	Flush Sample; Retest Kindergarten Sink with Bubbler in Rm 914; Sampled Bubbler; Filter added	9/26/17 5:07 AM	None detected
0675-041217-KS-004-A	Initial Draw Sample; Kindergarten Sink with Bubbler in Rm 913; Sampled Bubbler	4/12/17 6:03 AM	9.77
0675-041217-KS-004-B	Flush Sample; Kindergarten Sink with Bubbler in Rm 913; Sampled Bubbler	4/12/17 6:04 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 unit was initially sampled on 11/29/16 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.



October 28, 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
Woodward Elementary School (Facility ID #1071)
3034 Curtis Drive NE, Atlanta, Georgia 30319
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 Woodward Elementary School (Facility ID #1071). Samples were collected on October 12, 2016, and analytical results were received from Analytical Environmental Services, Inc., on October 26, 2016.

FINDINGS

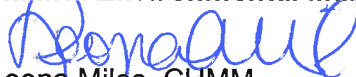
AEM collected 64 drinking water samples from 32 sources at Woodward Elementary School (Facility ID #1071), including two duplicate samples. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in the attached table.


None of the samples collected and analyzed contained lead at a concentration equal to or above EPA's action level of 15 parts per billion.

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 Glen (DeKalb County Watershed Management)
Ryan Cira (DeKalb Board of Health)

Attachment: Table

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

Woodward Elementary School

3034 Curtis Drive NE, Atlanta, GA 30319



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1071-101216-DF-001-A	Initial Draw sample; Lower Right Wall Mounted Elkay Drinking Fountain in the hallway across from Rm 224	10/12/16 5:23 AM	None Detected
1071-101216-DF-001-B	Flush sample; Lower Right Wall Mounted Elkay Drinking Fountain in the hallway across from Rm 224	10/12/16 5:24 AM	None Detected
1071-101216-DF-002-A	Initial Draw sample; Upper Left Elkay Wall Mounted Drinking Fountain in the hallway across from Rm 224	10/12/16 5:27 AM	None Detected
1071-101216-DF-002-B	Flush sample; Upper Left Elkay Wall Mounted Drinking Fountain in the hallway across from Rm 224	10/12/16 5:28 AM	None Detected
1071-101216-DF-003-A	Initial Draw sample; Lower Right Wall Mounted Elkay Drinking Fountain in hallway to right of Rm 343	10/12/16 5:09 AM	None Detected
1071-101216-DF-003-B	Flush sample; Lower Right Wall Mounted Elkay Drinking Fountain in hallway to right of Rm 343	10/12/16 5:10 AM	None Detected
1071-101216-DF-004-A	Initial Draw sample; Upper Left Wall Mounted Elkay Drinking Fountain to right of Rm 343	10/12/16 5:12 AM	None Detected
1071-101216-DF-004-B	Flush sample; Upper Left Wall Mounted Elkay Drinking Fountain to right of Rm 343	10/12/16 5:13 AM	None Detected
1071-101216-DF-005-A	Initial Draw sample; Lower Right Wall mounted Elkay Drinking Fountain in hallway across from Rm 230	10/12/16 5:32 AM	None Detected
1071-101216-DF-005-B	Flush sample; Lower Right Wall Mounted Elkay Drinking Fountain in hallway across from Rm 230	10/12/16 5:33 AM	None Detected
1071-101216-DF-006-A	Initial Draw sample; Upper Left Wall Mounted Elkay Drinking Fountain in the hallway across from Rm 230	10/12/16 5:35 AM	None Detected
1071-101216-DF-006-B	Flush sample; Upper Left Wall Mounted Elkay Drinking Fountain in the hallway across from Rm 230	10/12/16 5:36 AM	None Detected
1071-101216-DF-007-A	Initial Draw sample; Lower Left Elkay Drinking Fountain in hallway near Rm 240	10/12/16 5:09 AM	None Detected
1071-101216-DF-007-B	Flush sample; Lower Left Elkay Drinking Fountain in hallway near Rm 240	10/12/16 5:10 AM	None Detected
1071-101216-DF-008-A	Initial Draw sample; Upper Right Elkay Drinking Fountain in the hallway near Rm 240	10/12/16 5:09 AM	None Detected
1071-101216-DF-008-B	Flush sample; Upper Right Elkay Drinking Fountain in the hallway near Rm 240	10/12/16 5:10 AM	None Detected
1071-101216-DF-009-A	Initial Draw sample; Lower Right Elkay Wall Mounted Drinking Fountain in hallway across from Rm 112	10/12/16 5:01 AM	None Detected

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

Woodward Elementary School

3034 Curtis Drive NE, Atlanta, GA 30319



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1071-101216-DF-009-B	Flush sample; Lower Right Elkay Wall Mounted Drinking Fountain in hallway across from Rm 112	10/12/16 5:02 AM	None Detected
1071-101216-DF-010-A	Not sampled; Upper left Elkay Wall mounted Drinking Fountain in the hallway across from Rm 112; inoperable	--	--
1071-101216-DF-010-B	Not sampled; Upper left Elkay Wall mounted Drinking Fountain in the hallway across from Rm 112; inoperable	--	--
1071-101216-DF-011-A	Initial Draw sample; Lower Right Wall Mounted Elkay Drinking Fountain in hallway across from Rm 106	10/12/16 5:20 AM	None Detected
1071-101216-DF-011-B	Flush sample; Lower Right Wall Mounted Elkay Drinking Fountain in hallway across from Rm 106	10/12/16 5:21 AM	None Detected
1071-101216-DF-012-A	Initial Draw sample; Upper Left Wall Mounted Elkay Drinking Fountain in hallway across from Rm 106	10/12/16 5:22 AM	None Detected
1071-101216-DF-012-B	Flush sample; Upper Left Wall Mounted Elkay Drinking Fountain in hallway across from Rm 106	10/12/16 5:23 AM	None Detected
1071-101216-DF-013-A	Initial Draw sample; Upper Right Elkay Drinking Fountain in the hallway across from Rm 122	10/12/16 5:16 AM	None Detected
1071-101216-DF-013-B	Flush sample; Upper Right Elkay Drinking Fountain in the hallway across from Rm 122	10/12/16 5:17 AM	None Detected
1071-101216-DF-014-A	Initial Draw sample; Lower Left Elkay Drinking Fountain in hallway near Rm 122	10/12/16 5:16 AM	None Detected
1071-101216-DF-014-B	Flush sample; Lower Left Elkay Drinking Fountain in hallway near Rm 122	10/12/16 5:17 AM	None Detected
1071-101216-DF-015-A	Initial Draw sample; Wall mounted, Elkay Drinking Fountain in the gym	10/12/16 5:52 AM	None Detected
1071-101216-DF-015-B	Flush sample; Wall mounted, Elkay Drinking Fountain in the gym	10/12/16 5:54 AM	None Detected
1071-101216-DF-016-A	Not sampled; Drinking Fountain does not exist	--	--
1071-101216-DF-016-B	Not sampled; Drinking Fountain does not exist	--	--
1071-101216-KS-001-A	Initial Draw sample; Elkay sink with bubbler in Rm 223	10/12/16 5:17 AM	None Detected
1071-101216-KS-001-B	Flush sample; Elkay sink with bubbler in Rm 223	10/12/16 5:18 AM	None Detected
1071-101216-KS-002-A	Initial Draw sample; Sink with bubbler in Rm 221- sampled from bubbler	10/12/16 5:03 AM	None Detected
1071-101216-KS-002-B	Flush sample; Sink with bubbler in Rm 221- sampled from bubbler	10/12/16 5:04 AM	None Detected
1071-101216-KS-003-A	Initial Draw sample; Sink with bubbler in Rm 222-sampled from bubbler	10/12/16 4:57 AM	None Detected
1071-101216-KS-003-B	Flush sample; Sink with bubbler in Rm 222- sampled from bubbler	10/12/16 4:58 AM	None Detected
1071-101216-KS-004-A	Initial Draw sample; Sink with bubbler in Rm 103- sampled from bubbler	10/12/16 5:26 AM	None Detected

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

Woodward Elementary School

3034 Curtis Drive NE, Atlanta, GA 30319



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1071-101216-KS-004-B	Flush sample; Sink with bubbler in Rm 103- sampled from bubbler	10/12/16 5:27 AM	None Detected
1071-101216-KS-005-A	Initial Draw sample; Sink with bubbler in Rm 101- sampled from bubbler	10/12/16 5:35 AM	None Detected
1071-101216-KS-005-B	Flush sample; Sink with bubbler in Rm 101- sampled from bubbler	10/12/16 5:36 AM	None Detected
1071-101216-KS-006-A	Initial Draw sample; Sink with bubbler in Rm 102- sampled from bubbler	10/12/16 5:41 AM	None Detected
1071-101216-KS-006-B	Flush sample; Sink with bubbler in Rm 102- sampled from bubbler	10/12/16 5:42 AM	None Detected
1071-101216-KS-007-A	Initial Draw sample; Sink with bubbler in Rm 104-sampled from bubbler	10/12/16 5:31 AM	None Detected
1071-101216-KS-007-B	Flush sample; Sink with bubbler in Rm 104-sampled from bubbler	10/12/16 5:32 AM	None Detected
1071-101216-KS-008-A	Initial Draw sample; Sink with bubbler in Rm 123- sampled from bubbler	10/12/16 5:41 AM	None Detected
1071-101216-KS-008-B	Flush sample; Sink with bubbler in Rm 123- sampled from bubbler	10/12/16 5:42 AM	None Detected
1071-101216-KS-009-A	Initial Draw sample; Sink with bubbler in Rm 121-sampled from bubbler	10/12/16 5:36 AM	None Detected
1071-101216-KS-009-B	Flush sample; Sink with bubbler in Rm 121-sampled from bubbler	10/12/16 5:37 AM	None Detected
1071-101216-KS-010-A	Initial Draw sample; Sink with bubbler in Rm 126- sampled from bubbler	10/12/16 5:45 AM	None Detected
1071-101216-KS-010-B	Flush sample; Sink with bubbler in Rm 126- sampled from bubbler	10/12/16 5:46 AM	None Detected
1071-101216-KS-011-A	Initial Draw sample; Sink with bubbler in Rm 124-sampled bubbler; Sink was dripping	10/12/16 5:31 AM	None Detected
1071-101216-KS-011-B	Flush sample; Sink with bubbler in Rm 124-sampled bubbler; Sink was dripping	10/12/16 5:32 AM	None Detected
1071-101216-KS-012-A	Initial Draw sample; Sink with bubbler in Rm 122-sampled bubbler; Sink was dripping	10/12/16 5:27 AM	None Detected
1071-101216-KS-012-B	Flush sample; Sink with bubbler in Rm 122-sampled bubbler; Sink was dripping	10/12/16 5:28 AM	None Detected
1071-101216-KS-013-A	Initial Draw sample; Sink with bubbler in Rm 120- sampled from bubbler; Sink was dripping	10/12/16 5:21 AM	None Detected
1071-101216-KS-013-B	Flush sample; Sink with bubbler in Rm 120- sampled from bubbler; Sink was dripping	10/12/16 5:22 AM	None Detected
1071-101216-RS-001-A	Initial Draw sample; Middle sink in the Girl's RR across from Rm 232	10/12/16 5:40 AM	None Detected
1071-101216-RS-001-B	Flush sample; Middle sink in the Girl's RR across from Rm 232	10/12/16 5:41 AM	None Detected
1071-101216-RS-002-A	Initial Draw sample; American Standard, Lowest sink on left in boy's RR across from Rm 112	10/12/16 5:08 AM	None Detected
1071-101216-RS-002-B	Flush sample; American Standard, Lowest sink on left in boy's RR across from Rm 112	10/12/16 5:09 AM	None Detected
1071-101216-CS-001-A	Initial Draw sample; Far left Food Prep sink in the Kitchen	10/12/16 4:56 AM	None Detected
1071-101216-CS-001-B	Flush sample; Far left Food Prep sink in the Kitchen	10/12/16 4:57 AM	None Detected
1071-101216-IM-001-A	Initial Draw sample; Prodigy Plus Ice Machine in the Kitchen	10/12/16 5:05 AM	None Detected

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

Woodward Elementary School

3034 Curtis Drive NE, Atlanta, GA 30319



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1071-101216-SC-001-A	Main service connection line at Curtis Drive	10/12/16 6:03 AM	1.11

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