



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
Cedar Grove Elementary School (Facility ID #0275)
2330 River Road, Ellenwood, GA 30294
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 Cedar Grove Elementary School (Facility ID #0275). Additional drinking water samples from select source units were collected on September 22, 2017 and October 31, 2017, and analytical results were received from Analytical Environmental Services, Inc., on October 5, 2017, and November 13, 2017.

FINDINGS

Initial Sample Results of Previously Identified Inoperable Source Units

During the initial sampling event on November 16, 2016, one source unit was inoperable and could not be sampled. DCSD made repairs to the inoperable source unit, and AEM collected two drinking water samples on September 22, 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 16, 2016, one source unit was sampled and the analytical results indicated that the results were above EPA's action level of 15 ppb. DCSD made repairs and AEM collected two drinking water samples on September 22, 2017. None of the samples collected 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.

Sample Results of Previously Identified Source Units That Were Inconclusive

During the initial sampling event on November 16, 2016, the analytical result for the service connection was inconclusive. A resampling of the service connection was conducted on September 22, 2017, where AEM collected one sample. Results were inconclusive and a second retesting was conducted on October 31, 2017. 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 EPA's action level of 15 ppb.

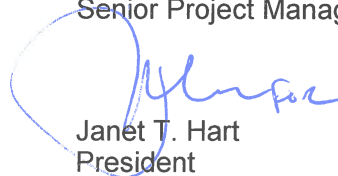
We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

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

Cedar Grove Elementary School

2330 River Road, Ellenwood, GA 30294



Sample ID**/**	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0275-092217-KS-001-A	Initial Draw Sample; Sink with Bubbler in Rm 28; sampled faucet	9/22/17 5:16 AM	2.51
0275-092217-KS-001-B	Flush Sample; Sink with Bubbler in Rm 28; sampled faucet	9/22/17 5:17 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 inoperable during the initial testing on 11/16/16. The above summarizes the initial test results post-repair.

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

Cedar Grove Elementary School

2330 River Road, Ellenwood, GA 30294



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0275-092217-KS-005-A**	Initial Draw sample; Retest of Sink with Bubbler in Rm 16; sampled faucet, bubbler inoperable	9/22/17 5:19 AM	10.8
0275-092217-KS-005-B**	Flush sample; Retest of Sink with Bubbler in Rm 16; sampled faucet, bubbler inoperable	9/22/17 5:20 AM	None Detected
0275-103117-SC-001-A***	Retest Service Connection Entry into Building	10/31/17 5:12 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 11/16/16 and the initial results indicated that a concentration exceeded the EPA standard of 15 ppb. The source unit was replaced by DCSD and retesting was conducted. The above summarizes the retest results.

***The source unit was initially sampled on 11/16/16 and 9/22/17 and the results were inconclusive. The above summarizes the retest results.



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
Cedar Grove Elementary School (Facility ID #0275)
2330 River Road, Ellenwood, Georgia 30294
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 Cedar Grove Elementary School (Facility ID #0275). Samples were collected on November 16, 2016, and analytical results were received from Analytical Environmental Services, Inc., on December 1, 2016.

FINDINGS

AEM collected 69 drinking water samples from 34 sources at Cedar Grove Elementary School (Facility ID #0275), 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.

Mr. Joshua Williams—DeKalb County School District
December 5, 2016
Page 2

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.

 FOR

Leona Miles, CHMM
Senior Project Manager

 for

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

Cedar Grove Elementary School

2330 River Road, Ellenwood, GA 30294



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0275-111616-DF-001-A	Initial Draw sample; Lower right Wall Mounted Elkay Drinking Fountain in hallway near Rm 41	11/16/16 5:44 AM	None Detected
0275-111616-DF-001-B	Flush sample; Lower right Wall Mounted Elkay Drinking Fountain in hallway near Rm 41	11/16/16 5:46 AM	1.29
0275-111616-DF-002-A	Initial Draw sample; Upper Left Wall Mounted Elkay Drinking Fountain in hallway near Rm 41	11/16/16 5:48 AM	1.18
0275-111616-DF-002-B	Flush sample; Upper Left Wall Mounted Elkay Drinking Fountain in hallway near Rm 41	11/16/16 5:49 AM	None Detected
0275-111616-DF-003-A	Initial Draw sample; Wall Mounted Elkay Drinking Fountain in hallway near Rm 42	11/16/16 5:52 AM	None Detected
0275-111616-DF-003-B	Flush sample; Wall Mounted Elkay Drinking Fountain in hallway near Rm 42	11/16/16 5:53 AM	None Detected
0275-111616-DF-004-A	Initial Draw sample; Upper Left Wall Mounted Elkay Drinking Fountain in hallway near Rm 52	11/16/16 6:07 AM	None Detected
0275-111616-DF-004-B	Flush sample; Upper Left Wall Mounted Elkay Drinking Fountain in hallway near Rm 52	11/16/16 6:08 AM	1.55
0275-111616-DF-005-A	Initial Draw sample; Lower Right Wall Mounted Elkay Drinking Fountain in hallway near Rm 52	11/16/16 6:10 AM	1.59
0275-111616-DF-005-B	Flush sample; Lower Right Wall Mounted Elkay Drinking Fountain in hallway near Rm 52	11/16/16 6:11 AM	1.17
0275-111616-DF-006-A	Initial Draw sample; Left Wall Mounted Elkay Drinking Fountain in hallway near Rm 48	11/16/16 6:00 AM	2.49
0275-111616-DF-006-B	Flush sample; Left Wall Mounted Elkay Drinking Fountain in hallway near Rm 48	11/16/16 6:01 AM	3.46
0275-111616-DF-007-A	Initial Draw sample; Right Wall Mounted Elkay Drinking Fountain in hallway near Rm 48	11/16/16 6:02 AM	3.14
0275-111616-DF-007-B	Flush sample; Right Wall Mounted Elkay Drinking Fountain in hallway near Rm 48	11/16/16 6:03 AM	3.08
0275-111616-DF-008-A	Initial Draw sample; Wall Mounted Elkay Drinking Fountain in hallway near Principal's office and Rm 9	11/16/16 5:15 AM	None Detected

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

Cedar Grove Elementary School

2330 River Road, Ellenwood, GA 30294



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0275-111616-DF-008-B	Flush sample; Wall Mounted Elkay Drinking Fountain in hallway near Principal's office and Rm 9	11/16/16 5:16 AM	None Detected
0275-111616-DF-009-A	Initial Draw sample; Lower Left Wall Mounted Elkay Drinking Fountain in hallway near Boy's RR and Rm 61	11/16/16 5:00 AM	None Detected
0275-111616-DF-009-B	Flush sample; Lower Left Wall Mounted Elkay Drinking Fountain in hallway near Boy's RR and Rm 61	11/16/16 5:01 AM	None Detected
0275-111616-DF-010-A	Initial Draw sample; Upper Right Wall Mounted Elkay Drinking Fountain in hallway near girls RR and Rm 61	11/16/16 5:03 AM	None Detected
0275-111616-DF-010-B	Flush sample; Upper Right Wall Mounted Elkay Drinking Fountain in hallway near girls RR and Rm 61	11/16/16 5:04 AM	None Detected
0275-111616-DF-011-A	Initial Draw sample; Wall Mounted Elkay Drinking Fountain in the Cafeteria by the stage	11/16/16 5:10 AM	1.37
0275-111616-DF-011-B	Flush sample; Wall Mounted Elkay Drinking Fountain in the Cafeteria by the stage	11/16/16 5:11 AM	None Detected
0275-111616-DF-012-A	Initial Draw sample; Wall Mounted Elkay Drinking Fountain in hallway near Rm 28	11/16/16 5:36 AM	None Detected
0275-111616-DF-012-B	Flush sample; Wall Mounted Elkay Drinking Fountain in hallway near Rm 28	11/16/16 5:37 AM	None Detected
0275-111616-KS-002-A	Initial Draw sample; Sink with Bubbler in Rm 27; sampled bubbler	11/16/16 5:31 AM	11.4
0275-111616-KS-002-B	Flush sample; Sink with Bubbler in Rm 27; sampled bubbler	11/16/16 5:32 AM	1.80
0275-111616-KS-003-A	Initial Draw sample; Sink with Bubbler in Rm 21; sampled bubbler	11/16/16 5:27 AM	8.29
0275-111616-KS-003-B	Flush sample; Sink with Bubbler in Rm 21; sampled bubbler	11/16/16 5:28 AM	1.47
0275-111616-KS-004-A	Initial Draw sample; Sink with Bubbler in Rm 15; sampled faucet, bubbler inoperable	11/16/16 5:21 AM	6.58
0275-111616-KS-004-B	Flush sample; Sink with Bubbler in Rm 15; sampled faucet, bubbler inoperable	11/16/16 5:22 AM	None Detected
0275-111616-KS-005-A	Initial Draw sample; Sink with Bubbler in Rm 16; sampled faucet, bubbler inoperable	11/16/16 5:24 AM	24.8
0275-111616-KS-005-B	Flush sample; Sink with Bubbler in Rm 16; sampled faucet, bubbler inoperable	11/16/16 5:25 AM	1.79

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

Cedar Grove Elementary School

2330 River Road, Ellenwood, GA 30294



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0275-111616-KS-006-A	Initial Draw sample; Sink with Bubblers in Rm 73; sampled faucet, bubbler inoperable	11/16/16 6:10 AM	None Detected
0275-111616-KS-006-B	Flush sample; Sink with Bubblers in Rm 73; sampled faucet, bubbler inoperable	11/16/16 6:11 AM	None Detected
0275-111616-KS-007-A	Initial Draw sample; Sink with Bubblers in Rm 72; sampled faucet, bubbler inoperable	11/16/16 6:06 AM	None Detected
0275-111616-KS-007-B	Flush sample; Sink with Bubblers in Rm 72; sampled faucet, bubbler inoperable	11/16/16 6:07 AM	None Detected
0275-111616-KS-008-A	Initial Draw sample; Sink with Bubblers in Rm 71; sampled faucet, bubbler inoperable, faucet dripping	11/16/16 6:00 AM	2.40
0275-111616-KS-008-B	Flush sample; Sink with Bubblers in Rm 71; sampled faucet, bubbler inoperable, faucet dripping	11/16/16 6:01 AM	None Detected
0275-111616-KS-009-A	Initial Draw sample; Sink with bubbler in Rm 70; sampled bubbler	11/16/16 5:56 AM	None Detected
0275-111616-KS-009-B	Flush sample; Sink with bubbler in Rm 70; sampled bubbler	11/16/16 5:57 AM	None Detected
0275-111616-KS-010-A	Initial Draw sample; Sink with bubbler in Rm 69; sampled bubbler	11/16/16 5:51 AM	None Detected
0275-111616-KS-010-B	Flush sample; Sink with bubbler in Rm 69; sampled bubbler	11/16/16 5:52 AM	None Detected
0275-111616-KS-011-A	Initial Draw sample; Sink with bubbler in Rm 68; sampled bubbler	11/16/16 5:47 AM	None Detected
0275-111616-KS-011-B	Flush sample; Sink with bubbler in Rm 68; sampled bubbler	11/16/16 5:48 AM	None Detected
0275-111616-KS-012-A	Initial Draw sample; Sink with bubbler in Rm 67; sampled bubbler	11/16/16 5:42 AM	1.19
0275-111616-KS-012-B	Flush sample; Sink with bubbler in Rm 67; sampled bubbler	11/16/16 5:43 AM	None Detected
0275-111616-KS-013-A	Initial Draw sample; Sink with bubbler in Rm 66; sampled bubbler	11/16/16 5:38 AM	None Detected
0275-111616-KS-013-B	Flush sample; Sink with bubbler in Rm 66; sampled bubbler	11/16/16 5:39 AM	None Detected
0275-111616-KS-014-A	Initial Draw sample; Sink with Bubblers in Rm 65; sampled faucet, bubbler inoperable	11/16/16 5:33 AM	None Detected
0275-111616-KS-014-B	Flush sample; Sink with Bubblers in Rm 65; sampled faucet, bubbler inoperable	11/16/16 5:34 AM	None Detected
0275-111616-KS-015-A	Initial Draw sample; Sink with bubbler in Rm 64; sampled bubbler	11/16/16 5:29 AM	None Detected
0275-111616-KS-015-B	Flush sample; Sink with bubbler in Rm 64; sampled bubbler	11/16/16 5:30 AM	None Detected
0275-111616-KS-016-A	Initial Draw sample; Sink with bubbler in Rm 63; sampled faucet, bubbler inoperable	11/16/16 5:21 AM	None Detected

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

Cedar Grove Elementary School

2330 River Road, Ellenwood, GA 30294



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0275-111616-KS-016-B	Flush sample; Sink with bubbler in Rm 63; sampled faucet, bubbler inoperable	11/16/16 5:22 AM	None Detected
0275-111616-KS-017-A	Initial Draw sample; Sink with bubbler in Rm 62; sampled faucet, bubbler inoperable	11/16/16 5:17 AM	None Detected
0275-111616-KS-017-B	Flush sample; Sink with bubbler in Rm 62; sampled faucet, bubbler inoperable	11/16/16 5:18 AM	None Detected
0275-111616-KS-018-A	Initial Draw sample; Sink with bubbler in Rm 61; sink was dripping, sampled bubbler	11/16/16 5:08 AM	None Detected
0275-111616-KS-018-B	Flush sample; Sink with bubbler in Rm 61; sink was dripping, sampled bubbler	11/16/16 5:09 AM	None Detected
0275-111616-RS-001-A	Initial Draw sample; Sink to the right facing wall nearest the door in girls RR next to Rm 61	11/16/16 4:52 AM	None Detected
0275-111616-RS-001-B	Flush sample; Sink to the right facing wall nearest the door in girls RR next to Rm 61	11/16/16 4:53 AM	1.69
0275-111616-RS-002-A	Initial Draw sample; Center sink in boys RR across from Rm 42	11/16/16 5:55 AM	5.46
0275-111616-RS-002-B	Flush sample; Center sink in boys RR across from Rm 42	11/16/16 5:56 AM	3.07
0275-111616-TL-001-A	Initial Draw sample; Sink in Rm 9.1 closest to Service Connection, dripping on arrival	11/16/16 4:57 AM	None Detected
0275-111616-TL-001-B	Flush sample; Sink in Rm 9.1 closest to Service Connection, dripping on arrival	11/16/16 4:58 AM	None Detected
0275-111616-CS-001-A	Initial Draw sample; Food prep sink in Kitchen	11/16/16 5:03 AM	1.68
0275-111616-CS-001-B	Flush sample; Food prep sink in Kitchen	11/16/16 5:04 AM	None Detected
0275-111616-IM-001-A	Initial Draw sample; Manitowoc Ice Machine in Kitchen	11/16/16 5:06 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