



November 14, 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
Idlewood Elementary School (Facility ID #1059)
1484 Idlewood Road, Tucker, Georgia 30084
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 Idlewood Elementary School (Facility ID #1059). Samples were collected on October 27, 2016, and analytical results were received from Analytical Environmental Services, Inc., on November 11, 2016.

FINDINGS

AEM collected 68 drinking water samples from 34 sources at Idlewood Elementary School (Facility ID #1059), 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

Idlewood Elementary Facility

1484 Idlewood Road, Tucker, GA 30084



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1059-102716-DF-001-A	Initial Draw sample; Lower Right Elkay Drinking Fountain in hallway next to Rm 206	10/27/16 5:17 AM	None Detected
1059-102716-DF-001-B	Flush sample; Lower Right Elkay Drinking Fountain in hallway next to Rm 206	10/27/16 5:18 AM	None Detected
1059-102716-DF-002-A	Initial Draw sample; Upper Left Elkay Drinking Fountain in hallway next to Rm 206	10/27/16 5:19 AM	None Detected
1059-102716-DF-002-B	Flush sample; Upper Left Elkay Drinking Fountain in hallway next to Rm 206	10/27/16 5:20 AM	None Detected
1059-102716-DF-003-A	Initial Draw sample; Upper Left Elkay Drinking Fountain in hallway across from Boys RR Rm 122.1	10/27/16 5:26 AM	1.09
1059-102716-DF-003-B	Flush sample; Upper Left Elkay Drinking Fountain in hallway across from Boys RR Rm 122.2	10/27/16 5:27 AM	None Detected
1059-102716-DF-004-A	Initial Draw sample; Lower Right Elkay Drinking Fountain in hallway across from Boys RR Rm 122.2	10/27/16 5:28 AM	None Detected
1059-102716-DF-004-B	Flush sample; Lower Right Elkay Drinking Fountain in hallway across from Boys RR Rm 122.2	10/27/16 5:29 AM	None Detected
1059-102716-DF-005-A	Initial Draw sample; Left Pair; Upper Left Elkay Drinking Fountain in hallway across from Rm 129	10/27/16 5:37 AM	None Detected
1059-102716-DF-005-B	Flush sample; Left Pair; Upper Left Elkay Drinking Fountain in hallway across from Rm 129	10/27/16 5:38 AM	None Detected
1059-102716-DF-006-A	Initial Draw sample; Left Pair; Lower Right Elkay Drinking Fountain in hallway across from Rm 129; Dripping from underneath Drinking Fountain noticed after sampling	10/27/16 5:39 AM	None Detected
1059-102716-DF-006-B	Flush sample; Left Pair; Lower Right Elkay Drinking Fountain in hallway across from Rm 129; Dripping from underneath Drinking Fountain noticed after sampling	10/27/16 5:40 AM	None Detected
1059-102716-DF-007-A	Initial Draw sample; Upper Left Elkay Drinking Fountain in hallway across from Rm 101	10/27/16 5:43 AM	None Detected
1059-102716-DF-007-B	Flush sample; Upper Left Elkay Drinking Fountain in hallway across from Rm 101	10/27/16 5:44 AM	None Detected
1059-102716-DF-008-A	Initial Draw sample; Lower Right Elkay Drinking Fountain in hallway across from Rm 101	10/27/16 5:45 AM	None Detected
1059-102716-DF-008-B	Flush sample; Lower Right Elkay Drinking Fountain in hallway across from Rm 101	10/27/16 5:46 AM	None Detected
1059-102716-DF-009-A	Initial Draw sample; Upper Left Elkay Drinking Fountain in hallway near entrance to Rm 114	10/27/16 5:21 AM	None Detected
1059-102716-DF-009-B	Flush sample; Upper Left Elkay Drinking Fountain in hallway near entrance to Rm 114	10/27/16 5:22 AM	None Detected
1059-102716-DF-010-A	Initial Draw sample; Lower Right Elkay Drinking Fountain in hallway near entrance to Rm 114	10/27/16 5:23 AM	None Detected
1059-102716-DF-010-B	Flush sample; Lower Right Elkay Drinking Fountain in hallway near entrance to Rm 114	10/27/16 5:24 AM	None Detected
1059-102716-DF-011-A	Initial Draw sample; Upper Left Elkay Drinking Fountain in Cafeteria	10/27/16 5:15 AM	None Detected
1059-102716-DF-011-B	Flush sample; Upper Left Elkay Drinking Fountain in Cafeteria	10/27/16 5:16 AM	None Detected
1059-102716-DF-012-A	Initial Draw sample; Lower Right Elkay Drinking Fountain in Cafeteria	10/27/16 5:13 AM	None Detected
1059-102716-DF-012-B	Flush sample; Lower Right Elkay Drinking Fountain in Cafeteria	10/27/16 5:14 AM	None Detected
1059-102716-DF-013-A	Initial Draw sample; Lower Right Elkay Drinking Fountain in hallway next to Rm 111	10/27/16 5:00 AM	None Detected
1059-102716-DF-013-B	Flush sample; Lower Right Elkay Drinking Fountain in hallway next to Rm 111	10/27/16 5:01 AM	None Detected

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

Idlewood Elementary Facility

1484 Idlewood Road, Tucker, GA 30084



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1059-102716-DF-014-A	Initial Draw sample; Upper Left Elkay Drinking Fountain in hallway near Rm 111	10/27/16 5:03 AM	None Detected
1059-102716-DF-014-B	Flush sample; Upper Left Elkay Drinking Fountain in hallway near Rm 111	10/27/16 5:04 AM	None Detected
1059-102716-DF-015-A	Initial Draw sample; Left Elkay Drinking Fountain in Gym	10/27/16 5:41 AM	None Detected
1059-102716-DF-015-B	Flush sample; Left Elkay Drinking Fountain in Gym	10/27/16 5:42 AM	None Detected
1059-102716-DF-016-A	Initial Draw sample; Left Elkay Drinking Fountain in Gym	10/27/16 5:43 AM	None Detected
1059-102716-DF-016-B	Flush sample; Left Elkay Drinking Fountain in Gym	10/27/16 5:44 AM	None Detected
1059-102716-DF-017-A	Initial Draw sample; Upper Left Elkay Drinking Fountain in hallway next to Rm 217	10/27/16 5:24 AM	None Detected
1059-102716-DF-017-B	Flush sample; Upper Left Elkay Drinking Fountain in hallway next to Rm 217	10/27/16 5:25 AM	None Detected
1059-102716-DF-018-A	Initial Draw sample; Lower Right Elkay Drinking Fountain in hallway next to Rm 217	10/27/16 5:26 AM	None Detected
1059-102716-DF-018-B	Flush sample; Lower Right Elkay Drinking Fountain in hallway next to Rm 217	10/27/16 5:27 AM	None Detected
1059-102716-DF-019-A	Initial Draw sample; Lower Right Elkay Drinking Fountain in hallway across from Rm 229	10/27/16 5:09 AM	None Detected
1059-102716-DF-019-B	Flush sample; Lower Right Elkay Drinking Fountain in hallway across from Rm 229	10/27/16 5:10 AM	None Detected
1059-102716-DF-020-A	Initial Draw sample; Upper Left Elkay Drinking Fountain in hallway across from Rm 229	10/27/16 5:11 AM	None Detected
1059-102716-DF-020-B	Flush sample; Upper Left Elkay Drinking Fountain in hallway across from Rm 229	10/27/16 5:12 AM	None Detected
1059-102716-DF-021-A	Initial Draw sample; Right Pair; Upper Left Elkay Drinking Fountain in hallway across from Rm 129	10/27/16 5:47 AM	None Detected
1059-102716-DF-021-B	Flush sample; Right Pair; Upper Left Elkay Drinking Fountain in hallway across from Rm 129	10/27/16 5:48 AM	None Detected
1059-102716-DF-022-A	Initial Draw sample; Right Pair; Lower Right Elkay Drinking Fountain in hallway across from Rm 129	10/27/16 5:49 AM	None Detected
1059-102716-DF-022-B	Flush sample; Right Pair; Lower Right Elkay Drinking Fountain in hallway across from Rm 129	10/27/16 5:50 AM	None Detected
1059-102716-KS-001-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 103; Sampled bubbler	10/27/16 5:12 AM	None Detected
1059-102716-KS-001-B	Flush sample; Kindergarten Sink with bubbler in Rm 103; Sampled bubbler	10/27/16 5:14 AM	None Detected
1059-102716-KS-002-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 104; Sampled bubbler; Bubbler dripping on arrival	10/27/16 5:08 AM	None Detected

**Table 1. Summary of Lead in Drinking Water Laboratory Analytical Results
Idlewood Elementary Facility
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Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
1059-102716-KS-002-B	Flush sample; Kindergarten Sink with bubbler in Rm 104; Sampled bubbler; Bubbler dripping on arrival	10/27/16 5:09 AM	None Detected
1059-102716-KS-003-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 105; Sampled bubbler	10/27/16 5:05 AM	None Detected
1059-102716-KS-003-B	Flush sample; Kindergarten Sink with bubbler in Rm 105; Sampled bubbler	10/27/16 5:06 AM	None Detected
1059-102716-KS-004-A	Initial Draw sample; Kindergarten Sink with bubbler in Rm 106; Sampled bubbler	10/27/16 5:02 AM	None Detected
1059-102716-KS-004-B	Flush sample; Kindergarten Sink with bubbler in Rm 106; Sampled bubbler	10/27/16 5:03 AM	None Detected
1059-102716-KS-005-A	Initial Draw sample; Kindergarten Sink with inoperable bubbler in Rm 113; Sampled faucet	10/27/16 5:29 AM	1.69
1059-102716-KS-005-B	Flush sample; Kindergarten Sink with inoperable bubbler in Rm 113; Sampled faucet	10/27/16 5:30 AM	None Detected
1059-102716-KS-006-A	Initial Draw sample; Kindergarten Sink with inoperable bubbler in Rm 114; Sampled faucet	10/27/16 5:26 AM	None Detected
1059-102716-KS-006-B	Flush sample; Kindergarten Sink with inoperable bubbler in Rm 114; Sampled faucet	10/27/16 5:27 AM	None Detected
1059-102716-RS-001-A	Initial Draw sample; Staff only Womens RR Rm 95.3; Only sink in room	10/27/16 5:20 AM	None Detected
1059-102716-RS-001-B	Flush sample; Staff only Womens RR Rm 95.3; Only sink in room	10/27/16 5:21 AM	None Detected
1059-102716-TL-001-A	Initial Draw sample; Collected from sink in womens RR next to Rm 106	10/27/16 4:58 AM	2.10
1059-102716-TL-001-B	Flush sample; Collected from sink in womens RR next to Rm 106	10/27/16 4:59 AM	None Detected
1059-102716-TL-002-A	Initial Draw sample; Teachers Lounge Sink with bubbler across from Rm 229 Sampled bubbler; Sampled bubbler	10/27/16 5:32 AM	None Detected
1059-102716-TL-002-B	Flush sample; Teachers Lounge Sink with bubbler across from Rm 229 Sampled bubbler; Sampled bubbler	10/27/16 5:33 AM	None Detected
1059-102716-CS-001-A	Initial Draw sample; Food Prep Sink in Kitchen to left of Ice Machine	10/27/16 5:03 AM	None Detected
1059-102716-CS-001-B	Flush sample; Food Prep Sink in Kitchen to left of Ice Machine	10/27/16 5:04 AM	None Detected
1059-102716-IM-001-A	Scotsman Ice Machine in Kitchen	10/27/16 5:05 AM	None Detected
1059-102716-SC-001-A	Main service connection line on Idlewood Road; Meter #04385432	10/27/16 6:00 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

**Inconclusive Sample Result; Resampling underway