



June 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: Lead in Drinking Water Sample Results
Barack Obama Elementary School (Facility ID #5116)
3132 Clifton Church Road, Atlanta, Georgia 30316
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 Barack Obama Elementary School (Facility ID #5116). Samples were collected on May 11, 2017, and analytical results were received from Analytical Environmental Services, Inc., on May 25, 2017.

FINDINGS

On May 11, 2017, AEM collected 122 drinking water samples from 48 sources at Barack Obama Elementary School (Facility ID #5116), 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.

Initially, one of the sources sampled had a drinking water sample result that was inconclusive. In consultation with the facility construction contractor, it was determined that the faucet unit in Room 1008 was defective. The unit was replaced and AEM collected two drinking water samples from the source unit on June 20, 2017. A description of the drinking water outlet sampled and a summary of sample analytical results are provided in Table 1.

None of the samples collected from the source units at Barack Obama Elementary School had a drinking water sample result that contained lead at a concentration at or above EPA's action level of 15 ppb.

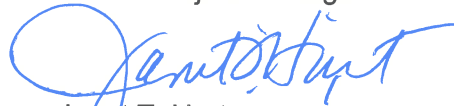
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We appreciate your selection of AEM for this project. If you have any questions, please do not hesitate to contact us.

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

Barack Obama Elementary School

3132 Clifton Church Road, Atlanta, GA 30316



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
5116-051117-DF-001-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near Rm 1204	5/11/17 5:40 AM	None Detected
5116-051117-DF-001-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near Rm 1204	5/11/17 5:41 AM	None Detected
5116-051117-DF-002-A	Initial Draw sample; Middle wall mounted Elkay Drinking Fountain in hallway near Rm 1204	5/11/17 5:38 AM	None Detected
5116-051117-DF-002-B	Flush sample; Middle wall mounted Elkay Drinking Fountain in hallway near Rm 1204	5/11/17 5:39 AM	None Detected
5116-051117-DF-003-A	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway near Rm 1204	5/11/17 5:36 AM	None Detected
5116-051117-DF-003-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway near Rm 1204	5/11/17 5:37 AM	None Detected
5116-051117-DF-004-A	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway near Rm 1010	5/11/17 5:07 AM	None Detected
5116-051117-DF-004-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway near Rm 1010	5/11/17 5:08 AM	None Detected
5116-051117-DF-005-A	Initial Draw sample; Middle wall mounted Elkay Drinking Fountain in hallway near Rm 1010	5/11/17 5:09 AM	None Detected
5116-051117-DF-005-B	Flush sample; Middle wall mounted Elkay Drinking Fountain in hallway near Rm 1010	5/11/17 5:10 AM	None Detected
5116-051117-DF-006-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near Rm 1010	5/11/17 5:11 AM	None Detected
5116-051117-DF-006-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway near Rm 1010	5/11/17 5:12 AM	None Detected
5116-051117-DF-007-A	Initial Draw sample; Left wall mounted Elkay Drinking Fountain in Gym	5/11/17 5:12 AM	None Detected
5116-051117-DF-007-B	Flush sample; Left wall mounted Elkay Drinking Fountain in Gym	5/11/17 5:13 AM	None Detected
5116-051117-DF-008-A	Initial Draw sample; Middle wall mounted Elkay Drinking Fountain in Gym	5/11/17 5:14 AM	None Detected
5116-051117-DF-008-B	Flush sample; Middle wall mounted Elkay Drinking Fountain in Gym	5/11/17 5:15 AM	None Detected

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

Barack Obama Elementary School

3132 Clifton Church Road, Atlanta, GA 30316



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
5116-051117-DF-009-A	Initial Draw sample; Right wall mounted Elkay Drinking Fountain in Gym	5/11/17 5:16 AM	None Detected
5116-051117-DF-009-B	Flush sample; Right wall mounted Elkay Drinking Fountain in Gym	5/11/17 5:17 AM	None Detected
5116-051117-DF-010-A	Initial Draw sample; Left wall mounted Elkay Drinking Fountain in hallway across from Gym entrance	5/11/17 5:20 AM	None Detected
5116-051117-DF-010-B	Flush sample; Left wall mounted Elkay Drinking Fountain in hallway across from Gym entrance	5/11/17 5:21 AM	None Detected
5116-051117-DF-011-A	Initial Draw sample; Middle wall mounted Elkay Drinking Fountain in hallway across from Gym entrance	5/11/17 5:22 AM	None Detected
5116-051117-DF-011-B	Flush sample; Middle wall mounted Elkay Drinking Fountain in hallway across from Gym entrance	5/11/17 5:23 AM	None Detected
5116-051117-DF-012-A	Initial Draw sample; Right wall mounted Elkay Drinking Fountain in hallway across from Gym entrance	5/11/17 5:24 AM	None Detected
5116-051117-DF-012-B	Flush sample; Right wall mounted Elkay Drinking Fountain in hallway across from Gym entrance	5/11/17 5:25 AM	None Detected
5116-051117-DF-013-A	Initial Draw sample; Left wall mounted Elkay Drinking Fountain in hallway across from Rm 1702	5/11/17 5:30 AM	None Detected
5116-051117-DF-013-B	Flush sample; Left wall mounted Elkay Drinking Fountain in hallway across from Rm 1702	5/11/17 5:31 AM	None Detected
5116-051117-DF-014-A	Initial Draw sample; Middle wall mounted Elkay Drinking Fountain in hallway across from Rm 1702	5/11/17 5:32 AM	None Detected
5116-051117-DF-014-B	Flush sample; Middle wall mounted Elkay Drinking Fountain in hallway across from Rm 1702	5/11/17 5:33 AM	None Detected
5116-051117-DF-015-A	Initial Draw sample; Right wall mounted Elkay Drinking Fountain in hallway across from Rm 1702	5/11/17 5:34 AM	None Detected
5116-051117-DF-015-B	Flush sample; Right wall mounted Elkay Drinking Fountain in hallway across from Rm 1702	5/11/17 5:35 AM	None Detected
5116-051117-DF-016-A	Initial Draw sample; Upper Right wall mounted Elkay Drinking Fountain in hallway across from Rm 2205	5/11/17 5:44 AM	None Detected

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Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
5116-051117-DF-016-B	Flush sample; Upper Right wall mounted Elkay Drinking Fountain in hallway across from Rm 2205	5/11/17 5:45 AM	None Detected
5116-051117-DF-017-A	Initial Draw sample; Middle wall mounted Elkay Drinking Fountain in hallway across from Rm 2205	5/11/17 5:46 AM	None Detected
5116-051117-DF-017-B	Flush sample; Middle wall mounted Elkay Drinking Fountain in hallway across from Rm 2205	5/11/17 5:47 AM	None Detected
5116-051117-DF-018-A	Initial Draw sample; Lower Left wall mounted Elkay Drinking Fountain in hallway across from Rm 2205	5/11/17 5:48 AM	None Detected
5116-051117-DF-018-B	Flush sample; Lower Left wall mounted Elkay Drinking Fountain in hallway across from Rm 2205	5/11/17 5:49 AM	None Detected
5116-051117-DF-019-A	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from Rm 2001	5/11/17 5:23 AM	None Detected
5116-051117-DF-019-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across from Rm 2001	5/11/17 5:24 AM	None Detected
5116-051117-DF-020-A	Initial Draw sample; Middle wall mounted Elkay Drinking Fountain in hallway across from Rm 2001	5/11/17 5:26 AM	None Detected
5116-051117-DF-020-B	Flush sample; Middle wall mounted Elkay Drinking Fountain in hallway across from Rm 2001	5/11/17 5:27 AM	None Detected
5116-051117-DF-021-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm 2001	5/11/17 5:28 AM	None Detected
5116-051117-DF-021-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across from Rm 2001	5/11/17 5:29 AM	None Detected
5116-051117-DF-022-A	Initial Draw sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across 3001	5/11/17 5:55 AM	None Detected
5116-051117-DF-022-B	Flush sample; Lower Right wall mounted Elkay Drinking Fountain in hallway across 3001	5/11/17 5:56 AM	None Detected
5116-051117-DF-023-A	Initial Draw sample; Middle wall mounted Elkay Drinking Fountain in hallway across 3001	5/11/17 5:57 AM	None Detected

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Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
5116-051117-DF-023-B	Flush sample; Middle wall mounted Elkay Drinking Fountain in hallway across 3001	5/11/17 5:58 AM	None Detected
5116-051117-DF-024-A	Initial Draw sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across 3001	5/11/17 5:59 AM	None Detected
5116-051117-DF-024-B	Flush sample; Upper Left wall mounted Elkay Drinking Fountain in hallway across 3001	5/11/17 6:00 AM	None Detected
5116-051117-KS-001-A	Initial Draw sample; Sink with bubbler in Rm 1202; Sampled bubbler	5/11/17 6:01 AM	None Detected
5116-051117-KS-001-B	Flush sample; Sink with bubbler in Rm 1202; Sampled bubbler	5/11/17 6:03 AM	None Detected
5116-051117-KS-001-A2	Initial Draw sample; Sink with bubbler in Rm 1202; Sampled faucet	5/11/17 6:04 AM	None Detected
5116-051117-KS-001-B2	Flush sample; Sink with bubbler in Rm 1202; Sampled faucet	5/11/17 6:05 AM	None Detected
5116-051117-KS-002-A	Initial Draw sample; Sink with bubbler in Rm 1204; Sampled bubbler	5/11/17 5:55 AM	1.14
5116-051117-KS-002-B	Flush sample; Sink with bubbler in Rm 1204; Sampled bubbler	5/11/17 5:56 AM	None Detected
5116-051117-KS-002-A2	Initial Draw sample; Sink with bubbler in Rm 1204; Sampled faucet	5/11/17 5:57 AM	None Detected
5116-051117-KS-002-B2	Flush sample; Sink with bubbler in Rm 1204; Sampled faucet	5/11/17 5:58 AM	None Detected
5116-051117-KS-003-A	Initial Draw sample; Sink with bubbler in Rm 1206; Sampled bubbler	5/11/17 5:49 AM	2.11
5116-051117-KS-003-B	Flush sample; Sink with bubbler in Rm 1206; Sampled bubbler	5/11/17 5:50 AM	None Detected
5116-051117-KS-003-A2	Initial Draw sample; Sink with bubbler in Rm 1206; Sampled faucet	5/11/17 5:51 AM	None Detected
5116-051117-KS-003-B2	Flush sample; Sink with bubbler in Rm 1206; Sampled faucet	5/11/17 5:52 AM	None Detected
5116-051117-KS-004-A	Initial Draw sample; Sink with bubbler in Rm 1208; Sampled faucet	5/11/17 5:52 AM	None Detected
5116-051117-KS-004-B	Flush sample; Sink with bubbler in Rm 1208; Sampled faucet	5/11/17 5:53 AM	None Detected
5116-051117-KS-004-A2	Initial Draw sample; Sink with bubbler in Rm 1208; Sampled bubbler	5/11/17 5:54 AM	None Detected
5116-051117-KS-004-B2	Flush sample; Sink with bubbler in Rm 1208; Sampled bubbler	5/11/17 5:55 AM	None Detected
5116-051117-KS-005-A	Initial Draw sample; Sink with bubbler in Rm 1210; Sampled faucet	5/11/17 5:46 AM	None Detected
5116-051117-KS-005-B	Flush sample; Sink with bubbler in Rm 1210; Sampled faucet	5/11/17 5:47 AM	None Detected
5116-051117-KS-005-A2	Initial Draw sample; Sink with bubbler in Rm 1210; Sampled bubbler	5/11/17 5:48 AM	None Detected
5116-051117-KS-005-2	Flush sample; Sink with bubbler in Rm 1210; Sampled bubbler	5/11/17 5:49 AM	None Detected
5116-051117-KS-006-A	Initial Draw sample; Sink with bubbler in Rm 1212; Sampled faucet	5/11/17 5:15 AM	None Detected
5116-051117-KS-006-B	Flush sample; Sink with bubbler in Rm 1212; Sampled faucet	5/11/17 5:16 AM	None Detected

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Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
5116-051117-KS-006-A2	Initial Draw sample; Sink with bubbler in Rm 1212; Sampled bubbler	5/11/17 5:17 AM	None Detected
5116-051117-KS-006-B2	Flush sample; Sink with bubbler in Rm 1212; Sampled bubbler	5/11/17 5:18 AM	None Detected
5116-051117-KS-007-A	Initial Draw sample; Sink with bubbler in Rm 1214; Sampled faucet	5/11/17 5:08 AM	None Detected
5116-051117-KS-007-B	Flush sample; Sink with bubbler in Rm 1214; Sampled faucet	5/11/17 5:09 AM	None Detected
5116-051117-KS-007-A2	Initial Draw sample; Sink with bubbler in Rm 1214; Sampled bubbler	5/11/17 5:10 AM	1.57
5116-051117-KS-007-B2	Flush sample; Sink with bubbler in Rm 1214; Sampled bubbler	5/11/17 5:11 AM	None Detected
5116-051117-KS-008-A	Initial Draw sample; Sink with bubbler in Rm 1207; Sampled faucet	5/11/17 6:05 AM	None Detected
5116-051117-KS-008-B	Flush sample; Sink with bubbler in Rm 1207; Sampled faucet	5/11/17 6:06 AM	None Detected
5116-051117-KS-008-A2	Initial Draw sample; Sink with bubbler in Rm 1207; Sampled bubbler	5/11/17 6:07 AM	1.20
5116-051117-KS-008-B2	Flush sample; Sink with bubbler in Rm 1207; Sampled bubbler	5/11/17 6:08 AM	None Detected
5116-051117-KS-009-A	Initial Draw sample; Sink with bubbler in Rm 1209; Sampled faucet	5/11/17 5:58 AM	None Detected
5116-051117-KS-009-B	Flush sample; Sink with bubbler in Rm 1209; Sampled faucet	5/11/17 5:59 AM	None Detected
5116-051117-KS-009-A2	Initial Draw sample; Sink with bubbler in Rm 1209; Sampled bubbler	5/11/17 6:00 AM	None Detected
5116-051117-KS-009-B2	Flush sample; Sink with bubbler in Rm 1209; Sampled bubbler	5/11/17 6:01 AM	None Detected
5116-051117-KS-010-A	Initial Draw sample; Sink with bubbler in Rm 1213; Sampled faucet	5/11/17 5:40 AM	None Detected
5116-051117-KS-010-B	Flush sample; Sink with bubbler in Rm 1213; Sampled faucet	5/11/17 5:41 AM	None Detected
5116-051117-KS-010-A2	Initial Draw sample; Sink with bubbler in Rm 1213; Sampled bubbler	5/11/17 5:42 AM	1.98
5116-051117-KS-010-B2	Flush sample; Sink with bubbler in Rm 1213; Sampled bubbler	5/11/17 5:43 AM	None Detected
5116-051117-KS-011-A	Initial Draw sample; Sink with bubbler in Rm 1215; Sampled faucet	5/11/17 5:19 AM	None Detected
5116-051117-KS-011-B	Flush sample; Sink with bubbler in Rm 1215; Sampled faucet; Upon filling bottle the water foamed	5/11/17 5:20 AM	None Detected
5116-051117-KS-011-A2	Initial Draw sample; Sink with bubbler in Rm 1215; Sampled bubbler	5/11/17 5:26 AM	None Detected
5116-051117-KS-011-B2	Flush sample; Sink with bubbler in Rm 1215; Sampled bubbler	5/11/17 5:27 AM	None Detected
5116-051117-KS-012-A	Initial Draw sample; Sink with bubbler in Rm 1010; Sampled bubbler	5/11/17 5:26 AM	None Detected
5116-051117-KS-012-B	Flush sample; Sink with bubbler in Rm 1010; Sampled bubbler	5/11/17 5:27 AM	None Detected
5116-051117-KS-012-A2	Initial Draw sample; Sink with bubbler in Rm 1010; Sampled faucet	5/11/17 5:28 AM	None Detected
5116-051117-KS-012-B2	Flush sample; Sink with bubbler in Rm 1010; Sampled faucet	5/11/17 5:29 AM	None Detected
5116-051117-KS-013-A	Initial Draw sample; Sink with bubbler in Rm 2111; Sampled faucet	5/11/17 6:08 AM	None Detected

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

Barack Obama Elementary School

3132 Clifton Church Road, Atlanta, GA 30316



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
5116-051117-KS-013-B	Flush sample; Sink with bubbler in Rm 2111; Sampled faucet	5/11/17 6:09 AM	None Detected
5116-051117-KS-014-A	Initial Draw sample; Sink with bubbler in Rm 2105; Sampled faucet	5/11/17 6:05 AM	None Detected
5116-051117-KS-014-B	Flush sample; Sink with bubbler in Rm 2105; Sampled faucet	5/11/17 6:06 AM	None Detected
5116-051117-KS-015-A	Initial Draw sample; Sink with bubbler in Rm 1008; Sampled bubbler	5/11/17 6:10 AM	1.84
5116-051117-KS-015-B	Flush sample; Sink with bubbler in Rm 1008; Sampled bubbler	5/11/17 6:11 AM	None Detected
5116-051117-KS-015-A2	Initial Draw sample; Sink with bubbler in Rm 1008; Sampled faucet	5/11/17 6:12 AM	**
5116-051117-KS-015-B2	Flush sample; Sink with bubbler in Rm 1008; Sampled faucet	5/11/17 6:13 AM	**
5116-062017-KS-015-A2	Initial Draw sample; Retest Sink with bubbler in Rm 1008; Sampled faucet	6/20/17 6:35 AM	4.09
5116-062017-KS-015-B2	Flush sample; Retest Sink with bubbler in Rm 1008; Sampled faucet	6/20/17 6:36 AM	None Detected
5116-051117-RS-001-A	Initial Draw sample; Sink closest to entrance of Girls RR Rm 3103	5/11/17 6:06 AM	None Detected
5116-051117-RS-001-B	Flush sample; Sink closest to entrance of Girls RR Rm 3103	5/11/17 6:07 AM	None Detected
5116-051117-RS-002-A	Initial Draw sample; Sink on left in Girls RR Rm 2113	5/11/17 5:34 AM	None Detected
5116-051117-RS-002-B	Flush sample; Sink on left in Girls RR Rm 2113	5/11/17 5:35 AM	None Detected
5116-051117-RS-003-A	Initial Draw sample; Far right sink in Girls RR Rm 1103	5/11/17 5:18 AM	None Detected
5116-051117-RS-003-B	Flush sample; Far right sink in Girls RR Rm 1103	5/11/17 5:19 AM	None Detected
5116-051117-TL-001-A	Initial Draw sample; Sampled faucet in Teachers Lounge Rm 1005	5/11/17 5:30 AM	None Detected
5116-051117-TL-001-B	Flush sample; Sampled faucet in Teachers Lounge Rm 1005	5/11/17 5:31 AM	None Detected
5116-051117-CS-001-A	Initial Draw sample; Only food prep sink in Kitchen	5/11/17 5:04 AM	None Detected
5116-051117-CS-001-B	Flush sample; Only food prep sink in Kitchen	5/11/17 5:05 AM	None Detected
5116-051117-IM-001-A	Scotsman IM in Kitchen	5/11/17 5:01 AM	None Detected
5116-051117-OT-001-A	Initial Draw sample; Only sink in Teacher Work Room/Rm 1001.3	5/11/17 5:47 AM	1.42
5116-051117-OT-001-B	Flush sample; Only sink in Teacher Work Room/Rm 1001.3	5/11/17 5:48 AM	None Detected

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Barack Obama Elementary School

3132 Clifton Church Road, Atlanta, GA 30316



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
5116-051117-OT-002-A	Initial Draw sample; Only sink in Clinic/Rm 1405	5/11/17 5:40 AM	None Detected
5116-051117-OT-002-B	Flush sample; Only sink in Clinic/Rm 1405	5/11/17 5:41 AM	None Detected
5116-051117-SC-001-A	Service Connection Entry into Building	5/11/17 4:56 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

**Inconclusive Sample Result; Resampling conducted on 6/20/17