



May 8, 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
Freedom Middle School (Facility ID #0201)
505 S. Hairston Road, Stone Mountain, Georgia 30088
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 Freedom Middle School (Facility ID #0201). Samples were collected on April 21, 2017, and analytical results were received from Analytical Environmental Services, Inc., on May 5, 2017.

FINDINGS

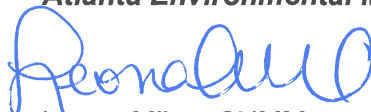
AEM collected 76 drinking water samples from 38 sources at Freedom Middle School (Facility ID #0201), including two duplicate samples. A description of the drinking water outlets sampled and a summary of sample analytical results are provided in the attached table.

Three 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. These sources are 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

Freedom Middle School

505 South Hairston Road, Stone Mountain, GA 30088



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0201-042117-DF-001-A	Initial Draw Sample; Single Elkay Drinking Fountain in the Gym to the Right of Gym Entrance and next to Girl's Locker Rm	04/21/17 5:46 AM	None Detected
0201-042117-DF-001-B	Flush Sample; Single Elkay Drinking Fountain in the Gym to the Right of Gym Entrance and next to Girl's Locker Rm	04/21/17 5:48 AM	None Detected
0201-042117-DF-002-A	Initial Draw Sample; Lower Right Elkay Drinking Fountain in Girl's Locker Rm	04/21/17 5:37 AM	None Detected
0201-042117-DF-002-B	Flush Sample; Lower Right Elkay Drinking Fountain in Girl's Locker Rm	04/21/17 5:38 AM	None Detected
0201-042117-DF-003-A	Initial Draw Sample; Upper Left Elkay Drinking Fountain in Girl's Locker Rm	04/21/17 5:40 AM	None Detected
0201-042117-DF-003-B	Flush Sample; Upper Left Elkay Drinking Fountain in Girl's Locker Rm	04/21/17 5:41 AM	None Detected
0201-042117-DF-004-A	Initial Draw Sample; Single Elkay Drinking Fountain in Gym to the Left of Boy's Locker Rm	04/21/17 5:31 AM	None Detected
0201-042117-DF-004-B	Flush Sample; Single Elkay Drinking Fountain in Gym to the Left of Boy's Locker Rm	04/21/17 5:32 AM	None Detected
0201-042117-DF-005-A	Initial Draw Sample; Upper Left Elkay Drinking Fountain in Boy's Locker Rm	04/21/17 5:25 AM	None Detected
0201-042117-DF-005-B	Flush Sample; Upper Left Elkay Drinking Fountain in Boy's Locker Rm	04/21/17 5:26 AM	None Detected
0201-042117-DF-006-A	Initial Draw Sample; Lower Right Elkay Drinking Fountain in Boy's Locker Rm	04/21/17 5:23 AM	None Detected
0201-042117-DF-006-B	Flush Sample; Lower Right Elkay Drinking Fountain in Boy's Locker Rm	04/21/17 5:24 AM	None Detected
0201-042117-DF-009-A	Initial Draw Sample; Single Elkay Drinking Fountain next to Scotsman Ice Machine in Kitchen Rm 410	04/21/17 5:00 AM	1.52
0201-042117-DF-009-B	Flush Sample; Single Elkay Drinking Fountain next to Scotsman Ice Machine in Kitchen Rm 410	04/21/17 5:01 AM	1.20
0201-042117-DF-010-A	Initial Draw Sample; Upper Left Elkay Drinking Fountain in Cafeteria by Entrance; Wall-mounted	04/21/17 5:05 AM	None Detected
0201-042117-DF-010-B	Flush Sample; Upper Left Elkay Drinking Fountain in Cafeteria by Entrance; Wall-mounted	04/21/17 5:06 AM	None Detected
0201-042117-DF-011-A	Initial Draw Sample; Lower Right Elkay Drinking Fountain in Cafeteria by Entrance; Wall-mounted	04/21/17 5:07 AM	None Detected
0201-042117-DF-011-B	Flush Sample; Lower Right Elkay Drinking Fountain in Cafeteria by Entrance; Wall-mounted	04/21/17 5:08 AM	None Detected

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Freedom Middle School

505 South Hairston Road, Stone Mountain, GA 30088



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0201-042117-DF-012-A	Initial Draw Sample; Upper Left Elkay Drinking Fountain in Hallway near Main Entrance and Storage Rm 103; Wall-mounted	04/21/17 5:41 AM	None Detected
0201-042117-DF-012-B	Flush Sample; Upper Left Elkay Drinking Fountain in Hallway near Main Entrance and Storage Rm 103; Wall-mounted	04/21/17 5:42 AM	None Detected
0201-042117-DF-013-A	Initial Draw Sample; Lower Right Elkay Drinking Fountain in Hallway near Main Entrance and Storage Rm 103; Wall-mounted	04/21/17 5:43 AM	None Detected
0201-042117-DF-013-B	Flush Sample; Lower Right Elkay Drinking Fountain in Hallway near Main Entrance and Storage Rm 103; Wall-mounted	04/21/17 5:44 AM	None Detected
0201-042117-DF-014-A	Initial Draw Sample; Upper Left Acorn Drinking Fountain in Hallway across from Rm 607; Wall-mounted	04/21/17 5:00 AM	None Detected
0201-042117-DF-014-B	Flush Sample; Upper Left Acorn Drinking Fountain in Hallway across from Rm 607; Wall-mounted	04/21/17 5:01 AM	None Detected
0201-042117-DF-015-A	Initial Draw Sample; Lower Right Acorn Drinking Fountain in Hallway across from Rm 607; Wall-mounted	04/21/17 5:02 AM	None Detected
0201-042117-DF-015-B	Flush Sample; Lower Right Acorn Drinking Fountain in Hallway across from Rm 607; Wall-mounted	04/21/17 5:03 AM	None Detected
0201-042117-DF-016-A	Initial Draw Sample; Upper Left Elkay Drinking Fountain in Hallway across from Rm 710; Wall-mounted	04/21/17 5:19 AM	None Detected
0201-042117-DF-016-B	Flush Sample; Upper Left Elkay Drinking Fountain in Hallway across from Rm 710; Wall-mounted	04/21/17 5:20 AM	None Detected
0201-042117-DF-017-A	Initial Draw Sample; Lower Right Elkay Drinking Fountain in Hallway to Left of Boy's RR near Rm 907; Wall-mounted	04/21/17 5:16 AM	None Detected
0201-042117-DF-017-B	Flush Sample; Lower Right Elkay Drinking Fountain in Hallway to Left of Boy's RR near Rm 907; Wall-mounted	04/21/17 5:17 AM	None Detected
0201-042117-DF-018-A	Initial Draw Sample; Upper Left Elkay Drinking Fountain in Hallway to Left of Boy's RR near Rm 907; Wall-mounted	04/21/17 5:18 AM	None Detected
0201-042117-DF-018-B	Flush Sample; Upper Left Elkay Drinking Fountain in Hallway to Left of Boy's RR near Rm 907; Wall-mounted	04/21/17 5:19 AM	None Detected
0201-042117-DF-019-A	Initial Draw Sample; Lower Right Elkay Drinking Fountain in Hallway to Right of Boy's RR near Rm 917; Wall-mounted	04/21/17 5:35 AM	None Detected
0201-042117-DF-019-B	Flush Sample; Lower Right Elkay Drinking Fountain in Hallway to Right of Boy's RR near Rm 917; Wall-mounted	04/21/17 5:36 AM	None Detected

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

Freedom Middle School

505 South Hairston Road, Stone Mountain, GA 30088



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0201-042117-DF-020-A	Initial Draw Sample; Upper Left Elkay Drinking Fountain in Hallway to Right of Boy's RR near Rm 917; Wall-mounted	04/21/17 5:37 AM	None Detected
0201-042117-DF-020-B	Flush Sample; Upper Left Elkay Drinking Fountain in Hallway to Right of Boy's RR near Rm 917; Wall-mounted	04/21/17 5:38 AM	None Detected
0201-042117-DF-021-A	Initial Draw Sample; Lower Right Elkay Drinking Fountain in Hallway to Left of Girl's RR near Rm 913; Wall-mounted	04/21/17 5:55 AM	98.1
0201-042117-DF-021-B	Flush Sample; Lower Right Elkay Drinking Fountain in Hallway to Left of Girl's RR near Rm 913; Wall-mounted	04/21/17 5:56 AM	32.0
0201-042117-DF-022-A	Initial Draw Sample; Upper Left Elkay Drinking Fountain in Hallway to Left of Girl's RR near Rm 913; Wall-mounted	04/21/17 5:57 AM	177
0201-042117-DF-022-B	Flush Sample; Upper Left Elkay Drinking Fountain in Hallway to Left of Girl's RR near Rm 913; Wall-mounted	04/21/17 5:58 AM	58.0
0201-042117-DF-023-A	Initial Draw Sample; Single Elkay Drinking Fountain in Hallway across from 201J; Wall-mounted	04/21/17 5:32 AM	None Detected
0201-042117-DF-023-B	Flush Sample; Single Elkay Drinking Fountain in Hallway across from 201J; Wall-mounted	04/21/17 5:33 AM	None Detected
0201-042117-DF-024-A	Initial Draw Sample; Single Elkay Drinking Fountain in Hallway across from Rm 810; Wall-mounted	04/21/17 5:45 AM	None Detected
0201-042117-DF-024-B	Flush Sample; Single Elkay Drinking Fountain in Hallway across from Rm 810; Wall-mounted	04/21/17 5:46 AM	None Detected
0201-042117-DF-025-A	Initial Draw Sample; Lower Right Elkay Drinking Fountain in Hallway across from Rm 710; Wall-mounted	04/21/17 5:21 AM	None Detected
0201-042117-DF-025-B	Flush Sample; Lower Right Elkay Drinking Fountain in Hallway across from Rm 710; Wall-mounted	04/21/17 5:22 AM	None Detected
0201-042117-CS-001-A	Initial Draw Sample; Food Prep Sink at back of Kitchen Rm 410	04/21/17 4:53 AM	None Detected
0201-042117-CS-001-B	Flush Sample; Food Prep Sink at back of Kitchen Rm 410	04/21/17 4:54 AM	None Detected
0201-042117-CS-002-A	Initial Draw Sample; Sink on Middle Island in Rm 402	04/21/17 5:09 AM	6.32
0201-042117-CS-002-B	Flush Sample; Sink on Middle Island in Rm 402	04/21/17 5:10 AM	1.76
0201-042117-CS-003-A	Initial Draw Sample; Sink to the Left of Washer/Dryer in Rm 402	04/21/17 5:06 AM	None Detected
0201-042117-CS-003-B	Flush Sample; Sink to the Left of Washer/Dryer in Rm 402	04/21/17 5:07 AM	None Detected
0201-042117-CS-004-A	Initial Draw Sample; Sink to the Right of Refrigerator in Rm 402	04/21/17 5:03 AM	None Detected
0201-042117-CS-004-B	Flush Sample; Sink to the Right of Refrigerator in Rm 402	04/21/17 5:04 AM	None Detected

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Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0201-042117-CS-005-A	Initial Draw Sample; Sink to the Right of Cabinet Labeled "4" and Left of Refrigerator in Rm 402	04/21/17 5:01 AM	None Detected
0201-042117-CS-005-B	Flush Sample; Sink to the Right of Cabinet Labeled "4" and Left of Refrigerator in Rm 402	04/21/17 5:02 AM	None Detected
0201-042117-CS-006-A	Initial Draw Sample; Sink near Cabinet Labeled "1" in Rm 402	04/21/17 4:58 AM	None Detected
0201-042117-CS-006-B	Flush Sample; Sink near Cabinet Labeled "1" in Rm 402	04/21/17 4:59 AM	None Detected
0201-042117-RS-001-A	Initial Draw Sample; Middle Sink in Girl's RR across from Rm 812	04/21/17 5:42 AM	None Detected
0201-042117-RS-001-B	Flush Sample; Middle Sink in Girl's RR across from Rm 812	04/21/17 5:43 AM	None Detected
0201-042117-RS-002-A	Initial Draw Sample; Middle Sink in Girl's RR across from Rm 609	04/21/17 5:06 AM	None Detected
0201-042117-RS-002-B	Flush Sample; Middle Sink in Girl's RR across from Rm 609	04/21/17 5:07 AM	None Detected
0201-042117-OT-001-A	Initial Draw Sample; Sink on Island in Rm 907	04/21/17 5:59 AM	309
0201-042117-OT-001-B	Flush Sample; Sink on Island in Rm 907	04/21/17 6:00 AM	1.78
0201-042117-OT-002-A	Initial Draw Sample; Food Prep Sink to the Left of Microwave in Concession Rm 505	04/21/17 5:16 AM	None Detected
0201-042117-OT-002-B	Flush Sample; Food Prep Sink to the Left of Microwave in Concession Rm 505	04/21/17 5:17 AM	None Detected
0201-042117-OT-004-A	Initial Draw Sample; Sink by Cafeteria Entrance near Microwave	04/21/17 5:09 AM	None Detected
0201-042117-OT-004-B	Flush Sample; Sink by Cafeteria Entrance near Microwave	04/21/17 5:10 AM	None Detected
0201-042117-TL-001-A	Initial Draw Sample; Sink on Back Wall in Teacher's Lounge Rm 201A	04/21/17 5:27 AM	None Detected
0201-042117-TL-001-B	Flush Sample; Sink on Back Wall in Teacher's Lounge Rm 201A	04/21/17 5:28 AM	None Detected
0201-042117-TL-002-A	Initial Draw Sample; Sink in Media Center Teacher's Lounge	04/21/17 5:37 AM	9.07
0201-042117-TL-002-B	Flush Sample; Sink in Media Center Teacher's Lounge	04/21/17 5:38 AM	None Detected
0201-042117-IM-002-A	Initial Draw Sample; Scotsman Ice Machine in Concession Stand Rm 505; Used for Cafeteria	04/21/17 5:14 AM	None Detected
0201-042117-SC-001-A	Main Service Connection Entry into Building	04/21/17 4:48 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