



May 11, 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
Redan Middle School (Facility ID #0205)
1775 Young Road, Lithonia, Georgia 30058
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 Redan Middle School (Facility ID #0205). Samples were collected on April 26, 2017. Laboratory analytical results were received from Analytical Environmental Services, Inc., on May 10, 2017.

FINDINGS

AEM collected 73 drinking water samples from 37 sources at Redan Middle School (Facility ID #0205), 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

Redan Middle School
 1775 Young Road, Lithonia, GA 30058



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0205-042617-DF-001-A	Initial Draw Sample; Upper Left Halsey Taylor Drinking Fountain in Locker Rm G10; Wall-mounted	04/26/17 5:51 AM	None Detected
0205-042617-DF-001-B	Flush Sample; Upper Left Halsey Taylor Drinking Fountain in Locker Rm G10; Wall-mounted	04/26/17 5:52 AM	None Detected
0205-042617-DF-002-A	Initial Draw Sample; Lower Right Halsey Taylor Drinking Fountain in Locker Rm G10; Wall-mounted	04/26/17 5:53 AM	None Detected
0205-042617-DF-002-B	Flush Sample; Lower Right Halsey Taylor Drinking Fountain in Locker Rm G10; Wall-mounted	04/26/17 5:54 AM	None Detected
0205-042617-DF-003-A	Initial Draw Sample; Lower Right Halsey Taylor Drinking Fountain to the Left of Rm G4 in Gym; Wall-mounted	04/26/17 5:45 AM	None Detected
0205-042617-DF-003-B	Flush Sample; Lower Right Halsey Taylor Drinking Fountain to the Left of Rm G4 in Gym; Wall-mounted	04/26/17 5:46 AM	None Detected
0205-042617-DF-004-A	Initial Draw Sample; Upper Left Halsey Taylor Drinking Fountain to the Left of Rm G4 in Gym; Wall-mounted	04/26/17 5:47 AM	None Detected
0205-042617-DF-004-B	Flush Sample; Upper Left Halsey Taylor Drinking Fountain to the Left of Rm G4 in Gym; Wall-mounted	04/26/17 5:48 AM	None Detected
0205-042617-DF-005-A	Initial Draw Sample; Single Elkay Drinking Fountain in Boy's Locker Rm	04/26/17 5:44 AM	None Detected
0205-042617-DF-005-B	Flush Sample; Single Elkay Drinking Fountain in Boy's Locker Rm	04/26/17 5:46 AM	None Detected
0205-042617-DF-006-A	Initial Draw Sample; Upper Left Elkay Drinking Fountain in Gym next to G3; Wall-mounted	04/26/17 5:44 AM	None Detected
0205-042617-DF-006-B	Flush Sample; Upper Left Elkay Drinking Fountain in Gym next to G3; Wall-mounted	04/26/17 5:45 AM	None Detected
0205-042617-DF-007-A	Initial Draw Sample; Lower Right Elkay Drinking Fountain in Hallway Outside Rm 408; Wall-mounted	04/26/17 5:21 AM	None Detected
0205-042617-DF-007-B	Flush Sample; Lower Right Elkay Drinking Fountain in Hallway Outside Rm 408; Wall-mounted	04/26/17 5:22 AM	None Detected
0205-042617-DF-008-A	Initial Draw Sample; Upper Left Elkay Drinking Fountain in Hallway Outside Rm 408; Wall-mounted	04/26/17 5:23 AM	None Detected
0205-042617-DF-008-B	Flush Sample; Upper Left Elkay Drinking Fountain in Hallway Outside Rm 408; Wall-mounted	04/26/17 5:24 AM	None Detected
0205-042617-DF-009-A	Initial Draw Sample; Single Elkay Drinking Fountain in Kitchen; Wall-mounted	04/26/17 4:59 AM	None Detected
0205-042617-DF-009-B	Flush Sample; Single Elkay Drinking Fountain in Kitchen; Wall-mounted	04/26/17 5:00 AM	None Detected

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

Redan Middle School

1775 Young Road, Lithonia, GA 30058



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0205-042617-DF-010-A	Initial Draw Sample; Upper Left Halsey Taylor Drinking Fountain on back wall of Cafeteria; Wall-mounted	04/26/17 5:07 AM	None Detected
0205-042617-DF-010-B	Flush Sample; Upper Left Halsey Taylor Drinking Fountain on back wall of Cafeteria; Wall-mounted	04/26/17 5:08 AM	None Detected
0205-042617-DF-011-A	Initial Draw Sample; Lower Right Halsey Taylor Drinking Fountain on back wall of Cafeteria; Wall-mounted	04/26/17 5:09 AM	None Detected
0205-042617-DF-011-B	Flush Sample; Lower Right Halsey Taylor Drinking Fountain on back wall of Cafeteria; Wall-mounted	04/26/17 5:10 AM	None Detected
0205-042617-DF-012-A	Initial Draw Sample; Lower Right Halsey Taylor Drinking Fountain in Hallway just Outside of Cafeteria Entrance; Wall-mounted	04/26/17 5:14 AM	None Detected
0205-042617-DF-012-B	Flush Sample; Lower Right Halsey Taylor Drinking Fountain in Hallway just Outside of Cafeteria Entrance; Wall-mounted	04/26/17 5:15 AM	None Detected
0205-042617-DF-013-A	Initial Draw Sample; Upper Left Halsey Taylor Drinking Fountain in Hallway just Outside of Cafeteria Entrance; Wall-mounted	04/26/17 5:16 AM	None Detected
0205-042617-DF-013-B	Flush Sample; Upper Left Halsey Taylor Drinking Fountain in Hallway just Outside of Cafeteria Entrance; Wall-mounted	04/26/17 5:17 AM	None Detected
0205-042617-DF-014-A	Initial Draw Sample; Single Halsey Taylor Drinking Fountain in Admin. Hall to left of Rm 2011; Wall-mounted	04/26/17 5:33 AM	None Detected
0205-042617-DF-014-B	Flush Sample; Single Halsey Taylor Drinking Fountain in Admin. Hall to left of Rm 2011; Wall-mounted	04/26/17 5:34 AM	None Detected
0205-042617-DF-015-A	Initial Draw Sample; Upper Left Halsey Taylor Drinking Fountain in Hallway at Front Entrance	04/26/17 5:33 AM	None Detected
0205-042617-DF-015-B	Flush Sample; Upper Left Halsey Taylor Drinking Fountain in Hallway at Front Entrance	04/26/17 5:34 AM	None Detected
0205-042617-DF-016-A	Initial Draw Sample; Lower Right Halsey Taylor Drinking Fountain in Hallway at Front Entrance	04/26/17 5:35 AM	None Detected
0205-042617-DF-016-B	Flush Sample; Lower Right Halsey Taylor Drinking Fountain in Hallway at Front Entrance	04/26/17 5:36 AM	None Detected
0205-042617-DF-017-A	Initial Draw Sample; Upper Left Halsey Taylor in Hallway near Rm 807	04/26/17 5:27 AM	None Detected
0205-042617-DF-017-B	Flush Sample; Upper Left Halsey Taylor in Hallway near Rm 807	04/26/17 5:28 AM	None Detected
0205-042617-DF-018-A	Initial Draw Sample; Lower Right Halsey Taylor in Hallway near Rm 807	04/26/17 5:29 AM	None Detected
0205-042617-DF-018-B	Flush Sample; Lower Right Halsey Taylor in Hallway near Rm 807	04/26/17 5:30 AM	None Detected

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

Redan Middle School
1775 Young Road, Lithonia, GA 30058



Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0205-042617-DF-019-A	Initial Draw Sample; Single Elkay Drinking Fountain in Hallway near Rm 905; Wall-mounted	04/26/17 5:17 AM	None Detected
0205-042617-DF-019-B	Flush Sample; Single Elkay Drinking Fountain in Hallway near Rm 905; Wall-mounted	04/26/17 5:18 AM	None Detected
0205-042617-DF-020-A	Initial Draw Sample; Single Elkay Drinking Fountain in Hallway near Rm 710; Wall-mounted	04/26/17 5:22 AM	None Detected
0205-042617-DF-020-B	Flush Sample; Single Elkay Drinking Fountain in Hallway near Rm 710; Wall-mounted	04/26/17 5:23 AM	None Detected
0205-042617-DF-021-A	Initial Draw Sample; Upper Left Halsey Taylor Drinking Fountain in Hallway near Rm 913	04/26/17 5:12 AM	None Detected
0205-042617-DF-021-B	Flush Sample; Upper Left Halsey Taylor Drinking Fountain in Hallway near Rm 913	04/26/17 5:13 AM	None Detected
0205-042617-DF-022-A	Initial Draw Sample; Lower Right Halsey Taylor Drinking Fountain in Hallway near Rm 913	04/26/17 5:14 AM	None Detected
0205-042617-DF-022-B	Flush Sample; Lower Right Halsey Taylor Drinking Fountain in Hallway near Rm 913	04/26/17 5:15 AM	None Detected
0205-042617-DF-023-A	Initial Draw Sample; Single Elkay Drinking Fountain in Hallway near Rm 610; Wall-mounted	04/26/17 4:57 AM	None Detected
0205-042617-DF-023-B	Flush Sample; Single Elkay Drinking Fountain in Hallway near Rm 610; Wall-mounted	04/26/17 4:58 AM	None Detected
0205-042617-DF-024-A	Initial Draw Sample; Single Halsey Taylor Drinking Fountain in Hallway near Rm 917; Wall-mounted	04/26/17 5:06 AM	None Detected
0205-042617-DF-024-B	Flush Sample; Single Halsey Taylor Drinking Fountain in Hallway near Rm 917; Wall-mounted	04/26/17 5:07 AM	None Detected
0205-042617-DF-026-A	Initial Draw Sample; Lower Right Elkay Drinking Fountain in Gym next to G3; Wall-mounted	04/26/17 5:46 AM	None Detected
0205-042617-DF-026-B	Flush Sample; Lower Right Elkay Drinking Fountain in Gym next to G3; Wall-mounted	04/26/17 5:47 AM	None Detected
0205-042617-CS-001-A	Initial Draw Sample; Food Prep Sink in Kitchen; Dripping on Arrival	04/26/17 4:55 AM	None Detected
0205-042617-CS-001-B	Flush Sample; Food Prep Sink in Kitchen; Dripping on Arrival	04/26/17 4:56 AM	None Detected
0205-042617-CS-002-A	Initial Draw Sample; Sink Closest to Entrance to Right of Island in Rm 402	04/26/17 5:26 AM	2.02
0205-042617-CS-002-B	Flush Sample; Sink Closest to Entrance to Right of Island in Rm 402	04/26/17 5:27 AM	None Detected
0205-042617-CS-003-A	Initial Draw Sample; Sink on Left Wall to the Left of the Refrigerator in Rm 402	04/26/17 5:28 AM	2.36
0205-042617-CS-003-B	Flush Sample; Sink on Left Wall to the Left of the Refrigerator in Rm 402	04/26/17 5:29 AM	None Detected

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Sample ID*	Sample Location Description	Sample Date & Time	Lead Test Results (ppb)
0205-042617-CS-004-A	Initial Draw Sample; Sink in Back Left Corner to the Right of the Refrigerator in Rm 402	04/26/17 5:30 AM	4.14
0205-042617-CS-004-B	Flush Sample; Sink in Back Left Corner to the Right of the Refrigerator in Rm 402	04/26/17 5:31 AM	None Detected
0205-042617-CS-005-A	Initial Draw Sample; Sink in Back Right Corner next to Washer and Dryer; Sink was taped up and not in use in Rm 402	04/26/17 5:32 AM	6.33
0205-042617-CS-005-B	Flush Sample; Sink in Back Right Corner next to Washer and Dryer; Sink was taped up and not in use in Rm 402	04/26/17 5:33 AM	None Detected
0205-042617-CS-006-A	Initial Draw Sample; Sink on Island in Middle of Rm 402	04/26/17 5:34 AM	1.44
0205-042617-CS-006-B	Flush Sample; Sink on Island in Middle of Rm 402	04/26/17 5:35 AM	None Detected
0205-042617-RS-001-A	Initial Draw Sample; Far Left Sink in Girl's RR near Rm 613	04/26/17 5:00 AM	None Detected
0205-042617-RS-001-B	Flush Sample; Far Left Sink in Girl's RR near Rm 613	04/26/17 5:01 AM	None Detected
0205-042617-OT-001-A	Initial Draw Sample; Sink on Back Wall in Cafeteria Left of DF-010	04/26/17 5:04 AM	None Detected
0205-042617-OT-001-B	Flush Sample; Sink on Back Wall in Cafeteria Left of DF-010	04/26/17 5:05 AM	None Detected
0205-042617-TL-001-A	Initial Draw Sample; Sink in Conference Rm 201K	04/26/17 5:29 AM	None Detected
0205-042617-TL-001-B	Flush Sample; Sink in Conference Rm 201K	04/26/17 5:30 AM	None Detected
0205-042617-IM-001-A	Initial Draw Sample; Scotsman Ice Machine in Kitchen	04/26/17 4:51 AM	None Detected
0205-042617-IM-002-A	Initial Draw Sample; Scotsman Ice Machine in Concession	04/26/17 5:40 AM	None Detected
0205-042617-SC-001-A	Service Connection Entry into Building	04/26/17 4:46 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