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May 24, 2017

Dear School Parents, Guardians and Staff,

Our school system is committed to protecting student, teacher, and staff health. To protect our community and be in compliance with the Department of Education regulations, East Mountain School (Carrier Clinic), tested our school's drinking water for lead. The results from our water samples were received May 23, 2017.

In accordance with the Department of Education regulations, East Mountain School (Carrier Clinic) will implement immediate remedial measures for any drinking water outlet with a result greater than the action level of 15 $\mu\text{g/l}$ (parts per billion [ppb]).

Results of our Testing

Following instructions given in technical guidance developed by the New Jersey Department of Environmental Protection, we completed a plumbing profile for each of the buildings within East Mountain School (Carrier Clinic). Through this effort, we identified and tested all drinking water and food preparation outlets. **Of the samples taken at East Mountain School (Carrier Clinic), none tested above the lead action level established by the US Environmental Protection Agency for lead in drinking water (15 $\mu\text{g/l}$ [ppb]).**

Health Effects of Lead

High levels of lead in drinking water can cause health problems. Lead is most dangerous for pregnant women, infants, and children under 6 years of age. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. Exposure to high levels of lead during pregnancy contributes to low birth weight and developmental delays in infants. In young children, lead exposure can lower IQ levels, affect hearing, reduce attention span, and hurt school performance. At *very* high levels, lead can even cause brain damage. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

How Lead Enters our Water

Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like groundwater, rivers and lakes. Lead enters drinking water primarily as a result of the corrosion, or wearing away, of materials containing lead in the water distribution system and



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ANALYTICAL RESULTS

STANDARD DELIVERABLES FORMAT

APL WORK ORDER NUMBER: 7050219

Paulus, Sokolowski and Sartor

Project: EAST MOUNTAIN SCHOOL

Brian Wood
Laboratory Director

All Results meet the requirements of the National Environmental Laboratory Accreditation Conference and/or State specific certifications as applicable.



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Analytical Results Summary EAST MOUNTAIN SCHOOL

Client: Paulus, Sokolowski and Sartor
APL Order ID: 7050219

Contact: Kristi Sorrentino
Received: 05/04/17 16:00

Sample ID/Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
7050219-01 (Drinking Water)		G1 HALL		Collected:	05/04/17 06:30			
Total Metals								
Lead	EPA 200.8	05/12/17 12:24	05/12/17 12:24	ND			0.00200	mg/L
7050219-02 (Drinking Water)		G2 LOUNGE		Collected:	05/04/17 06:31			
Total Metals								
Lead	EPA 200.8	05/12/17 12:29	05/12/17 12:29	0.00279			0.00200	mg/L
7050219-03 (Drinking Water)		G3 OFFICE		Collected:	05/04/17 06:34			
Total Metals								
Lead	EPA 200.8	05/12/17 12:34	05/12/17 12:34	0.00202			0.00200	mg/L
7050219-04 (Drinking Water)		K1 PREP		Collected:	05/04/17 06:11			
Total Metals								
Lead	EPA 200.8	05/12/17 12:39	05/12/17 12:39	ND			0.00200	mg/L
7050219-05 (Drinking Water)		K2 PREP		Collected:	05/04/17 06:08			
Total Metals								
Lead	EPA 200.8	05/12/17 12:44	05/12/17 12:44	ND			0.00200	mg/L
7050219-06 (Drinking Water)		K3 PREP		Collected:	05/04/17 06:05			
Total Metals								
Lead	EPA 200.8	05/12/17 12:49	05/12/17 12:49	ND			0.00200	mg/L
7050219-07 (Drinking Water)		K4 PREP		Collected:	05/04/17 06:01			
Total Metals								
Lead	EPA 200.8	05/12/17 12:54	05/12/17 12:54	ND			0.00200	mg/L
7050219-08 (Drinking Water)		M1 NURSE		Collected:	05/04/17 06:57			
Total Metals								
Lead	EPA 200.8	05/12/17 12:59	05/12/17 12:59	ND			0.00200	mg/L
7050219-09 (Drinking Water)		M2 LAV		Collected:	05/04/17 07:01			
Total Metals								
Lead	EPA 200.8	05/12/17 13:04	05/12/17 13:04	ND			0.00200	mg/L

FootNotes

RL - Reporting limit
 MDL - Minimum detection limit
 ND - Indicates compound analyzed for but not detected
 J - Indicates estimated value

B - Indicates compound found in associated blank
 E - Concentration exceeds highest calibration standard
 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation



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Analytical Results Summary EAST MOUNTAIN SCHOOL

Client: Paulus, Sokolowski and Sartor
APL Order ID: 7050219

Contact: Kristi Sorrentino
Received: 05/04/17 16:00

Sample ID/Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
7050219-10 (Drinking Water)		M3 HALL		Collected: 05/04/17 06:59				
Total Metals								
Lead	EPA 200.8	05/12/17 13:09	05/12/17 13:09	ND		0.00200		mg/L
7050219-11 (Drinking Water)		SERVICE CONNECTION- MAIN		Collected: 05/04/17 06:55				
Total Metals								
Lead	EPA 200.8	05/12/17 13:40	05/12/17 13:40	0.00407		0.00200		mg/L
7050219-12 (Drinking Water)		SERVICE CONNECTION- KITCHEN		Collected: 05/04/17 06:20				
Total Metals								
Lead	EPA 200.8	05/12/17 13:45	05/12/17 13:45	0.00716		0.00200		mg/L
7050219-13 (Drinking Water)		SERVICE CONNECTION- GARBAGE		Collected: 05/04/17 06:52				
Total Metals								
Lead	EPA 200.8	05/12/17 13:50	05/12/17 13:50	ND		0.00200		mg/L
7050219-14 (Drinking Water)		FIELD BLANK		Collected: 05/04/17 06:00				
Total Metals								
Lead	EPA 200.8	05/12/17 13:55	05/12/17 13:55	ND		0.00200		mg/L

FootNotes

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 MDL - Minimum detection limit
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 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation