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INTRODUCTION

RAMM Environmental Services, Inc. was requested by the Mountainside Board of Education to perform water sampling for lead content in the Beechwood School and Deerfield School located in Mountainside, New Jersey.

Water quality sampling functions were performed by RAMM at the Mountainside Board of Education school buildings, located in Mountainside, New Jersey on April 12, 2017, to determine the quality of drinking water for lead content.

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WATER QUALITY MONITORING RESULTS LEAD IN DRINKING WATER ANALYSIS

Lead in drinking water sampling was performed during RAMM's April 12, 2017 site visit. The (E.P.A.) Environmental Protection Agency has established an enforceable lead concentration action level for public water supplies. The lead action level is 15 micrograms per liter (mg/L) = parts per billion (ppb), which is equivalent to 0.015 milligrams per liter (mg/L) = parts per million (ppm).

Beechwood School

Lead in drinking water measurements were collected in twenty-seven (27) different locations of the building.

<i>Sample #</i>	<i>Location</i>	<i>Lead Concentration</i>
17-0412-01	Kitchen -- Food Prep Sink	5.39 ppb
17-0412-02	Kitchen -- Dish Sink	2.60 ppb
17-0412-03	Faculty Lounge -- Sink	2.36 ppb
17-0412-04	Room 135	None Detected
17-0412-05	Room 134	None Detected
17-0412-06	Room 131	None Detected
17-0412-07	Room 132	None Detected
17-0412-08	Room 133	None Detected
17-0412-09	Room 121	1.33 ppb
17-0412-10	Room 119	None Detected
17-0412-11	Room 108	None Detected
17-0412-12	Room 118	None Detected
17-0412-13	Room 109	None Detected
17-0412-14	Room 117	None Detected
17-0412-15	Room 110	1.10 ppb
17-0412-16	Room 116	1.41 ppb
17-0412-17	Room 111	2.17 ppb
17-0412-18	Hallway by Room 113	None Detected
17-0412-19	Room 113	None Detected
17-0412-20	Room 115	None Detected
17-0412-21	Room 112 -- Sink 01	3.91 ppb
17-0412-22	Room 112 -- Sink 02	1.67 ppb
17-0412-23	Room 112 -- Sink 03	1.56 ppb
17-0412-24	Room 112 -- Sink 04	1.63 ppb

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17-0412-25	Hallway by Gym Left Side	None Detected
17-0412-26	Hallway by Gym Right Side	None Detected
17-0412-27	Nurse Room	2.79 ppb

Deerfield School

Lead in drinking water measurements were collected in twenty-three (23) different locations of the building.

<i>Sample #</i>	<i>Location</i>	<i>Lead Concentration</i>
17-0412-01	Cafeteria -- on the Left	None Detected
17-0412-02	Cafeteria -- on the Right	None Detected
17-0412-03	Kitchen -- Ice Machine	None Detected
17-0412-04	Kitchen -- Dish Sink on Left	1.20 ppb
17-0412-05	Kitchen -- Dish Sink on Right	1.10 ppb
17-0412-06	Room 23 -- Sink 1	None Detected
17-0412-07	Room 23 -- Sink 2	None Detected
17-0412-08	Room 23 -- Sink 3	None Detected
17-0412-09	Room 23 -- Sink 4	None Detected
17-0412-10	Room 23 -- Sink 5	None Detected
17-0412-11	Hallway by the Stage	2.00 ppb
17-0412-12	Gym -- Left Side	None Detected
17-0412-13	Gym -- Right Side	None Detected
17-0412-14	Hallway by Room 21	None Detected
17-0412-15	Hallway by the Bathroom near the Cafeteria	None Detected
17-0412-16	Hallway by the Main Office	1.20 ppb
17-0412-17	Nurse Room	1.30 ppb
17-0412-18	Hallway by Room 10	2.20 ppb
17-0412-19	Teacher's Room	6.21 ppb
17-0412-20	Hallway by Room 17	None Detected
17-0412-21	Hallway by Room 05	None Detected
17-0412-22	Hallway by Room 03	3.94 ppb
17-0412-23	Bathroom Sink Inside Rec Purpose Room	2.19 ppb

All results report less than the United States Environmental Protection Agency (U.S.E.P.A.) Guidelines and the New Jersey Department of Environmental Protection (N.J.D.E.P.) for safe drinking water (15 ppb). Currently the drinking water is safe and poses no health hazard to building occupants.