Regulatory Compliance
245 Albany Avenue
Thornwood, New York 10594
(914) 439-6513

Lead Concentration In Drinking Water

At

Greenburg CSD

Woodlands High School/Middle School
L. F. Jackson Elementary School
Highview Elementary School
Bailey Elementary School
Administration Building
Early Childhood Center
Teacher's Center

RegCom's Project Number: GB.1032.16.IH

Dates of Survey:
March 29, 2016
April 5, 2016
April 7, 2016
April 9, 2016

Field Work performed by:
Ernest Coon, MSc, RPIH, HEM

Report Written By:
Ernest Coon, MSc, RPIH, HEM

Regulatory Compliance
748 Albany Avenue
Tuckahoe, New York 10707
(914) 439-6513

Lead Concentration in Drinking Water

At

Greenburg CSD

Woodlands High School
F. Jackson Elementary School
Hughes Elementary School
Bailey Elementary School
Administration Building
Early Childhood Center
Custodian's Center

RegCom's Project Number 6JL1702A.16.01

Date of Survey:
March 28, 2016
April 5, 2016
April 7, 2016
April 9, 2016

Field Work performed by
Ernest Coon, MSc. RPIH, HEM

Report Written By:
Ernest Coon, MSc. RPIH, HEM

ABSTRACT

The Greenburg CSD retained Regulatory Compliance to test the water fountains/sinks, in selected areas identified by the district, for lead content. The overall objective is to determine the lead content in drinking water in the districts buildings. The District has three (3) elementary schools, one (1) high school/middle school, one (1) Early Childhood Center, one (1) Teacher's Center and one (1) administration building.

A total of 211 samples were collected (including blanks) and analyzed for lead content.

The water fountains /sinks that were tested are in compliance with the NDWS, with the exception of several sinks and two water fountains listed in the Results Section

Several remediation options are offered at the end of the report. They included setting up a daily "flushing" schedule, installing water filters or removal of water fountain/sinks.

ABSTRACT

The Greenbury CSD retained Regulation Compliance to test the water fountains/sinks in selected areas identified by the district for lead content. The overall objective is to determine the lead content in drinking water in the district's buildings. The District has three (3) elementary schools, one (1) high school/middle school, one (1) Early Childhood Center, one (1) Teacher's Center and one (1) administration building.

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1.0 INTRODUCTION

The Greenburg CSD retained Regulatory Compliance to test the water fountains/sinks, in selected areas identified by the district, for lead content. The overall objective is to determine the lead content in drinking water in the districts buildings. The District has three (3) elementary schools, one (1) high school/middle school, one (1) Early Childhood Center, one (1) Teacher's Center and one (1) administration building.

Lead is a toxic metal that can be harmful when ingested (or inhaled), and young children are particularly sensitive to the effects of lead. Lead can get into drinking water by being present in the source water, or by interaction of the water with plumbing materials containing lead (through corrosion). Common sources of lead in drinking water include: solder, fluxes, pipes and pipe-fittings, fixtures, and sediments. Thus, it is possible that different water outlets in a given building could have dissimilar concentrations of lead.

Lead in drinking water is regulated under the Safe Drinking Water Act (1974) as amended. The Lead Contamination Control Act (LCCA) amended the Safe Drinking Water Act and is aimed at identifying and reducing lead in drinking water in schools (and day care facilities). In April 1994, EPA prepared two guidance documents to assist municipalities in meeting the requirements of the LCCA.

Prior to the day of sampling, the custodians were responsible for having the outlets flushed and for assuring that water is not drawn from any water outlet overnight prior to sampling, this includes sprinkler systems.

2.0 SAMPLING METHODOLOGY

Samples were collected in accordance with the EPA testing protocols: *Lead in drinking Water in Schools and Non-residential Buildings*, EPA/812-b-94-002, April 1994. Sample analysis was of lead was completed by EPA method 200.9. The initial draw was collected after allowing the water to stand in the fountain/faucet for a minimum of 6 hours and the second draw was captured following a 30-second flush.

3.0 RESULTS

Table 1.0 Locations that are above the lead action level of 0.015 mg/L:

	Sample ID #	Location L. F. Jackson	1st Draw (mg/L)	2nd Draw (mg/L)	Comments
1	1	Kitchen Sink #1	01.979	0.823	Counting form left to right
2	2	Kitchen Sink #2	0.016	0.001	Counting form left to right
3	4	Kitchen Sink #4	0.015	0.002	Counting form left to right
4	5	Teachers Lounge WF	0.032	0.012	
5	16	Classroom 106 WF	0.031	0.046	

Table 1.0 Locations that are above the lead action level of 0.015 mg/L (cont.):

	Sample ID #	Location Highview	1st Draw (mg/L)	2nd Draw (mg/L)	Comments
2	3	Kitchen Sink #3	0.007	0.001	Counting form left to right

	Sample ID #	Location ECP	1st Draw (mg/L)	2nd Draw (mg/L)	Comments
1	6	Nurse's Office	0.085	0.061	Sink (ETA Associates Office)

Note: Regulatory limit for lead is 15 ppb or 0.015 mg/L; Regulatory limit for copper is 1300 ppb or 1.3 mg/L; BDL = below detectable limit; ppb = parts per billion; mg/l = milligrams per liter; NO = not operating; AU=Already used; WF = water fountain; L= lower; U=upper; CR=classroom; HW= hallway; BR=bathroom

4.0 OBSERVATIONS AND DISCUSSION

The sampling was completed and the results were compared to the EPA's National Drinking Water Standard (NDWS). The water fountains /sinks that were tested are in compliance with the NDWS, with the exception of the sinks and the water fountains listed in the results section.

Two sinks and one water fountain failed on the second draw. The sink/fountain should be taken out of service (if the water is used for consumption or food preparation) until the sink/fountain can be remediated or additional test indicate that the water quality is compliant with the standard. It is recommended that the sinks/fountain be inspected/cleaned and flushed for a minimum of 30 minutes and retested. If the sink or water fountain fail on the second draw again, further investigation maybe required to determine where the lead is being introduced into the system or install a water filter to control the lead concentration. The filters must be maintained and replaced in accordance with the manufactures requirements/instructions. The process should be documented.

Three sinks and one fountain failed on the first draw and obtained compliance after a 30-second flush. The District has several remedial options, (1) flush the water system in the building and retest the sinks; (2) set up a "flushing" schedule, so that the water fountain is flushed for >1 minute each morning prior to use (the process should be documented). "Flushing" involves opening suspect taps every morning before the facility opens and letting the water run to remove water that has been standing in the interior pipes and/or the outlets. The flushing time varies by the type of outlet being cleared. The degree to which flushing helps reduce lead levels can also vary depending upon the age and condition of the plumbing and the corrosiveness of the water; (3) install a water filter to control the lead concentration. The filters must be maintained and replaced in accordance with the manufactures requirements/instructions. The process should be documented.

Table 1.0 Locations that are above the lead action level of 0.015 mg/L (cont.)

Sample ID #	Location Highview	1st Draw (mg/L)	2nd Draw (mg/L)	Comments
3	Kitchen Sink #1	0.607	0.015	Counting from left to right

Sample ID #	Location ECP	1st Draw (mg/L)	2nd Draw (mg/L)	Comments
6	Nurse's Office	0.085	0.061	Sink (PTA Associates Office)

Note: Regulatory limit for lead is 15 ppb or 0.015 mg/L. Regulatory limit for copper is 1300 ppb or 1.3 mg/L. BDL = below detectable limit, ppb= parts per billion; mg/l = milligrams per liter; NO = not operating; AU = Already used; WF = water fountain; L = lower; U = upper; CR = classroom; HW = hallway; BR = bathroom

4.0 OBSERVATIONS AND DISCUSSION

The sampling was completed and the results were compared to the EPA's National Drinking Water Standard (NDWS). The water fountains/sinks that were tested are in compliance with the NDWS, with the exception of the sinks and the water fountains listed in the results section.

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5.0 CONCLUSION

The sampling was completed and the results were compared to the EPA's National Drinking Water Standard (NDWS). The water fountains /sinks that were tested are in compliance with the NDWS, with the exception of several sinks and two water fountains listed in the Results Section

6.0 RECOMMENDATIONS

Sinks/water fountain that failed on the second draw:

- If the water is used for consumption or food preparation, the sink/fountain should be removed from service until the sampling point has been remediated or shown to be in compliance.
- Inspect/clean/flush for a minimum of 30 minutes and re-test.

Sinks/water fountain failed on the first draw and obtained compliance after a 30-second flush:

- Flush the water system in the building and retest the sink/water fountain or
- Set up a "flushing" schedule, so that the sinks are flushed for >1 minute each morning prior to use (the process should be documented) or
- Install a water filter to control the lead concentration and, maintain and replace the filter in accordance with the manufactures requirements/instructions. The process should be documented.

Laboratory Results for Lead

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN GB-1032-16-IH - Greenburgh CSD - HS/MS Building

Date Collected: 04/09/2016
Collected By: Ernest Coon
Date Received: 04/09/2016
Date Analyzed: 04/13/2016
Analyzed By: Peter P. Argyrakis
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
1A 2418965	Hallway Water Fountain Near Security Lobby (Stainless Steel)	Water	0.001 mg/L
1B 2418966	Hallway Water Fountain Near Security Lobby (Stainless Steel)	Water	0.003 mg/L
2A 2418967	Principal's Office Conference Room Sink	Water	BDL < 0.001 mg/L
2B 2418968	Principal's Office Conference Room Sink	Water	BDL < 0.001 mg/L
3A 2418969	Hallway Water Fountain Near Media Center (Stainless Steel)	Water	BDL < 0.001 mg/L
3B 2418970	Hallway Water Fountain Near Media Center (Stainless Steel)	Water	0.001 mg/L
4A 2418971	Hallway Water Fountain Near Cafeteria (The Commons) (Stainless Steel)	Water	BDL < 0.001 mg/L
4B 2418972	Hallway Water Fountain Near Cafeteria (The Commons) (Stainless Steel)	Water	BDL < 0.001 mg/L
5A 2418973	Kitchen Sink #1 (From Left to Right)	Water	0.001 mg/L

BDL = Below Detectable Limits
Liability Limited to Cost of Analysis
Results Applicable to Those Items Tested

Eastern Analytical Services, Inc.

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245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
5B 2418974	Kitchen Sink #1 (From Left to Right)	Water	BDL < 0.001 mg/L
6A 2418975	Kitchen Sink #2 (From Left to Right)	Water	BDL < 0.001 mg/L
6B 2418976	Kitchen Sink #2 (From Left to Right)	Water	0.001 mg/L
7A 2418977	Kitchen Sink #3 (From Left to Right)	Water	BDL < 0.001 mg/L
7B 2418978	Kitchen Sink #3 (From Left to Right)	Water	BDL < 0.001 mg/L
8A 2418979	Kitchen Sink #4 (From Left to Right)	Water	0.005 mg/L
8B 2418980	Kitchen Sink #4 (From Left to Right)	Water	BDL < 0.001 mg/L
9A 2418981	Kitchen Sink #5 (From Left to Right)	Water	0.080 mg/L
9B 2418982	Kitchen Sink #5 (From Left to Right)	Water	BDL < 0.001 mg/L

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Signature:
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Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
10A 2418983	Kitchen Sink #6 (From Left to Right)	Water	0.001 mg/L
10B 2418984	Kitchen Sink #6 (From Left to Right)	Water	BDL < 0.001 mg/L
A 2418985	Kitchen Sink #7 (From Left to Right)	Water	0.001 mg/L
11B 2418986	Kitchen Sink #7 (From Left to Right)	Water	BDL < 0.001 mg/L
12A 2418987	Kitchen Sink #8 (From Left to Right)	Water	0.006 mg/L
12B 2418988	Kitchen Sink #8 (From Left to Right)	Water	BDL < 0.001 mg/L
13A 2418989	Guidance in Common Area Sink	Water	0.001 mg/L
13B 2418990	Guidance in Common Area Sink	Water	BDL < 0.001 mg/L
14A 2418991	Hallway Water Fountain Near CR 309A	Water	BDL < 0.001 mg/L

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NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
14B 2418992	Hallway Water Fountain Near CR 309A	Water	BDL < 0.001 mg/L
15A 2418993	Hallway Water Fountain Near CR 210A	Water	BDL < 0.001 mg/L
15B 2418994	Hallway Water Fountain Near CR 210A	Water	BDL < 0.001 mg/L
16A 2418995	CR 119 Home and Careers Skills Sink #1 (From Left to Right)	Water	0.001 mg/L
16B 2418996	CR 119 Home and Careers Skills Sink #1 (From Left to Right)	Water	0.004 mg/L
17A 2418997	CR 119 Home and Careers Skills Sink #2 (From Left to Right)	Water	0.001 mg/L
17B 2418998	CR 119 Home and Careers Skills Sink #2 (From Left to Right)	Water	BDL < 0.001 mg/L
18A 2418999	CR 120 Home and Careers Skills Sink #1 (From Left to Right)	Water	0.001 mg/L
18B 2419000	CR 120 Home and Careers Skills Sink #1 (From Left to Right)	Water	BDL < 0.001 mg/L

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Water Sample Report

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Date Received: 04/09/2016
Date Analyzed: 04/13/2016
Analyzed By: Peter P. Argyrakis
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
19A 2419001	CR 120 Home and Careers Skills Sink #2 (From Left to Right)	Water	0.002 mg/L
19B 2419002	CR 120 Home and Careers Skills Sink #2 (From Left to Right)	Water	BDL < 0.001 mg/L
[illegible] 2419003	Not Applicable	Water Blank	BDL < 0.001 mg/L
21A 2419004	Teacher's Lounge by Anthony's Office	Water	0.002 mg/L
21B 2419005	Teacher's Lounge by Anthony's Office	Water	0.001 mg/L

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN GB-1032-16IH - Greenburgh CSD - L.F. Jackson Elementary

Date Collected: 03/29/2016
Collected By: Ernest Coon
Date Received: 03/29/2016
Date Analyzed: 04/06/2016
Analyzed By: Peter P. Argyrakis
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
1A 2417150	Jackson - Kitchen Sink #1 (From Left to Right)	Water	1.979 mg/L
1B 2417151	Jackson - Kitchen Sink #1 (From Left to Right)	Water	0.823 mg/L
[illegible] 2417152	Jackson - Kitchen Sink #2 (From Left to Right)	Water	0.016 mg/L
2B 2417153	Jackson - Kitchen Sink #2 (From Left to Right)	Water	0.001 mg/L
3A 2417154	Jackson - Kitchen Sink #3 (From Left to Right)	Water	0.001 mg/L
3B 2417155	Jackson - Kitchen Sink #3 (From Left to Right)	Water	BDL < 0.001 mg/L
4A 2417156	Jackson - Kitchen Sink #4 (From Left to Right)	Water	0.015 mg/L
4B 2417157	Jackson - Kitchen Sink #4 (From Left to Right)	Water	0.002 mg/L
5A 2417158	Teacher's Room Water Fountain	Water	0.032 mg/L

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Liability Limited to Cost of Analysis
Results Applicable to Those Items Tested
AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN GB-1032-16IH - Greenburgh CSD - L.F. Jackson Elementary

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Date Analyzed: 04/06/2016
Analyzed By: Peter P. Argyrakis
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
5B 2417159	Teacher's Room Water Fountain	Water	0.012 mg/L
6A 2417160	Teacher's Room Sink	Water	0.003 mg/L
6B 2417161	Teacher's Room Sink	Water	0.001 mg/L
7A 2417162	Nurse's Office Main Sink	Water	0.003 mg/L
7B 2417163	Nurse's Office Main Sink	Water	BDL < 0.001 mg/L
8A 2417164	Hallway W.C. Near Nurse's Office (Elkay New)	Water	BDL < 0.001 mg/L
8B 2417165	Hallway W.C. Near Nurse's Office (Elkay New)	Water	BDL < 0.001 mg/L
9A 2417166	C.R. #6 Water Fountain	Water	0.001 mg/L
9B 2417167	C.R. #6 Water Fountain	Water	0.001 mg/L

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Water Sample Report

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Analyzed By: Peter P. Argyrakis
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
10A 2417168	C.R. #5 Water Fountain	Water	0.001 mg/L
10B 2417169	C.R. #5 Water Fountain	Water	BDL < 0.001 mg/L
[illegible]A 2417170	C.R. #4 Water Fountain	Water	0.001 mg/L
11B 2417171	C.R. #4 Water Fountain	Water	BDL < 0.001 mg/L
12A 2417172	C.R. #3 Water Fountain	Water	0.001 mg/L
12B 2417173	C.R. #3 Water Fountain	Water	BDL < 0.001 mg/L
13A 2417174	C.R. #2 Water Fountain	Water	0.001 mg/L
13B 2417175	C.R. #2 Water Fountain	Water	BDL < 0.001 mg/L
14A 2417176	C.R. #1 Water Fountain	Water	0.001 mg/L

[illegible]DL = Below Detectable Limits
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Water Sample Report

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Signature:
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Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
14B 2417177	C.R. #1 Water Fountain	Water	BDL < 0.001 mg/L
15A 2417178	Hallway W.C. Near Gym (Elkay New)	Water	0.005 mg/L
15B 2417179	Hallway W.C. Near Gym (Elkay New)	Water	BDL < 0.001 mg/L
16A 2417180	C.R. 106 Water Fountain	Water	0.031 mg/L
16B 2417181	C.R. 106 Water Fountain	Water	0.046 mg/L
17A 2417182	C.R. 105 Water Fountain	Water	0.002 mg/L
17B 2417183	C.R. 105 Water Fountain	Water	0.001 mg/L
18A 2417184	C.R. 104 Water Fountain	Water	0.002 mg/L
18B 2417185	C.R. 104 Water Fountain	Water	BDL < 0.001 mg/L

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Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
19A 2417186	C.R. 103 Water Fountain	Water	0.002 mg/L
19B 2417187	C.R. 103 Water Fountain	Water	0.001 mg/L
A 2417188	C.R. 102 Water Fountain	Water	0.001 mg/L
20B 2417189	C.R. 102 Water Fountain	Water	0.001 mg/L
21A 2417190	C.R. 101 Water Fountain	Water	0.001 mg/L
21B 2417191	C.R. 101 Water Fountain	Water	0.001 mg/L
22A 2417192	C.R. 201 Water Fountain	Water	0.003 mg/L
22B 2417193	C.R. 201 Water Fountain	Water	BDL < 0.001 mg/L
23A 2417194	C.R. 202 Water Fountain	Water	0.003 mg/L

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Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
23B 2417195	C.R. 202 Water Fountain	Water	BDL < 0.001 mg/L
24A 2417196	C.R. 203 Water Fountain	Water	0.003 mg/L
24B 2417197	C.R. 203 Water Fountain	Water	BDL < 0.001 mg/L
25A 2417198	C.R. 204 Water Fountain	Water	0.001 mg/L
25B 2417199	C.R. 204 Water Fountain	Water	0.001 mg/L
26A 2417200	C.R. 205 Water Fountain	Water	0.001 mg/L
26B 2417201	C.R. 205 Water Fountain	Water	BDL < 0.001 mg/L
27A 2417202	C.R. 206 Water Fountain	Water	0.003 mg/L
27B 2417203	C.R. 206 Water Fountain	Water	0.001 mg/L

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Analyzed By: Peter P. Argyrakis
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
28A 2417204	C.R. 207 Water Fountain	Water	0.001 mg/L
28B 2417205	C.R. 207 Water Fountain	Water	BDL < 0.001 mg/L
29A 2417206	C.R. 208 Water Fountain	Water	0.002 mg/L
29B 2417207	C.R. 208 Water Fountain	Water	BDL < 0.001 mg/L
30 2417208	Main Water to Building	Water	1.938 mg/L
31 2417209	Not Applicable	Water Blank	0.001 mg/L

BDL = Below Detectable Limits
Liability Limited to Cost of Analysis
Results Applicable to Those Items Tested

Eastern Analytical Services, Inc.

Water Sample Report

RE: CTN GIS 1032-1011 - Greensburg GSD - E.F. Jackson Elementary

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN GB-1032-16-IH - Greenburgh CSD - Highview School

Date Collected: 04/05/2016
Collected By: Ernest Coon
Date Received: 04/05/2016
Date Analyzed: 04/11-12/2016
Analyzed By: Peter P. Argyrakis/Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood. NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
1A 2418011	Kitchen Sink #1 from Left to Right	Water	0.003 mg/L
1B 2418012	Kitchen Sink #1 from Left to Right	Water	BDL < 0.001 mg/L
2A 2418013	Kitchen Sink #2 from Left to Right	Water	0.001 mg/L
2B 2418014	Kitchen Sink #2 from Left to Right	Water	BDL < 0.001 mg/L
3A 2418015	Kitchen Sink #3 from Left to Right	Water	0.017 mg/L
3B 2418016	Kitchen Sink #3 from Left to Right	Water	0.001 mg/L
4A 2418017	Cafeteria Water Fountain	Water	BDL < 0.001 mg/L
4B 2418018	Cafeteria Water Fountain	Water	BDL < 0.001 mg/L
5A 2418019	Hallway Water Fountain Near Art Room	Water	0.001 mg/L

BDL = Below Detectable Limits
Liability Limited to Cost of Analysis
Results Applicable to Those Items Tested
AIHA Accreditation No. 418 Rhode Island DOH No. AAL-072T3 Massachusetts DOL No. A A 000072 Connecticut DOH No. PH-0622 Maine DEP No. LA-024 Vermont DOH No. AAS-2095

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN GB-1032-16-IH - Greenburgh CSD - Highview School

Date Collected: 04/05/2016
Collected By: Ernest Coon
Date Received: 04/05/2016
Date Analyzed: 04/11-12/2016
Analyzed By: Peter P. Argyrakis/Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
5B 2418020	Hallway Water Fountain Near Art Room	Water	0.005 mg/L
6 2418021	Water Main	Water	0.020 mg/L
7A 2418022	Art Room Water Fountain #1	Water	0.007 mg/L
7B 2418023	Art Room Water Fountain #1	Water	BDL < 0.001 mg/L
8A 2418024	Art Room Water Fountain #2	Water	0.001 mg/L
8B 2418025	Art Room Water Fountain #2	Water	BDL < 0.001 mg/L
9A 2418026	Adult Bathroom Near Art Room Sink	Water	BDL < 0.001 mg/L
9B 2418027	Adult Bathroom Near Art Room Sink	Water	BDL < 0.001 mg/L
10A 2418028	Music Room Sink	Water	0.002 mg/L

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN GB-1032-16-IH - Greenburgh CSD - Highview School

Date Collected: 04/05/2016
Collected By: Ernest Coon
Date Received: 04/05/2016
Date Analyzed: 04/11-12/2016
Analyzed By: Peter P. Argyrakis/Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
10B 2418029	Music Room Sink	Water	BDL < 0.001 mg/L
11A 2418030	Custodian's Office Sink	Water	0.001 mg/L
11B 2418031	Custodian's Office Sink	Water	BDL < 0.001 mg/L
12A 2418032	CR #1 Water Fountain	Water	0.002 mg/L
12B 2418033	CR #1 Water Fountain	Water	0.001 mg/L
13A 2418034	CR #2 Water Fountain	Water	0.003 mg/L
13B 2418035	CR #2 Water Fountain	Water	0.001 mg/L
14A 2418036	CR #3 Water Fountain	Water	0.001 mg/L
14B 2418037	CR #3 Water Fountain	Water	0.001 mg/L

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN GB-1032-16-IH - Greenburgh CSD - Highview School

Date Collected: 04/05/2016
Collected By: Ernest Coon
Date Received: 04/05/2016
Date Analyzed: 04/11-12/2016
Analyzed By: Peter P. Argyrakis/Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
15A 2418038	CR #4 Water Fountain	Water	0.001 mg/L
15B 2418039	CR #4 Water Fountain	Water	0.001 mg/L
16A 2418040	Hallway Water Fountain Near CR #4	Water	0.001 mg/L
16B 2418041	Hallway Water Fountain Near CR #4	Water	0.001 mg/L
17A 2418042	CR #5 Water Fountain	Water	0.001 mg/L
17B 2418043	CR #5 Water Fountain	Water	0.001 mg/L
18A 2418044	CR #6 Water Fountain	Water	0.001 mg/L
18B 2418045	CR #6 Water Fountain	Water	BDL < 0.001 mg/L
19A 2418046	Teacher's Lounge Sink	Water	0.001 mg/L

BDL = Below Detectable Limits
Liability Limited to Cost of Analysis
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Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN GB-1032-16-IH - Greenburgh CSD - Highview School

Date Collected: 04/05/2016
Collected By: Ernest Coon
Date Received: 04/05/2016
Date Analyzed: 04/11-12/2016
Analyzed By: Peter P. Argyrakis/Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
19B 2418047	Teacher's Lounge Sink	Water	BDL < 0.001 mg/L
20A 2418048	Hallway Water Fountain Near Social Workers Office	Water	0.002 mg/L
20B 2418049	Hallway Water Fountain Near Social Workers Office	Water	BDL < 0.001 mg/L
21A 2418050	CR #7 Water Fountain	Water	0.001 mg/L
21B 2418051	CR #7 Water Fountain	Water	BDL < 0.001 mg/L
22A 2418052	CR #8 Water Fountain	Water	0.001 mg/L
22B 2418053	CR #8 Water Fountain	Water	0.001 mg/L
23A 2418054	CR #9 Water Fountain	Water	0.001 mg/L
23B 2418055	CR #9 Water Fountain	Water	BDL < 0.001 mg/L

BDL = Below Detectable Limits
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Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN GB-1032-16-IH - Greenburgh CSD - Highview School

Date Collected: 04/05/2016
Collected By: Ernest Coon
Date Received: 04/05/2016
Date Analyzed: 04/11-12/2016
Analyzed By: Peter P. Argyrakis/Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
24A 2418056	CR #10 Water Fountain	Water	0.001 mg/L
24B 2418057	CR #10 Water Fountain	Water	BDL < 0.001 mg/L
25A 2418058	Nurse's Office	Water	0.001 mg/L
25B 2418059	Nurse's Office	Water	BDL < 0.001 mg/L
26A 2418060	CR #12 Water Fountain	Water	0.001 mg/L
26B 2418061	CR #12 Water Fountain	Water	BDL < 0.001 mg/L
27A 2418062	CR #13 Water Fountain	Water	0.002 mg/L
27B 2418063	CR #13 Water Fountain	Water	BDL < 0.001 mg/L
28A 2418064	CR #14 Water Fountain	Water	0.002 mg/L

BDL = Below Detectable Limits
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Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN GB-1032-16-IH - Greenburgh CSD - Highview School

Date Collected: 04/05/2016
Collected By: Ernest Coon
Date Received: 04/05/2016
Date Analyzed: 04/11-12/2016
Analyzed By: Peter P. Argyrakis/Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
28B 2418065	CR #14 Water Fountain	Water	BDL < 0.001 mg/L
29A 2418066	CR #15 Water Fountain	Water	0.001 mg/L
29B 2418067	CR #15 Water Fountain	Water	BDL < 0.001 mg/L
30A 2418068	CR #18 Water Fountain	Water	0.001 mg/L
30B 2418069	CR #18 Water Fountain	Water	BDL < 0.001 mg/L
31A 2418070	CR #19 Water Fountain	Water	0.001 mg/L
31B 2418071	CR #19 Water Fountain	Water	BDL < 0.001 mg/L
33A 2418072	CR #16 Water Fountain	Water	0.002 mg/L
33B 2418073	CR #16 Water Fountain	Water	BDL < 0.001 mg/L

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN GB-1032-16-IH - Greenburgh CSD - Highview School

Date Collected: 04/05/2016
Collected By: Ernest Coon
Date Received: 04/05/2016
Date Analyzed: 04/11-12/2016
Analyzed By: Peter P. Argyrakis/Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
34A 2418074	CR #17 Water Fountain	Water	0.001 mg/L
34B 2418075	CR #17 Water Fountain	Water	BDL < 0.001 mg/L
35 2418076	Not Applicable	Water Blank	BDL < 0.001 mg/L

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN GB-1032-16-IH - Greenburgh CSD - Bailey School

Date Collected: 04/05/2016
Collected By: Ernest Coon
Date Received: 04/05/2016
Date Analyzed: 04/11/2016
Analyzed By: Peter P. Argyrakis/Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
36A 2418077	Hallway Water Fountain Near CR #113	Water	0.001 mg/L
36B 2418078	Hallway Water Fountain Near CR #113 - From Left to Right	Water	BDL < 0.001 mg/L
37A 2418079	Kitchen Sink #1	Water	0.002 mg/L
37B 2418080	Kitchen Sink #1	Water	BDL < 0.001 mg/L
38A 2418081	Kitchen Sink #2	Water	BDL < 0.001 mg/L
38B 2418082	Kitchen Sink #2	Water	BDL < 0.001 mg/L
39A 2418083	Kitchen Sink #3	Water	0.001 mg/L
39B 2418084	Kitchen Sink #3	Water	BDL < 0.001 mg/L
40A 2418085	Hallway Water Fountain Near CR 013	Water	BDL < 0.001 mg/L

BDL - Below Detectable Limits
Liability Limited to Cost of Analysis
Results Applicable to Those Items Tested

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN GB-1032-16-IH - Greenburgh CSD - Bailey School

Date Collected: 04/05/2016
Collected By: Ernest Coon
Date Received: 04/05/2016
Date Analyzed: 04/11/2016
Analyzed By: Peter P. Argyrakis/Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
40B 2418086	Hallway Water Fountain Near CR 013	Water	BDL < 0.001 mg/L
41A 2418087	Nurse's Office Sink	Water	0.010 mg/L
41B 2418088	Nurse's Office Sink	Water	0.001 mg/L
42A 2418089	Hallway Water Fountain Near 105	Elkay (New) Bottle Filler	BDL < 0.001 mg/L
42B 2418090	Hallway Water Fountain Near 105	Elkay (New) Bottle Filler	BDL < 0.001 mg/L
43A 2418091	Hallway Water Fountain CR 205	Elkay (New) Bottle Filler	BDL < 0.001 mg/L
43B 2418092	Hallway Water Fountain CR 205	Elkay (New) Bottle Filler	BDL < 0.001 mg/L
44A 2418093	Hallway Water Fountain Near CR 213	Water	0.003 mg/L
44B 2418094	Hallway Water Fountain Near CR 213	Water	BDL < 0.001 mg/L

BDL = Below Detectable Limits
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Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN GB-1032-16-IH - Greenburgh CSD - Bailey School

Date Collected: 04/05/2016
Collected By: Ernest Coon
Date Received: 04/05/2016
Date Analyzed: 04/11/2016
Analyzed By: Peter P. Argyrakis/Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
45 2418095	Not Applicable	Water Blank	BDL < 0.001 mg/L

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN GB-1032-16-IH - Greenburgh CSD - Administration Building, ECP Building & Teacher's Center

Date Collected: 04/07/2016
Collected By: Ernest Coon
Date Received: 04/07/2016
Date Analyzed: 04/11/2016
Analyzed By: Peter P. Argyrakis/Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
1A 2418326	Gym Building - Water Fountain	Water	BDL < 0.001 mg/L
2A 2418327	Gym Building - Water Fountain	Water	0.003 mg/L
2A 2418328	Admin Building - Board Room Little Kitchen	Water	0.001 mg/L
2B 2418329	Admin Building - Board Room Little Kitchen	Water	0.001 mg/L
3A 2418330	Admin Building - ECP - CR Kitchen Sink	Water	0.001 mg/L
3B 2418331	Admin Building - ECP - CR Kitchen Sink	Water	BDL < 0.001 mg/L
4A 2418332	Admin Building - Special Education - 2nd Floor Bathroom Sink	Water	0.001 mg/L
4B 2418333	Admin Building - Special Education - 2nd Floor Bathroom Sink	Water	BDL < 0.001 mg/L
5A 2418334	Admin Building - ECP - Kitchen Sink	Water	0.001 mg/L

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN GB-1032-16-IH - Greenburgh CSD - Administration Building, ECP Building & Teacher's Center

Date Collected: 04/07/2016
Collected By: Ernest Coon
Date Received: 04/07/2016
Date Analyzed: 04/11/2016
Analyzed By: Peter P. Argyrakis/Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
5B 2418335	Admin Building - ECP - Kitchen Sink	Water	BDL < 0.001 mg/L
6A 2418336	ECP - Nurse's Office Sink	Water	0.085 mg/L
6B 2418337	ECP - Nurse's Office Sink	Water	0.061 mg/L
7A 2418338	ECP - CR #2 - Sink	Water	0.001 mg/L
7B 2418339	ECP - CR #2 - Sink	Water	BDL < 0.001 mg/L
8A 2418340	ECP - CR #3 - Sink	Water	0.001 mg/L
8B 2418341	ECP - CR #3 - Sink	Water	BDL < 0.001 mg/L
9A 2418342	ECP - CR #4 - Sink	Water	0.001 mg/L
9B 2418343	ECP - CR #4 - Sink	Water	BDL < 0.001 mg/L

Eastern Analytical Services, Inc.

Water Sample Report

RE: CPN GB-1032-16-IH - Greenburgh CSD - Administration Building, ECP Building & Teacher's Center

Date Collected: 04/07/2016
Collected By: Ernest Coon
Date Received: 04/07/2016
Date Analyzed: 04/11/2016
Analyzed By: Peter P. Argyrakis/Ernest Sanchez
Signature:
Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
245 Albany Avenue
Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
10A 2418344	Teacher's Center - Downstairs Bathroom Sink	Water	BDL < 0.001 mg/L
10B 2418345	Teacher's Center - Downstairs Bathroom Sink	Water	BDL < 0.001 mg/L
11 2418346	Not Applicable	Water Blank	BDL < 0.001 mg/L

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