

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

**Lead Concentration
In Drinking Water**

At

Pocantico Hills CSD

RegCom's Project Number: PH-1045-16-IH

Date of Survey:
April 15, 2016

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

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

ABSTRACT

The Pocantico Hills 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 one building.

A total of 65 samples were collected (including a blank) and analyzed for lead content.

The water fountains /sinks that were tested are in compliance with the EPA's National Drinking Water Standard (NDWS).

There are no recommended actions.

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Appendix A

Laboratory Results for Lead

1.0 INTRODUCTION

The Pocantico Hills 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 one 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

The water fountains /sinks that were tested are in compliance with the EPA's National Drinking Water Standard (NDWS). See appendix for tabulated results.

Information for interpreting the results: Regulatory limit for lead is 15 ppb or 0.015 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 water fountains /sinks that were tested are in compliance with the EPA's National Drinking Water Standard (NDWS).

5.0 CONCLUSION

The water fountains /sinks that were tested are in compliance with the EPA's National Drinking Water Standard (NDWS).

6.0 RECOMMENDATIONS

There are no recommended actions.

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Laboratory Results for Lead

Eastern Analytical Services, Inc.
Water Sample Report

RE: CPN PH-1045-16-IH - Pocantico Hills

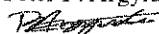
Date Collected: 04/15/2016

Collected By: Ernest Coon

Date Received: 04/15/2016

Date Analyzed: 04/18/2016

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 2419959	Room 311 (Kitchenette) Sink (Main Office)	Water	0.002 mg/L
1B 2419960	Room 311 (Kitchenette) Sink (Main Office)	Water	BDL < 0.001 mg/L
2A 2419961	Hallway Water Fountain Near Business Office - Elkay with Bottle Filler	Water	BDL < 0.001 mg/L
2B 2419962	Hallway Water Fountain Near Business Office - Elkay with Bottle Filler	Water	BDL < 0.001 mg/L
3A 2419963	Hallway Water Fountain Near Room 410 - Blocked, Not Used	Water	0.004 mg/L
3B 2419964	Hallway Water Fountain Near Room 410 - Blocked, Not Used	Water	0.001 mg/L
4A 2419965	CR 401 Sink Near Window	Water	0.003 mg/L
4B 2419966	CR 401 Sink Near Window	Water	0.001 mg/L
5A 2419967	Hallway Water Fountain Near Nurse's Office - Elkay with Bottle Filler	Water	BDL < 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

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Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
5B 2419968	Hallway Water Fountain Near Nurse's Office - Elkay with Bottle Filler	Water	BDL < 0.001 mg/L
6A 2419969	Nurse's Office - Main Room - Sink	Water	BDL < 0.001 mg/L
6B 2419970	Nurse's Office - Main Room - Sink	Water	BDL < 0.001 mg/L
7A 2419971	Teacher's Lounge	Water	BDL < 0.001 mg/L
7B 2419972	Teacher's Lounge	Water	BDL < 0.001 mg/L
8A 2419973	Kitchen Sink #1 (From Left to Right)	Water	BDL < 0.001 mg/L
8B 2419974	Kitchen Sink #1 (From Left to Right)	Water	BDL < 0.001 mg/L
9A 2419975	Kitchen Sink #2 (From Left to Right)	Water	0.001 mg/L
9B 2419976	Kitchen Sink #2 (From Left to Right)	Water	BDL < 0.001 mg/L

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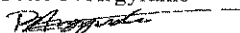
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10A 2419977	Kitchen Sink #3 - Handwashing Sink (From Left to Right)	Water	0.001 mg/L
10B 2419978	Kitchen Sink #3 - Handwashing Sink (From Left to Right)	Water	BDL < 0.001 mg/L
11A 2419979	Cafeteria Water Fountain Near Serving Line	Water	BDL < 0.001 mg/L
11B 2419980	Cafeteria Water Fountain Near Serving Line	Water	BDL < 0.001 mg/L
12A 2419981	Cafeteria Water Fountain Near Custodian Closet	Water	BDL < 0.001 mg/L
12B 2419982	Cafeteria Water Fountain Near Custodian Closet	Water	BDL < 0.001 mg/L
13A 2419983	Room 220 Sink #1 - Along Wall (From Left to Right)	Water	0.001 mg/L
13B 2419984	Room 220 Sink #1 - Along Wall (From Left to Right)	Water	BDL < 0.001 mg/L
14A 2419985	Room 220 Sink #2 (From Left to Right)	Water	0.001 mg/L

BDL = Below Detectable Limits

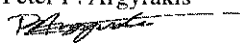
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14B 2419986	Room 220 Sink #2 (From Left to Right)	Water	BDL < 0.001 mg/L
15A 2419987	Room 220 Sink #3	Water	0.001 mg/L
15B 2419988	Room 220 Sink #3	Water	BDL < 0.001 mg/L
16A 2419989	Room 220 Sink #4 Teacher's Desk	Water	0.001 mg/L
16B 2419990	Room 220 Sink #4 Teacher's Desk	Water	BDL < 0.001 mg/L
17A 2419991	Hallway Water Fountain Near Girls' Room (Halsey-Taylor)	Water	BDL < 0.001 mg/L
17B 2419992	Hallway Water Fountain Near Girls' Room (Halsey-Taylor)	Water	BDL < 0.001 mg/L
18A 2419993	Hallway Water Fountain Near Boys' Room (Halsey-Taylor)	Water	0.002 mg/L
18B 2419994	Hallway Water Fountain Near Boys' Room (Halsey-Taylor)	Water	0.001 mg/L

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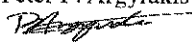
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Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
19A 2419995	Hallway Water Fountain Near 14A Gym Area	Water	0.001 mg/L
19B 2419996	Hallway Water Fountain Near 14A Gym Area	Water	0.001 mg/L
20A 2419997	Hallway Water Fountain Near Room 113A Gym Area	Water	BDL < 0.001 mg/L
20B 2419998	Hallway Water Fountain Near Room 113A Gym Area	Water	BDL < 0.001 mg/L
21A 2419999	Boys' Locker Room Water Fountain Room 113A (Halsey- Taylor)	Water	BDL < 0.001 mg/L
21B 2420000	Boys' Locker Room Water Fountain Room 113A (Halsey- Taylor)	Water	BDL < 0.001 mg/L
22A 2420001	Girls' Locker Room Water Fountain Room 114A (Halsey- Taylor)	Water	BDL < 0.001 mg/L
22B 2420002	Girls' Locker Room Water Fountain Room 114A (Halsey- Taylor)	Water	BDL < 0.001 mg/L
23A 2420003	CR 103 Water Fountain (Sink- Water Fountain Combo)	Water	0.001 mg/L

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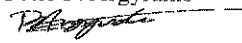
Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
23B 2420004	CR 103 Water Fountain (Sink- Water Fountain Combo)	Water	BDL < 0.001 mg/L
24A 2420005	CR 105 Water Fountain	Water	0.001 mg/L
24B 2420006	CR 105 Water Fountain	Water	BDL < 0.001 mg/L
25A 2420007	CR 106 Water Fountain	Water	0.003 mg/L
25B 2420008	CR 106 Water Fountain	Water	0.001 mg/L
26A 2420009	CR 107 Water Fountain	Water	0.002 mg/L
26B 2420010	CR 107 Water Fountain	Water	BDL < 0.001 mg/L
27A 2420011	CR 108 Water Fountain	Water	0.001 mg/L
27B 2420012	CR 108 Water Fountain	Water	BDL < 0.001 mg/L

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Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
28A 2420013	CR 238 Water Fountain	Water	0.001 mg/L
28B 2420014	CR 238 Water Fountain	Water	BDL < 0.001 mg/L
29A 2420015	CR 237 Water Fountain	Water	0.001 mg/L
29B 2420016	CR 237 Water Fountain	Water	BDL < 0.001 mg/L
30A 2420017	CR 236 Water Fountain	Water	0.001 mg/L
30B 2420018	CR 236 Water Fountain	Water	BDL < 0.001 mg/L
31A 2420019	CR 235 Water Fountain	Water	0.001 mg/L
31B 2420020	CR 235 Water Fountain	Water	BDL < 0.001 mg/L
32A 2420021	Custodial Office Sink	Water	BDL < 0.001 mg/L

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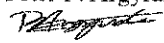
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Analyte: Pb Water
Analytical Method EPA 200.9
NYS Lab Number: 10851

Client: RegCom
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Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
32B 2420022	Custodial Office Sink	Water	BDL < 0.001 mg/L
33 2420023	Not Applicable	Water Blank	BDL < 0.001 mg/L

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