July 1, 2022

Office of the Interim Executive Director
Hunterdon Preparatory School
11 Spencer Lane
Annandale, NJ 08801

Dear HPS Community,

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, HPS tested our school's drinking water for lead.

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 HPS. Through this effort, we identified and tested all drinking water and food preparation outlets. Of the samples taken, we are pleased to report that 100% were within the Environmental Protection Agency's acceptable standards for lead in drinking water (15 µg/l [ppb]). Please see our test results listed below.

For More Information

A copy of the test results is available in our central office for inspection by the public, including students, teachers, other school personnel, and parents, and can be viewed between the hours of 8:30 a.m. and 4:00 p.m. and are also available on our website at www.hunterdonprep.org. For more information about water quality in our schools, contact Peter Jacobson at 908-832-7200, ext. 43.

For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at **www.epa.gov/lead**, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

If you are concerned about lead exposure at this facility or in your home, you may want to ask your health care providers about testing children to determine levels of lead in their blood.

Sincerely,

Alisa Kopacz
Interim Executive Director
Hunterdon Preparatory School

Environmental and Laboratory Services

Dover Location:
90 1/2 West Blackwell St., Dover, NJ 07801
Phone: (973) 989-0010, Fax (973) 989-0156

Marlboro Location:
8A Railroad Ave, Marlboro, NJ 07746
Phone: (732) 308-3500, Fax (732) 308-3503

Analytical Results

Date: June 29, 2022
Client: Hunterdon Preparatory School
Address: 11 Spencer Lane
Annandale, NJ 08833

PWSID#:
Project Location:

Sample Matrix: Drinking Water
Sample Location: Field Blank
Sampled By: B. Ellmers
Sample Date/Time: 6/15/2022 7:08

Lab Sample Number: 220609010-001
Customer Sample Number:

Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Lead-1st Draw	SM3113B	< 2.00	µg/L	15	6/27/2022	15:16	JGW	2	1

Sample Matrix: Drinking Water
Sample Location: Bottle Filler Main Lobby
Sampled By: B. Ellmers
Sample Date/Time: 6/15/2022 7:09

Lab Sample Number: 220609010-002
Customer Sample Number:

Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Lead-1st Draw	SM3113B	< 2.00	µg/L	15	6/27/2022	15:38	JGW	2	1

Hunterdon Preparatory School

Sample Matrix: Drinking Water
Sample Location: Bottle Filler HI Back Hall
Sampled By: B. Ellmers
Sample Date/Time: 6/15/2022 7:11
Lab Sample Number: 220609010-003
Customer Sample Number:

Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Lead-1st Draw	SM3113B	< 2.00	µg/L	15	6/27/2022	15:43	JGW	2	1

Sample Matrix: Drinking Water
Sample Location: Bottle Filler High West Wing
Sampled By: B. Ellmers
Sample Date/Time: 6/15/2022 7:13
Lab Sample Number: 220609010-004
Customer Sample Number:

Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Lead-1st Draw	SM3113B	< 2.00	µg/L	15	6/27/2022	15:50	JGW	2	1

Sample Matrix: Drinking Water
Sample Location: Room 36 Kitchen
Sampled By: B. Ellmers
Sample Date/Time: 6/15/2022 7:16
Lab Sample Number: 220609010-005
Customer Sample Number:

Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Lead-1st Draw	SM3113B	4.67	µg/L	15	6/27/2022	15:55	JGW	2	1

Sample Matrix: Drinking Water
Sample Location: Room 28 Nurse HS
Sampled By: B. Ellmers
Sample Date/Time: 6/15/2022 7:19
Lab Sample Number: 220609010-006
Customer Sample Number:

Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Lead-1st Draw	SM3113B	2.65	µg/L	15	6/27/2022	16:01	JGW	2	1

Hunterdon Preparatory School

Sample Matrix: Drinking Water
Sample Location: Bottle Filler Low West Wing
Sampled By: B. Ellmers
Sample Date/Time: 6/15/2022 7:14
Lab Sample Number: 220609010-007
Customer Sample Number:

Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Lead-1st Draw	SM3113B	< 2.00	µg/L	15	6/27/2022	16:07	JGW	2	1

Sample Matrix: Drinking Water
Sample Location: Bottle Filler Low Back Hall
Sampled By: B. Ellmers
Sample Date/Time: 6/15/2022 7:12
Lab Sample Number: 220609010-008
Customer Sample Number:

Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Lead-1st Draw	SM3113B	< 2.00	µg/L	15	6/27/2022	16:13	JGW	2	1

Sample Matrix: Drinking Water
Sample Location: Rm 18 Kitchen Sink
Sampled By: B. Ellmers
Sample Date/Time: 6/15/2022 7:22
Lab Sample Number: 220609010-009
Customer Sample Number:

Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Lead-1st Draw	SM3113B	12.9	µg/L	15	6/28/2022	15:36	JGW	2	1

Sample Matrix: Drinking Water
Sample Location: Rm 20 Kitchen Sink
Sampled By: B. Ellmers
Sample Date/Time: 6/15/2022 7:25
Lab Sample Number: 220609010-010
Customer Sample Number:

Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Lead-1st Draw	SM3113B	5.46	µg/L	15	6/27/2022	16:18	JGW	2	1

Sample Matrix: Drinking Water
Sample Location: Rm 24 Kitchen Sink
Sampled By: B. Ellmers
Sample Date/Time: 6/15/2022 7:27

Lab Sample Number: 220609010-011
Customer Sample Number:

Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Lead-1st Draw	SM3113B	< 2.00	µg/L	15	6/27/2022	17:05	JGW	2	1

Sample Matrix: Drinking Water
Sample Location: Rm 27 Kitchen Sink
Sampled By: B. Ellmers
Sample Date/Time: 6/15/2022 7:29

Lab Sample Number: 220609010-012
Customer Sample Number:

Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Lead-1st Draw	SM3113B	2.30	µg/L	15	6/27/2022	17:10	JGW	2	1

Sample Matrix: Drinking Water
Sample Location: Rm 41 Kitchen Sink
Sampled By: B. Ellmers
Sample Date/Time: 6/15/2022 7:35

Lab Sample Number: 220609010-013
Customer Sample Number:

Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Lead-1st Draw	SM3113B	3.69	µg/L	15	6/27/2022	17:16	JGW	2	1

Sample Matrix: Drinking Water
Sample Location: Rm 36 Kitchen HS
Sampled By: B. Ellmers
Sample Date/Time: 6/15/2022 7:31

Lab Sample Number: 220609010-014
Customer Sample Number:

Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Lead-1st Draw	SM3113B	7.19	µg/L	15	6/27/2022	17:21	JGW	2	1

Hunterdon Preparatory School

Sample Matrix:	Drinking Water	Lab Sample Number:	220609010-015
Sample Location:	Rm 43 Maint Kit Sink	Customer Sample Number:	
Sampled By:	B. Ellmers		
Sample Date/Time:	6/15/2022 7:37		

Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Lead-1st Draw	SM3113B	7.07	µg/L	15	6/27/2022	17:27	JGW	2	1

NJ Lab ID# 14013 (Dover)
NJ Lab ID# 13033 (Marlboro)

NJDEP Limit for free and/or total chlorine does not apply to non-chlorinated samples.
Any method followed by an asterisk (*) was analyzed by the Agra-Marlboro laboratory.
All other methods, unless otherwise specified, were analyzed by the Agra-Dover laboratory.

I certify that these samples were analyzed in accordance with procedures approved by the New Jersey Department of Environmental Protection.

Susan VanVeen

Susan VanVeen, Laboratory Manager

June 29, 2022

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 in building plumbing. These materials include lead-based solder used to join copper pipe, brass, and chrome-plated brass faucets. In 1986, Congress banned the use of lead solder containing greater than 0.2% lead, and restricted the lead content of faucets, pipes and other plumbing materials. However, even the lead in plumbing materials meeting these new requirements is subject to corrosion. When water stands in lead pipes or plumbing systems containing lead for several hours or more, the lead may dissolve into the drinking water. This means the first water drawn from the tap in the morning *may* contain fairly high levels of lead.

Lead in Drinking Water

Lead in drinking water, although rarely the sole cause of lead poisoning can significantly increase a person's total lead exposure, particularly the exposure of children under the age of 6. EPA estimates that drinking water can make up 20% or more of a person's total exposure to lead.