Our Children
Our School
Our Future

Netcong Board of Education

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Dr. Gina Cinotti
Chief School Administrator
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Mrs. Nicole Sylvester
School Business Administrator/Board Secretary
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June 13, 2017

Dear Parents & Staff of Netcong School,

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, the Netcong School District tested our schools' drinking water for lead.

In accordance with the Department of Education regulations, the Netcong School District will implement immediate remedial measures for any drinking water outlet with a result greater than the action level of 15 µg/l (parts per billion [ppb]). This includes turning off the outlet unless it is determined the location must remain on for non-drinking purposes. In these cases, a "DO NOT DRINK – SAFE FOR HANDWASHING ONLY" sign will be posted.

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 the Netcong School District. Through this effort, we identified and tested all drinking water and food preparation outlets. Of the 17 samples taken, all but 3 tested below the lead action level established by the US Environmental Protection Agency for lead in drinking water (15 µg/l [ppb]).

The table(s) below identifies the drinking water outlets that tested above the 15 µg/l for lead, the actual lead level, and what temporary remedial action the Netcong School District has taken to reduce the levels of lead at these locations.

In the coming weeks, we will be working on solutions to maintain a reduced lead level in these areas and conduct follow up testing. Only after appropriate remedial measures have been completed and follow up testing completed, will the drinking water locations be placed back into service.

Netcong School

Sample Location	First Draw Result in µg/l (ppb)	Remedial Action
Hallway By Music Room Fountain Bubbler NS-FB-HW Music Room	18.7	Disconnected drinking fountain, Placed barrier preventing usage. Additional drinking water fountain nearby. Providing bottle water if needed.
Child Study Team Office Bathroom Sink NS-SO-CST Room	17.1	Posted signage "DO NOT DRINK- SAFE FOR HANDWASHING ONLY" Additional Drinking Water Locations are located on the same floor
Outside Building by Kitchen/Gym Water Spigot NS-SG-Outside Kitchen/Gym	144	Posted signage "DO NOT DRINK- SAFE FOR HANDWASHING ONLY" Additional sources of drinking water will be provided as needed for outside the building events.

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.

For More Information

A copy of the test results is available in our business 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. The results are also available on our website at www.netcongschool.org. For more information about water quality in our school, contact Ms. Nicole Sylvester, Business Administrator at 973-347-0045 ext. 215.

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 our school 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,

Nicole Sylvester

Nicole Sylvester
School Business Administrator

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Environmental and Laboratory Services

90 ½ West Blackwell St., Dover, New Jersey 07801
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Analytical Results

Date: May 25, 2017

Client: Netcong School
Address: 26 College Road
Netcong, NJ 07857

Project: Netcong School

Sample description: Drinking Water / 1st Draw / DWS5352-1
Sample location: Field Blank
Sampled by: E. Bischoff
Sample date: 04/27/17
Time: 06:10
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/16/17	00:13	1	2 µg/L

Sample description: Drinking Water / 1st Draw / DWS5352-2
Sample location: NS-FB-HW MUSIC ROOM
Sampled by: E. Bischoff
Sample date: 04/27/17
Time: 06:15
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	**18.7 µg/L**	15 µg/L	05/16/17	00:32	1	2 µg/L

Sample description: Drinking Water / 1st Draw / DWS5352-3
Sample location: NS-MO-NURSE BATHROOM 01
Sampled by: E. Bischoff
Sample date: 04/27/17
Time: 06:10
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	7.64 µg/L	15 µg/L	05/16/17	00:38	1	2 µg/L

Sample description: Drinking Water / 1st Draw / DWS5352-4
Sample location: NS-MO-NURSE BATHROOM 02
Sampled by: E. Bischoff
Sample date: 04/27/17
Time: 06:10
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	6.10 µg/L	15 µg/L	05/16/17	00:50	1	2 µg/L

Sample description: Drinking Water / 1st Draw / DWS5352-5
Sample location: NS-SO-CUSTODIAN RM
Sampled by: E. Bischoff
Sample date: 04/27/17
Time: 06:18
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	6.20 µg/L	15 µg/L	05/16/17	01:14	1	2 µg/L

Sample description: Drinking Water / 1st Draw / DWS5352-6
Sample location: NS-FC-HW 105
Sampled by: E. Bischoff
Sample date: 04/27/17
Time: 06:22
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/16/17	01:19	1	2 µg/L

Sample description: Drinking Water / 1st Draw / DWS5352-7
Sample location: NS-FC-HW 103
Sampled by: E. Bischoff
Sample date: 04/27/17
Time: 06:24
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/16/17	01:25	1	2 µg/L

Sample description: Drinking Water / 1st Draw / DWS5352-8
Sample location: NS-FB-HW-201
Sampled by: E. Bischoff
Sample date: 04/27/17
Time: 06:27
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	6.13 µg/L	15 µg/L	05/16/17	01:31	1	2 µg/L

Sample description: Drinking Water / 1st Draw / DWS5352-9
Sample location: NS-FB-HW 205
Sampled by: E. Bischoff
Sample date: 04/27/17
Time: 06:29
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	8.01 µg/L	15 µg/L	05/16/17	01:37	1	2 µg/L

Sample description: Drinking Water / 1st Draw / DWS5352-10
Sample location: NS-SO-CST-ROOM
Sampled by: E. Bischoff
Sample date: 04/27/17
Time: 06:30
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	**17.1 µg/L**	15 µg/L	05/16/17	01:43	1	2 µg/L

Sample description: Drinking Water / 1st Draw / DWS5352-11
Sample location: NS-FC-HW MAIN ENTRANCE
Sampled by: E. Bischoff
Sample date: 04/27/17
Time: 06:33
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/16/17	01:55	1	2 µg/L

Sample description: Drinking Water / 1st Draw / DWS5352-12
Sample location: NS-FB-KGR
Sampled by: E. Bischoff
Sample date: 04/27/17
Time: 06:41
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	5.15 µg/L	15 µg/L	05/16/17	02:01	1	2 µg/L

Sample description: Drinking Water / 1st Draw / DWS5352-13
Sample location: NS-FC-GIRL LOCKER ROOM
Sampled by: E. Bischoff
Sample date: 04/27/17
Time: 06:43
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/16/17	02:07	1	2 µg/L

Sample description: Drinking Water / 1st Draw / DWS5352-14
Sample location: NS-FC-HW-MAIN OFFICE
Sampled by: E. Bischoff
Sample date: 04/27/17
Time: 06:45
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/16/17	02:13	1	2 µg/L

Sample description: Drinking Water / 1st Draw / DWS5352-15
Sample location: NS-FC-HW-SCIENCE
Sampled by: E. Bischoff
Sample date: 04/27/17
Time: 06:46
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/16/17	02:20	1	2 µg/L

Sample description: Drinking Water / 1st Draw / DWS5352-16
Sample location: NS-FC-BOYS LOCKER ROOM
Sampled by: E. Bischoff
Sample date: 04/27/17
Time: 06:48
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/16/17	02:25	1	2 µg/L

Sample description: Drinking Water / 1st Draw / DWS5352-17
Sample location: NS-KO-KITCHEN
Sampled by: E. Bischoff
Sample date: 04/27/17
Time: 06:50
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	6.07 µg/L	15 µg/L	05/16/17	02:31	1	2 µg/L

Sample description: Drinking Water / 1st Draw / DWS5352-18
Sample location: NS-SG-OUTSIDE KITCHEN/GYM
Sampled by: E. Bischoff
Sample date: 04/27/17
Time: 06:57
Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	**144 µg/L**	15 µg/L	05/16/17	02:46	1	2 µg/L

µg/L = micrograms per liter

All testing was done within the required holding time.

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

Susan VanVeen
Susan VanVeen, Lab Manager
NJ Laboratory Certification ID # 14013

5/23/17
Date