



HEALTH, SAFETY & RISK MANAGEMENT

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New Paltz Central School District

Lead in Drinking Water

Remediation Compliance Program

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BRINGING ULSTER COUNTY SCHOOLS TOGETHER TO ENHANCE TEACHING & LEARNING

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INTRODUCTION

In order to be used as healthful fluid for human consumption, water must be free from organisms that are capable of causing disease and largely free from minerals and organic substances that can produce adverse physiological effects. Lead can cause serious health problems if too much enters your body from drinking water or other sources. The main sources of lead exposure are lead-based paint and lead-contaminated dust or soil but water is also a possible source of exposure. Most lead gets into drinking water after it leaves the local well or treatment plant and comes into contact with plumbing materials containing lead. These can include lead pipes, lead solder (commonly used until 1986), as well as faucets, valves, and other components made of brass. Removing such components and replacing them with lead-free (LF) materials is a means of reducing the level of lead in drinking water. Running water for 15-30 seconds prior to use for consumption or cooking also reduces the amount of lead. In September 2016, New York Gov. Andrew Cuomo signed legislation requiring schools to sample all water outlets that could potentially be used for drinking or cooking for lead. The New Paltz CSD met all required deadlines and is in the process of remediating those outlets that exceeded the 15 ppb action level. This program will be updated as more information becomes available.

Lead in Water Remediation Plan

Pursuant to the requirement of *Subpart 67-4: Lead Testing in School Drinking Water* the New Paltz Central School District tested all water outlets that could potentially be used for drinking or cooking purposes. Some of these outlets tested above the 15 ppb action level. These outlets were taken out of service as soon as laboratory reports were received and reviewed by the district. The district's remediation efforts are described below.

Remediation Key

A	Replaced plumbing components
B	Replaced plumbing fixture
C	Replaced plumbing fixture & accessible piping
D	Installed Lead Reduction Filter
E	Took fixture permanently out of service
F	Implemented Standard Operating Procedures*
G	Other (Explain)

* Fixture Not for Consumption – no follow-up sampling required

Building	Location	Initial Sample Result	Remediation	Follow-Up Sample Result
Duzine 	Room 28 Sink	19	C	7.1
	Room 31 Toilet Room Sink	140	C	14
	Room 25 Sink	24	C	12
	Room 20 Sink	18	C	6.7
	Room 18 Sink	34	C	9.9
	Room 16 Sink	34	C	9.9
	Room 14 Sink	22	C	6.9
	Room 10 Sink	16	C	11

Duzine	Room 8 Sink	17	C	7.9
	Room 6 Sink	16	C	9.5
	Room 4 Sink	17	C	12
	Room 2 Sink	29	C	9.7
Lenape	Kitchen Center Sink	53	C	9.5
	Kitchen Coffee Pot Sink	41	C	11
	Room 115 Sink	19	C	Pending
	Room 118 Sink	26	C	Pending
	Room 121 Toilet Room Sink	16	C	Pending
	Room 102 Left Sink	26	C	13
	Room 104 Left Sink	19	C	7.5
	Room 209 Sink	16	C	2.0
	Room 216 Lab Sink	19	F	---
	Room 216 Lab Sink	18	F	---
	Room 216 Lab Sink	22	F	---
	Room 219 Sink	18	C	9.0
NPHS	Men's Toilet Room Near Main Office Sink	190	C	Pending
	Room 180 Sink	70	C	Pending
	Room 121 Large Sink Right	22	E	---
	Room 131 Lab Sink	41	F	---
	Room 131 Lab Sink	62	F	---
	Room 131 Lab Sink	23	F	---
	Room 131 Lab Sink	100	F	---
	Room 131 Lab Sink	100	F	---
	Room 131 Lab Sink	46	F	---

NPHS	Room 133 Lab Sink	90	F	---
	Room 133 Lab Sink	32	F	---
	Room 133 Lab Sink	37	F	---
	Room 133 Lab Sink	65	F	---
	Room 133 Lab Sink	95	F	---
	Room 133 Lab Sink	38	F	---
	Room 213 West Wall Sink	51	C	11
	Room 211 Lab Sink	27	F	---
	Room 211 Lab Sink	24	F	---
	Room 211 Lab Sink	18	F	---
	Room 211 Lab Sink	30	F	---
	Room 211 Lab Sink	30	F	---
	Room 211 Lab Sink	53	F	---
	Room 211 Lab Sink	28	F	---
	Room 211 Lab Sink	26	F	---
	Room 211 Lab Sink	16	F	---
	Room 214 Lab Sink	51	F	---
	Room 212 Lab Sink	35	F	---
	Room 212 Lab Sink	20	F	---
	Room 212 Lab Sink	23	F	---
	Room 212 Lab Sink	25	F	---
	Room 212 Lab Sink	25	F	---
	Room 212 Lab Sink	16	F	---
	Room 212 Lab Sink	34	F	---
	Room 212 Lab Sink	22	F	---
	Room 212 Lab Sink	30	F	---

NPHS	Room 212 Lab Sink	23	F	---
	Room 209 Lab Sink	48	F	---
	Room 209 Lab Sink	19	F	---
	Room 209 Lab Sink	18	F	---
	Room 209 Lab Sink	18	F	---
	Room 209 Lab Sink	17	F	---
	Room 209 Lab Sink	17	F	---
	Room 209 Lab Sink	25	F	---
	Room 207 Lab Sink	27	F	---
	Room 231 Lab Sink	39	F	---
	Room 231 Lab Sink	37	F	---
	Room 231 Lab Sink	72	F	---
	Room 231 Lab Sink	99	F	---
	Room 231 Lab Sink	160	F	---
	Room 231 Lab Sink	63	F	---
	Room 233 Lab Sink	31	F	---
	Room 246M Sink	34	C	Pending
	Room 246W Sink	63	C	Pending
NPMS	Room 5C Toilet Room Sink	16	C	Pending
	Room 6 Sink Faucet	350	C	Pending
	Room 6 Toilet Room Sink	110	C	Pending
	Room 1 Sink	28	C	Pending
	Room 1 Bubbler	16	E	---
	Boy's Locker Room Left Sink	19	C	Pending
	Men's Toilet Room Near Gym Left Sink	24	C	Pending

NPMS	Men's Toilet Room Near Gym Right Sink	24	C	Pending
	Women's Toilet Room Near Gym Right Sink	21	C	Pending
	Room 25 Sink	38	C	Pending
	Room 36 Toilet Room Sink	290	E	---
	Room 42 Left Sink	46	C	9.9
	Room 42 Center Sink	19	C	14
	Room 42 Right Sink	16	C	8.8
	Room 30 Sink	37	C	Pending
	Room 31 Lab Sink	19	F	---
	Room 31 Lab Sink	22	F	---
	Room 31 Lab Sink	21	F	---
	Room 31 Lab Sink	17	F	---
	Room 31 Lab Sink	32	F	---
	Room 31 Lab Sink	16	F	---
	Room 31 Lab Sink	31	F	---
	Room 31 Lab Sink	22	F	---
	Room 31 Lab Sink	32	F	---
	Room 31 Lab Sink	19	F	---
	Room 31 Lab Sink	16	F	---
	Room 31 Lab Sink	17	F	---
	Room 31 Lab Sink	16	F	---
	Room 31 Lab Sink	23	F	---
	Room 31 Lab Sink	19	F	---
↓	Room 31 Lab Sink	73	F	---

NPMS	Room 31 Lab Sink	22	F	---
	Room 31 Lab Sink	38	F	---
	Rom 31/32 Prep Lab Sink	160	F	---
	Room 33 Lab Sink	42	F	---
	Room 33 Lab Sink	23	F	---
	Room 33 Lab Sink	31	F	---
	Room 33 Lab Sink	48	F	---
	Room 33 Lab Sink	26	F	---
	Room 33 Lab Sink	33	F	---
	Room 33 Lab Sink	20	F	---
	Room 33 Lab Sink	57	F	---
	Room 33 Lab Sink	31	F	---
	Room 33 Lab Sink	17	F	---
	Room 33 Lab Sink	230	F	---
	Room 33 Lab Sink	18	F	---
	Room 33 Lab Sink	71	F	---
	Room 33 Lab Sink	41	F	---
	Room 33 Lab Sink	21	F	---
	Room 33 Lab Sink	21	F	---
	Room 33 Lab Sink	21	F	---
	Room 33 Lab Sink	72	F	---
	Room 33 Lab Sink	170	F	---
	Loading Dock Hose Bib	19	F	---
	East Side Hose B	95	F	---
	Principal's Toilet Room Sink	210	C	Pending

Lead in Water

Standard Operating Procedures for Non-Potable Outlets

In compliance with the requirements of Subpart 67-4 of Title 10 the New Paltz Central School District had water outlets that could potentially be used for cooking or drinking tested for the presence of lead. Some of those outlets had lead levels exceeding the 15 ppb action level. Many of these outlets were of the type (e.g. lab sinks) that are not intended to be used for consumption. The New Paltz CSD has developed, and will implement, these Standard Operating Procedures (SOPs) to ensure that these outlets are not used for consumption. The Ulster County Health Department has reviewed these SOPs for implementation.

- **Laboratory Sinks & Fixtures:** Section XI. E. of the districts' Chemical Hygiene Plan prohibits eating or drinking in the lab, prep rooms or chemical storage areas. Labs will remain locked at all times that the room is unoccupied and the teacher will monitor the sinks and instruct the students that lab sinks are not to be used for drinking. The attached signage will be posted on each wall of the lab. The teacher and custodial staff will ensure the signage remains in place.
- **Custodial Sinks:** The district's custodial staff will be informed that water from utility/curb sinks in custodial closets/areas is never to be used for drinking. Closets/areas will be locked at all times and access to these areas will be restricted to custodial & maintenance personnel.
- **Outside Hose Bibs/Spigots:** Hose bibs & spigots that cannot be adequately secured will be permanently taken out of service. The remaining fixtures will be locked out with a hose bib lock and only employees of the district's buildings & grounds department will have access to them. Such employees will be instructed that water from these fixtures is not to be used for drinking, filling of coolers or the watering of vegetable gardens.



Example of hose bib lock out

No Drinking or Eating in the Laboratory



Non-Potable Water Do Not Drink

