

Greenwich Central School

"Scholarship, Character, Community - Cultivating the Future"

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December 12, 2016

Dear Parents and Staff Members:

On September 6, 2016 Governor Andrew Cuomo signed legislation which requires all public schools in New York State to test all potable water sources for lead. We understand this legislation is the first of its kind in the United States.

In anticipation of the Governor's signature the District contracted with Pace Analytical to test water samples in accordance with the United States Environmental Protection Agency (EPA) 3-T's protocol. Pace Analytical's Laboratory which is certified by the New York State Department of Health. The level of lead concentration at a water outlet that requires us to take action is above (15) parts per billion.

On September 24, 2016 a total of 63 sources of water were collected at the primary building and analyzed at the Pace Analytical Laboratory on December 7, 2016. The District obtained results on December 9, 2016. Fifty-two (52) sources tested are in compliance with the Environmental Protection Agency (EPA) and New York State Department of Health Action Level for schools. Eleven (11) sources tested just over the EPA action level of 15 parts per billion. These sources are mainly sinks, only one water fountain tested just over the EPA action level of 15 parts per billion. In regard to the areas with elevated testing levels, upon receiving the analytical results the District took immediate action to post no drinking, hand washing only, signs above the source of water, and shut down one water fountain. The District is working with Pace Analytical, relying on their expertise and taking necessary steps to address the matter.

In compliance with the newly enacted legislation, the District was conducting sampling from all sources of potable water. Therefore, the District has taken sample water from all water outlets prior to the initial mandatory compliance date of October 31, 2016 and all samples have been sent to Pace Analytical for testing. Attached is a summary of all the primary building sample results for you to review. Further analytical documentation will be forthcoming as soon as it becomes available.

Please be assured that the health and wellness of our students and staff is very important to us and that we will take all steps necessary to ensure that the water in our buildings is safe.

If you have any questions regarding this process, please contact me.

Sincerely,



Mark Fish
Superintendent of Schools

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MORE INFORMATION ABOUT LEAD AND DRINKING WATER IN SCHOOLS

United States Environmental Protection Agency Testing Schools and Child Care Centers for Lead in the Drinking Water, <https://www.epa.gov/dwreginfo/testing-schools-and-child-care-centers-lead-drinking-water>

New York State Education Department information on lead and drinking water, http://www.p12.nysed.gov/facplan/HealthSafety/GetLeadOut_042105.html

New York Department of Health Website, (<https://www.health.ny.gov/publications/2508/>) *The Environmental Protection Agency's "3 T's for Reducing Lead in Drinking Water in Schools"* (www.epa.gov/sites/production/files/2015-09/documents/toolkit_leadschools_guide_3ts_leadschools.pdf)

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.

Sample Identification # and Location	Date/Time Collected	Date/Time Analyzed	Container ID	Analyte	Results	NYSDOH Action
Sink Room 1 PM-01.1	9/24/2016 07:42	12/7/2016 17:07	10371294001	Lead	10.7	15
Sink Room 1 PM-01.2	9/24/2016 07:44	12/7/2016 17:12	10371294002	Lead	8.8	15
Drinking Fountain-01.3	9/24/2016 07:45	12/7/2016 17:13	10371294003	Lead	10.2	15
Sink Room 2 PM-02.1	9/24/2016 07:47	12/7/2016 17:15	10371294004	Lead	11.3	15
Sink Room 2 PM-02.2	9/24/2016 07:48	12/7/2016 17:16	10371294005	Lead	10.3	15
Drinking Fountain-02.3	9/24/2016 07:50	12/7/2016 17:20	10371294006	Lead	4.1	15
Sink Room 3 PM-03.1	9/24/2016 07:56	12/7/2016 17:21	10371294007	Lead	17.5	15
Sink Room 3 PM-03.2	9/24/2016 07:57	12/7/2016 17:22	10371294008	Lead	4.7	15
Sink Room 4 PM-04.1	9/24/2016 07:53	12/7/2016 17:24	10371294009	Lead	18.1	15
Sink Room 4 PM-04.2	9/24/2016 07:54	12/7/2016 17:25	10371294010	Lead	6.8	15
Sink Room 5 PM-05.1	9/24/2016 08:03	12/7/2016 17:26	10371294011	Lead	20.9	15
Sink Room 5 PM-05.2	9/24/2016 08:04	12/7/2016 17:29	10371294012	Lead	7.6	15
Sink Rm 6 PM-06.1	9/24/2016 07:59	12/7/2016 17:30	10371294013	Lead	24.8	15
Sink Rm 6 PM-06.2	9/24/2016 08:00	12/7/2016 17:31	10371294014	Lead	8.6	15
Sink Rm 7 PM-07.1	9/24/2016 08:10	12/7/2016 17:36	10371294015	Lead	9.7	15
Sink Rm 7 PM-07.2	9/24/2016 08:11	12/7/2016 17:37	10371294016	Lead	22.2	15
Sink Rm 8 PM-08.1	9/24/2016 08:07	12/7/2016 17:39	10371294017	Lead	7.2	15
Sink Rm 8 PM-08.2	9/24/2016 08:08	12/7/2016 17:40	10371294018	Lead	5.4	15
Sink Rm 9 PM-09.1	9/24/2016 08:20	12/7/2016 17:41	10371294019	Lead	18.2	15
Sink Rm 10 PM-10.1	9/24/2016 08:12	12/7/2016 17:43	10371294020	Lead	20.8	15
Sink Rm 10 PM-10.2	9/24/2016 08:13	12/7/2016 16:28	10371294021	Lead	23.3	15
Sink Nurse PM-12.1	9/24/2016 08:27	12/7/2016 16:36	10371294022	Lead	3.0	15
Sink Nurse PM-12.2	9/24/2016 08:28	12/7/2016 16:37	10371294023	Lead	1.5	15
Drink Fountain Gym PM-DFG	9/24/2016 08:34	12/7/2016 16:38	10371294024	Lead	6.8	15
Drink Fountain Cafe PM-DFC	9/24/2016 08:41	12/7/2016 16:39	10371294025	Lead	2.5	15
Sink Kitchen PM-KS.1	9/24/2016 08:39	12/7/2016 16:41	10371294027	Lead	6.3	15
Sink Kitchen Bath PM-KS.2	9/24/2016 08:47	12/7/2016 16:42	10371294028	Lead	9.1	15
Sink Rm 21 PM-21	9/24/2016 09:12	12/7/2016 16:43	10371294029	Lead	5.5	15
Sink Rm 22 PM-22	9/24/2016 09:15	12/7/2016 16:45	10371294030	Lead	9.3	15
Sink Rm 23 PM-23	9/24/2016 09:10	12/7/2016 16:46	10371294031	Lead	7.1	15
Sink Rm 24 PM-24	9/24/2016 09:11	12/7/2016 16:49	10371294032	Lead	10.2	15
Sink Rm 25 PM-25	9/24/2016 09:04	12/7/2016 16:52	10371294033	Lead	5.3	15
Sink Rm 26 PM-26	9/24/2016 09:06	12/7/2016 16:53	10371294034	Lead	8.3	15
Sink Rm 27 PM-27	9/24/2016 08:59	12/7/2016 16:54	10371294035	Lead	25.9	15
Sink Rm 28 PM-28	9/24/2016 09:01	12/7/2016 16:56	10371294036	Lead	8.5	15
Sink Boys Room-PM-BR.1	9/24/2016 08:57	12/7/2016 16:57	10371294037	Lead	1.8	15
Sink Boys Room-PM-BR.2	9/24/2016 08:58	12/7/2016 16:58	10371294038	Lead	2.7	15
Sink Girls Room-PM-GR.1	9/24/2016 08:55	12/7/2016 17:00	10371294039	Lead	1.3	15
Sink Girls Room-PM-GR.2	9/24/2016 08:56	12/7/2016 17:01	10371294040	Lead	1.4	15
DF Room 3 PM 03.3	9/24/2016 07:58	12/9/2016 00:28	10371294041	Lead	4.1	15
DF Room 4 PM 04.3	9/24/2016 07:55	12/9/2016 00:46	10371294042	Lead	6.6	15
DF Room 5 PM 05.3	9/24/2016 08:05	12/9/2016 00:49	10371294043	Lead	7.8	15
DF Room 6 PM 06.3	9/24/2016 08:01	12/9/2016 00:52	10371294044	Lead	19.5	15
Sink Room 7 PM 07.3	9/24/2016 08:12	12/9/2016 00:55	10371294045	Lead	16.3	15
DF Room 8 PM 08.3	9/24/2016 08:09	12/9/2016 00:58	10371294046	Lead	3.0	15
DF Room 10 PM 10.3	9/24/2016 08:15	12/9/2016 01:01	10371294047	Lead	2.7	15
Sink Room 13 PM 10.4	9/24/2016 08:14	12/9/2016 01:04	10371294048	Lead	2.1	15
Sink Library 13 PM 13.1	9/24/2016 08:31	12/9/2016 01:07	10371294049	Lead	3.1	15
Sink Cafe 13 PM 13.2	9/24/2016 08:44	12/9/2016 01:17	10371294050	Lead	3.4	15
Sink Main Hall BR.1 PM BR.1	9/24/2016 08:24	12/9/2016 01:20	10371294051	Lead	2.5	15

Sink Main Hall GR.2 PM GR.2	9/24/2016 08:26	12/9/2016 01:23	10371294052	Lead	1.4	15
Sink Teachers Lounge PM TL.1	9/24/2016 09:19	12/9/2016 01:26	10371294053	Lead	4.6	15
Sink Womens Rm TL PM TL.2	9/24/2016 09:22	12/9/2016 01:29	10371294054	Lead	2.4	15
Sink Mens Rm TL PM TL.3	9/24/2016 09:24	12/9/2016 01:32	10371294055	Lead	2.0	15
DF Room 21 PM DF 21	9/24/2016 09:13	12/9/2016 01:35	10371294056	Lead	8.2	15
DF Room 22 PM DF 22	9/24/2016 09:14	12/9/2016 01:38	10371294057	Lead	2.2	15
DF Room 23 PM DF 23	9/24/2016 09:09	12/9/2016 01:41	10371294058	Lead	2.1	15
DF Room 24 PM DF 24	9/24/2016 09:12	12/9/2016 01:44	10371294059	Lead	3.0	15
DF Room 25 PM DF 25	9/24/2016 09:05	12/9/2016 01:53	10371294060	Lead	2.9	15
DF Room 26 PM DF 26	9/24/2016 09:07	12/7/2016 20:26	10371294061	Lead	1.7	15
DF Room 27 PM DF 27	9/24/2016 09:00	12/7/2016 20:29	10371294062	Lead	5.8	15
DF Room 28 PM DF 28	9/24/2016 09:02	12/7/2016 20:32	10371294063	Lead	5.6	15
Sink Rm 19 PM-19.1	9/24/2016 08:37	12/7/2016 20:35	10371294064	Lead	2.9	15

NYSDOH Action Level for Lead of 15 ppb

Total	63	
Over	11	17%