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Dr. Christina Van Woert
 Superintendent of Schools

Melissa Simmons
 School Business Administrator/
 Board Secretary

Chester Public Schools
 Black River Middle School
 133 North Rd,
 Chester, NJ 07930

Dear Black River Middle School 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, Chester Public Schools tested our schools' drinking water for lead.

In accordance with the NJ Department of Education regulations, Chester Public Schools will implement immediate remedial measures for any drinking water outlet with a result greater than the Lead Action Level of 15.5 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 guidance provided by the EPA, we completed a limited plumbing profile for each of the buildings within Chester Public Schools. Through this effort, we identified and tested all drinking water and food preparation outlets. Of the twenty (20) samples collected from Black River Middle School, all but one (1) tested below the Lead Action Level.

The table below identifies the drinking water outlets that tested above the 15.5 PPB for lead, the actual lead level, and what temporary remedial action the Chester Public Schools has taken to reduce the levels of lead at these locations.

Sample Location	First Draw Result in µg/l (ppb)	Remedial Action
Bubbler Water Fountain. Hall by Room 28	18.3	Immediately took fixture out of service

The District has several fountains in the vicinity, therefore no other measures needed to be taken.



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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 central office for inspection by the public, including students, teachers, other school personnel, and parents, and can be viewed between the hours of 8:00 a.m. and 4:00 p.m. and are also available on our website at <https://www.chester-nj.org/>. For more information about water quality in our schools, contact Jordan Carroll at the Chester BOE, 908-879-7373 x7322.

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.



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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,

Christina Van Woert

Dr. Christina Van Woert
Superintendent of Schools



CERTIFICATE OF ANALYSIS

Customer : Garden State Environmental
555 South Broad Street, Suite K
Glen Rock, NJ 07452

Project ID : Chester Public Schools #6745, Dickerson
PAS Project ID : P17-2874

Matrix : Drinking Water
Report Date : 6/23/2017

PAS Sample ID	Client ID	Analysis	Results	Units	DF	PQL	MDL	MCL	Method	Date Sampled	Date Analyzed
P17-2874-01	CD-1-B-01A	Lead	0.627 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:17	6/9/17 10:47
P17-2874-02	CD-1-B-02A	Lead	0.923 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:19	6/9/17 10:55
P17-2874-03	CD-1-B-03A	Lead	0.923 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:22	6/9/17 11:06
P17-2874-04	CD-1-B-04A	Lead	15.4	ug/L	2	4.00	0.850	15.0 *	SM 3113 B	6/3/17 08:24	6/9/17 12:07
P17-2874-05	CD-1-B-05A	Lead	6.53	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:25	6/9/17 11:21
P17-2874-06	CD-1-B-06A	Lead	3.87	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:26	6/9/17 11:24
P17-2874-07	CD-1-B-07A	Lead	5.65	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:27	6/9/17 11:28
P17-2874-08	CD-1-B-08A	Lead	2.99	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:29	6/9/17 11:32
P17-2874-09	CD-1-B-09A	Lead	1.51 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:31	6/9/17 11:36
P17-2874-10	CD-1-S-01A	Lead	0.923 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:32	6/9/17 11:39
P17-2874-11	CD-1-B-10A	Lead	1.22 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:34	6/9/17 11:43
P17-2874-12	CD-1-B-11A	Lead	10.1	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:35	6/9/17 11:47
P17-2874-13	CD-1-B-12A	Lead	6.53	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:36	6/9/17 12:11
P17-2874-14	CD-1-B-13A	Lead	2.40	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:38	6/9/17 12:15
P17-2874-15	CD-1-S-02A	Lead	4.17	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:41	6/9/17 12:19
P17-2874-16	CD-1-B-14A	Lead	11.5	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:44	6/9/17 12:23
P17-2874-17	CD-1-B-15A	Lead	0.627 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:45	6/9/17 12:26
P17-2874-18	CD-1-B-16A	Lead	2.69	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:46	6/9/17 12:30
P17-2874-19	CD-1-B-17A	Lead	4.46	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:48	6/9/17 12:34
P17-2874-20	CD-1-B-19A	Lead	5.35	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:51	6/9/17 12:38
P17-2874-21	CD-1-B-20A	Lead	2.10	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 08:53	6/9/17 13:01
P17-2874-22	CD-1-B-21A	Lead	9.19	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 09:03	6/9/17 13:09
P17-2874-23	CD-1-B-22A	Lead	3.87	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 09:09	6/9/17 13:24
P17-2874-24	CD-1-B-23A	Lead	3.28	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 09:11	6/9/17 13:27
P17-2874-25	CD-1-B-24A	Lead	0.923 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 09:13	6/9/17 13:31
P17-2874-26	CD-1-B-25A	Lead	1.22 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 09:15	6/9/17 13:35
P17-2874-27	CD-1-B-26A	Lead	ND	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 09:16	6/9/17 13:46
P17-2874-28	CD-1-B-27A	Lead	0.627 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 09:18	6/9/17 13:50
P17-2874-29	CD-1-B-28A	Lead	0.627 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 09:19	6/9/17 13:54
P17-2874-30	CD-1-B-29A	Lead	2.69	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 09:21	6/9/17 13:57
P17-2874-31	CD-1-B-30A	Lead	4.76	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 09:25	6/9/17 14:01
P17-2874-32	CD-1-B-31A	Lead	0.627 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 09:27	6/9/17 14:05
P17-2874-33	CD-1-WC-01A	Lead	ND	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 09:30	6/9/17 14:09
P17-2874-34	CD-1-BF-01A	Lead	ND	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 09:31	6/9/17 14:13
P17-2874-35	CD-1-WC-02A	Lead	ND	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 09:31	6/9/17 14:17
P17-2874-36	CD-6-3-FBA	Lead	ND	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 09:34	6/9/17 14:48

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- PQL = Practical Quantitation Limit
- MDL = Minimum Detection Limit
- MCL = Maximum Contaminant Level
- DF = Dilution Factor
- ND = Analyzed for but not detected
- J = Estimated result
- * Federal Action Level

All samples are analyzed in accordance with
New Jersey Department of Environmental
Protection Protocol

Mark D. Feitelson, Lab. Director



CERTIFICATE OF ANALYSIS

Customer : Garden State Environmental
555 South Broad Street, Suite K
Glen Rock, NJ 07452

Project ID : Chester Public Schools #6745, Bragg
PAS Project ID : P17-2876

Matrix : Drinking Water
Report Date : 6/23/2017

PAS Sample ID	Client ID	Analysis	Results	Units	DF	PQL	MDL	MCL	Method	Date Sampled	Date Analyzed
P17-2876-01	CBG-1-WC-01A	Lead	0.571 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:09	6/12/17 12:07
P17-2876-02	CBG-1-B-01A	Lead	1.29 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:11	6/12/17 12:11
P17-2876-03	CBG-1-B-02A	Lead	7.30	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:14	6/12/17 12:15
P17-2876-04	CBG-1-B-03A	Lead	0.571 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:17	6/12/17 12:26
P17-2876-05	CBG-1-S-01A	Lead	1.53 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:19	6/12/17 12:30
P17-2876-06	CBG-1-B-04A	Lead	3.45	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:21	6/12/17 12:34
P17-2876-07	CBG-1-WC-03A	Lead	ND	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:22	6/12/17 12:38
P17-2876-08	CBG-1-BF-01A	Lead	ND	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:22	6/12/17 12:42
P17-2876-09	CBG-1-B-05A	Lead	0.811 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:25	6/12/17 12:45
P17-2876-10	CBG-1-B-06A	Lead	4.89	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:26	6/12/17 12:49
P17-2876-11	CBG-1-B-07A	Lead	4.89	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:29	6/12/17 12:53
P17-2876-12	CBG-1-B-08A	Lead	8.50	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:32	6/12/17 12:57
P17-2876-13	CBG-1-B-09A	Lead	8.98	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:34	6/12/17 13:09
P17-2876-14	CBG-1-B-10A	Lead	5.62	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:36	6/12/17 13:12
P17-2876-15	CBG-1-B-11A	Lead	2.01	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:39	6/12/17 13:52
P17-2876-16	CBG-1-B-12A	Lead	1.53 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:41	6/12/17 13:24
P17-2876-17	CBG-1-B-13A	Lead	3.21	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:44	6/12/17 14:00
P17-2876-18	CBG-1-WC-04A	Lead	0.571 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:46	6/12/17 14:04
P17-2876-19	CBG-1-WC-05A	Lead	0.571 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:46	6/12/17 14:07
P17-2876-20	CBG-1-B-15A	Lead	5.62	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:51	6/12/17 14:11
P17-2876-21	CBG-1-B-14A	Lead	2.73	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:53	6/12/17 14:15
P17-2876-22	CBG-1-B-16A	Lead	9.94	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 10:57	6/12/17 14:18
P17-2876-23	CBG-1-B-17A	Lead	8.26	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 11:00	6/12/17 14:22
P17-2876-24	CBG-1-B-18A	Lead	4.65	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 11:01	6/12/17 14:33
P17-2876-25	CBG-1-B-19A	Lead	4.89	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 11:02	6/12/17 14:37
P17-2876-26	CBG-1-B-20A	Lead	2.25	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 11:04	6/12/17 14:41
P17-2876-27	CBG-1-S-03A	Lead	1.53 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 11:08	6/12/17 14:44
P17-2876-28	CBG-1-S-02A	Lead	3.21	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 11:09	6/12/17 14:48
P17-2876-29	CBG-1-B-22A	Lead	1.53 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 11:10	6/12/17 14:52
P17-2876-30	CBG-1-B-23A	Lead	1.77 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 11:11	6/12/17 14:56
P17-2876-31	CBG-1-B-24A	Lead	8.74	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 11:12	6/12/17 15:00
P17-2876-32	CBG-1-B-25A	Lead	0.571 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 11:15	6/12/17 15:04
P17-2876-33	CBG-1-B-26A	Lead	1.05 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 11:17	6/12/17 15:15
P17-2876-34	CBG-1-B-27A	Lead	5.14	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 11:20	6/12/17 15:23
P17-2876-35	CBG-1-B-28A	Lead	5.86	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 11:22	6/12/17 15:35
P17-2876-36	CBG-6-3-FBA	Lead	ND	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 11:23	6/12/17 15:38
P17-2876-37	CBG-1-B-29A	Lead	1.53 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 11:19	6/12/17 15:42

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- MDL = Minimum Detection Limit
- MCL = Maximum Contaminant Level
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- ND = Analyzed for but not detected
- J = Estimated result
- * Federal Action Level

All samples are analyzed in accordance with New Jersey Department of Environmental Protection Protocol

Mark D. Feitelson, Lab. Director



CERTIFICATE OF ANALYSIS

Customer : Garden State Environmental
555 South Broad Street, Suite K
Glen Rock, NJ 07452

Project ID : Chester Public Schools #6745, Black River Middle School
PAS Project ID : P17-2875

Matrix : Drinking Water
Report Date : 6/23/2017

PAS Sample ID	Client ID	Analysis	Results	Units	DF	PQL	MDL	MCL	Method	Date Sampled	Date Analyzed
P17-2875-01	CBR-1-B-01A	Lead	4.43	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:06	6/9/17 14:39
P17-2875-02	CBR-1-B-02A	Lead	11.0	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:09	6/9/17 14:47
P17-2875-03	CBR-1-S-01A	Lead	3.90	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:11	6/9/17 14:59
P17-2875-04	CBR-1-B-03A	Lead	3.38	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:13	6/9/17 15:11
P17-2875-05	CBR-1-B-05A	Lead	4.95	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:15	6/9/17 15:15
P17-2875-06	CBR-1-S-02A	Lead	2.59	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:18	6/9/17 15:18
P17-2875-07	CBR-1-WC-01A	Lead	0.754 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:21	6/9/17 15:22
P17-2875-08	CBR-1-S-03A	Lead	2.85	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:25	6/9/17 15:26
P17-2875-09	CBR-1-S-04A	Lead	3.11	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:26	6/9/17 15:30
P17-2875-10	CBR-1-WC-02A	Lead	ND	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:32	6/9/17 15:34
P17-2875-11	CBR-1-BF-01A	Lead	ND	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:32	6/9/17 15:38
P17-2875-12	CBR-1-WC-03A	Lead	1.28 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:33	6/9/17 15:42
P17-2875-13	CBR-1-B-06A	Lead	18.3	ug/L	2	4.00	0.850	15.0 *	SM 3113 B	6/3/17 12:34	6/9/17 17:01
P17-2875-14	CBR-1-WC-04A	Lead	1.02 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:37	6/9/17 15:59
P17-2875-15	CBR-1-WC-05A	Lead	0.754 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:37	6/9/17 16:03
P17-2875-16	CBR-1-WC-06A	Lead	1.28 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:40	6/9/17 16:07
P17-2875-17	CBR-1-S-05A	Lead	2.33	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:42	6/9/17 16:11
P17-2875-18	CBR-1-WC-07A	Lead	0.492 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:45	6/9/17 16:15
P17-2875-19	CBR-1-WC-08A	Lead	1.54 J	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:45	6/9/17 16:19
P17-2875-20	CBR-1-B-07A	Lead	7.84	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:48	6/9/17 16:28
P17-2875-21	CBR-6-3-FBA	Lead	ND	ug/L	1	2.00	0.425	15.0 *	SM 3113 B	6/3/17 12:49	6/9/17 16:57

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