

BERKELEY TOWNSHIP SCHOOL DISTRICT

53 CENTRAL PARKWAY
BAYVILLE, NEW JERSEY 08721-2414

Laura Gingerelli, CPA, RSBA
Business Administrator/Board Secretary

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Dear Parents and Staff,

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 Berkeley Township School District tested all schools' and administrative buildings' drinking water for lead. The results from our initial water samples were received March 17 and April 25, 2017. Follow-up testing was conducted on January 29, 2018.

Remedial Measures

In accordance with the Department of Education regulations, we implemented 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 included decommissioning the outlet. The tables below represent our initial test results as well as our follow-up test results and identify the drinking water outlets that tested above the 15 µg/l for lead, the actual lead level, and what remedial action the Berkeley Township School District has taken to reduce the levels of lead at these locations.

Results of our Testing

INITIAL TEST

Sample Location	First Draw Result (in µg/l (ppb))	Remedial Action
HMP Cafeteria Pot Fillers ID # P17-1645-02 ID # P17-1645-04	71.5 75.4	Decommissioned New faucet, lead filter installed
HMP Classroom K-3 ID # P17-1645-07	31.2	Lead filter installed
Maintenance Building Ice Machine ID # P17-1127-03	22.7	Decommissioned

FOLLOW-UP TEST (1/29/2018) – RESULTS ATTACHED

Sample Location	First Draw Result (in µg/l (ppb))	Remedial Action
HMP Cafeteria Pot Filler ID # P18-0363-01 (Initial Test ID # P17-1645-04)	31.9	Decommissioned
HMP Classroom K-3 ID # P18-0363-02 (Initial Test ID # P17-1645-07)	9.77	No further action required

Information Regarding Lead in Drinking Water

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.

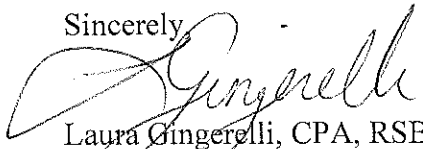
For More Information

A copy of the test results are available in the main office of each school for inspection by the public, including students, teachers, other school personnel, and parents, and can be viewed between normal school hours, and are also available on our website at www.btboe.org. For more information about water quality in our schools, contact Laura Gingerelli, Business Administrator at 732-269-2321, Ext. 3205.

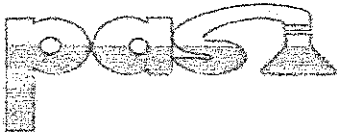
For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's website at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

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,



Laura Gingerelli, CPA, RSBA
Business Administrator/Board Secretary



CERTIFICATE OF ANALYSIS

Customer : Strategic Environmental
25 Butternut Lane
Bayville, NJ 08721

Project ID : H & M Potter Elementary School, 60 Veeder Lane
PAS Project ID : P18-0363

Matrix : Drinking Water
Report Date : 2/5/2018

PAS Sample ID	Client ID	Analysis	Results	Units	DF	PQL	MDL	MCL	Method	Date Sampled	Date Analyzed
P18-0363-01	HM1 1st Draw FP Pot Filler	Lead	31.9	ug/L	3	6.00	1.27	15.0 *	SM 3113 B	1/29/18 05:57	2/2/18 14:26
P18-0363-02	HM6 1st Draw DW K3	Lead	9.77	ug/L	1	2.00	0.430	15.0 *	SM 3113 B	1/29/18 05:59	2/2/18 12:02
P18-0363-03	HM1 Flush FP Pot Filler	Lead	0.480 J	ug/L	1	2.00	0.430	15.0 *	SM 3113 B	1/29/18 06:07	2/2/18 12:26
P18-0363-04	HM6 Flush DW K3	Lead	0.480 J	ug/L	1	2.00	0.430	15.0 *	SM 3113 B	1/29/18 06:02	2/2/18 12:46

Except for the parameters tested, PAS makes no representation as to the fitness or quality of the water sample taken.

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. Fetteison, Lab. Director



Specialties in Drinking Water Testing Technologies in Residential, Industrial & Municipal
PRECISION ANALYTICAL SERVICES, INC.

2181 WHITESVILLE ROAD TOMES RIVER, NJ 08725 PHONE 732-644-1215 FAX 732-614-1615

**CHAIN
 OF
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Customer: Strategic Environmental Svcs.
 Address: 25 Butternut Lane
 Bayville, NJ 08721
 Phone: (732) 269-4204

School Name: H + M Potter Elementary School
 School Address: 60 Veeder Lane
 Sampled By: [Signature]
 Print Name: J. Romano
 RESULTS TO: SEC Inc.

Sample ID Location	Time Collected	Matrix Code	Grab or Comp	Flow Sample	Flow Point	# Containers	Class or Plastic	Analyte	LAB ID
HM1 1st Draw FPPot Filler	5:57 am	DW	Grab			1	250 ml Plastic	Lead	P18-0363-01
HM6 1st Draw DW KB	5:59 am	DW	Grab			1	250 ml Plastic	Lead	1-02
HM1 Flush FPPot Filler	6:07 am	DW	Grab			1	250 ml Plastic	Lead	✓ -03
HM6 Flush DW KB	6:02 am	DW	Grab			1	250 ml Plastic	Lead	P18-0363-04
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	

SAMPLES REC'D UNPRESERVED. PRESERVED IN LAB.

Page 1 of 1 Deliverables: PDF Std. PDF Reduc. PDF Full EDD (use if time preserved with each) 30C

MATRIX CODES: GW = Ground Water, WW = Waste Water, SW = Surface Water, DW = Drinking Water, S = Soil, L = Liquid, SD = Sludge, B = Blank, K = Solid (specify):
 PREP# 0 = Ice 1 = PC, WAT# 2 = H2O4 3 = K2OH, CODE# 4 = H2O2 5 = Other

	Print Name	Signature	Owner	Date + Time
Relinquished:	J. Romano SEC Inc.	[Signature]		1/29/18
Received:	Robin Lee	[Signature]		8:30 AM
Relinquished:				
Received:				
Relinquished:				
Received:				

Preserved in lab 1/29/18 0900 @

Appendix C
Water Outlet Inventory
(To be completed for each school)

Name of School: H + M Potter Elementary School
 Address: 60 Veeder Lane Bayville NJ 08721
 Grade Levels: Pre K - 4
 Year School Constructed: 1974
 Year(s) & Description of Renovations/Additions: 2003
 Individual School Project Officer Name: Mike Cowfield
 Signature: [Signature]
 Date Completed: 1/29/18

Retest for Repairs + New Equipment

#	Type	Location	Code	Chiller (Y/N)	Generator Screen (Y/N)	Modem Advised (Y/N)	Control Panel (Y/N)	Any Leads (Y/N)	Filter (Y/N)	Spring/Water Pumps Make & Model
1	Boiler	HM1	FP							
6	boiler	HM6	DW							

*Use additional sheets as necessary

H.IV: Sampling Event Checklist
Complete on the day of sampling

Before Beginning Sampling:

- Review and Sign QAPP.
- Review School packet prior to sampling- including floor plan with sample locations, outlet inventory including all outlets to be sampled, filter inventory including which water coolers & drinking water fountains have filters, and if applicable pre-sampling event flushing schedule (includes which outlets were flushed, the duration of flushing, and when they were flushed).
- Perform a walk-through of the facility prior to sampling. Identify all outlets to be sampled, and label each outlet with its unique sample location code as it is found in the water outlet inventory.
- Verify that the water has been stagnant for at least 8 hours, but no longer than 48 hours.

Sampling:

- Field Blank.
- Start sampling at the outlet closest to the point of entry.
- For each sampling location record the time that sampling begins.
- Wearing gloves, collect samples into a 250 ml pre-cleaned bottle.
- Record the time all samples are collected.
- AFTER all other samples have been collected, for follow-up flush sampling, collect fifteen minute flushed samples from water coolers.
- Indicate on the Chain of Custody (COC) if the outlet is leaking, the water is discolored, the outlet is turned on, the outlet is not working, or the outlet has a filter.
- Label all Follow-Up Flush Samples with "FLUSH" after their unique sample location code. (e.g. WHS- and WHS - —FLUSH).

After Sampling:

- Record the time that sampling ends.
- Count sampling bottles to make sure all water outlets on the inventory were sampled.

Project Officer:

M. Cowfield

Print Name

[Signature]

Signature

1/29/18

Date

Sampler:

J. Baranco

Print Name

[Signature]

Signature

1/29/18

Date