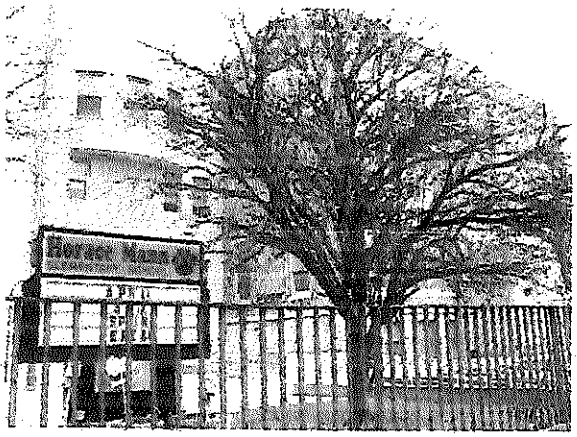
#6 Horace Mann
25 West 38th Street, NJ 07002

Pre-Sampling Report Date: April 27, 2015
Modified Pre-Sampling Report Date: April 30, 2015

Attendees:
Mike Kubert, Superintendent Buildings & Grounds Foundation (BPS)
Erwin Smieszek, EPA New Jersey Office – Sampling Lead
Sarah Peterson, EPA New Jersey Office – Assistant

Building Photo and Description:



Horace Mann School #6 is a K-8 grade school built in 1914. An addition was added in 1924. To the left is a photo of the front entrance (38th Street) taken by EPA.

BPS Sampling/Analytical Results/Remediation:
BPS staff had conducted sampling of Horace Mann School on December 9, 2013. Sampling began on the 3rd floor, then 2nd floor, then 1st floor, and then the basement, where BPS collected 500mL first draw samples for a total of 22 sampled outlets. BPS sampling included bathroom/art room faucets and if 2 or more outlets are next to each other, BPS would sample all outlets. Analytical results were compared to the EPA Lead and Copper Rule (LCR) action limit of 15ppb. Four (4) results exceeded the 15ppb action limit, the bubbler in Room 102 (18 ppb) which as of the EPA walk-thru not been removed, hallway bubbler (left) next to Gym (16ppb) and has been replaced, both Lunch Room bubblers (22ppb and 16ppb) which have been replaced.

EPA Objective and Observations:
Although BPS had conducted sampling, analysis and remediation of some outlets within BPS, the approach used did not follow the Region 2 Children's Health Initiative - EPA 3T's Lead in Drinking Water program. The objective of the pre-sampling walk-thru is to locate the cold water (CW) potable outlets and determine if these outlets require repair (see underlined outlets below) by BPS prior to EPA sampling. EPA also noted whether the outlets were remediated (i.e. removed, replaced).

The attached floor diagram displays the approximate locations of the building's water main entry, water meter and potable water outlets. The water main (39th Street) enters near Room B4 (PTA room) where the water meter is located, and continues to the remainder of the building. There is no in-line water filter or central chiller (to pre-chill the water) prior to water distribution. Plumbing diagrams are not available, therefore, EPA/BPS made an educated guess as to the water piping layout and water distribution through-out the building (see floor diagram).

All CW outlets were observed for leaks, drips, spray pattern, color, temperature (warm/cold), tempered water devices, screens, point of use (POU) filters. There are no outside drinking fountains, water features or lawn sprinkler system.

Note: EPA only samples one outlet of a group of outlets (i.e. if faucet and bubbler, bubbler takes precedence).
Note: Bathrooms/Custodial/Science/Art outlets are not sampled and are only noted if repair is required.

ɔement	by Room B4	Water Main (enters 39th street) and Meter (Brass)
	Room B4 (PTA)	Faucet (screen on).
	Hallway	Two (2) bubbler by elevator. Right bubbler replaced.
	Room B11	Two (2) faucets and bubbler. Bubbler low flow. Left Faucet screen off. BPS did not sample. Should be sampled.
	Lunch Room	Two (2) bubblers. Both bubblers replaced.
1st Floor	Room 102	Bubbler and Faucet. BPS stated in 2.26.15 email that bubbler was removed. As of 4.9.2015 bubbler had not been removed.
	Hallway	Bubbler by Room 101.
	Room 101	Bubbler and Faucet.
	Hallway	Bubbler by office.
	Room 114	Chiller/Faucet combination in Teachers Cafe. Faucet gooseneck to fill coffee. Faucet (on other side of wall) irregular flow (screen on).
	Nurse	Faucet in Bathroom (screen off).
	Hallway	Bubbler (low flow) by Room 111. BPS did not sample. Should be sampled.
	Room 109	Faucet.
2nd Floor	Hallway	Bubbler by Room 204.
	Hallway	Bubbler by Room 217. Bubbler low flow.
	Hallway	Bubbler by Room 213.
3rd Floor	Hallway	Bubbler by Room 303.
	Hallway	Bubbler by Room 317.

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Pre-Sampling Report Date: April 27, 2015
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Note: EPA only samples one outlet of a group of outlets (i.e. if faucet and bubbler, bubbler takes precedence).
Note: Bathrooms/Custodial/Science/Art outlets are not sampled and are only noted if repair is required.

OK
MR+B.K

Basement	by Room B4	Water Main (enters 39th street) and Meter (Brass)
	Room B4 (PTA)	Faucet (screen on).
	Hallway	Two (2) bubbler by elevator. Right bubbler replaced.
	Room B11	Two (2) faucets and bubbler. Bubbler low flow. Left Faucet screen off. BPS did not sample. Should be sampled.
	Lunch Room	Two (2) bubblers. Both bubblers replaced.
1st Floor	Room 102	Bubbler and Faucet. BPS stated in 2.26.15 email that bubbler was removed. As of 4.9.2015 bubbler had not been removed.
	Hallway	Bubbler by Room 101.
	Room 101	Bubbler and Faucet.
	Hallway	Bubbler by office.
	Room 114	Chiller/Faucet combination in Teachers Cafe. Faucet gooseneck to fill coffee. Faucet (on other side of wall) irregular flow (screen on).
	Nurse	Faucet in Bathroom (screen off).
	Hallway	Bubbler (low flow) by Room 111. BPS did not sample. Should be sampled.
	Room 109	Faucet.
2nd Floor	Hallway	Bubbler by Room 204.
	Hallway	Bubbler by Room 217. Bubbler low flow.
	Hallway	Bubbler by Room 213.
3rd Floor	Hallway	Bubbler by Room 303.
	Hallway	Bubbler by Room 317.

#6 Horace Mann
25 West 38th Street, NJ 07002

Pre-Sampling Report Date: April 27, 2015
Modified Pre-Sampling Report Date: April 30, 2015
Sampling Date: April 7, 2016
Sampling Report Date: April 7, 2016

Attendees:
I e Kubert, BPS Superintendent Buildings & Grounds Foundation
Scott Nolan, BPS BOE Code Compliance Supervisor
Erwin Smieszek, EPA New Jersey Office – Sampling Lead
Robert Morrell, EPA New Jersey Office – Sampler

Building Photo and Description:

Horace Mann School #6 is a K-8 grade school built in 1914. An addition was added in 1924. To the left is a photo of the front entrance (38th Street) taken by EPA on April 9, 2015.

Pre-Sampling Walk-thru:

On Thursday, April 9, 2015, Erwin Smieszek (Lead) and Sarah Peterson conducted a Lead in Drinking Water pre-sampling walk-thru of #6 Horace Mann School. See April 30, 2015 modified pre-npling report for objectives and observations.

Sampling Day Introductions/General Conditions

Prior to the sampling event, it was determined that the BPS would not be flushing the outlets.

On Thursday, April 7, 2016, EPA Inspectors Erwin Smieszek (Inspection Lead) and Robert Morrell conducted a Lead in Drinking Water sampling event at the BPS #6 Horace Mann School. EPA met and presented credentials to BPS Mike Kubert and Scott Nolan. Mr. Kubert and Mr. Nolan accompanied EPA during the sampling event. Barbara McGuire (engineer) arrived at 5:15am and was aware that no water is to be used. Ms. McGuire and Mr. Kubert stated that no water was used from the building since 7:30pm April 6, 2016 and the building was locked at 7:30pm on April 6, 2016. There were no do not use water signs posted at the 38th Street (by Room 115) entrance/exit area where EPA/BPS entered to indicate that water sampling was to be conducted.

Sampling Design/Process and Observations:

The water main is located in the Basement. Water sampling would begin with the outlet closest to the water main and continue downstream (see Chain of Custody and Floor Diagrams).

A field reagent blank (FRB) was collected in the Basement PTA room (near sample 01/02) and then water samples were collected. For each outlet sampled, initial and follow-up (30 second) cold-water mples were collected in separate pre-cleaned certified HDPE 250mL wide mouth containers.

Sample codes were either written with permanent marker or labels were placed under each (or next) sampled outlet. Mr. Smieszek provided sampling observations to Mr. Kubert as sampling progressed. Additional sampling information can be found on the attached Floor Diagram and Chain of Custody (COC) form.

	Sample Number	Location	Comments (also see Floor Diagrams/Chain of Custody)
Basement	00	PTA Room	Field Reagent Blank.
Basement	1/2	PTA Room Faucet	Delta Aerator. No POU filter.
Basement	3/4	Lunch Room 2 bubblers	Sampled lower left bubbler Elkay No POU filter.
Basement	5/6	Room B11- Art Room 2 Faucets	Sampled left faucet. Screen off. No POU filter. "Not Drinking Water" sign above sink Note: 4.30.15 report was Lunch Room with 2 faucets/ 1bubbler. BPS did not sample in 2013.
Basement	7/8	Hallway 2 Bubblers by Boys Bathroom.	Sampled lower left bubbler. Halsey Taylor m/n HRFSB s/n131112631 No POU filter.
1st Floor	9/10	Classroom 109 faucet	Metered. Aerator. No POU filter.
1st Floor	11/12	Hallway bubbler by Classroom 111	Halsey Taylor m/n HRFSB s/n130810324 No POU filter. Note: BPS did not sample in 2013.
1st Floor	13/14	Nurse Office faucet	Delta. Screen off. No POU filter.
1st Floor	15/16	Teacher Café Faucet	Delta – single sink. Aerator. No POU filter.
1st Floor	17/18	Teacher Café Chiller.	Stand-alone chiller appears old. Could not see make, m/n, s/n Bubbler and goose neck mounted on chiller. Sampled bubbler.
1st Floor	19/20	Hallway bubbler by Teacher Cafe	No POU filter.
1st Floor	21/22	Hallway bubbler by Classroom 102	No POU filter.
1st Floor	23/24	Classroom 101 2 Faucets	Sampled Right Faucet. Both faucets attached to CW line. Delta. Metered. Aerator. No POU filter. Note: 4.30.15 report had bubbler and faucet.
1st Floor	25/26	Classroom 102 2 Faucets	Sampled Right Faucet. Both faucets attached to CW line. Delta. Metered. Aerator. No POU filter. Note: 4.30.15 report had bubbler and faucet.
Note: Custodial Closet (Room 106) had continuous Cold Water drip.			
2nd Floor	27/28	Hallway bubbler by Classroom 213	No POU filter.

2nd Floor	29/30	Hallway bubbler by Classroom 214	No POU filter.
2nd Floor	31/32	Hallway bubbler by Classroom 204	No POU filter.
3rd Floor	33/34	Hallway bubbler by Classroom 318	No POU filter.
3rd Floor	35/36	Hallway bubbler by Classroom 309	Elkay m/n EDFP210C s/n 141226580 No POU filter.

No sampling deviations were made from the EPA Quality Assurance Project Plan (QAPP). No photos were taken.

After sampling complete, bubblers not sampled in banks of 2 were turned on (see notes above). Mr. Kubert stated on March 23, 2016 that BPS has for the past few weeks begun a daily flushing routine at all schools. School custodians will flush all outlets (except bathrooms/slop sinks) prior to student arrival for approximately 60 seconds.

Eighteen (18) potable water outlets, for a total of thirty-six (36) (initial and follow-up) plus one (1) Field Reagent Blank were collected. All samples were preserved with nitric acid (HNO3) to a pH < 2 at the EPA Laboratory.

Attachments

Chain of Custody's (4 pages)
Building Floor Diagrams (4 pages)

Table 1.
OUTLET/ PLUMBING/ SAMPLE CODE

CODE	TYPE OF OUTLET OR PLUMBING	INITIAL SCREENING (1ST DRAW) SAMPLE	FOLLOW-UP SAMPLES
S	Service Connection to Distribution Main	**1S**	**1M**
A	Bubblers Without Central Chiller	**1A**	**2A**
B	Bubblers with Central Chiller	**1B**	**2B**
-	Central Chiller Unit	-	**3B, 4B**
C	Water Cooler	**1C**	**2C, 3C, 4C**
D	Bottled Water Dispensers	**1D**	**2D**
E	Ice Making Machines	**1E**	**2E**
F	Water Faucets (Tap)	**1F**	**2F**
	Interior Plumbing		
G	Laterals	-	**1G**
H	Headers	-	**1H**
I	Loops	-	**1I**
J	Risers	-	**1J**

Table 2.
FUNCTIONAL SPACE

CODE	FUNCTIONAL SPACE
KI	Kitchen
GY	Gymnasium
CF	Cafeteria
TC	Teachers' Cafeteria
BC	Boys' Cafeteria
GC	Girls' Cafeteria
CR	Classroom
HA	Hallway
BR	Bathroom
GB	Girls' Bathroom
BB	Boys' Bathroom
RM	Room
OF	Office
LB	Laboratory
LI	Library
MO	Medical Office
BO	Boiler Room
LR	Locker Room
NM	Natatorium
WP	Water Meter/Pump Room
SS	Slop Sink

Table 3.
FLOOR CODE

CODE	FLOOR
SB	Sub Basement
BS	Basement
MZ	Mezzanine
01	1st Floor
02	2nd Floor
03	3rd Floor
04	4th Floor etc.

Table 4.
CONSTRUCTION DATE CODE

CODE	CONSTRUCTION
0	Original Construction
1	1st Addition
2	2nd Addition
3	1st Modernization
4	2nd Modernization

NOTE: EPA typically samples the highlighted outlets in Table 1.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory
2890 Woodbridge Avenue
Edison , New Jersey 08837
732-906-6886 Phone
732-906-6165 Fax

April 20, 2016

John Kushwara
Monitoring & Assessment Branch
DESA/MAB
Edison, NJ 08837

RE: BPS-#6 Horace Mann School-1604018

Enclosed are the results of analyses for samples received by the laboratory on 04/07/2016. The signature below reflects the laboratory's approval of the reported results. If you have any questions concerning this report, please refer to Project Number 1603046 and contact the laboratory.

Sincerely,

John R. Bourbon
Chief, DESA/LB

<----Please click here to complete the EPA Region 2 Lab Project Survey---->

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project:BPS-#6 Horace Mann School-1604018

Project Number: 1603046

Project Narrative:

The National Environmental Laboratory Accreditation Conference Institute (TNI) is a voluntary environmental laboratory accreditation association of State and Federal agencies. TNI established and promoted a National Environmental Laboratory Accreditation Program (NELAP) that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAP accredited. The Laboratory tests that are accredited have met all the requirements established under the TNI Standards.

Condition Comments

None

Comment(s):

The "Sample Analysis Date and Time" is included in the results section for any analyte with a prescribed holding time of 72 hours or less.

Data Qualifier(s):

U- The analyte was not detected at or above the Reporting Limit.
J- The identification of the analyte is acceptable; the reported value is an estimate.
K- The identification of the analyte is acceptable; the reported value may be biased high.
L- The identification of the analyte is acceptable; the reported value may be biased low.
NJ- There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification. The reported value is an estimate.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project:BPS-#6 Horace Mann School-1604018

Project Number: 1603046

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
00 - HM- FRBLANK	1604018-01	Aqueous	04/07/2016 04:44	04/07/2016 08:25
01BSRMINPTA101F	1604018-02	Aqueous	04/07/2016 04:45	04/07/2016 08:25
02BSRMINPTA102F	1604018-03	Aqueous	04/07/2016 04:45	04/07/2016 08:25
03BSRMINLUNC11A	1604018-04	Aqueous	04/07/2016 04:50	04/07/2016 08:25
04BSRMINLUNC12A	1604018-05	Aqueous	04/07/2016 04:50	04/07/2016 08:25
05BSRMINB11-11F	1604018-06	Aqueous	04/07/2016 04:54	04/07/2016 08:25
06BSRMINB11-12F	1604018-07	Aqueous	04/07/2016 04:54	04/07/2016 08:25
07BSHABYBOYS01A	1604018-08	Aqueous	04/07/2016 04:58	04/07/2016 08:25
08BSHABYBOYS02A	1604018-09	Aqueous	04/07/2016 04:58	04/07/2016 08:25
0901CRINC10911F	1604018-10	Aqueous	04/07/2016 05:03	04/07/2016 08:25
1001CRINC10912F	1604018-11	Aqueous	04/07/2016 05:03	04/07/2016 08:25
1101HABYC11111A	1604018-12	Aqueous	04/07/2016 05:07	04/07/2016 08:25
1201HABYC11112A	1604018-13	Aqueous	04/07/2016 05:07	04/07/2016 08:25
1301MOINNURS11F	1604018-14	Aqueous	04/07/2016 05:10	04/07/2016 08:25
1401MOINNURS12F	1604018-15	Aqueous	04/07/2016 05:10	04/07/2016 08:25
1501CFINTEA111F	1604018-16	Aqueous	04/07/2016 05:15	04/07/2016 08:25
1601CFINTEA112F	1604018-17	Aqueous	04/07/2016 05:15	04/07/2016 08:25
1701CFINTEA211B	1604018-18	Aqueous	04/07/2016 05:19	04/07/2016 08:25
1801CFINTEA212B	1604018-19	Aqueous	04/07/2016 05:19	04/07/2016 08:25
1901HABYTEAC01A	1604018-20	Aqueous	04/07/2016 05:23	04/07/2016 08:25
2001HABYTEAC02A	1604018-21	Aqueous	04/07/2016 05:23	04/07/2016 08:25
2101HABYC10201A	1604018-22	Aqueous	04/07/2016 05:26	04/07/2016 08:25
2201HABYC10202A	1604018-23	Aqueous	04/07/2016 05:26	04/07/2016 08:25
2301CRINC10101F	1604018-24	Aqueous	04/07/2016 05:31	04/07/2016 08:25
2401CRINC10102F	1604018-25	Aqueous	04/07/2016 05:31	04/07/2016 08:25
2501CRINC10201F	1604018-26	Aqueous	04/07/2016 05:35	04/07/2016 08:25
2601CRINC10202F	1604018-27	Aqueous	04/07/2016 05:35	04/07/2016 08:25
2702HABYC21301A	1604018-28	Aqueous	04/07/2016 05:40	04/07/2016 08:25
2802HABYC21302A	1604018-29	Aqueous	04/07/2016 05:40	04/07/2016 08:25

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project:BPS-#6 Horace Mann School-1604018

Project Number: 1603046

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
2902HABYC21401A	1604018-30	Aqueous	04/07/2016 05:43	04/07/2016 08:25
3002HABYC21402A	1604018-31	Aqueous	04/07/2016 05:43	04/07/2016 08:25
3102HABYC20401A	1604018-32	Aqueous	04/07/2016 05:46	04/07/2016 08:25
3202HABYC20402A	1604018-33	Aqueous	04/07/2016 05:46	04/07/2016 08:25
3303HABYC31801A	1604018-34	Aqueous	04/07/2016 05:52	04/07/2016 08:25
3403HABYC31802A	1604018-35	Aqueous	04/07/2016 05:52	04/07/2016 08:25
3503HABYC30901A	1604018-36	Aqueous	04/07/2016 05:57	04/07/2016 08:25
3603HABYC30902A	1604018-37	Aqueous	04/07/2016 05:57	04/07/2016 08:25

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Final Report

Project:BPS-#6 Horace Mann School-1604018

Project Number: 1603046

SUMMARY REPORT FOR METHODS

Analysis	Method	Certification	Matrix
Lead	EPA 200.8 SOP C-112 Rev 3.3	NELAP	Aqueous

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project:BPS-#6 Horace Mann School-1604018

Project Number: 1603046

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 00 - HM- FRBLANK				Sample ID: 1604018-01
Metals ICPMS				
Lead	---	U	1.0	ug/L
Field ID: 01BSRMINPTA101F				Sample ID: 1604018-02
Metals ICPMS Faucet PTA Room 1st draw				
Lead	5.1		1.0	ug/L
Field ID: 02BSRMINPTA102F				Sample ID: 1604018-03
Metals ICPMS Faucet PTA Room 2nd draw				
Lead	---	U	1.0	ug/L
Field ID: 03BSRMINLUNC11A				Sample ID: 1604018-04
Metals ICPMS Left bubbler in Lunch Room 1st draw				
Lead	---	U	1.0	ug/L
Field ID: 04BSRMINLUNC12A				Sample ID: 1604018-05
Metals ICPMS Left bubbler in Lunch Room 2nd draw				
Lead	---	U	1.0	ug/L
Field ID: 05BSRMINB11-11F				Sample ID: 1604018-06
Metals ICPMS Faucet in Art Room 1st draw				
Lead	130		10	ug/L
Field ID: 06BSRMINB11-12F				Sample ID: 1604018-07
Metals ICPMS Faucet in Art Room 2nd draw				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Final Report

Project:BPS-#6 Horace Mann School-1604018

Project Number: 1603046

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 06BSRMINB11-12F				**Sample ID: 1604018-07**
Metals ICPMS				
Lead	2.4		1.0	ug/L
Field ID: 07BSHABYBOYS01A				**Sample ID: 1604018-08**
Metals ICPMS Hallway bubbler by boys lavatory				
Lead 1st draw	---	U	1.0	ug/L
Field ID: 08BSHABYBOYS02A				**Sample ID: 1604018-09**
Metals ICPMS Hallway bubbler by boys lavatory				
Lead 2nd draw	---	U	1.0	ug/L
Field ID: 0901CRINC10911F				**Sample ID: 1604018-10**
Metals ICPMS Faucet in Room 109 1st draw				
Lead	1.0		1.0	ug/L
Field ID: 1001CRINC10912F				**Sample ID: 1604018-11**
Metals ICPMS Faucet in Room 109 2nd draw				
Lead	---	U	1.0	ug/L
Field ID: 1101HABYC11111A				**Sample ID: 1604018-12**
Metals ICPMS Hallway bubbler by Room 111				
Lead 1st draw	40		1.0	ug/L
Field ID: 1201HABYC11112A				**Sample ID: 1604018-13**
Metals ICPMS Hallway bubbler by Room 111 2nd draw				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project:BPS-#6 Horace Mann School-1604018

Project Number: 1603046

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 1201HABYC11112A				Sample ID: 1604018-13
Metals ICPMS				
Lead	2.8		1.0	ug/L
Field ID: 1301MOINNURS11F				Sample ID: 1604018-14
Metals ICPMS Faucet in Nurses Office 1st draw				
Lead	1.5		1.0	ug/L
Field ID: 1401MOINNURS12F				Sample ID: 1604018-15
Metals ICPMS Faucet in Nurses Office 2nd draw				
Lead	---	U	1.0	ug/L
Field ID: 1501CFINTEA111F				Sample ID: 1604018-16
Metals ICPMS Faucet in Teachers Lounge 1st draw				
Lead	---	U	1.0	ug/L
Field ID: 1601CFINTEA112F				Sample ID: 1604018-17
Metals ICPMS Faucet in Teachers Lounge 2nd draw				
Lead	---	U	1.0	ug/L
Field ID: 1701CFINTEA211B				Sample ID: 1604018-18
Metals ICPMS Chiller in Teachers lounge 1st draw				
Lead	---	U	1.0	ug/L
Field ID: 1801CFINTEA212B				Sample ID: 1604018-19
Metals ICPMS Chiller in Teachers Lounge 2nd draw				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Project:BPS-#6 Horace Mann School-1604018

Project Number: 1603046

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 1801CFINTEA212B				Sample ID: 1604018-19
Metals ICPMS				
Lead	1.2		1.0	ug/L
Field ID: 1901HABYTEAC01A				Sample ID: 1604018-20
Metals ICPMS Hallway bubbler by Teachers Lounge				
Lead 1st draw	5.9		1.0	ug/L
Field ID: 2001HABYTEAC02A				Sample ID: 1604018-21
Metals ICPMS Hallway bubbler by Teachers Lounge				
Lead 2nd draw	1.1		1.0	ug/L
Field ID: 2101HABYC10201A				Sample ID: 1604018-22
Metals ICPMS Hallway bubbler by Room 102				
Lead 1st draw	3.4		1.0	ug/L
Field ID: 2201HABYC10202A				Sample ID: 1604018-23
Metals ICPMS Hallway bubbler by Room 102				
Lead 2nd draw	---	U	1.0	ug/L
Field ID: 2301CRINC10101F				Sample ID: 1604018-24
Metals ICPMS Faucet Room 101 1st draw				
Lead	1.5		1.0	ug/L
Field ID: 2401CRINC10102F				Sample ID: 1604018-25
Metals ICPMS Faucet Room 101 2nd draw				
Lead	---	U	1.0	ug/L

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project:BPS-#6 Horace Mann School-1604018

Project Number: 1603046

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 2501CRINC10201F				Sample ID: 1604018-26
Metals ICPMS Faucet Room 102 1st draw				
Lead	4.6		1.0	ug/L
Field ID: 2601CRINC10202F				Sample ID: 1604018-27
Metals ICPMS Faucet Room 102 2nd draw				
Lead	---	U	1.0	ug/L
Field ID: 2702HABYC21301A				Sample ID: 1604018-28
Metals ICPMS Hallway bubbler by Room 213				
Lead 1st draw	3.2		1.0	ug/L
Field ID: 2802HABYC21302A				Sample ID: 1604018-29
Metals ICPMS Hallway bubbler by Room 213				
Lead 2nd draw	2.2		1.0	ug/L
Field ID: 2902HABYC21401A				Sample ID: 1604018-30
Metals ICPMS Hallway bubbler by Room 214				
Lead 1st draw	8.6		1.0	ug/L
Field ID: 3002HABYC21402A				Sample ID: 1604018-31
Metals ICPMS Hallway bubbler by Room 214				
Lead 2nd draw	1.8		1.0	ug/L
Field ID: 3102HABYC20401A				Sample ID: 1604018-32
Metals ICPMS Hallway bubbler by Room 204				
Lead 1st draw	2.6		1.0	ug/L

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project:BPS-#6 Horace Mann School-1604018

Project Number: 1603046

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 3202HABYC20402A				**Sample ID: 1604018-33**
Metals ICPMS	Hallway bubbler by Room 204			
Lead	2nd draw	---	U	1.0 ug/L
Field ID: 3303HABYC31801A				**Sample ID: 1604018-34**
Metals ICPMS	Hallway bubbler by Room 318			
Lead	1st draw	11		1.0 ug/L
Field ID: 3403HABYC31802A				**Sample ID: 1604018-35**
Metals ICPMS	Hallway bubbler by Room 318			
Lead	2nd draw	4.8		1.0 ug/L
Field ID: 3503HABYC30901A				**Sample ID: 1604018-36**
Metals ICPMS	Hallway bubbler by Room 309			
Lead	1st draw	4.5		1.0 ug/L
Field ID: 3603HABYC30902A				**Sample ID: 1604018-37**
Metals ICPMS	Hallway bubbler by Room 309			
Lead	2nd draw	---	U	1.0 ug/L

IENT INFORMATION

ıme:	Bayonne Public Schools
ldress:	669 Avenue A, Bayonne, NJ 07002
ir Rep:	Dr. Patricia McGeehan Superintendent of Schools

EPA INFORMATION

Name: US Environmental Protection Agency - Region 2
Address: 2890 Woodbridge Ave., Edison, NJ 08837
Proj.Mgr: John Kushwara

HOOL/PROJECT INFORMATION

.DG ID:	
.DG No./Name:	#6 Horace Mann School
.DG Address:	25 West 38th Street, Bayonne NJ 07002
ontact Name & Numbers:	Mike Kubert 201.858.5582 mkubert@bboed.org

) Yr. Built:	(1) Yr.1st Add.:	(2) Yr. 2nd Add.:	(3) Yr. 1st Mod.:	(4) Yr. 2nd Mod.:
1914	1924			

SPECTOR(S): Erwin Smieszek (Lead) & Bob Morrell **SAMPLING DATE:Thursday, April 7, 2016**

MPLE DATA

Sample Description ID (ID must match container label)							Outlet Information					
Sample #	Floor	Functional Space Code	IN/BY	Room Number	Construc.Code	Sample/Outlet Code	Sampled Outlet Location/Coordinates number and Serial number	Model	0 Seconds	30 Seconds	Time of collection (24hr)	
		ESS			ESS			ESS				
		U-HM-FRBLANK					PTA ROOM		✓		0444	
	1	BSRMINPTA1Ø1F					DELTA PTA ROOM		✓		0445	
	2	BSRMINPTA1Ø2F					AERATOR / NO POU FILTER		✓			
	3	BSRMINLUNC113A					2 bubblers - sampled lower left ELEM LUNCH ROOM		✓		0450	
	4	BSRMINLUNC12A					NO POU Filter		✓			
	5	BSRMINB11-11F					ART ROOM - Last year Lunch Room "NOT DRINKING WATER" SIGN 2 Faucets - sampled Left		✓		0454	
	6	BSRMINB11-12F					W. Sink Room / NO POU Filter.		✓			
	7	ØSHABYBØYSØ1A					Robyn Taylor s/p to HKFS13 effective 13 11 2031 2 bubblers sampled lower Left		✓		0458	
	8	BSHABYBØYSØ2A					no Purifier Hallway bubbler by Boys Bathroom		✓			
	9	Ø1CRINC1Ø911E					MOVED. classroom 104		✓		0503	
	Ø	Ø1CRINC1Ø912F					AERATOR No Purifier		✓			

l containers are pre-cleaned/pre-certified 250mL wide-mouth HDPE bottles.

All samples are Lab Preserved by J. Rickert @ 8:45 on 4/7/16.

HAIN OF CUSTODY

elinquished By:	Received By:	Date/Time:
Erwin J. Smieszek 4/7/2016 0822		4/7/16 0825

ethod of shipment/delivery: __Fed-Ex _X_ Hand Delivery __US Mail __UPS __Courier __Other:____

STRUCTIONS TO THE LABORATORY

- _Analyze all samples.
- _Follow QAPP instructions
- _ ɔ to preserve with HNO_3 at pH<2
- Other:

Lab: US EPA - Region 2
2890 Woodbridge Ave.
Edison, NJ 08837
Contact: Ness Tirol

Report Results to:
__Phone (732) 321-6686
__Email: kushwara.john@epa.gov

omments: Provide Laboratory Data Report (LDR)

ENT INFORMATION

me:	Bayonne Public Schools
dress:	669 Avenue A, Bayonne, NJ 07002
e Rep:	Dr. Patricia McGeehan Superintendent of Schools

EPA INFORMATION

Name: US Environmental Protection Agency - Region 2
Address: 2890 Woodbridge Ave., Edison, NJ 08837
Proj.Mgr: John Kushwara

HOOL/PROJECT INFORMATION

DG ID:	
DG No./Name:	#6 Horace Mann School
DG Address:	25 West 38th Street, Bayonne NJ 07002
ntact Name & Numbers:	Mike Kubert 201.858.5582 mkubert@bboed.org

Yr. Built:	(1) Yr.1st Add.:	(2) Yr. 2nd Add.:	(3) Yr. 1st Mod.:	(4) Yr. 2nd Mod.:
1914	1924			

SPECTOR(S): Erwin Smieszek (Lead) & Bob Morrell **SAMPLING DATE:Thursday, April 7, 2016**

MPLE DATA

Sample #	Floor	Functional Space Code	IN/BY	Room Number	Construc.Code	Sample/Outlet Code	Sampled Outlet Location/Coordinates Model number and Serial number	0 Seconds	30 Seconds	Time of collection (24hr)	
1	01	HA	BY	C111	1	1A	Hallway Bubbler by Classroom C111 Halsey Taylor m/n 4RFS B s/n 1305 10 324	✓		0507	
2	01	HA	BY	C111	1	2A	no Pou filter		✓		
3	01	MO	IN	NURS	1	1F	Nurse office Delta - screen off	✓		0510	
4	01	MO	IN	NURS	1	2F	no Pou filter		✓		
5	01	CF	IN	TEA1	1	1F	Teachers Cafe Delta - single sink	✓		0515	
6	01	CF	IN	TEA1	1	2F	AERATOR - no Pou filter		✓		
7	01	CF	IN	TEA2	1	1B	Teachers Cafe chiller has gooseneck (off/spout) and bubbler	✓		0519	
8	01	CF	IN	TEA2	1	2B	Sampled bubbler Chiller appears to be older model		✓		
9	01	HA	BY	TEAC	0	1A	Hallway Bubbler by Teachers Cafe	✓		0523	
10	01	HA	BY	TEAC	0	2A	no Pou filter		✓		
11	01	HA	BY	C102	0	1A	Hallway Bubbler by Classroom 102	✓		0526	
12	01	HA	BY	C102	0	2A	no Pou filter		✓		

containers are pre-cleaned/pre-certified 250mL wide-mouth HDPE bottles.

IAIN OF CUSTODY

linquished By:	Received By:	Date/Time:
Erwin J. Smieszek 4/7/16 0822	[signature]	04/07/16 0822

ethod of shipment/delivery: ___Fed-Ex _X_Hand Delivery __US Mail ___UPS ___Courier ___Other:___

STRUCTIONS TO THE LABORATORY

_Analyze all samples. _Follow QAPP instructions) to preserve with HNO_3 at pH<2 Other:	**Lab:** US EPA - Region 2 2890 Woodbridge Ave. Edison, NJ 08837 **Contact:** Ness Tirol	**Report Results to:** __Phone (732) 321-6686 __Email: kushwara.john@epa.gov

omments: Provide Laboratory Data Report (LDR)

ENT INFORMATION

me:	Bayonne Public Schools
dress:	669 Avenue A, Bayonne, NJ 07002
e Rep:	Dr. Patricia McGeehan Superintendent of Schools

EPA INFORMATION

Name: US Environmental Protection Agency - Region 2
Address: 2890 Woodbridge Ave., Edison, NJ 08837
Proj.Mgr: John Kushwara

HOOL/PROJECT INFORMATION

.DG ID:	
.DG No./Name:	#6 Horace Mann School
.DG Address:	25 West 38th Street, Bayonne NJ 07002
ntact Name & Numbers:	Mike Kubert 201.858.5582 mkubert@bboed.org

Yr. Built:	(1) Yr.1st Add.:	(2) Yr. 2nd Add.:	(3) Yr. 1st Mod.:	(4) Yr. 2nd Mod.:
1914	1924			

SPECTOR(S): Erwin Smieszek (Lead) & Bob Morrell **SAMPLING DATE:Thursday, April 7, 2016**

MPLE DATA

Sample Description ID (ID must match container label)							Outlet Information				
Sample #	Floor	Functional Space Code	IN/BY	Room Number	Construc.Code	Sample/Outlet Code	Sampled Outlet Location/Coordinates number and Serial number	Model	0 Seconds	30 Seconds	Time of collection (24hr)
3 01	C	R	I	N	C	1 01	01 F	DELTA Metered	2 Faucets line split sampled right	✓	0531
4 01	C	R	I	N	C	1 01	02 F	AERATOR	No Pou filter	✓	
5 01	C	R	I	N	C	1 02	01 F	DELTA Metered	2 Faucets/line split/sampled left	✓	0535
6 01	C	R	I	N	C	1 02	02 F	Aerator	No Pou filter	✓	
02	+	A	B	Y	C	2 13	01 A	Hallway Bubbler by Classroom 213		✓	0540
3 02	H	A	B	Y	C	2 13	02 A	No Pou filter		✓	
9 02	H	A	B	Y	C	2 14	01 A	Hallway B-bbler by Classroom 214		✓	0543
02	H	A	B	Y	C	2 14	02 A	No Pou filter		✓	
1 02	H	A	B	Y	C	2 04	01 A	Hallway B-bbler by classroom 204		✓	0546
2 02	H	A	B	Y	C	2 04	02 A	No Pou filter		✓	
3 03	H	A	B	Y	C	3 18	01 A	Hallway Bubbler by classroom 318		✓	0552
4 03	H	A	B	Y	C	3 18	02 A	No Pou filter		✓	

containers are pre-cleaned/pre-certified 250mL wide-mouth HDPE bottles.

AIN OF CUSTODY

linquished By:	**Received By:**	**Date/Time:**
Erwin J. Smieszek 4/7/16 5:22		04 07 16 0852

ethod of shipment/delivery: __Fed-Ex _X_Hand Delivery __US Mail ___UPS ___Courier ___Other:____

STRUCTIONS TO THE LABORATORY

_Analyze all samples.
_Follow QAPP instructions
) to preserve with HNO_3 at pH<2
Other:

Lab: US EPA - Region 2
2890 Woodbridge Ave.
Edison, NJ 08837
Contact: Ness Tirol

Report Results to:
__Phone (732) 321-6686
__Email: kushwara.john@epa.gov

omments: Provide Laboratory Data Report (LDR)

ENT INFORMATION

me:	Bayonne Public Schools
dress:	669 Avenue A, Bayonne, NJ 07002
Rep:	Dr. Patricia McGeehan Superintendent of Schools

EPA INFORMATION

Name: US Environmental Protection Agency - Region 2
Address: 2890 Woodbridge Ave., Edison, NJ 08837
Proj.Mgr: John Kushwara

HOOL/PROJECT INFORMATION

DG ID:	
DG No./Name:	#6 Horace Mann School
DG Address:	25 West 38th Street, Bayonne NJ 07002
ntact Name & Numbers:	Mike Kubert 201.858.5582 mkubert@bboed.org

Yr. Built:	(1) Yr.1st Add.:	(2) Yr. 2nd Add.:	(3) Yr. 1st Mod.:	(4) Yr. 2nd Mod.:
1914	1924			

SPECTOR(S): Erwin Smieszek (Lead) & Bob Morrell **SAMPLING DATE:Thursday, April 7, 2016**

MPLE DATA

Sample #	Floor	Functional Space Code	IN/BY	Room Number	Construc.Code	Sample/Outlet Code	Sampled Outlet Location/Coordinates Model number and Serial number	0 Seconds	30 Seconds	Time of collection (24hr)	
5	Ø3	HA	BY	C	3Ø9	Ø1A	ELK 49 m/n EDFP210C s/n 14122653C Hallway by classroom 309	✓		0557	
6	Ø3	HA	BY	C	3Ø9	Ø2A	No POU filter		✓		

l containers are pre-cleaned/pre-certified 250mL wide-mouth HDPE bottles.

HAIN OF CUSTODY

elinquished By:	Received By:	Date/Time:
Erwin J. Smieszek 4/7/2016 0920	[signature]	4/7/16 0830

ethod of shipment/delivery: __Fed-Ex _X_Hand Delivery __US Mail __UPS __Courier __Other:__

STRUCTIONS TO THE LABORATORY

_Analyze all samples. _Follow QAPP instructions __o to preserve with HNO_3 at pH<2 Other:	**Lab:** US EPA - Region 2 2890 Woodbridge Ave. Edison, NJ 08837 **Contact:** Ness Tirol	**Report Results to:** __Phone (732) 321-6686 __Email: kushwara.john@epa.gov

omments: Provide Laboratory Data Report (LDR)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory
2890 Woodbridge Avenue
Edison , New Jersey 08837
732-906-6886 Phone
732-906-6165 Fax

June 30, 2016

John Kushwara
Monitoring & Assessment Branch
DESA/MAB
Edison, NJ 08837

RE: BPS-#6 Horace Mann School-1606042

Enclosed are the results of analyses for samples received by the laboratory on 06/16/2016. The signature below reflects the laboratory's approval of the reported results. If you have any questions concerning this report, please refer to Project Number 1606038 and contact the laboratory.

Sincerely,

John R. Bourbon
Chief, DESA/LB

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#6 Horace Mann School-1606042

Project Number: 1606038

Project Narrative:

The National Environmental Laboratory Accreditation Conference Institute (TNI) is a voluntary environmental laboratory accreditation association of State and Federal agencies. TNI established and promoted a National Environmental Laboratory Accreditation Program (NELAP) that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAP accredited. The Laboratory tests that are accredited have met all the requirements established under the TNI Standards.

Condition Comments

None

Comment(s):

The "Sample Analysis Date and Time" is included in the results section for any analyte with a prescribed holding time of 72 hours or less.

Data Qualifier(s):

U- The analyte was not detected at or above the Reporting Limit.
J- The identification of the analyte is acceptable; the reported value is an estimate.
K- The identification of the analyte is acceptable; the reported value may be biased high.
L- The identification of the analyte is acceptable; the reported value may be biased low.
NJ- There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification. The reported value is an estimate.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested.

Final Report

Project: BPS-#6 Horace Mann School-1606042

Project Number: 1606038

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
00 - HM- FRBLANK	1606042-01	Aqueous	06/16/2016 04:08	06/16/2016 08:30
05BSRMINB11-11F	1606042-02	Aqueous	06/16/2016 04:10	06/16/2016 08:30
06BSRMINB11-12F	1606042-03	Aqueous	06/16/2016 04:10	06/16/2016 08:30

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#6 Horace Mann School-1606042

Project Number: 1606038

SUMMARY REPORT FOR METHODS

Analysis	Method	Certification	Matrix
Lead	EPA 200.8 SOP C-112 Rev 3.4	NELAP	Aqueous

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#6 Horace Mann School-1606042

Project Number: 1606038

Analyte	Result	Qualifier	Reporting Limit	Units	Date and Time of Analysis*
Field ID: 00 - HM- FRBLANK				Sample ID: 1606042-01	
Metals ICPMS					
Lead	---	U	1.0	ug/L	
Field ID: 05BSRMINB11-11F				Sample ID: 1606042-02	
Metals ICPMS Faucet in Art Room 1st draw					
Lead	120		5.0	ug/L	
Field ID: 06BSRMINB11-12F				Sample ID: 1606042-03	
Metals ICPMS Faucet in Art Room 2nd draw					
Lead	3.8		1.0	ug/L	

Horace Mann School - #6

On 4/7/2016 the EPA sampled for lead at eighteen (18) potable water outlets, for a total of thirty-six (36) samples. Results indicate that there were two (2) results greater than 15ug/l (ppb)

Location (1) –First floor hallway bubbler by Room 11 – Results 130ug/l (ppb)
Location (2) – Basement sink in Art Room – Results 40ug/l (ppb)

Remedial action taken-

Location (1) – Disconnected and removed hallway bubbler from outside Room 11. Bubbler was not replaced.
Location (2) – Disconnected and removed sink from Art room. Installed new sink and faucet. Ran new Copper pipe using pro press fittings. Installed a new aqua pure water filter model 3MFF100

Retesting by the EPA was done on 9/1/2016. Results were below the action limit of 15ug/l (ppb)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory
2890 Woodbridge Avenue
Edison , New Jersey 08837
732-906-6886 Phone
732-906-6165 Fax

October 04, 2016

John Kushwara
Monitoring & Assessment Branch
DESA/MAB
Edison, NJ 08837

RE: BPS-#6 Horace Mann School-1609008

Enclosed are the results of analyses for samples received by the laboratory on 09/01/2016. The signature below reflects the laboratory's approval of the reported results. If you have any questions concerning this report, please refer to Project Number 1609008 and contact the laboratory.

Sincerely,

John R. Bourbon
Chief, DESA/LB

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#6 Horace Mann School-1609008

Project Number: 1609008

Project Narrative:

The National Environmental Laboratory Accreditation Conference Institute (TNI) is a voluntary environmental laboratory accreditation association of State and Federal agencies. TNI established and promoted a National Environmental Laboratory Accreditation Program (NELAP) that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAP accredited. The Laboratory tests that are accredited have met all the requirements established under the TNI Standards.

Condition Comments

None

Comment(s):

e "Sample Analysis Date and Time" is included in the results section for any analyte with a prescribed holding time of 72 hours or less.

Data Qualifier(s):

U- The analyte was not detected at or above the Reporting Limit.
J- The identification of the analyte is acceptable; the reported value is an estimate.
K- The identification of the analyte is acceptable; the reported value may be biased high.
L- The identification of the analyte is acceptable; the reported value may be biased low.
NJ- There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification. The reported value is an estimate.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#6 Horace Mann School-1609008

Project Number: 1609008

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
00-HM-FRBLANK	1609008-01	Aqueous	09/01/2016 05:09	09/01/2016 09:00
05BSRMINB11-11F	1609008-02	Aqueous	09/01/2016 05:12	09/01/2016 09:00
06BSRMINB11-12F	1609008-03	Aqueous	09/01/2016 05:12	09/01/2016 09:00

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#6 Horace Mann School-1609008

Project Number: 1609008

SUMMARY REPORT FOR METHODS

Analysis	Method	Certification	Matrix
Lead	EPA 200.8 SOP C-112 Rev 3.4	NELAP	Aqueous

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#6 Horace Mann School-1609008

Project Number: 1609008

Analyte		Result	Qualifier	Reporting Limit	Units	Date and Time of Analysis*
Field ID: 00-HM-FRBLANK					Sample ID: 1609008-01	
Metals ICPMS						
Lead		---	U	1.0	ug/L	
Field ID: 05BSRMINB11-13F					Sample ID: 1609008-02	
Metals ICPMS	Faucet in Art Room					
Lead	1st draw	---	U	1.0	ug/L	
Field ID: 06BSRMINB11-12F					Sample ID: 1609008-03	
Metals ICPMS	Faucet in Art Room					
Lead	2nd draw	---	U	1.0	ug/L	

NOTE: The results recorded in this report relate only to the samples as received on the date and at the time noted

Appendix D

CLIENT INFORMATION

Name:	Bayonne Public Schools
Address:	669 Avenue A, Bayonne, NJ 07002
Client Rep:	Dr. Patricia McGeehan Superintendent of Schools

EPA INFORMATION

Name: US Environmental Protection Agency - Region 2
Address: 2890 Woodbridge Ave., Edison, NJ 08837
Proj.Mgr: John Kushwara

SCHOOL/PROJECT INFORMATION

BLDG ID:	
BLDG No./Name:	#6 Horace Mann School
BLDG Address:	25 West 38th Street, Bayonne NJ 07002
Contact Name & Numbers:	Mike Kubert 201.858.5582 mkubert@bboed.org

(0) Yr. Built:	(1) Yr.1st Add.:	(2) Yr. 2nd Add.:	(3) Yr. 1st Mod.:	(4) Yr. 2nd Mod.:
1914	1924			

INSPECTOR(S): Erwin Smieszek (Lead) & Bob Morrell **SAMPLING DATE:** Thursday, September 1, 2016

SAMPLE DATA

Sample Description ID (ID must match container label)							Outlet Information					
Sample #	Floor	Functional Space Code	IN/BY	Room Number	Constru.Code	Sample/Outlet Code	Sampled Outlet Location/Coordinates number and Serial number	Model	0 Seconds	30 Seconds	Time of collection (24hr)	
—	ESS	—	—	—	ESS	—	—	—	ESS		—	
00-HM-FRBLANK					Room B11 (ART)				~		0509	
05BSRMINB11-11F					Room B-11 (ART)		DELTA Aerator VALVE OFF NEEDED TO BE TURNED ON		~		0512	
06BSRMINB11-12F					COPPER PIPE (PROPRESS CONNECTORS) IN FILTER SMF101 with timer		Installed 7/21/16		~		—	

All containers are pre-cleaned/pre-certified 250mL wide-mouth HDPE bottles.

Preserved at 0914 on 9/1/16 ur

CHAIN OF CUSTODY

Relinquished By:	Received By:	Date/Time
I. Erwin J. Smieszek		9/1/16 8:00AM
II.		9/1/16 9:30
III.		

Method of shipment/delivery: Fed-Ex X Hand Delivery US Mail UPS Courier Other:

INSTRUCTIONS TO THE LABORATORY

X Analyze all samples. X Follow QAPP instructions Y ab to preserve with HNO_3 at pH<2 Other:	**Lab:** US EPA - Region 2 2890 Woodbridge Ave. Edison, NJ 08837 **Contact:** Ness Tirol	**Report Results to:** Phone (732) 321-6686 Email: kushwara.john@epa.gov

Comments: Provide Laboratory Data Report (LDR)

Attachment D – Filter Inventory
(Complete for each school as applicable)

Name of School: #6 HORACE MANN Grade Levels: PRE-K TO 8TH

Address: 25 WEST 38TH STREET

Individual School Project Officer Signature: [signature] Date: 7-21-2016

Sample Location / Code	Brand	Type (Make & Model)	Date Installed or Replaced	Replacement Frequency	NSF Certified for Lead Reduction Y/N
Room B11	AQUA-PURE	3MFF100	7-28-2017	6000 gals 6 months	Y

filter log

Aqua-Pure®

Spec #

Quantity

Models:

3MFF100

Full Flow Drinking Water System

Applications:

- Chlorine Taste & Odor (CTO)
- Particulate
- Lead & *Cryptosporidium parvum* Cysts
- Select VOCs*

At a Glance:

- Easy to install
- Easy to replace cartridge
- 6,000 Gallon/22,712 liter Capacity
- 2.5 gpm/9.5 lpm Flow Rate
- 0.2 Nominal Micron Rating
- NSF Certified for NSF/ANSI Standard 42, Standard 53, and CSA B483.1
- WQA Certified for NSF/ANSI 372 to meet low lead compliance for CA AB1953
- Certified for use in California per California Department of Public Health Certification Number: 09-2017
- Registered for use in Los Angeles County by the Department of Building and Safety. File Number: M-080152

3MFF100

Product Benefits:

- 2.5 GPM allows filter system to be used on existing kitchen and /or bathroom faucets
- 3/8" NPT connections on filter head makes installation easy
- Shut off valve in head eliminates the need to turn off water supply
- Sanitary quick change cartridge design eliminates the need to handle filter media
- Easy filter change-outs, just a 1/4 turn to remove and insert
- Designed to connect to your existing primary kitchen or bathroom faucet for full flow filtration
- *This system reduces CTO, particulate, and a number of select VOCs (Benzene, p-Dichlorobenzene & Toxaphene), as well as lead and 99.95% of filterable *Cryptosporidium parvum* cysts

Physical Specifications:

Model No. (Part No.)	Inlet/ Outlet Size	Dimensions		Approximate Weight	Flow Rate	Capacity	Max. Water Temp.	Max. Water Pressure	Std. Replacement Ctg. No.
		Height	Diameter						
3MFF100 (56163-18)	3/8" NPT	16" (40.6 cm)	4-1/2" (11.4 cm)	4 lbs (1.8 kg)	2.5 gpm (9.5 lpm)	6,000 gallons (22,712 liters)	100 °F (37.8 °C)	125 psi (862 kPa)	56134-32
3MFF101 (56134-32)	N/A	14.5" (36.8 cm)		3.5 lbs (1.6kg)	N/A				N/A

3M

BAYONNE PUBLIC SCHOOLS
Administration Building
669 Avenue A
Bayonne, New Jersey 07002

Patricia L. McGeehan, Ed.D.,
Superintendent of Schools

Tel: (201) 858-5815

October 31, 2016

Dear Horace Mann School Community,

Our school system is committed to protecting student, teacher and staff health. In an effort to protect our community, the Bayonne School District tested our Elementary schools' drinking water for lead.

Why Test School Drinking Water for 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 old. 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. In *very* high levels, lead can even cause brain damage.

In an effort to protect public health, the U.S. Environmental Protection Agency (EPA) suggests that schools and day care facilities test their drinking water for lead. If lead is found at any water outlet at levels above 20 parts per billion (ppb), the EPA recommends taking action to reduce the lead. The level utilized by the NJDEP is 15 parts per billion (ppb).

Is Our School's Drinking Water Safe?
Yes, our schools' water is safe. The Bayonne School District tested our drinking water for lead. There were 36 water samples taken at Horace Mann Community School and only two (2) of them showed lead levels above the ppb mark. In other words 94.44 % of the water outlets tested did not have any lead problems.

The first outlet with high lead levels was a bubbler outside Room 11. We identified the source of the lead so we could fix the problem. The old bubbler in the hallway outside Room 11 was disconnected and removed. The bubbler was not replaced as it was not needed.

The second outlet with high lead levels was a sink in the basement Art Room. We identified the source of the lead so we could fix the problem. The old sink was disconnected and removed. A new sink and faucet were installed along with new copper piping using pro press fittings. A new aqua pure filter was also installed. The outlet was tested again which confirmed that the problem was fixed.

How Can I Learn More?
You can see a copy of all of our water testing results at the District's Central Office, which is open Monday to Friday from 9:00 am to 4:00 pm and on our Web site at www.bboed.org. If you have any questions regarding the water quality in our schools, please contact our Risk Manager, Christopher L. Patella at 201-858-5936. Information about water quality and sampling for lead at home can be obtained from your local water supplier or state drinking water agency.

Sincerely,

Patricia L. McGeehan

Patricia L. McGeehan Ed.D.
Superintendent of Schools