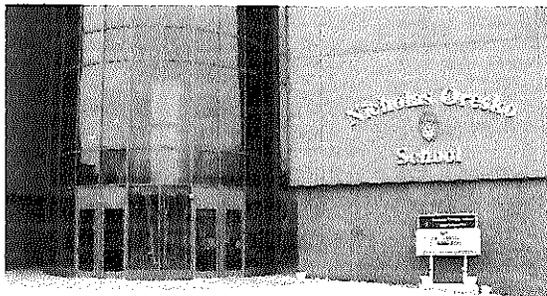


Attendees:

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:



Nicholas Oresko School #14 is a K-8 grade school built in 2008. To the left is a photo of the front entrance (parking lot) taken by EPA.

Objective and Observations:

BPS indicated that sampling has not been conducted at the Nicholas Oresko school and has requested EPA sampling assistance thru the EPA Region 2 Children’s Health Initiative – 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 by BPS prior to EPA sampling.

The attached floor diagram displays the approximate locations of the building’s water main entry, water meter and potable water outlets. The water main (East 24th Street) enters the basement (Room 105), flows thru the water meter 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 water sprinkler system.

Note: Bathrooms have outlet motion sensors.

Note: Bathrooms/Custodial/Science/Art outlets are not sampled and are only noted if repair is required.

Basement	Pump Room	Water Main and Meter (Brass)
	Food Service	Faucet (screen on)
1 st Floor	Room 101	Faucet (screen off)
	Room 102	Faucet (screen on)
	Room 107	Faucet (screen off) Staff Lounge
	Hallway	Chiller by Girls/Boys Bathroom
2 nd Floor	Hallway	Chiller by Girls/Boys Bathroom
	Nurse	Faucet (screen on)
3 rd Floor	Hallway	Chiller by Girls/Boys Bathroom
4 th Floor	Hallway	Chiller by Girls/Boys Bathroom

#14 Nicholas Oresko
33 East 24th Street, NJ 07002

Note: Bathrooms have outlet motion sensors.

Note: Bathrooms/Custodial/Science/Art outlets are not sampled and are only noted if repair is required.

Basement	Pump Room	Water Main and Meter (Brass)
	Food Service	Faucet (screen on)
1 st Floor	Room 101	Faucet (screen off)
	Room 102	Faucet (screen on)
	Room 107	Faucet (screen off) Staff Lounge
	Hallway	Chiller by Girls/Boys Bathroom
2 nd Floor	Hallway	Chiller by Girls/Boys Bathroom
	Nurse	Faucet (screen on)
3 rd Floor	Hallway	Chiller by Girls/Boys Bathroom
4 th Floor	Hallway	Chiller by Girls/Boys Bathroom

OK
BH + MR

Attendees:

Mike Kubert, BPS Superintendent Buildings & Grounds Foundation
Scott Nolan, BPS BOE Code Compliance Supervisor
Erwin Smieszek, EPA New Jersey Office – Sampling Lead
Bob Morrell, EPA New Jersey Office – Sampler

Building Photo and Description:



Nicholas Oresko School #14 is a K-8 grade school built in 2008. To the left is a photo of the front entrance (parking lot) taken by EPA on April 8, 2015.

Pre-Sampling Walk-thru:

On Wednesday, April 8, 2015, Erwin Smieszek (Lead) and Sarah Peterson conducted a Lead in Drinking Water pre-sampling walk-thru of #14 Nicholas Oresko. See April 16, 2015 pre-sampling 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 Wednesday, March 23, 2016, EPA Inspectors Erwin Smieszek (Inspection Lead) and Bob Morrell conducted a Lead in Drinking Water sampling event at the BPS #14 Nicholas Oresko School. EPA met and presented credentials to BPS Mike Kubert and Scott Nolan. Mr. Kubert and Mr. Nolan accompanied EPA during the sampling event. There were no other personnel in the school during sampling. Mr. Kubert stated that no water was used from the kitchen since 7:30pm March 22, 2016 and the building was locked at 9:00pm on March 22, 2016. There were no do not use water signs posted at the School entrance/exit 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.

A field reagent blank (FRB) was collected in the Basement Food Preparation Room and then water samples were collected. For each outlet sampled, initial and follow-up (30 second) cold-water samples were collected in separate pre-cleaned certified HDPE 250mL wide mouth containers.

Labels with written sample codes were placed under each (or next to) sampled outlet. Mr. Smieszek provided verbal sampling observations to Mr. Kubert as sampling progressed. Sampling observations were provided in Smieszek email (Palagian) dated March 23, 2016 and are noted below. Additional sampling information can be found on the attached Floor Diagram and Chain of Custody (COC) form.

	<u>Sample Number</u>	<u>Location</u>	<u>Comments (also see Floor Diagrams/Chain of Custody)</u>
Basement	00	Food Preparation Room	Field Reagent Blank.
Basement	1/2	Food Preparation Room	Faucet 4 second CW drip upon arrival. Faucet screen on. No POU filter.
1 st Floor	3/4	Hallway Chiller by Girls/Boys Bathroom	Compressor operational. Elkay m/n EZFS8_1B s/n 070624667
1 st Floor	5/6	Teacher's Lounge	Faucet screen off: No POU filter.
1 st Floor	7/8	Classroom 102	Faucet screen on: No POU filter.
1 st Floor	9/10	Classroom 101	Faucet screen off: No POU filter.
2 nd Floor	11/12	Hallway Chiller by Girls/Boys Bathroom	Compressor operational. Elkay m/n EZFS8_1B s/n 070416350
2 nd Floor	13/14	Nurse Office	Faucet screen on: No POU filter
3 rd Floor	15/16	Hallway Chiller by Girls/Boys Bathroom	Compressor operational. Elkay m/n EZFS8_1B s/n 070416344
4 th Floor	17/18	Hallway Chiller by Girls/Boys Bathroom	Compressor operational. Elkay m/n EZFS8_1B s/n 070317710

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

Mr. Kubert stated 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.

Nine (9) potable water outlets, for a total of eighteen (18) (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 (2 pages)
- Building Floor Diagrams (5 pages)

CLIENT INFORMATION

Name: Bayonne Public Schools
 Address: 669 Avenue A, Bayonne, NJ 07002
 Contact 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: #14 Nicholas Oresko
 BLDG Address: 33 East 24th Street, Bayonne NJ 07002
 Contact Name & Numbers: Mike Kubert 201.858.5582 mkubert@bboed.org
 (0) Yr. Built: 2008 (1) Yr. 1st Add.: (2) Yr. 2nd Add.: (3) Yr. 1st Mod.: (4) Yr. 2nd Mod.:

INSPECTOR(S): Erwin Smieszek (Lead) & Robert Morrell SAMPLING DATE: Wednesday, March 23, 2016

SAMPLE 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)
11	02	HABYGBBR	01B				ELCAH WREZFSB-1B				0533
12	02	HABYGBBR	02B				sn 070410350				
13	02	HABYGBBR	01F				WREZFSB-1B				0538
14	02	HABYGBBR	02F				WREZFSB-1B				
15	03	HABYGBBR	01B				ELCAH WREZFSB-1B				0542
16	03	HABYGBBR	02B				sn 070410344				
17	04	HABYGBBR	01B				LLK-19 WREZFSB-1B				0546
18	04	HABYGBBR	02B				sn 07031710				

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

CHAIN OF CUSTODY

Relinquished By:	Received By:	Time:
I. Erwin J. Smieszek	<i>[Signature]</i>	7:45 3/23/16
II.		
III.		

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

INSTRUCTIONS TO THE LABORATORY

Analyze all samples.
 Follow QAPP instructions
 Lab to preserve with HNO₃ 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)

Table 1. OUTLET/ PLUMBING/ SAMPLE CODE				Table 2. FUNCTIONAL SPACE	
CODE	TYPE OF OUTLET OR PLUMBING	INITIAL SCREENING (1 ST DRAW) SAMPLE	FOLLOW-UP SAMPLES	COD E	FUNCTIONAL SPACE
S	Service Connection to Distribution Main	IS	1M	KI	Kitchen
A	Bubblers Without Central Chiller	1A	2A	GY	Gymnasium
B	Bubblers with Central Chiller	1B	2B	CF	Cafeteria
-	Central Chiller Unit	-	3B, 4B	TC	Teachers' Cafeteria
C	Water Cooler	1C	2C, 3C, 4C	BC	Boys' Cafeteria
D	Bottled Water Dispensers	1D	2D	GC	Girls' Cafeteria
E	Ice Making Machines	1E	2E	CR	Classroom
F	Water Faucets (Tap)	1F	2F	HA	Hallway
	Interior Plumbing			BR	Bathroom
G	Laterals	-	1G	GB	Girls' Bathroom
H	Headers	-	1H	BB	Boys' Bathroom
I	Loops	-	1I	RM	Room
J	Risers	-	1J	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	1 st Floor
02	2 nd Floor
03	3 rd Floor
04	4 th Floor etc.

Table 4. CONSTRUCTION DATE CODE	
CODE	CONSTRUCTION
0	Original Construction
1	1 st Addition
2	2 nd Addition
3	1 st Modernization
4	2 nd 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 07, 2016

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

RE: BPS-#14 Nicholas Oresko-1603047

Enclosed are the results of analyses for samples received by the laboratory on 03/23/2016. 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,

A handwritten signature in cursive script, appearing to read "John R. Bourbon".

John R. Bourbon
Chief, DESA/LB



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#14 Nicholas Oresko-1603047

Project Number: 1603046

Project Narrative:

The National Environmental Laboratory Accreditation Conference Institute (NELAP) is a voluntary environmental laboratory accreditation association of State and Federal agencies. NELAP 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 NELAP 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

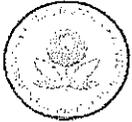
Final Report

Project: BPS-#14 Nicholas Oresko-1603047

Project Number: 1603046

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
00 - NO- FRBLANK	1603047-01	Aqueous	03/23/2016 05:10	03/23/2016 09:45
01BSRMNPREP01F	1603047-02	Aqueous	03/23/2016 05:13	03/23/2016 09:45
02BSRMNPREP02F	1603047-03	Aqueous	03/23/2016 05:13	03/23/2016 09:45
0301HABYGBBR01B	1603047-04	Aqueous	03/23/2016 05:18	03/23/2016 09:45
0401HABYGBBR02B	1603047-05	Aqueous	03/23/2016 05:18	03/23/2016 09:45
0501TCINTEAC01F	1603047-06	Aqueous	03/23/2016 05:21	03/23/2016 09:45
0601TCINTEAC02F	1603047-07	Aqueous	03/23/2016 05:21	03/23/2016 09:45
0701CRINC10201F	1603047-08	Aqueous	03/23/2016 05:25	03/23/2016 09:45
0801CRINC10202F	1603047-09	Aqueous	03/23/2016 05:25	03/23/2016 09:45
0901CRINC10101F	1603047-10	Aqueous	03/23/2016 05:29	03/23/2016 09:45
1001CRINC10102F	1603047-11	Aqueous	03/23/2016 05:29	03/23/2016 09:45
1102HABYGBBR01B	1603047-12	Aqueous	03/23/2016 05:33	03/23/2016 09:45
1202HABYGBBR02B	1603047-13	Aqueous	03/23/2016 05:33	03/23/2016 09:45
1302MOINNURS01F	1603047-14	Aqueous	03/23/2016 05:38	03/23/2016 09:45
1402MOINNURS02F	1603047-15	Aqueous	03/23/2016 05:38	03/23/2016 09:45
1503HABYGBBR01B	1603047-16	Aqueous	03/23/2016 05:42	03/23/2016 09:45
1603HABYGBBR02B	1603047-17	Aqueous	03/23/2016 05:42	03/23/2016 09:45
1704HABYGBBR01B	1603047-18	Aqueous	03/23/2016 05:46	03/23/2016 09:45
1804HABYGBBR02B	1603047-19	Aqueous	03/23/2016 05:46	03/23/2016 09:45



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#14 Nicholas Oresko-1603047

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-#14 Nicholas Oresko-1603047

Project Number: 1603046

Analyte	Result	Qualifier	Reporting Limit	Units	Date and Time of Analysis*
Field ID: 00 - NO- FRBLANK			Sample ID: 1603047-01		
Metals ICPMS					
Lead	---	U	1.0	ug/L	
Field ID: 01BSRMINPREP01F			Sample ID: 1603047-02		
Metals ICPMS					
Lead	---	U	1.0	ug/L	Faucet in kitchen Prep room 1st draw
Field ID: 02BSRMINPREP02F			Sample ID: 1603047-03		
Metals ICPMS					
Lead	---	U	1.0	ug/L	Faucet in kitchen Prep Room 2nd draw
Field ID: 0301HABYBGBR01B			Sample ID: 1603047-04		
Metals ICPMS					
Lead	---	U	1.0	ug/L	Hallway chiller outside Boys and girls lavatories 1st draw
Field ID: 0401HABYBGBR02B			Sample ID: 1603047-05		
Metals ICPMS					
Lead	---	U	1.0	ug/L	Hallway chiller outside Boys and girls lavatories 2nd draw
Field ID: 0501TCINTEAC01F			Sample ID: 1603047-06		
Metals ICPMS					
Lead	---	U	1.0	ug/L	Faucet in teachers lounge 1st draw
Field ID: 0601TCINTEAC02F			Sample ID: 1603047-07		
Metals ICPMS					
Lead	---	U	1.0	ug/L	Faucet in teachers lounge 2nd draw
Field ID: 0701CRINC10201F			Sample ID: 1603047-08		
Metals ICPMS					
Lead	---	U	1.0	ug/L	Faucet in Room 102 1st draw
Field ID: 0801CRINC10202F			Sample ID: 1603047-09		
Metals ICPMS					

U.S.E.P.A Region 2 Laboratory

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

Reported: 4/7/2016



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#14 Nicholas Oresko-1603047

Project Number: 1603046

Analyte	Result	Qualifier	Reporting Limit	Units	Date and Time of Analysis*
Field ID: 0801CRINC10202F					
Sample ID: 1603047-09					
Metals ICPMS Lead	Faucet in Room 102 2nd draw	--	U	1.0	ug/L
Field ID: 0901CRINC10101F					
Sample ID: 1603047-10					
Metals ICPMS Lead	Faucet in Room 101 1st draw	1.6		1.0	ug/L
Field ID: 1001CRINC10102F					
Sample ID: 1603047-11					
Metals ICPMS Lead	Faucet in Room 101 2nd draw	--	U	1.0	ug/L
Field ID: 1102HABYG BBR01B					
Sample ID: 1603047-12					
Metals ICPMS Lead	Hallway chiller outside boys and girls lavatories 1st draw	--	U	1.0	ug/L
Field ID: 1202HABYG BBR02B					
Sample ID: 1603047-13					
Metals ICPMS Lead	Hallway chiller outside boys and girls lavatories 2nd draw	--	U	1.0	ug/L
Field ID: 1302MOINNURS01F					
Sample ID: 1603047-14					
Metals ICPMS Lead	Faucet in nurses' office 1st draw	--	U	1.0	ug/L
Field ID: 1402MOINNURS02F					
Sample ID: 1603047-15					
Metals ICPMS Lead	Faucet in nurses' office 2nd draw	--	U	1.0	ug/L
Field ID: 1503HABYG BBR01B					
Sample ID: 1603047-16					
Metals ICPMS Lead	Hallway chiller outside boys and girls lavatories 1st draw - 3rd fl	--	U	1.0	ug/L
Field ID: 1603HABYG BBR02B					
Sample ID: 1603047-17					
Metals ICPMS					

U.S.E.P.A Region 2 Laboratory

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

Reported: 4/7/2016



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#14 Nicholas Oresko-1603047

Project Number: 1603046

Analyte	Result	Qualifier	Reporting Limit	Units	Date and Time of Analysis*
Field ID: 1603HABYGGBR02B			Sample ID: 1603047-17		
Metals ICPMS Lead	Hallway chiller outside boys and girls lavatories 2nd draw - 3rd floor	---	U	1.0	ug/L
Field ID: 1704HABYGGBR01B			Sample ID: 1603047-18		
Metals ICPMS Lead	Hallway chiller outside boys and girls lavatories 1st draw - 4th floor	---	U	1.0	ug/L
Field ID: 1804HABYGGBR02B			Sample ID: 1603047-19		
Metals ICPMS Lead	Hallway chiller outside boys and girls lavatories 2nd draw - 4th floor	---	U	1.0	ug/L

News Release

Lead Levels in School Drinking Water Meet Federal and State Guidelines

The Bayonne School District announced today that recent tests of drinking water in all District elementary schools indicate that lead levels meet federal and state guidelines. Although lead was initially detected above the recommended level in 3% of the samples tested, lead levels were reduced to acceptable levels following replacement or removal of the outlets.

In making the announcement, School Superintendent Patricia L. McGeehan Ed.D., stated, "We are pleased that the testing program identified only 13 of the 430 samples with elevated lead levels. All concerns have been remediated."

The School District conducted the testing program to make sure that drinking water in the school system is safe for children and school staff. Water with high lead levels can contribute to negative health effects, especially in young children.

The testing was conducted by the US Environmental Protection Agency. Samples from various locations in each of the schools were sent to the EPA laboratory for analysis. The final laboratory results were received by the School District October 5, 2016.

Information about the lead testing program, including the laboratory results, can be found at the District's Central Office, weekdays between 9:00 a.m. and 4:00 p.m. or at the District's website at www.bboed.org

on our
website now

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Address Bayonne School District
669 Avenue A
Bayonne, NJ 07002

Phone
2018585800