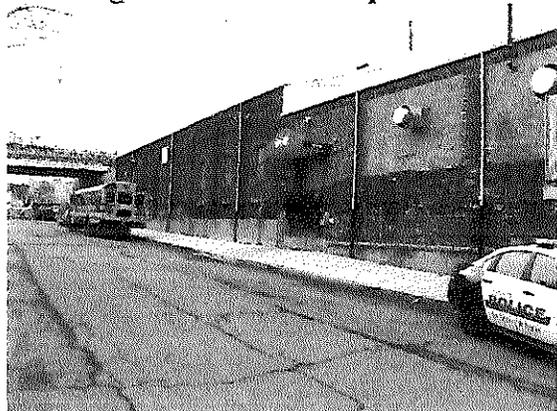


Attendees:

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:



The Central Kitchen (CK) is housed inside the Bayonne Board of Education Building at 54 Juliette Street. The CK supplies pre-made food to the Bayonne Public Schools (BPS). To the left is a photo of the front of the building (Juliette Street) taken by EPA.

Objective and Observations:

BPS indicated that sampling has not been conducted at the CK and has requested EPA sampling assistance through 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 (see underlined outlets below) 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 (Juliette Street) enters the basement (under CK), 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.

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: All fixtures are manually operated unless noted.

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

Basement	Storage	Water Main and Water Meter (Brass)
1 st Floor	Kitchen	Two (2) hand wash sinks
	Kitchen	Steamer has in-line water filter – no sample location available
	Kitchen	Island Sink – Faucet (screen on)
	Kitchen	Three (3) basin Stainless Steel sink with two (2) faucets
		Right faucet (screen on, <u>slight irregular flow</u> , spray hose attached, <u>1 second warm water drip</u>)
		Left faucet (screen on, <u>slight irregular flow</u>)

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
Leronda Aviles, Lorraine Salamanca, NJ DEP

Building Photo and Description:



The Central Kitchen (CK) is housed inside the Bayonne Board of Education Building at 54 Juliette Street. The CK supplies pre-made food to the Bayonne Public Schools (BPS). To the left is a photo of the front of the building (Juliette Street) 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 Central Kitchen. 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 Central Kitchen. EPA met and presented credentials to BPS Mike Kubert and Scott Nolan. EPA also met NJDEP staff Ms. Leronda Aviles and Ms. Lorraine Salamanca. NJDEP staff observed EPA sampling to prepare for NJDEP Newark, NJ public school sampling. Mr. Kubert, Mr. Nolan, Ms. Aviles and Ms. Salamanca accompanied EPA during the sampling event. There were no other personnel in the kitchen during sampling. Mr. Kubert stated that no water was used from the kitchen since 1:30pm March 22, 2016 and the kitchen was locked at 2:00pm on March 22, 2016. There were no do not use water signs posted at the Juliette Street Central Kitchen 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 First Floor Central Kitchen 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>
1 st Floor	00	Central Kitchen	Field Reagent Blank.
1 st Floor	1/2	Central Kitchen – 3 basin stainless steel sink	EPA sampled the LEFT facing faucet mounted on the 3 basin Stainless Steel sink. Faucet screen was on. The right faucet had a spray wand and could not be sampled. Mike Kubert stated that the two (2) faucets were completely removed and replaced with new faucets (T&S Brass) on 3/22/2016.
1 st Floor	3/4	Central Kitchen – Island sink	When CW water was turned on, there was a leak at the HW valve stem. Faucet screen was on.

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.

Two (2) potable water outlets, for a total of four (4) samples (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 (1 page)
- Building Floor Diagram (1 page)

CLIENT INFORMATION

Name: Bayonne Public Schools
 Address: 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

SCHOOL/PROJECT INFORMATION

BLDG ID:
 BLDG No./Name: Central Kitchen
 BLDG Address: 54 Juliette Street, Bayonne NJ 07002
 Contact Name & Numbers: Mike Kubert 201.858.5582 mkubert@bboed.org
 Yr. Built: PRE 1950s (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)
02											1443
03											0445
04											0448
05											
<i>[Large handwritten scribbles]</i>											

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

CHAIN OF CUSTODY

Relinquished By:	Received By:	Time:
Erwin J. Smieszek	<i>[Signature]</i>	9:20 3/23/16

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

INSTRUCTIONS TO THE LABORATORY

<input checked="" type="checkbox"/> Analyze all samples.	Lab: US EPA - Region 2 2890 Woodbridge Ave. Edison, NJ 08837 Contact: Ness Tirol	Report Results to:
<input checked="" type="checkbox"/> Follow QAPP instructions		Phone (732) 321-6686
<input checked="" type="checkbox"/> Add to preserve with HNO ₃ at pH<2		Email: kushwara.john@epa.gov
Other:		

Comments: Provide Laboratory Data Report (LDR)

[Handwritten notes at the bottom of the page]

Table 1.
OUTLET/ PLUMBING/ SAMPLE CODE

CODE	TYPE OF OUTLET OR PLUMBING	INITIAL SCREENING (1 ST 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

COD E	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	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-Central Kitchen-1603046

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-Central Kitchen-1603046

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-Central Kitchen-1603046

Project Number: 1603046

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
00 - CK- FRBLANK	1603046-01	Aqueous	03/23/2016 04:43	03/23/2016 09:30
0101KIINKIT101F	1603046-02	Aqueous	03/23/2016 04:45	03/23/2016 09:30
0201KIINKIT102F	1603046-03	Aqueous	03/23/2016 04:45	03/23/2016 09:30
0301KIINKIT201F	1603046-04	Aqueous	03/23/2016 04:48	03/23/2016 09:30
0401KIINKIT202F	1603046-05	Aqueous	03/23/2016 04:48	03/23/2016 09:30



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-Central Kitchen-1603046

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-Central Kitchen-1603046

Project Number: 1603046

Analyte	Result	Qualifier	Reporting Limit	Units	Date and Time of Analysis*
Field ID: 00 - CK- FRBLANK			Sample ID: 1603046-01		
Metals ICPMS Lead	--	U	1.0	ug/L	
Field ID: 0101KIINKIT101F			Sample ID: 1603046-02		
Metals ICPMS Lead	1.4		1.0	ug/L	
Left faucet on Wall sink 1st draw					
Field ID: 0201KIINKIT102F			Sample ID: 1603046-03		
Metals ICPMS Lead	--	U	1.0	ug/L	
Left faucet on Wall sink 2nd draw					
Field ID: 0301KIINKIT201F			Sample ID: 1603046-04		
Metals ICPMS Lead	--	U	1.0	ug/L	
Faucet on island sink 1st draw					
Field ID: 0401KIINKIT202F			Sample ID: 1603046-05		
Metals ICPMS Lead	--	U	1.0	ug/L	
Faucet on island sink 2nd draw					

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

Page 1 / 1

Address: Bayonne School District
669 Avenue A
Bayonne, NJ 07002

Phone
2018585800