

LEAD IN POTABLE WATER SCREENING REPORT

INVESTIGATION FOR: Valentina Baldessarre

St. Mary/ Phoenix Center 17 Monsignor Owens Place

Nutley, NJ 07110

SITE INVESTIGATED: St. Mary/ Phoenix Center

17 Monsignor Owens Place

Nutley, NJ 07110

ASSESSMENT BY: Luke Antoci

Omega Environmental Services, Inc.

280 Huyler Street

South Hackensack, NJ 07606

INVESTIGATION

CONDUCTED: 8/9/2024

DATE OF REPORT: 9/11/2024

(Omega Project # 24-08-3123)

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EXECUTIVE SUMMARY:

The Archdiocese of Newark requested representative lead in water testing of potable water outlets at St. Mary/ Phoenix Center 17 Monsignor Owens Place, Nutlet NJ 07110.

Previous Testing (2/21/2017)

In order to assess the building water outlets, a full testing of all potable outlets was performed on February 21, 2017.

Reportedly the outlets were not flushed or used on the day of testing.

First draw and flush samples (30 second) were collected of 21 water fountains and sinks.

Results of most first draw samples analyzed were below the Lead and Copper Rule action level of 15 ppb. Four first draw samples were above 15 ppb. The associated flush samples were below 15 ppb.

Recent Testing (8/9/2024)

In order to further assess the building water outlets a testing of representative potable outlets was performed on August, 9th 2024.

Reportedly the outlets were flushed the day prior to sampling.

First draw and flush samples (30 second) were collected at 7 water fountains and sinks.

Results of the first draw samples analyzed were below the Lead and Copper Rule action level of 15 μ g/L.

See Section 3 Discussion of Results

1 RESULTS TABLE:

			Lead		
Sample #	Location	1st draw (FD) or flush (FL)	Results (µg/L)	LCR Action Level ⁽¹⁾ (µg/L)	
1	Sub-Basement - Kitchen Faucet	FD	ND	15	
3	Sub-Basement Kitchen Sink in Closet	FD	14.6	15	
5	Basement Teaching Kitchen Faucet L	FD	ND	15	
7	Basement Teaching Kitchen R	FD	ND	15	
9	1st Floor - Nurse's Room Sink	FD	ND	15	
11	Room 113 Faucet	FD	ND	15	
13	2 nd Floor Art Room Sink	FD	ND	15	
15	Field Blank	FB	ND	15	

⁽¹⁾ EPA Lead in Copper Rule (1991) Action Level for water suppliers (municipalities and private wells) and March 2016 Newark Public Schools Lead Water Testing Sampling Plan.

FD – First Draw Sample

FL – Flush Sample (30 sec)

NA – Not Analyzed

2 SAMPLING METHODOLOGY:

First Draw Samples - Without allowing any water to spill until sample collection, samples were collected with a relatively slow flow rate in 250 mL bottles prepared with Nitric Acid (HNO₃) as a preservative.

Flush Samples – After collection of first draw samples the water was allowed to flow at a relatively slow rate for thirty second to flush the fixture and close piping. The flush samples are intended to test the plumbing further upstream from the fixture (behind walls).

The samples were packaged in a cooler and shipped to EMSL Analytical, Inc NJ for total lead in potable water analysis (method E200.8 IOC).

3 DISCUSSION OF RESULTS:

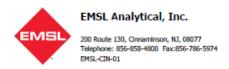
All first draw results were below the Lead and Copper action level of 15 µg/L.

4 **RECOMMENDATIONS:**

Long Term:

- Repeat full building testing on an annual basis. Generally this should be performed in August prior to the start of the school season.
- Develop a Lead in Water Management Plan in accordance with the 2006 EPA 3Ts for Reducing Lead in Drinking Water in Schools.

A. Lead in Water Laboratory Reports



EMSL Order ID: 012426459 LIMS Reference ID: AC26459 EMSL Customer ID: OMEG50

Attention: Tom Givnish

Omega Environmental Services [OMEG50] 280 Huyler Street South Hackensack, NJ 07606 (201) 489-8700 tomg@omega-env.com Project Name:

St. Mary/Phoenix Center / 24-083123

Customer PO:

 EMSL Sales Rep:
 Josh Silverman

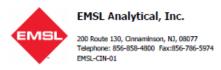
 Received:
 08/09/2024 20:10

 Reported:
 08/28/2024 13:06

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 1FD/SUB-Basement Kitchen Faucet		Lim	s Refer	ence ID:	AC26459-01	Matrix: Drinking	g Water	Sa	mpled: 08/09/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/22/24 18:39	08/26/24 20:29	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 3FD/SUB-Basement Kitchen Sink in Closet		Lim	s Refer	ence ID:	AC26459-03	Matrix: Drinking	g Water	Sa	mpled: 08/09/24 00:00:00
Metals Load	14.8		1	1.00	μg/L	08/22/24 18:39	08/26/24 20:35	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 5 FD/Basement Teaching Kitchen Faucet L		Lim	s Refer	ence ID:	AC26459-05	Matrix: Drinking	g Water	Sa	mpled: 08/09/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/22/24 18:39	08/26/24 20:37	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 7 FD/Basement Teaching Kitchen Faucet R		Lim	s Refer	ence ID:	AC26459-07	Matrix: Drinking	g Water	Sa	mpled: 08/09/24 00:00:00
Metals Lead	ND		1	1.00	µg/L	08/22/24 18:39	08/26/24 20:38	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 9FD/1st Floor Nurse's Room Sink		Lim	s Refer	ence ID:	AC26459-09	Matrix: Drinking	g Water	Sa	mpled: 08/09/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/22/24 18:39	08/26/24 20:40	PL	EPA 200.8 (DAYEPA 200.8
Sample: 11FD/Room 113 Faucet		Lim	s Refer	ence ID:	AC26459-11	Matrix: Drinking	g Water	Sa	mpled: 08/09/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/22/24 18:39	08/26/24 20:42	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 13FD/2nd Floor Art Room Sink		Lim	s Refer	ence ID:	AC26459-13	Matrix: Drinking	g Water	Sa	mpled: 08/09/24 00:00:00
Metals Lead	ND		1	1.00	μg/L	08/22/24 18:39	08/26/24 20:44	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 15FB		Lim	s Refer	ence ID:	AC26459-15	Matrix: Drinking	g Water	Sa	mpled: 08/09/24 00:00:00
Metals Load	ND		1	1.00	μg/L	08/22/24 18:39	08/26/24 20:46	PL	EPA 200.8 (DA)/EPA 200.8

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South Hackensack, NJ 07606

(201) 489-8700 tomg@omega-env.com Project Name: St. Mary/Phoe

St. Mary/Phoenix Center / 24-083123

Customer PO:

 EMSL Sales Rep:
 Josh Silverman

 Received:
 08/09/2024 20:10

 Reported:
 08/28/2024 13:06

Certified Analyses included in this Report

Analyte	Certifications
EDA 200 8 in Drinking Water	

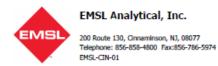
EPA 200.8 in Drinking Water

Lead NJDEP

List of Certifications

Code	Description	Number	Expires	
PADEP	Pennsylvania Department of Environmental Protection	68-00367	11/30/2024	
NYSDOH	New York State Department of Health	10872	04/01/2025	
NJDEP	New Jersey Department of Environmental Protection	03036	06/30/2024	
MADEP	Massachusetts Department of Environmental Protection	M-NJ337	06/30/2024	
CTDPH	Connecticut Department of Public Health	PH-0270	06/23/2024	
California ELAP	California Water Boards	1877	06/30/2024	
AIHA LAP	EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC-ELLAP Accredited	100194	01/01/2025	
A2LA	A2LA Environmental Certificate	2845.01	07/31/2024	

Please see the specific Field of Testing (FOT) on www.emsl.com for a complete listing of parameters for which EMSL is certified.



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Received: 08/09/2024 20:10

Reported: 08/28/2024 13:06

Notes and Definitions

Item	Definition
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DF	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the detection limit.
NR	Spike/Surrogate showed no recovery.
Q	Qualifier
RL	Reporting Limit
Wet	Sample is not dry weight corrected.

Measurement of uncertainty and any applicable definitions of method modifications are available upon request. Per EPA NLLAP policy, sample results are not blank corrected.



Owen McKenna Laboratory Manager or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.

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EMSL Analytical, Inc. Lead Chain of Custody 200 Route 130 North EMSL Order Number / Lab Use Only Cinnaminson, NJ 08077 PHONE: (800) 220-3675 EMSL ANALYTICAL, INC. x.26459 EMAIL; CinnaminsonLeadLab@emsl.com ompany Name: Omega Environmental Services Company Name Omega Environmental Services Billing Cor Tom Givnish et Address: 280 Huyler Street Street Address 280 Huyler Street City, State, Zip: South Hackensack, NJ 07606 Country: USA City, State, Zio: Country: USA South Hackensack, NJ 07606 201-489-8700 201-489-8700 Email(s) for Invoice (Is) for Report: lab@omega-env.com/tomg@omega-env.com ap@omega-env.com roject St, Mary/Phoenia Center 24-08-3123 EMSL LIMS Project ID: If applicable, GMSL will Commercial (Taxable) iampled By Name Ke Antoci 15 96 Hour 24 Hour 72 Hour ✓ 2 Week MATRIX SELECTION METHOD INSTRUMENT REPORTING LIMIT SW 846-7000B Flame Atomic Absorption 0.008% (80ppm) *Reporting Limit based on a minimum 0.25g sample weight SW 846-60100* ICP-OES 0.0004% (4ppm) NIOSH 7082 Flame Atomic Absorption 4µg/filter NIOSH 7300M / NIOSH 7303M ICP-OES 0.5µg/filter NIOSH 7309M / NIOSH 7303M ICP-MS 0.05µg/filter ASTM: NON-ASTM SW 846-7000B Flame Atomic Absorption 10µg/wipe *If no bo cked, non-ASTM Wipe is SW 846-6010D* ICP-OES 1.0µg/wipe SW 846-1311 / 7000B / SM 3111B Flame Atomic Absorption 0.4 mg/L (ppm) TCLP SW 846-1311 / SW 846-6010D* ICP-OES 0.1 mg/L (ppm) ne Atomia Absorptio SW 846-1312 / 7000B / SM 3111B 0.4 mg/L (ppm) SPLP SW 846-1312 / SW 846-6010D* ICP-OES 0,1 mg/L (ppm 22 CCR App. II, 7000B Flame Atomic Absorption 40mg/kg (ppm) TTLC ICP-OES 22 CCR App. II. SW 846-6010D* 2mg/kg (ppm) 22 CCR App. II, 7000B Flame Atomic Absorption 0.4 mg/L (ppm) STLC 22 CCR App. II, SW 846-6010D* ICP-OES 0.1 mg/L (ppm) SW 846-7000B 40mg/kg (ppm) Soil SW 846-6010D ICP-DES 2mg/kg (ppm) Е SM 3111B / SW 846-7000B Wastewater Flame Atomic Absorption 0.4 mg/L (ppm) ☐ ☐ PH<2 Unpreserved EPA 200.7 ICP-OES 0.020 mg/L (ppm) Preserved with HNO3 EPA 200.5 ICP-OES 0.003 mg/L (ppm) Drinking Water EPA 200.8 ICP-MS 0.001 mg/L (ppm) Preserved with HNO3 V TSP/SPM Filter 40 CFR Part 50 ICP-OES 12 µg/filter Sample Location Volume / Area Date / Time Sampled Samples begin on the following page. *Only analyza Flush samples if its corresponding First Draw sample is >15 PPB

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

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8/9/14

hod of Shipment

Julie UNIV