



## LEAD IN POTABLE WATER SCREENING REPORT

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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, 9<sup>th</sup> 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 µg/L.**

*See Section 3 Discussion of Results*

# 1 RESULTS TABLE:

Sample #	Location	1 <sup>st</sup> draw (FD) or flush (FL)	Lead	
			Results (µg/L)	LCR Action Level <sup>(1)</sup> (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	1 <sup>st</sup> Floor - Nurse's Room Sink	FD	ND	15
11	Room 113 Faucet	FD	ND	15
13	2 <sup>nd</sup> Floor Art Room Sink	FD	ND	15
15	Field Blank	FB	ND	15

<sup>(1)</sup> 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 (HNO<sub>3</sub>) 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 3T's for Reducing Lead in Drinking Water in Schools.

## A. Lead in Water Laboratory Reports

**EMSL Analytical, Inc.**

200 Route 130, Cinnaminson, NJ, 08077  
Telephone: 856-858-4800 Fax: 856-786-5974  
EMSL-CIN-01

**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	Analyt Initials	Prep /Analytical Method
Sample: 1FD/SUB-Basement Kitchen Faucet      Lims Reference ID: AC26459-01      Matrix: Drinking Water      Sampled: 08/09/24 00:00:00									
<b>Metals</b>									
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      Lims Reference ID: AC26459-03      Matrix: Drinking Water      Sampled: 08/09/24 00:00:00									
<b>Metals</b>									
Lead	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      Lims Reference ID: AC26459-05      Matrix: Drinking Water      Sampled: 08/09/24 00:00:00									
<b>Metals</b>									
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      Lims Reference ID: AC26459-07      Matrix: Drinking Water      Sampled: 08/09/24 00:00:00									
<b>Metals</b>									
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      Lims Reference ID: AC26459-09      Matrix: Drinking Water      Sampled: 08/09/24 00:00:00									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	08/22/24 18:39	08/26/24 20:40	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 11FD/Room 113 Faucet      Lims Reference ID: AC26459-11      Matrix: Drinking Water      Sampled: 08/09/24 00:00:00									
<b>Metals</b>									
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      Lims Reference ID: AC26459-13      Matrix: Drinking Water      Sampled: 08/09/24 00:00:00									
<b>Metals</b>									
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      Lims Reference ID: AC26459-15      Matrix: Drinking Water      Sampled: 08/09/24 00:00:00									
<b>Metals</b>									
Lead	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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**Certified Analyses included in this Report**

Analyte	Certifications
<i>EPA 200.8 in Drinking Water</i>	
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
AZLA	AZLA Environmental Certificate	2845.01	07/31/2024

Please see the specific Field of Testing (FOT) on [www.emsl.com](http://www.emsl.com) <<http://www.emsl.com>> for a complete listing of parameters for which EMSL is certified.



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### 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.  
TESTING LABS • PRODUCTS • TRAINING

### Lead Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.  
200 Route 130 North  
Cinnaminson, NJ 08077

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

AC 264159

<b>Customer Information</b>		<b>Billing Information</b>	
Customer ID:		Billing ID:	
Company Name: Omega Environmental Services		Company Name: Omega Environmental Services	
Contact Name: Tom Givnish		Billing Contact:	
Street Address: 280 Huyler Street		Street Address: 280 Huyler Street	
City, State, Zip: South Hackensack, NJ 07606 Country: USA		City, State, Zip: South Hackensack, NJ 07606 Country: USA	
Phone: 201-489-8700		Phone: 201-489-8700	
Email(s) for Report: lab@omega-env.com/tomg@omega-env.com		Email(s) for Invoice: ap@omega-env.com	
<b>Project Information</b>			
Project Name/No: St. Mary/Phoenix Center / 24-08-3123		Purchase Order:	
EMSL LIMS Project ID: (if applicable, EMSL will provide)		US State where samples collected: NJ	
Sampled By Name: Luke Antoci		State of Connecticut (CT) must select project location: <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)	
Sampled By Signature: [Signature]		No. of Samples in Shipment: 15	
<b>Turn-Around-Time (TAT)</b>			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 32 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input checked="" type="checkbox"/> 2 Week			
Please call ahead for large projects and/or turnaround times 6 Hours or Less. *22 Hour TAT available for select tests only; samples must be submitted by 11:30am.			
<b>MATRIX</b>	<b>METHOD</b>	<b>INSTRUMENT</b>	<b>REPORTING LIMIT</b>
CHIPS <input type="checkbox"/> % by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/L	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)
*Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D*	ICP-OES	0.0004% (4ppm)
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter
WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe
*If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D*	ICP-OES	1.0µg/wipe
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)
Unpreserved <input type="checkbox"/>	EPA 200.7	ICP-OES	0.020 mg/L (ppm)
Preserved with HNO3 <input type="checkbox"/> PH<2	EPA 200.5	ICP-OES	0.003 mg/L (ppm)
Drinking Water	EPA 200.8	ICP-MS	0.001 mg/L (ppm)
Unpreserved <input type="checkbox"/>	40 CFR Part 50	ICP-OES	12 µg/filter
Preserved with HNO3 <input checked="" type="checkbox"/> PH<2			
TSP/SPM Filter			
Other:			
Sample Number	Sample Location	Volume / Area	Date / Time Sampled
Samples begin on the following page. *Only analyze Flush samples if its corresponding First Draw sample is >15 PPB.			
Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by: [Signature]	Date/Time: 8/9/14 7:30 am	Received by: [Signature]	Date/Time: 8/24/14 20:10
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - CQC-25 Lead R16.4/19/2021

\*6010C Available Upon Request

☐ 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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