LEAD IN POTABLE WATER SCREENING REPORT

INVESTIGATION FOR:	Valentina Baldessarre Archdiocese of Newark 171 Clifton Avenue P.O. Box 9500 Newark, NJ 07104
SITE INVESTIGATED:	Fedcap School 8 St. Cloud Place West Orange, NJ, 07052
ASSESSMENT BY:	Kadeem Hill Omega Environmental Services, Inc. 280 Huyler Street South Hackensack, NJ 07606
INVESTIGATION CONDUCTED:	4/22/2025
DATE OF REPORT:	5/23/2025

(Omega Project # 25-03-3730)

Omega Environmental Services, Inc. 280 Huyler Street - South Hackensack, NJ 07606 - Tel: (201) 489-8700 - Fax: (201)342-5412

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EXECUTIVE SUMMARY:

The Archdiocese of Newark requested representative lead in water testing of potable water outlets at Fedcap School at 8 St Cloud Place, West Orange, NJ 07052.

Previous Testing

No information related to previous testing was available.

Recent Testing (4/22/2025)

In order to further assess the building water outlets a testing of representative potable outlets was performed on April 22nd, 2025.

Reportedly the outlets were flushed the day prior to sampling.

All first draw results were below the Lead and Copper action level of 15 µg/L. Flush samples are not analyzed when first draw <15 µg/L.

See Section 3 Discussion of Results

1 RESULTS TABLE:

Sample #	Location	1st draw (FD) or flush (FL)	Lead	
			Results (µg/L)	LCR Action Level (1) (µg/L)
01	Prep Kitchen Sink	FD	None Detected	15
02	Field Blank	-	None Detected	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

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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_3) 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, Cinnaminson, NJ for total lead in potable water analysis (method E200.8 IOC).

3 DISCUSSION OF RESULTS:

No first draw sample results were above 15 µg/L, which indicates that no corrective action must be taken.

4 RECOMMENDATIONS:

Long Term:

- If additional testing shows similar results (first draw results above 15 µg/L) consider replacing the spout of the fountains (may contain brass, adding to lead levels), installing filters (if practical), or fixture replacement.
- 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

Omega Environmental Services, Inc. 280 Huyler Street - South Hackensack, NJ 07606 - Tel: (201) 489-8700 - Fax: (201)342-5412

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012520604
LIMS Reference ID: AD20604
EMSL Customer ID: OMEG50

Attention: Kadeem Hill
Omega Environmental Services [OMEG50]
280 Huyler Street
South Hackensack, NJ 07606
(201) 489-8700
kadeemh@omega-env.com

Project Name: 25-03-3730

Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 05/07/2025 09:40
Reported: 05/22/2025 12:02

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 01-FD/Prep Kitchen Sink - First Draw			**Lims Reference ID:**		**AD20604-01**	**Matrix: Drinking Water**			**Sampled: 04/22/25 10:12:00**
Metals									
Lead	ND		1	1.00	µg/L	05/20/25 15:06	05/21/25 12:46	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 03-FB/Blank			**Lims Reference ID:**		**AD20604-03**	**Matrix: Drinking Water**			**Sampled: 04/22/25 12:05:00**
Metals									
Lead	ND		1	1.00	µg/L	05/20/25 15:06	05/21/25 12:52	PL	EPA 200.8 (DA)/EPA 200.8

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LIMS Reference ID: AD20604
EMSL Customer ID: OMEG50

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Certified Analyses included in this Report

Analyte	Certifications
EPA 200.8 in Drinking Water	
Lead	NJDEP

List of Certifications

Code	Description	Number	Expires
PADEP	Pennsylvania Department of Environmental Protection	2845.25	11/30/2025
NYSDOH	New York State Department of Health ELAP	10872	04/01/2025
NJDEP	New Jersey Department of Environmental Protection	03036	06/30/2025
MADEP	Massachusetts Department of Environmental Protection	M-NJ337	06/30/2025
CTDPH	Connecticut Department of Public Health	PH-0270	06/23/2026
California ELAP	California Water Boards	1877	06/30/2025
AIHA LAP	American Industrial Hygiene Association (AIHA LAP, LLC)	100194	05/01/2025
A2LA	A2LA Environmental Certificate	2845.01	07/31/2026

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

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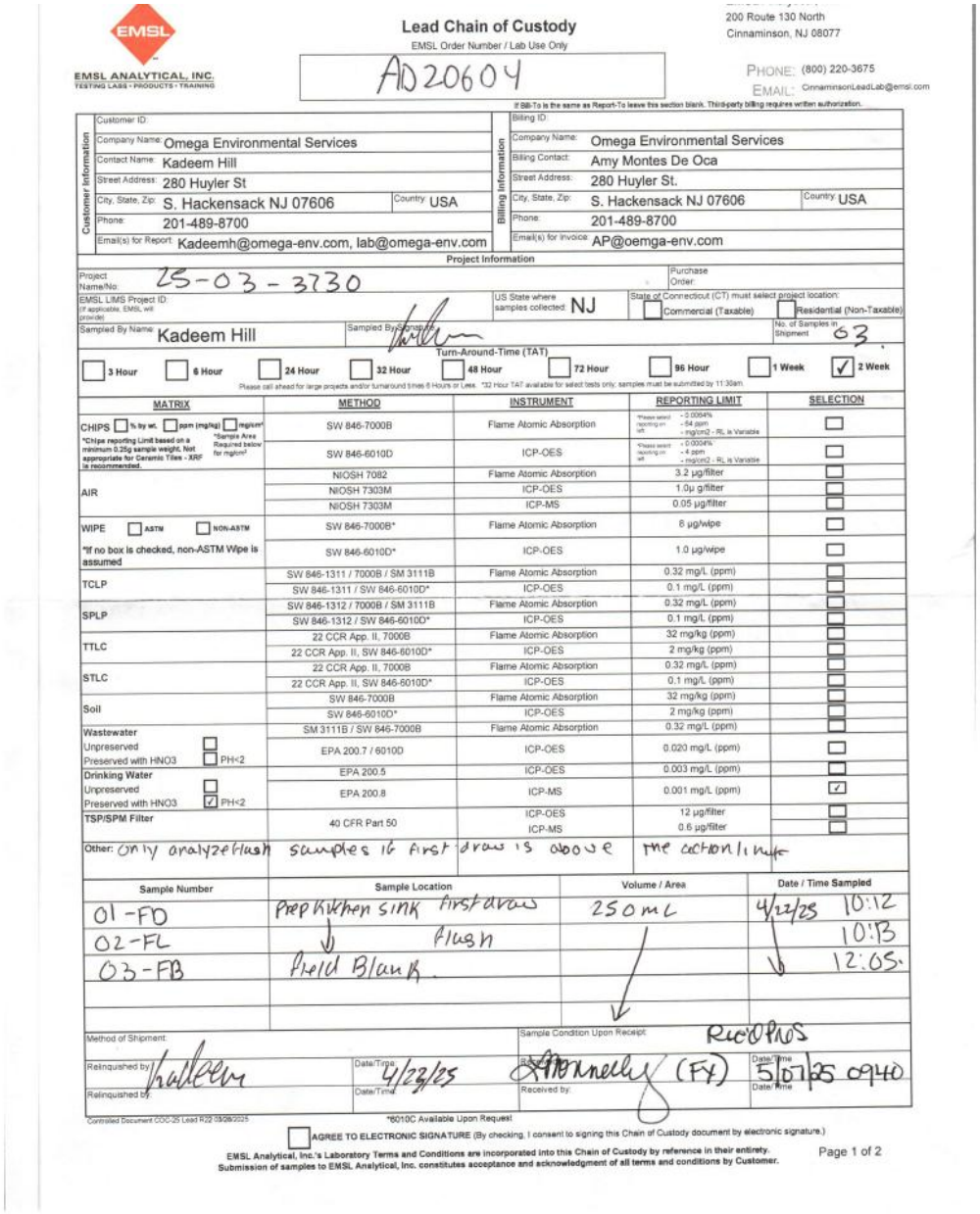
Notes and Definitions

Item	Definition
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DA	Direct 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
RCS	Respirable Crystalline Silica
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 ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only: AD20604

200 Route 130 North
Cinnaminson, NJ 08077
PHONE: (800) 220-3675
EMAIL: CinnaminsonLeadLab@emsl.com

If Bill-To is the same as Report-To leave this section blank. Third-party billing requires written authorization.

Customer Information

Customer ID:	
Company Name:	Omega Environmental Services
Contact Name:	Kadeem Hill
Street Address:	280 Huyler St
City, State, Zip:	S. Hackensack NJ 07606
Country:	USA
Phone:	201-489-8700
Email(s) for Report:	Kadeemh@omega-env.com, lab@omega-env.com

Billing Information

Billing ID:	
Company Name:	Omega Environmental Services
Billing Contact:	Amy Montes De Oca
Street Address:	280 Huyler St.
City, State, Zip:	S. Hackensack NJ 07606
Country:	USA
Phone:	201-489-8700
Email(s) for Invoice:	AP@oemga-env.com

Project Information

Project Name/No.: 25-03-3730
Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)
US State where samples collected: NJ
State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Sampled By Name: Kadeem Hill
Sampled By Signature:
No. of Samples in Shipment: 03

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☑ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS ☐ % by wt. ☐ ppm (mg/kg) ☐ mg/cm² *Chips reporting Limit based on a minimum 0.25g sample weight. Not appropriate for Ceramic Tiles - XRF is recommended. *Sample Area Required below for mg/cm²	SW 846-7000B	Flame Atomic Absorption	*Please select reporting on left. - 0.0004% - 54 ppm - mg/cm2 - RL is Variable	☐
	SW 846-6010D	ICP-OES	*Please select reporting on left. - 0.0004% - 4 ppm - mg/cm2 - RL is Variable	☐
AIR	NIOSH 7082	Flame Atomic Absorption	3.2 µg/filter	☐
	NIOSH 7303M	ICP-OES	1.0µ g/filter	☐
	NIOSH 7303M	ICP-MS	0.05 µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM *If no box is checked, non-ASTM Wipe is assumed	SW 846-7000B*	Flame Atomic Absorption	8 µg/wipe	☐
	SW 846-6010D*	ICP-OES	1.0 µg/wipe	☐
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.32 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	0.32 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	32 mg/kg (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	2 mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.32 mg/L (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW 846-7000B	Flame Atomic Absorption	32 mg/kg (ppm)	☐
	SW 846-6010D*	ICP-OES	2 mg/kg (ppm)	☐
	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.32 mg/L (ppm)	☐
Wastewater ☐ Unpreserved ☐ Preserved with HNO3 ☐ PH<2	EPA 200.7 / 6010D	ICP-OES	0.020 mg/L (ppm)	☐
Drinking Water ☐ Unpreserved ☐ Preserved with HNO3 ☑ PH<2	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☑
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
		ICP-MS	0.6 µg/filter	☐
Other: Only analyze flush samples if first draw is above the action limit				

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
01-FD	Prep Kitchen sink First draw	250mL	4/22/25 10:12
02-FL	↓ Flush	↓	10:13
03-FB	Field Blank		12:05

Method of Shipment:
Sample Condition Upon Receipt: Received
Relinquished by: Kadeem — Date/Time: 4/23/25
Relinquished by: — Date/Time:
Received by: (FX) — Date/Time: 5/07/25 0940

Controlled Document COC-25 Lead R22 03/28/2025

*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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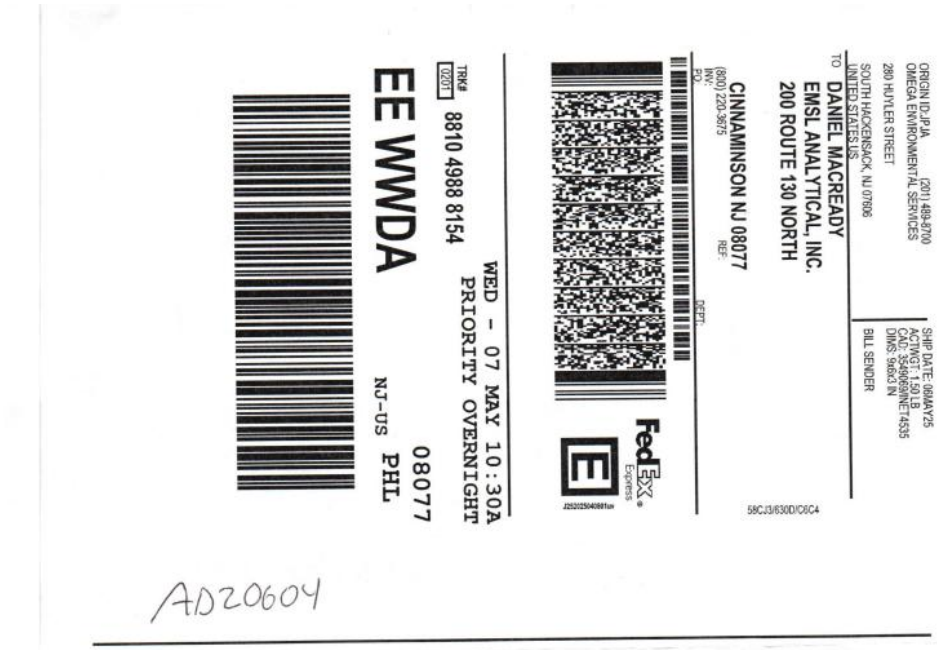

AD20604

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