



LEAD IN POTABLE WATER SCREENING REPORT

INVESTIGATION FOR: Edward Morris
New Community Corporation
266 South Orange Avenue
Newark, NJ 07103

SITE INVESTIGATED: Harmony House
274 South Orange Avenue
Newark, NJ 07103

ASSESSMENT BY: Thomas Givnish
Omega Environmental Services, Inc.
280 Huyler Street
South Hackensack, NJ 07606

REPORT PREPARATION: Nicole Piano

INVESTIGATION
CONDUCTED: 2/17/2022

DATE OF REPORT: 3/3/2022

(Omega Project # 22-1063)

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EXECUTIVE SUMMARY:

The New Community Corporation requested representative lead in water testing of potable water outlets at Harmony House on 274 South Orange Avenue, Newark, New Jersey, 07103.

Previous Testing

No information related to previous testing was available.

Recent Testing (2/16/2022)

In order to comply with the *NJDEP Lead in Drinking Water at Schools Facilities (April 2021)* requirements, a full testing of all potable outlets was performed on February 16, 2022.

Reportedly the outlets were flushed the day prior to sampling.

First draw and flush samples (30 second) were collected from five (5) locations.

All first draw results were below the Lead and Copper action level of 15 ppb.

See Section 3 Discussion of Results

Applicable Corrective Action

Conduct weekly 1-minute flushing of outlets not used on a regular basis.

1 RESULTS TABLE:

Sample #	Location	1 st draw (FD) or flush (FL)	Lead		Copper	
			Lead Results (ppb)	LCR Action Level ⁽¹⁾ (ppb)	Copper Results (ppb)	LCR Action Level ⁽¹⁾ (ppb)
1 FD	Men's BR – L	FD	ND	15	120	1,300
2 FL	Men's BR – L	FL	ND	15	29	1,300
3 FD	Men's BR – R	FD	ND	15	62	1,300
4 FL	Men's BR – R	FL	ND	15	13	1,300
5 FD	Women's BR – L	FD	ND	15	77	1,300
6 FL	Women's BR – L	FL	ND	15	41	1,300
7 FD	Women's BR – R	FD	1.13	15	130	1,300
8 FL	Women's BR – R	FL	ND	15	20	1,300
9 FD	Kitchen Sink	FD	ND	15	45	1,300
10 FL	Kitchen Sink	FL	ND	15	ND	1,300
17 FB	Field Blank	FB	ND	15	ND	1,300

⁽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, Cinnaminson, 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 ppb.

4 RECOMMENDATIONS:

Long Term:

- If additional testing shows similar results (first draw results above 15 ppb) consider replacing the spout of the outlets (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



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

Lab
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

3/2/2022

Phone: (201) 489-8700
Fax: (201) 489-8797

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 2/21/2022. The results are tabulated on the attached data pages for the following client designated project:

22-1063

The reference number for these samples is EMSL Order #012202661. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Owen McKenna, Chemistry Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.



EMSL Analytical, Inc.
 200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (856) 303-2500 / (856) 858-4571
<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012202661
 CustomerID: OMEG50
 CustomerPO: 22-1063
 ProjectID:

Attn: **Lab** Phone: (201) 489-8700
Omega Environmental Services Fax: (201) 489-8797
280 Huyler Street Received: 2/21/2022 09:00 AM
South Hackensack, NJ 07606
 Project: 22-1063

Analytical Results

Client Sample Description 01-Men's BR-L-FD **Collected:** 2/16/2022 8:30:00 AM **Lab ID:** 012202661-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Copper	120 D	10 µg/L	2/24/2022 JW	2/24/2022 JW 19:01
200.8	Lead	ND	1.00 µg/L	2/24/2022 JW	2/24/2022 JW 17:19

Client Sample Description 02-Men's BR-L-FL **Collected:** 2/16/2022 8:32:00 AM **Lab ID:** 012202661-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Copper	29	5.0 µg/L	2/24/2022 JW	2/24/2022 JW 17:27
200.8	Lead	ND	1.00 µg/L	2/24/2022 JW	2/24/2022 JW 17:27

Client Sample Description 03-Men's BR-R-FD **Collected:** 2/16/2022 8:34:00 AM **Lab ID:** 012202661-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Copper	62	5.0 µg/L	2/24/2022 JW	2/24/2022 JW 17:29
200.8	Lead	ND	1.00 µg/L	2/24/2022 JW	2/24/2022 JW 17:29

Client Sample Description 04-Men's BR-R-FL **Collected:** 2/16/2022 8:36:00 AM **Lab ID:** 012202661-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Copper	13	5.0 µg/L	2/23/2022 KB	2/24/2022 JW 15:29
200.8	Lead	ND	1.00 µg/L	2/23/2022 KB	2/24/2022 JW 15:29



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 200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (856) 303-2500 / (856) 858-4571
<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012202661
 CustomerID: OMEG50
 CustomerPO: 22-1063
 ProjectID:

Attn: **Lab** Phone: (201) 489-8700
Omega Environmental Services Fax: (201) 489-8797
280 Huyler Street Received: 2/21/2022 09:00 AM
South Hackensack, NJ 07606
 Project: 22-1063

Analytical Results

Client Sample Description 05-Women's BR-L-FD **Collected:** 2/16/2022 8:38:00 AM **Lab ID:** 012202661-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Copper	77	5.0 µg/L	2/24/2022 JW	2/24/2022 JW 17:32
200.8	Lead	ND	1.00 µg/L	2/24/2022 JW	2/24/2022 JW 17:32

Client Sample Description 06-Women's BR-L-FL **Collected:** 2/16/2022 8:40:00 AM **Lab ID:** 012202661-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Copper	41	5.0 µg/L	2/23/2022 KB	2/24/2022 JW 15:22
200.8	Lead	ND	1.00 µg/L	2/23/2022 KB	2/24/2022 JW 15:22

Client Sample Description 07-Women's BR-R-FD **Collected:** 2/16/2022 8:42:00 AM **Lab ID:** 012202661-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Copper	130 D	10 µg/L	2/24/2022 JW	2/24/2022 JW 19:04
200.8	Lead	1.13	1.00 µg/L	2/24/2022 JW	2/24/2022 JW 17:35

Client Sample Description 08-Women's BR-R-FL **Collected:** 2/16/2022 8:44:00 AM **Lab ID:** 012202661-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Copper	20	5.0 µg/L	2/23/2022 KB	2/24/2022 JW 15:31
200.8	Lead	ND	1.00 µg/L	2/23/2022 KB	2/24/2022 JW 15:31

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (856) 303-2500 / (856) 858-4571
<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order:	012202661
CustomerID:	OMEG50
CustomerPO:	22-1063
ProjectID:	

Attn: Lab Omega Environmental Services 280 Huyler Street South Hackensack, NJ 07606	Phone: (201) 489-8700 Fax: (201) 489-8797 Received: 2/21/2022 09:00 AM
Project: 22-1063	

Analytical Results

Client Sample Description 09-Kitchen Sink-FD	Collected: 2/16/2022 8:46:00 AM	Lab ID: 012202661-0009
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Copper	45	5.0 µg/L	2/24/2022 JW	2/24/2022 JW 17:43
200.8	Lead	ND	1.00 µg/L	2/24/2022 JW	2/24/2022 JW 17:43

Client Sample Description 10-Kitchen Sink-FL	Collected: 2/16/2022 8:48:00 AM	Lab ID: 012202661-0010
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Copper	ND	5.0 µg/L	2/24/2022 JW	2/24/2022 JW 17:45
200.8	Lead	ND	1.00 µg/L	2/24/2022 JW	2/24/2022 JW 17:45

Client Sample Description Field Blank	Collected: 2/16/2022 8:50:00 AM	Lab ID: 012202661-0011
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Copper	ND	5.0 µg/L	2/24/2022 JW	2/24/2022 JW 17:48
200.8	Lead	ND	1.00 µg/L	2/24/2022 JW	2/24/2022 JW 17:48

Definitions:
 MDL - method detection limit
 J - Result was below the reporting limit, but at or above the MDL
 ND - indicates that the analyte was not detected at the reporting limit
 RL - Reporting Limit (Analytical)
 D - Dilution Sample required a dilution which was used to calculate final results



**Environmental Chemistry
Chain of Custody**
EMSL Order Number (Lab Use Only):
012202661

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Report To Contact Name: Omega Environmental Services, Inc. Bill To Company: Omega
 Company Name: Omega Attention To: Accounts Payable
 Street: 280 Huyler Street Street: 280 Huyler Street
 City/State/Zip: Hackensack NJ 07606 City/State/Zip: Hackensack NJ 07606
 Phone: (201) 489-8700 Fax: Phone: (201) 489-8700 Fax:
 Project Name: 22-1063 Email Results To: lab@omega-env.com U.S. State where Samples Collected: NJ
 Number of Samples in Shipment: 28 Date of Shipment: 2/17/22 Purchase Order: Sampled By (Signature): [Signature]
 Standard Turnaround Time: 2 Weeks The following TAT's are subject to lab approval: 1 Week 4 Days 3 Days 2 Days 1 Day
 Failure to complete will hinder processing of samples List Test(s) Needed

Client Sample ID	Comp	Grab	Date/Time	Matrix	Preservative	Received By	Date & Time	Comments
01-MUN'S BR-L-FD		X	8:30	DW	2	OPEN	2/18/22 9PM	
02-MUN'S BR-L-FL			8:32					
03-MUN'S BR-R-FD			8:34					
04-MUN'S BR-R-FL			8:36					
05-NEWMAN'S BR-L-FD			8:38					
06-NEWMAN'S BR-L-FL			8:40					

Released By (Signature): [Signature] Date & Time: 2/17/22 1200
 Received By: OPEN Date & Time: 2/18/22 9PM
 Instructions or Comments: See previous CR

