



# **Environmental Health Investigations, Inc.**

655 West Shore Trail  
Sparta, New Jersey 07871

Phone/Fax: 973-729-5649  
[www.ehi-inc.com](http://www.ehi-inc.com)

## **REPORT OF FINDINGS**

### **Lead & Copper Water Sampling**

#### **Conducted For:**

**JM Sorge, Inc.  
57 Fourth Street  
Somerville, New Jersey**

#### **Conducted At:**

**The Greater Morristown YMCA  
6 Saddle Road  
Cedar Knolls, New Jersey**

**Testing Conducted: December 13, 2019  
Report Date: February 11, 2020**

**EHI Project #: 0934-8439  
JM Sorge Project #: 2019.227**

**JM Sorge, Inc.  
6 Saddle Road  
Cedar Knolls, NJ**

**Lead & Copper Water Sampling  
December 13, 2019  
EHI Project #: 0934-8439**

## **1.0 Introduction**

Environmental Health Investigations, Inc. (EHI) was retained by JM Sorge, Inc. to conduct water sampling at The Greater Morristown YMCA daycare facility located at 6 Saddle Road in Cedar Knolls, New Jersey.

Testing was conducted for Lead and Copper a requirement by the New Jersey Department of Children and Families for child care centers that are supplied water by a community water system.

## **2.0 Methods**

Samples were collected on December 13, 2019 by Laura Wiecezak. The samples were analyzed for the following parameters:

Copper - Method 200.8

Lead - Method 200.8

The samples were collected in accordance with the New Jersey Department of Children and Families (NJDCF) Drinking Water Testing Checklist. The Drinking Water Testing Checklist at a child care center is attached as *Appendix A* of this report.

A total of 11 sinks and 1 drinking water fountain are located in the daycare facility. At least 50% of the total outlets were sampled including all drinking water and food preparation. All sample locations are labeled on the map attached as *Appendix B* of this report. All samples were analyzed by New Jersey certified drinking water laboratory, Integrated Analytical Laboratory located in Randolph, New Jersey (Lab #: 14751). Laboratory analytical results are attached as *Appendix C* of this report.

JM Sorge, Inc.  
6 Saddle Road  
Cedar Knolls, NJ

Lead & Copper Water Sampling  
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### 3.0 Results

Sample ID	Location	Copper ug/L	Lead ug/L
JW-121319-1	Room #2 at Sink, Cold Water	46.2	08.07
JW-121319-2	Kitchen Sink, Cold Water	488	ND
JW-121319-3	Women's Restroom at Sink #2, Cold Water	555	1.17
JW-121319-4	Men's Restroom at Sink #1, Cold Water	266	2.04
JW-121319-5	Women's Restroom- Adjacent to Senior Yoga Room- at Sink #1, Cold Water	656	1.20
JW-121319-6	Kitchen Water Fountain, Cold Water	149	ND

ND: Not Detected

### 4.0 Discussion

The New Jersey Drinking Water Standards have action levels for copper at 1300 µg/L and lead at 15 µg/L. No samples exceed the NJ Drinking Water Standard limits.

Sampling & Report:

*Laura Wiczezak*  
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Laura Wiczezak  
Project Manager

Reviewed By:

*William S. Kerbel*  
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William S. Kerbel, CIH  
President

**ANALYTICAL DATA REPORT**  
for  
**Environmental Health Investigations, Inc.**  
655 West Shore Trail  
Sparta, NJ 07871

**Project Name: 0934-8439**  
**Lab Case Number: E19-09154**

RL = REPORTING LIMIT					MDL = METHOD DETECTION LIMIT
<b>Metals</b>					
Lab ID: 09154-001					Date Sampled: 12/13/2019
Client ID: JW-121319-1					Time Sampled: 10:00
Matrix-Units: Drinking Water-ug/L					Date Analyzed: 12/19/19
Percent Moisture: 100					
<b>Parameter</b>	<b>Result</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>	
Copper	46.2		2.00	1.40	
Lead	0.807	J	2.00	0.600	
<b>Metals</b>					
Lab ID: 09154-002					Date Sampled: 12/13/2019
Client ID: JW-121319-2					Time Sampled: 10:02
Matrix-Units: Drinking Water-ug/L					Date Analyzed: 12/19/19
Percent Moisture:					
<b>Parameter</b>	<b>Result</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>	
Copper	488		2.00	1.40	
Lead	ND		2.00	0.600	
<b>Metals</b>					
Lab ID: 09154-003					Date Sampled: 12/13/2019
Client ID: JW-121319-3					Time Sampled: 10:05
Matrix-Units: Drinking Water-ug/L					Date Analyzed: 12/20/19
Percent Moisture:					
<b>Parameter</b>	<b>Result</b>	<b>Q</b>	<b>RL</b>	<b>MDL</b>	
Copper	555		2.00	1.40	
Lead	1.17	J	2.00	0.600	

ND = Analyzed for but Not Detected at the MDL

J = Concentration detected at a value below the RL and above the MDL for target compounds. For non-target compounds (i.e. TICs), qualifier indicates estimated concentrations.

**ANALYTICAL DATA REPORT**  
for  
**Environmental Health Investigations, Inc.**  
**655 West Shore Trail**  
**Sparta, NJ 07871**

**Project Name: 0934-8439**  
**Lab Case Number: E19-09154**

RL = REPORTING LIMIT

MDL = METHOD DETECTION LIMIT

Metals				
Lab ID: 09154-004				
Client ID: JW-121319-4				
Matrix-Units: Drinking Water-ug/L				
Percent Moisture:				
	<b>Parameter</b>	<b>Result</b>	<b>Q</b>	<b>RL</b>
	Copper	266		2.00
	Lead	2.04		2.00
				<b>MDL</b>
				1.40
				0.600


Metals				
Lab ID: 09154-005				
Client ID: JW-121319-5				
Matrix-Units: Drinking Water-ug/L				
Percent Moisture:				
	<b>Parameter</b>	<b>Result</b>	<b>Q</b>	<b>RL</b>
	Copper	656		2.00
	Lead	1.20	J	2.00
				<b>MDL</b>
				1.40
				0.600

Metals				
Lab ID: 09154-006				
Client ID: JW-121319-6				
Matrix-Units: Drinking Water-ug/L				
Percent Moisture:				
	<b>Parameter</b>	<b>Result</b>	<b>Q</b>	<b>RL</b>
	Copper	149		2.00
	Lead	ND		2.00
				<b>MDL</b>
				1.40
				0.600

ND = Analyzed for but Not Detected at the MDL

J = Concentration detected at a value below the RL and above the MDL for target compounds. For non-target compounds (i.e. TICs), qualifier indicates estimated concentrations.

These data have been reviewed and accepted by:

  
Michael H. Leftin, Ph.D  
Laboratory Director