



3095 Main Street • Caledonia, NY 14423 • 585-538-2253

## ***Village of Caledonia 2020 Lead & Copper Sampling***

The Village of Caledonia is required by the NYSDOH to sample for lead & copper every three (3) years. The Village sampled 10 sites this year. Sample sites are selected to meet the United States Environmental Protection Agency's (USEPA) Tier 1 or Tier 3 sample site criteria. The tiers are based on the year the structure was built which in turn is a reflection of the plumbing materials used. The sample results are compared to an Action Level (AL) determined by the USEPA. An Action Level is defined as the concentration of a contaminant, which if exceeded, triggers treatment or other requirements which a water system must follow. The Action Levels are:

***LEAD AL = 0.015 MG/L***

***COPPER AL = 1.3 MG/L***

The following are the results for the 10 sample sites. None of the sample sites exceeded the Action Level.



**Life Science Laboratories, Inc.**  
 5854 Butternut Drive  
 East Syracuse, NY 13057 (315) 445-1900

# Analytical Results

State Certification No: 10248

**CLIENT:** Life Science Labs-LIMS **Client Sample ID:** 12 Stoney Oak Cir.  
**Project:** 2014556-Caledonia, Village of  
**Location:**  
**Matrix:** PWS **Lab ID:** 2014556-001A  
**Collection Date:** 09/08/20 6:47  
**Date Received:** 09/08/20 9:55

Analyte	Result and Qualifiers	Units	Date Analyzed
<b>METALS BY ICPMS</b>		<b>EPA 200.8, Rev. 5.4</b>	<b>(EPA 200.2)</b>
Copper	0.17	mg/L	09/22/20 15:40
Lead	< 0.0010	mg/L	09/22/20 15:40

**Qualifiers:**

- \* Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



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# Analytical Results

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**CLIENT:** Life Science Labs-LIMS  
**Project:** 2014556-Caledonia, Village of  
**Location:**  
**Matrix:** PWS

**Client Sample ID:** 3192 *Philmore Ave.*

**Lab ID:** 2014556-002A  
**Collection Date:** 09/08/20 7:30  
**Date Received:** 09/08/20 9:55

Analyte	Result and Qualifiers	Units	Date Analyzed
<b>METALS BY ICPMS</b>		<b>EPA 200.8, Rev.5.4</b>	<b>(EPA 200.2)</b>
Copper	0.096	mg/L	09/22/20 15:50
Lead	0.0019	mg/L	09/22/20 15:50

**Qualifiers:**

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- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
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**Analytical Results**

State Certification No: 10248

**CLIENT:** Life Science Labs-LIMS  
**Project:** 2014556-Caledonia, Village of  
**Location:**  
**Matrix:** PWS

**Client Sample ID:** 3044 *Ida's Lane*

**Lab ID:** 2014556-003A  
**Collection Date:** 09/08/20 6:00  
**Date Received:** 09/08/20 9:55

Analyte	Result and Qualifiers	Units	Date Analyzed
<b>METALS BY ICPMS</b>		<b>EPA 200.8,Rev.5.4</b>	<b>(EPA 200.2)</b>
Copper	0.043	mg/L	09/22/20 15:54
Lead	< 0.0010	mg/L	09/22/20 15:54

**Qualifiers:**

- \* Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
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# Analytical Results

State Certification No: 10248

**CLIENT:** Life Science Labs-LIMS  
**Project:** 2014556-Caledonia, Village of  
**Location:**  
**Matrix:** PWS

**Client Sample ID:** 376 *Leicester St.*

**Lab ID:** 2014556-004A  
**Collection Date:** 09/08/20 5:20  
**Date Received:** 09/08/20 9:55

Analyte	Result and Qualifiers	Units	Date Analyzed
<b>METALS BY ICPMS</b>		<b>EPA 200.8, Rev.5.4</b>	<b>(EPA 200.2)</b>
Copper	0.028	mg/L	09/22/20 16:57
Lead	< 0.0010	mg/L	09/22/20 15:57

**Qualifiers:**

- \* Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



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# Analytical Results

State Certification No: 10248

**CLIENT:** Life Science Labs-LIMS  
**Project:** 2014556-Caledonia, Village of  
**Location:**  
**Matrix:** PWS

**Client Sample ID:** 465 Sandhill Road

**Lab ID:** 2014556-005A  
**Collection Date:** 09/08/20 6:30  
**Date Received:** 09/08/20 9:55

Analyte	Result and Qualifiers	Units	Date Analyzed
<b>METALS BY ICPMS</b>		<b>EPA 200.8,Rev.5.4</b>	<b>(EPA 200.2)</b>
Copper	0.092	mg/L	09/22/20 16:00
Lead	0.0024	mg/L	09/22/20 16:00

**Qualifiers:** \* Value may exceed the Acceptable Level  
 E Value exceeds the instrument calibration range  
 J Analyte detected below the PQL  
 P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 ND Not Detected at the Practical Quantitation Limit (PQL)  
 S Spike Recovery outside accepted recovery limits



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# Analytical Results

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**CLIENT:** Life Science Labs-LIMS  
**Project:** 2014556-Caledonia, Village of  
**Location:**  
**Matrix:** PWS

**Client Sample ID:** 479 Middle Road

**Lab ID:** 2014556-006A  
**Collection Date:** 09/08/20 0:10  
**Date Received:** 09/08/20 9:55

Analyte	Result and Qualifiers	Units	Date Analyzed
<b>METALS BY ICPMS</b>		<b>EPA 200.8,Rev.5.4</b>	<b>(EPA 200.2)</b>
Copper	0.14	mg/L	09/22/20 16:04
Lead	< 0.0010	mg/L	09/22/20 16:04

**Qualifiers:** \* Value may exceed the Acceptable Level  
 E Value exceeds the instrument calibration range  
 J Analyte detected below the PQL  
 P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 ND Not Detected at the Practical Quantitation Limit (PQL)  
 S Spike Recovery outside accepted recovery limits



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# Analytical Results

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**CLIENT:** Life Science Labs-LIMS  
**Project:** 2014556-Caledonia, Village of  
**Location:**  
**Matrix:** PWS

**Client Sample ID:** 3199 *Philmore Ave*

**Lab ID:** 2014556-007A  
**Collection Date:** 09/08/20 6:05  
**Date Received:** 09/08/20 9:55

Analyte	Result and Qualifiers	Units	Date Analyzed
<b>METALS BY ICPMS</b>		<b>EPA 200.8, Rev. 5.4</b>	<b>(EPA 200.2)</b>
Copper	0.058	mg/L	09/22/20 16:07
Lead	0.0054	mg/L	09/22/20 16:07

**Qualifiers:** \* Value may exceed the Acceptable Level  
 E Value exceeds the instrument calibration range  
 J Analyte detected below the PQL  
 P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 ND Not Detected at the Practical Quantitation Limit (PQL)  
 S Spike Recovery outside accepted recovery limits





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# Analytical Results

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**CLIENT:** Life Science Labs-LIMS  
**Project:** 2014556-Caledonia, Village of  
**Location:**  
**Matrix:** PWS

**Client Sample ID:** 2958 Graney Rd.

**Lab ID:** 2014556-008A  
**Collection Date:** 09/08/20 8:20  
**Date Received:** 09/08/20 9:55

Analyte	Result and Qualifiers	Units	Date Analyzed
<b>METALS BY ICPMS</b>		<b>EPA 200.8,Rev.5.4</b>	<b>(EPA 200.2)</b>
Copper	0.052	mg/L	09/22/20 16:17
Lead	0.0015	mg/L	09/22/20 16:17

**Qualifiers:**

- \* Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



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# Analytical Results

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**CLIENT:** Life Science Labs-LIMS  
**Project:** 2014556-Caledonia, Village of  
**Location:**  
**Matrix:** PWS

**Client Sample ID:** 3039 *Ida's Lane*

**Lab ID:** 2014556-009A  
**Collection Date:** 09/08/20 6:00  
**Date Received:** 09/08/20 9:55

Analyte	Result and Qualifiers	Units	Date Analyzed
<b>METALS BY ICPMS</b>			
		EPA 200.8,Rev.5.4	(EPA 200.2)
Copper	0.020	mg/L	09/22/20 16:21
Lead	< 0.0010	mg/L	09/22/20 16:21

**Qualifiers:**

- \* Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



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# Analytical Results

State Certification No: 10248

**CLIENT:** Life Science Labs-LIMS  
**Project:** Caledonia, Village of  
**Location:**  
**Matrix:** PW

**Client Sample ID:** 3028 IDA's Lane-KCWT

**Lab ID:** 2015072-001A  
**Collection Date:** 09/15/20 6:15  
**Date Received:** 09/15/20 13:00

Analyte	Result and Qualifiers	Units	Date Analyzed
<b>METALS BY ICPMS</b>			
		<b>EPA 200.8,Rev.5.4</b>	<b>(EPA 200.2)</b>
Copper	0.060	mg/L	09/22/20 14:29
Lead	< 0.0010	mg/L	09/22/20 14:29

**Qualifiers:**

- \* Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits