



# Life Science Laboratories, Inc.

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## Laboratory Analysis Report

### Prepared For

## Wellsville Water Treatment Plant

LSL Project ID: **1800131**

Receive Date/Time: 01/03/18 13:10

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LSL Central Lab  
5854 Butternut Drive  
East Syracuse, NY 13057  
Tel. (315) 445-1900  
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NYS DOH ELAP #10248  
PA DEP #68-2556

LSL North Lab  
131 St. Lawrence Avenue  
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16 N. Main St., PO Box 424  
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NYS DOH ELAP #11667

LSL Southern Tier Office  
Cuba, NY  
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LSL MidLakes Office  
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Reviewed by:

Date:

David J. Prichard, Director of Tech. Services

A copy of this report was sent to: *Tyler Shaw*  
*Allegany County DOH*

# -- LABORATORY ANALYSIS REPORT --

Wellsville Water Treatment Plant    Wellsville, NY

<b>Sample ID:</b>	Entry Point	<b>LSL Sample ID:</b>	1800131-001
<b>Location:</b>			
<b>Sampled:</b>	01/03/18 9:00	<b>Sampled By:</b>	DLH
<b>Sample Matrix:</b>	PWS		

Analytical Method	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
Analyte	Result	Units		
(1) EPA 200.7 Metals	EPA 200.2			CA
Please refer to the next page				
(1) EPA 524.2 POCs, Vinyl chloride & MTBE				
Benzene	<0.5	ug/l	1/8/18	MSV
Bromobenzene	<0.5	ug/l	1/8/18	MSV
Bromochloromethane	<0.5	ug/l	1/8/18	MSV
Bromomethane	<0.5	ug/l	1/8/18	MSV
sec-Butylbenzene	<0.5	ug/l	1/8/18	MSV
n-Butylbenzene	<0.5	ug/l	1/8/18	MSV
tert-Butylbenzene	<0.5	ug/l	1/8/18	MSV
Carbon tetrachloride	<0.5	ug/l	1/8/18	MSV
Chlorobenzene	<0.5	ug/l	1/8/18	MSV
Chloroethane	<0.5	ug/l	1/8/18	MSV
Chloromethane	<0.5	ug/l	1/8/18	MSV
2-Chlorotoluene	<0.5	ug/l	1/8/18	MSV
4-Chlorotoluene	<0.5	ug/l	1/8/18	MSV
Dibromomethane	<0.5	ug/l	1/8/18	MSV
1,2-Dichlorobenzene	<0.5	ug/l	1/8/18	MSV
1,3-Dichlorobenzene	<0.5	ug/l	1/8/18	MSV
1,4-Dichlorobenzene	<0.5	ug/l	1/8/18	MSV
Dichlorodifluoromethane	<0.5	ug/l	1/8/18	MSV
1,1-Dichloroethane	<0.5	ug/l	1/8/18	MSV
1,2-Dichloroethane	<0.5	ug/l	1/8/18	MSV
cis-1,2-Dichloroethene	<0.5	ug/l	1/8/18	MSV
1,1-Dichloroethene	<0.5	ug/l	1/8/18	MSV
trans-1,2-Dichloroethene	<0.5	ug/l	1/8/18	MSV
1,2-Dichloropropane	<0.5	ug/l	1/8/18	MSV
1,3-Dichloropropane	<0.5	ug/l	1/8/18	MSV
2,2-Dichloropropane	<0.5	ug/l	1/8/18	MSV
1,1-Dichloropropene	<0.5	ug/l	1/8/18	MSV
cis-1,3-Dichloropropene	<0.5	ug/l	1/8/18	MSV
trans-1,3-Dichloropropene	<0.5	ug/l	1/8/18	MSV
Ethyl benzene	<0.5	ug/l	1/8/18	MSV
Hexachlorobutadiene	<0.5	ug/l	1/8/18	MSV
Isopropylbenzene (Cumene)	<0.5	ug/l	1/8/18	MSV
4-Isopropyl toluene (Cymene)	<0.5	ug/l	1/8/18	MSV
Methylene chloride	<0.5	ug/l	1/8/18	MSV
n-Propylbenzene	<0.5	ug/l	1/8/18	MSV
Styrene	<0.5	ug/l	1/8/18	MSV
1,1,1,2-Tetrachloroethane	<0.5	ug/l	1/8/18	MSV
1,1,2,2-Tetrachloroethane	<0.5	ug/l	1/8/18	MSV
Tetrachloroethene	<0.5	ug/l	1/8/18	MSV
Toluene	<0.5	ug/l	1/8/18	MSV
1,2,3-Trichlorobenzene	<0.5	ug/l	1/8/18	MSV
1,2,4-Trichlorobenzene	<0.5	ug/l	1/8/18	MSV

Analysis performed at: (1) LSL Central Lab, (2) LSL North Lab, (3) LSL Finger Lakes Lab



**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  
**Project:** Wellsville Water Treatment Plant  
**Location:**  
**Matrix:** PWS

**Client Sample ID:** *Entry Point*

**Lab ID:** 1800131-001C  
**Collection Date:** 01/03/18 9:00  
**Date Received:** 01/03/18 13:10

Analyte	Result and Qualifiers	Units	Date Analyzed
<b>TOTAL METALS BY ICP</b>		<b>EPA 200.7</b>	<b>(EPA 200.2)</b>
Sodium	11	mg/L	01/11/18 14:53

- 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





**-- LABORATORY ANALYSIS REPORT --**

*Wellsville Water Treatment Plant Wellsville, NY*

**Sample ID:** Trip Blank **LSL Sample ID:** 1800131-002

**Location:**

**Sampled:** 12/19/17 0:00 **Sampled By:**

**Sample Matrix:** TB

<b>Analytical Method</b>	<b>Result</b>	<b>Units</b>	<b>Prep Method</b>	<b>Prep Date</b>	<b>Analysis Date &amp; Time</b>	<b>Analyst Initials</b>
(1) EPA 524.2 POCs, Vinyl chloride & MTBE						
Trichlorofluoromethane (Freon 11)	<0.5	ug/l			1/8/18	MSV
1,2,3-Trichloropropane	<0.5	ug/l			1/8/18	MSV
1,2,4-Trimethylbenzene	<0.5	ug/l			1/8/18	MSV
1,3,5-Trimethylbenzene	<0.5	ug/l			1/8/18	MSV
Vinyl chloride	<0.5	ug/l			1/8/18	MSV
MTBE	<0.5	ug/l			1/8/18	MSV
Xylenes (Total)	<0.5	ug/l			1/8/18	MSV
Surrogate (1,2-DCA-d4)	112	%R			1/8/18	MSV
Surrogate (Tol-d8)	86	%R			1/8/18	MSV
Surrogate (4-BFB)	97	%R			1/8/18	MSV

# Life Science Laboratories, Inc.

## CHAIN OF CUSTODY RECORD

**1800131**  
Wellsville WTP  
5331

LSL Central Lab 131 St. Lawrence Ave. Waddington, N.Y. 13694  
 5854 Butternut Drive 16 N. Main St, PO Box 424 Wayland, NY 14572  
 E. Syracuse, NY 13057 Waddington, N.Y. 13694  
 p) 315-445-1105 Waddington, N.Y. 13694  
 f) 315-445-1301 Waddington, N.Y. 13694

LSL Finger Lakes 16 N. Main St, PO Box 424 Wayland, NY 14572  
 LSL Midlakes Drop Off 493 S. Main St. Canandaigua, NY 14424  
 LSL Southern Tier Office 24 W. Main St. Cuba, NY 14727  
 p) 585-728-3320  
 f) 585-728-2711

MUST BE KEPT COLD AFTER SAMPLING AND THEN DELIVERED TO LAB ON ICE

Address:

Dana L. Harris

Wellsville Water Treatment Plant

111 W. State St.

Wellsville, NY

Zip: 14895

Fax: 585-593-5864

585-808-4190 or 585-593-3333

dana@wellsvillewater.com

Project ID/Client Site ID

Turnaround Time

Normal

14 DAY

Pre-Authorized

Next Day\*

2-Day\*

3-Day\*

7-Day\*

\*Additional Charges may apply

Date Needed or Special Instructions:

Authorization or P.O.#

ALL SAMPLES MUST BE KEPT IN REFRIGERATOR & DELIVERED TO LAB ON ICE.

Client's Sample identifications	Sample Date	Sample Time	Type grab/comp	Matrix	Preserv Added Ascorbic HCL	Containers		Analyses	Res. cl <sup>2</sup>	Pres. Check	LSL ID#
						#	size/type				
Entry Point	01/03/18	0900	grab	dw		2	gc40m	POC	0.88		061AB
Entry Point	12-19-17	0900		tb	HCL	1	gc40m	Trip Blank			000A
Entry Point	01/03/18	0900	grab	dw	none	1		sodium	0.88	LS	000C
Entry Point	01/03/18	0915	grab	dw	none	1		nitrate	0.88		000D

Custody Transfers

Sampled By: Dana L. Harris  
 Relinquished By: Dana L. Harris  
 Relinquished By: Dana L. Harris  
 Shipment Method:   
 Received By:   
 Received By:   
 Rec'd for Lab By:   
 Received Intact: Y N

Ice YES or NO

emp 10.8°C

Containers this C-O-C

All areas of this Chain of Custody Record MUST be filled out in order to process samples in a timely manner IN PEN ONLY\*\*\*

receiving hours vary by location. Please call your local lab or 585-728-3320 for more information. Make checks payable to LSL Inc. or call 585-728-3320 to pay by credit card.