



# Life Science Laboratories, Inc.

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## Laboratory Analysis Report Prepared For Wellsville Water Treatment Plant

LSL Project ID: 1707024  
Receive Date/Time: 05/16/17 13:30

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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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Canandaigua, NY  
Tel. (585) 728-3320

This report was reviewed by:

Date:

6/1/17

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*

Sample ID: 686 Trapping Brook Rd. LSL Sample ID: 1707024-001  
 Location:  
 Sampled: 05/16/17 8:00 Sampled By: DLH  
 Sample Matrix: DW

Analytical Method	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
Analyte	Result Units			
<i>(1) EPA 524.2 Trihalomethanes</i>				
Bromodichloromethane	7.5 ug/l		5/19/17	MSV
Bromoform	<0.5 ug/l		5/19/17	MSV
Chloroform	33 ug/l		5/19/17	MSV
Dibromochloromethane	1.2 ug/l		5/19/17	MSV
Total Trihalomethane Concentration	42 ug/l		5/19/17	MSV
Surrogate (1,2-DCA-d4)	109 %R		5/19/17	MSV
Surrogate (Tol-d8)	100 %R		5/19/17	MSV
Surrogate (4-BFB)	103 %R		5/19/17	MSV
<i>(1) EPA 552.2 Haloacetic Acids (HAA5)</i>				
		EPA 552.2		
Dibromoacetic acid	<1 ug/l	5/19/17	5/26/17	CRT
Dichloroacetic acid	28 ug/l	5/19/17	5/26/17	CRT
Monobromoacetic acid	<1 ug/l	5/19/17	5/26/17	CRT
Monochloroacetic acid	1.9 ug/l	5/19/17	5/26/17	CRT
Trichloroacetic acid	22 ug/l	5/19/17	5/26/17	CRT
Total Haloacetic Acid Concentration	52 ug/l	5/19/17	5/26/17	CRT
Surrogate (2,3-Dibromo-propanoic acid)	95 %R	5/19/17	5/26/17	CRT
<i>(1) Free Chlorine (Client Provided)</i>				
Free Available Chlorine	0.47 mg/l		5/16/17 08:00	DLH

Sample ID: Trip Blank LSL Sample ID: 1707024-002  
 Location:  
 Sampled: Sampled By:  
 Sample Matrix: TB

Analytical Method	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
Analyte	Result Units			
<i>(1) EPA 524.2 Trihalomethanes</i>				
Bromodichloromethane	<0.5 %R		5/19/17	MSV
Bromoform	<0.5 ug/l		5/19/17	MSV
Chloroform	<0.5 ug/l		5/19/17	MSV
Dibromochloromethane	<0.5 ug/l		5/19/17	MSV
Total Trihalomethane Concentration	<0.5 ug/l		5/19/17	MSV
Surrogate (1,2-DCA-d4)	112 %R		5/19/17	MSV
Surrogate (Tol-d8)	97 %R		5/19/17	MSV
Surrogate (4-BFB)	103 %R		5/19/17	MSV

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

# -- LABORATORY ANALYSIS REPORT --

*Wellsville Water Treatment Plant    Wellsville, NY*

<b>Sample ID:</b>	24 Herman Ave.	<b>LSL Sample ID:</b>	1707024-003
<b>Location:</b>			
<b>Sampled:</b>	05/16/17 8:30	<b>Sampled By:</b>	DLH
<b>Sample Matrix:</b>	DW		

Analytical Method	Result	Prep Method Units	Prep Date	Analysis Date & Time	Analyst Initials
Analyte					
<i>(1)</i> EPA 524.2 Trihalomethanes					
Bromodichloromethane	7.2	ug/l		5/19/17	MSV
Bromoform	<0.5	ug/l		5/19/17	MSV
Chloroform	30	ug/l		5/19/17	MSV
Dibromochloromethane	1.2	ug/l		5/19/17	MSV
Total Trihalomethane Concentration	39	ug/l		5/19/17	MSV
Surrogate (1,2-DCA-d4)	107	%R		5/19/17	MSV
Surrogate (Tol-d8)	101	%R		5/19/17	MSV
Surrogate (4-BFB)	102	%R		5/19/17	MSV
<i>(1)</i> EPA 552.2 Haloacetic Acids (HAA5)					
		EPA 552.2			
Dibromoacetic acid	<1	ug/l	5/19/17	5/26/17	CRT
Dichloroacetic acid	24	ug/l	5/19/17	5/26/17	CRT
Monobromoacetic acid	<1	ug/l	5/19/17	5/26/17	CRT
Monochloroacetic acid	1.6	ug/l	5/19/17	5/26/17	CRT
Trichloroacetic acid	20	ug/l	5/19/17	5/26/17	CRT
Total Haloacetic Acid Concentration	46	ug/l	5/19/17	5/26/17	CRT
Surrogate (2,3-Dibromo-propanoic acid)	96	%R	5/19/17	5/26/17	CRT
<i>(1)</i> Free Chlorine (Client Provided)					
Free Available Chlorine	0.54	mg/l		5/16/17 08:30	DLH

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



# Life Science Laboratories, Inc.

## CHAIN OF CUSTODY RECORD

**1707024**

**Wellsville WTP**

**5331**

**LSL Central Lab** 5854 Butternut Drive E. Syracuse, NY 13057  
 LSL North Lab. 131 St. Lawrence Ave. 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) 315-445-1105 p) 315-388-4476 p) 585-209-4032  
 f) 315-445-1301 f) 315-388-4061 f) 585-728-3320  
 f) 585-728-2711

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

**Report Address:**  
 Name: Dana L. Harris  
 Company: Wellsville Water Treatment Plant  
 Street: 111 W. State St.  
 City/State: Wellsville, NY  
 Zip: 14895  
 Phone: 585-808-4190 or 585-593-3333  
 Email: dana@wellsvillewater.com

**Client Project ID/Client Site ID**  
 Authorization or P.O.#

**Turnaround Time**  
 Normal  Pre-Authorized   
 14 DAY  Next Day\*  3-Day\*   
 2-Day\*  7-Day\*   
 \*Additional Charges may apply

Date Needed or Special Instructions:

**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	Containers		Analyses	Pres. Check	LSL ID#
						#	size/type			
686 Trapping Brook Rd.	05/16/17	0800	Grab	dw	NaThio	2	gc40m	THM - 2.77mg/l cl <sup>2</sup>		001A, B
686 Trapping Brook Rd.	05/16/17	0800	Grab	dw	NaThio	1	ga125m	HAA5		001C
24 Herman Ave	05/16/17	0830	Grab	TB	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	1	gc40m	Trip Blank		002A
24 Herman Ave	05/16/17	0830	Grab	dw	NaThio	2	gc40m	THM - 0.57mg/l cl <sup>2</sup>		003A, B
			Grab	dw	NaThio	1	ga125m	HAA5		003C

LSL use only: Samples Received  
 On Ice    
 Shipment Method: Containers this C-O-C

**Custody Transfers**  
 Sampled By: Dana L. Harris  
 Relinquished By: Dana L. Harris  
 Relinquished By: Dana L. Harris  
 Received By: *[Signature]*  
 Received By: *[Signature]*  
 Rec'd for Lab By: Jordan Shisler  
 Received Intact: Y N  
 Date: 5/16/17  
 Time: 11:50  
 Sample Temp: 12.6

\*\*\* All areas of this Chain of Custody Record MUST be filled out in order to process samples in a timely manner IN PEN ONLY \*\*\*  
 Business and receiving hours vary by location. Please call your local lab or 585-728-3320 for more information.