

CERTIFICATE OF ANALYSIS

NY Lab ID 11534

Project Name:	<b>SLIPD</b>	Workorder:	<b>C056190</b>
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Karl Hardcastle  
Saratoga Lake Improvement & Protection  
PO Box 2551  
Ballston Spa, NY 12020

Project Name and Number: **SLIPD**

August 13, 2020

Dear Karl Hardcastle,

This report relates only to the sample(s) as received by the laboratory. Laboratory reports may not be reproduced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Caution is advised for the utilization of preliminary data included in reports labeled as "Preliminary Report" and should not be used for regulatory purposes. A laboratory signature is provided on final reports only.

If you have any questions in reference to this laboratory report, please contact your CNA Environmental project coordinator or laboratory manager listed at the bottom of this report at (518) 884-0800.

Note: This coverage page is included as part of the Analytical Report and must be retained as a permanent record thereof.

  
Laboratory Manager

CNA Environmental, LLC



Matthew Dougan For Johannes Helgren, Field Coordinator

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

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Matthew Dougan For Johannes Helgren, Field Coordinator

**Microbiological Parameters**

Date Received: 08/10/20 10:28

Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed	Notes
C056190-01	Fecal Coliform	SM 9222 D-06	41	2	Colonies/100ml	1000	Nielson Ave	8/10/20 09:00	8/10/20 11:12	E, M11
C056190-02	Fecal Coliform	SM 9222 D-06	840	9	Colonies/100ml	1000	Lake Lonely	8/10/20 09:00	8/10/20 11:12	E, M11
C056190-03	Fecal Coliform	SM 9222 D-06	4	2	Colonies/100ml	1000	Manning Cove	8/10/20 09:00	8/10/20 11:12	E, M11
C056190-04	Fecal Coliform	SM 9222 D-06	78	2	Colonies/100ml	1000	Rosy Lane	8/10/20 09:00	8/10/20 11:45	E, M11
C056190-05	Fecal Coliform	SM 9222 D-06	260	10	Colonies/100ml	1000	Cold Spring	8/10/20 09:00	8/10/20 11:45	E, M11
C056190-06	Fecal Coliform	SM 9222 D-06	25	2	Colonies/100ml	1000	Brown Beach	8/10/20 09:00	8/10/20 11:45	E, M11
C056190-07	Fecal Coliform	SM 9222 D-06	750	9	Colonies/100ml	1000	Sucker Brook	8/10/20 09:00	8/10/20 12:10	E, M11
C056190-08	Fecal Coliform	SM 9222 D-06	11	2	Colonies/100ml	1000	Pump Station	8/10/20 09:00	8/10/20 12:10	E, M11
C056190-09	Fecal Coliform	SM 9222 D-06	10	2	Colonies/100ml	1000	Lee Campground	8/10/20 09:00	8/10/20 12:10	E, M11
C056190-10	Fecal Coliform	SM 9222 D-06	270	10	Colonies/100ml	1000	Waterfront Park	8/10/20 09:00	8/10/20 12:45	
C056190-11	Fecal Coliform	SM 9222 D-06	8	2	Colonies/100ml	1000	Waters Edge	8/10/20 09:00	8/10/20 12:45	E, M11
C056190-12	Fecal Coliform	SM 9222 D-06	42	2	Colonies/100ml	1000	Kayaderosseras	8/10/20 09:00	8/10/20 12:45	
C056190-13	Fecal Coliform	SM 9222 D-06	370	10	Colonies/100ml	1000	Sandy Bay	8/10/20 09:30	8/10/20 12:45	
C056190-14	Fecal Coliform	SM 9222 D-06	490	10	Colonies/100ml	1000	Sucker 70 N	8/10/20 09:00	8/10/20 13:22	
C056190-15	Fecal Coliform	SM 9222 D-06	390	10	Colonies/100ml	1000	Sucker 425 E	8/10/20 09:00	8/10/20 13:22	
C056190-16	Fecal Coliform	SM 9222 D-06	1300	2	Colonies/100ml	1000	Sucker 70 M	8/10/20 09:00	8/10/20 13:22	E, M11

Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed	Notes
C056190-01	E. Coli Confirmation	SM 9222 G	28	2	Colonies/100ml	240	Nielson Ave	8/10/20 09:00	8/10/20 11:12	E, M11
C056190-02	E. Coli Confirmation	SM 9222 G	840	9	Colonies/100ml	240	Lake Lonely	8/10/20 09:00	8/10/20 11:12	E, M11
C056190-03	E. Coli Confirmation	SM 9222 G	ND	2	Colonies/100ml	240	Manning Cove	8/10/20 09:00	8/10/20 11:12	E, M11
C056190-04	E. Coli Confirmation	SM 9222 G	78	2	Colonies/100ml	240	Rosy Lane	8/10/20 09:00	8/10/20 11:45	E, M11
C056190-05	E. Coli Confirmation	SM 9222 G	260	10	Colonies/100ml	240	Cold Spring	8/10/20 09:00	8/10/20 11:45	E, M11
C056190-06	E. Coli Confirmation	SM 9222 G	17	2	Colonies/100ml	240	Brown Beach	8/10/20 09:00	8/10/20 11:45	E, M11
C056190-07	E. Coli Confirmation	SM 9222 G	660	9	Colonies/100ml	240	Sucker Brook	8/10/20 09:00	8/10/20 12:10	E, M11
C056190-08	E. Coli Confirmation	SM 9222 G	10	2	Colonies/100ml	240	Pump Station	8/10/20 09:00	8/10/20 12:10	E, M11
C056190-09	E. Coli Confirmation	SM 9222 G	7	2	Colonies/100ml	240	Lee Campground	8/10/20 09:00	8/10/20 12:10	E, M11
C056190-10	E. Coli Confirmation	SM 9222 G	270	10	Colonies/100ml	240	Waterfront Park	8/10/20 09:00	8/10/20 12:45	
C056190-11	E. Coli Confirmation	SM 9222 G	8	2	Colonies/100ml	240	Waters Edge	8/10/20 09:00	8/10/20 12:45	E, M11
C056190-12	E. Coli Confirmation	SM 9222 G	42	2	Colonies/100ml	240	Kayaderosseras	8/10/20 09:00	8/10/20 12:45	
C056190-13	E. Coli Confirmation	SM 9222 G	370	10	Colonies/100ml	240	Sandy Bay	8/10/20 09:30	8/10/20 12:45	

CNA Environmental, LLC

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Matthew Dougan For Johannes Helgren, Field Coordinator

**Microbiological Parameters**

**Date Received:** 08/10/20 10:28

Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed	Notes
C056190-14	E. Coli Confirmation	SM 9222 G	490	10	Colonies/100ml	240	Sucker 70 N	8/10/20 09:00	8/10/20 13:22	
C056190-15	E. Coli Confirmation	SM 9222 G	390	10	Colonies/100ml	240	Sucker 425 E	8/10/20 09:00	8/10/20 13:22	
C056190-16	E. Coli Confirmation	SM 9222 G	1300	2	Colonies/100ml	240	Sucker 70 M	8/10/20 09:00	8/10/20 13:22	E, M11

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**Notes and Definitions**

M11	Plate count was outside method reporting range. Result is an Estimate.
E	Estimate
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the Reporting Limit (RL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
<	Less than reporting limit
≤	Less than or equal to reporting limit
>	Greater than reporting limit
≥	Greater than or equal to reporting limit
MDL	Method Detection Limit
RL	Reporting Limit-Lowest concentration level that is reportable
MCL/AL	Maximum Contaminant Level*/Action Level
mg/kg wet	Results reported as wet weight
TTL	Total Threshold Limit Concentration
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leachate Procedure

\*MCL values listed in this report are taken from the New York State Department of Health Part 5, Subpart 5-1 Public Water System Tables. A full list of parameters and their associated MCL values can be found on the New York Department of Health's website, [www.health.ny.gov](http://www.health.ny.gov). Please note that some parameters tested may not have an associated MCL value. In other cases, a listed MCL value may refer to a recommended result limit or result equivalent to another parameter; as is the case for heterotrophic plate count (HPC). HPC results equal to or less than 500 colonies/mL is considered to be equivalent to a measurable free chlorine residual.

All work performed by CNA Environmental, LLC is subject to its terms and conditions of services viewable at our office and our website: [www.cnawater.com/about-us/terms](http://www.cnawater.com/about-us/terms)

CNA Environmental, LLC



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Matthew Dougan For Johannes Helgren, Field Coordinator



Certified National Analytic Labs

DRINKING WATER • NON-POTABLE WATER • MILK • FOOD • AIR

27 Kent Street  
Ballston Spa, NY 12020  
(518) 884-0800

Main Office and Lab  
M-F 8:00 AM - 4:30 PM

Sat 10:00 AM - Noon Total Coliforms ONLY

CNA Environmental LLC. 1 of 2  
172 Ridge Street  
Glens Falls, NY 12801  
(518) 884-0800 ext 408

Satellite Office (Sample Receipt)  
Monday 1pm-3pm, Friday 1pm-3pm  
Tues, Wed, Thursday: 10am-2pm

Chain of Custody Form

1056190

Client Name & Property Address of Site Sampled  
SARATOGA LAKE PARK REST  
IMPERIALMENT DIST

Contact Phone  
518 584 1984

Person taking sample(s)  
KAROL HANDELSMAN

Public Water Supply#:  
SARATOGA LAKE

Water Types: DW = Drinking water (chlorination, UV system, residential well)  
Raw = Untreated source water, NPW = Non-potable other (ie lake), WW = waste water.

Lab ID (CNA Use)	Sample Point	Date	Time	AM/PM	Grab or Composite	Water Type	# of bottles	Analysis Required
01	MULLEN AVE	9/10/20	9:00	AM	Composite	SARATOGA LAKE		Fec
02	LAKE LOWERY							
03	MUNICIPAL COLI							
04	ROXY LAKE							
05	COLD SPRING							
06	BROOK BRANCH							
07	SUCKER BRANCH							
08	FARM STATION							
09	1st Campground							
10	Waterfront Park							
11	Water Lake							
12	Bay Meadows							
13	SHOCKOLIN		9:38	AM				

Relinquished by: SANDY BAY Received by: Laboratory in Ballston Spa: RM Date/Time: 8-10-20 1028

CNA Environmental, LLC's mission is to be certified by the New York State Dept. of Health to perform the following analyses:  
 Potable water: Alkalinity, Chloride, Coliform, Color, Conductivity, Corrosivity, E. coli, Fluoride, Legionella, Nitrate, Nitrite, Odor, Standard Plate Count, Sulfate, and Turbidity.  
 Non-Potable water: BOD, Coliform (fecal and total), Conductivity, E. coli, Fluoride, Legionella, Nitrate, Nitrite, Solids (settleable and suspended), Standard Plate Count, Sulfate, and Turbidity.  
 CNA also conducts pH, Residual Chlorine, and Total Hardness on drinking water as well as dissolved oxygen on non-potable water.  
 All other analyses will be forwarded to an NYS DOH ELAP/NELAC approved laboratory. CNA reserves the right to use an approved laboratory for any and all analyses in the event that CNA is unable to perform an analysis.  
 Sample Retention Times: Finished products are kept until code date unless otherwise advised. Environmental sponges, water, and any other samples that have a hold time will not be saved after testing is complete, unless otherwise instructed by the regulatory body. Any atypical results, the client is contacted ASAP and CNA retains the sample based on the direction given by the client on how to proceed.

CNA USE ONLY  
 Samples were: Ship / Hand / Drop  
 Containers Intact: Y / N  
 Labels Match COC: Y / N  
 Temp. Upon Receipt: 24.3  
 On Ice/Cooling: [initials]  
 Method of Payment: B/P  
 Mailing/Billing Address: [blank]  
 Comments: [blank]

Email: KHARDELAS@NYCAP.RE.COM  
 Chlorine Residual (mg/l): [blank]  
 Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> Used: Y / N



DRINKING WATER - NON-POTABLE WATER - MILK - FOOD - AIR

**CNA Environmental LLC.** *2062*

27 Kent Street  
Ballston Spa, NY 12020  
(518) 884-0800

172 Ridge Street  
Glens Falls, NY 12801  
(518) 884-0800 ext 408

Main Office and Lab  
M-F 8:00 AM - 4:30 PM

Satellite Office (Sample Receipt)  
Monday 1pm-3pm, Friday 1pm-3pm  
Tues, Wed, Thursday: 10am-2pm

Sat 10:00 AM - Noon Total Coliforms ONLY

**Chain of Custody Form**

*1056190*

Client Name & Property Address of Site Sampled

Contact Phone

Person taking sample(s)

Public Water Supply#:

Sample Source (public water, well, pond, etc)

Water Types: DW = Drinking water (chlorination, UV system, residential well)  
Raw = Untreated source water, NPW = Non-potable other (lake), WW = waste water.

Lab ID (CNA Use)	Sample Point	Date	Time	AM PM	Grab or Composite	Water Type	# of bottles	Analysis Required
<i>14</i>	<i>Suckin 70N</i>	<i>8/10/16</i>	<i>90</i>	<i>AP</i>	<i>SWEATIN MARK</i>			<i>EC</i>
<i>15</i>	<i>Suckin 425E</i>			<i>AP</i>				
<i>16</i>	<i>Suckin 70M</i>			<i>AP</i>				
				<i>AP</i>				
				<i>AP</i>				
				<i>AP</i>				
				<i>AP</i>				
				<i>AP</i>				
				<i>AP</i>				
				<i>AP</i>				
				<i>AP</i>				
				<i>AP</i>				

Relinquished by:

*[Signature]*

Received by:

*[Signature]*

Date/Time:

*[Blank]*

Relinquished by:

*[Signature]*

Received by:

*[Signature]*

Date/Time:

*[Blank]*

Relinquished by:

*[Signature]*

Received by Laboratory in Ballston Spa:

*Rm*

Date/Time:

*8-10-20 1028*

CNA Environmental, LLC's mission is to be certified by the New York State Dept. of Health to perform the following analyses:

Potable water: Alkalinity, Chloride, Coliform, Color, Conductivity, Corrosivity, E. coli, Fluoride, Legionella, Nitrate, Nitrite, Odor, Standard Plate Count, Sulfate, and Turbidity.

Non-Potable water: BOD, Coliform (fecal and total), Conductivity, E. coli, Fluoride, Legionella, Nitrate, Nitrite, Solids (settleable and suspended), Standard Plate Count, Sulfate, and Turbidity.

CNA also conducts pH, Residual Chlorine, and Total Hardness on drinking water as well as dissolved oxygen on non-potable water.

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Sample Retention Times: Finished products are kept until code date unless otherwise advised. Environmental sponges, water, and any other samples that have a 'hold time' will not be saved after testing is complete, unless otherwise instructed by the regulatory body. Any atypical results, the client is contacted ASAP and CNA retains the sample based on the direction given by the client on how to proceed.

**CNA USE ONLY**

COC Complete: *Y* N

Temp. Upon Receipt: *24.3*

Samples were: Ship /Hand / Drop

Property Preserved: *Y* N

On Ice/Cooling: *Y* *(N)*

Containers Intact: *Y* N

Labels Match COC: *Y* N

Method of Payment: *Bill*

Mailing/Billing Address:

Comments:

Email:

Chlorine Residual (mg/l):

Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> Used: *Y/N*