

CERTIFICATE OF ANALYSIS

NY Lab ID 11534

Project Name:	SLIPD	Workorder:	C054463
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Karl Hardcastle
Saratoga Lake Improvement & Protection
PO Box 2551
Ballston Spa, NY 12020

Project Name and Number: **SLIPD**

June 17, 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.

Microbiological Parameters

Date Received: 06/15/20 11:15

Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed	Notes
C054463-01	Fecal Coliform	SM 9222 D-06	18	9	Colonies/100ml	1000	Nielson Ave	6/15/20 09:00	6/15/20 12:24	E, M11, QC2
C054463-02	Fecal Coliform	SM 9222 D-06	84	2	Colonies/100ml	1000	Lake Lonely	6/15/20 09:00	6/15/20 12:24	E, QC2
C054463-03	Fecal Coliform	SM 9222 D-06	42	2	Colonies/100ml	1000	Manning Cove	6/15/20 09:00	6/15/20 12:24	QC2
C054463-04	Fecal Coliform	SM 9222 D-06	4	2	Colonies/100ml	1000	Rosy Lane	6/15/20 09:00	6/15/20 13:00	E, M11, QC2
C054463-05	Fecal Coliform	SM 9222 D-06	300	10	Colonies/100ml	1000	Cold Spring	6/15/20 09:00	6/15/20 13:00	QC2
C054463-06	Fecal Coliform	SM 9222 D-06	28	2	Colonies/100ml	1000	Brown Beach	6/15/20 09:00	6/15/20 13:00	E, M11, QC2
C054463-07	Fecal Coliform	SM 9222 D-06	950	9	Colonies/100ml	1000	Sucker Brook	6/15/20 09:00	6/15/20 13:42	E, M11, QC2
C054463-08	Fecal Coliform	SM 9222 D-06	23	2	Colonies/100ml	1000	Pump Station	6/15/20 09:00	6/15/20 13:42	E, M11, QC2
C054463-09	Fecal Coliform	SM 9222 D-06	17	2	Colonies/100ml	1000	Lee Campground	6/15/20 09:00	6/15/20 13:42	E, M11, QC2
C054463-10	Fecal Coliform	SM 9222 D-06	16	2	Colonies/100ml	1000	Waterfront Park	6/15/20 09:00	6/15/20 13:54	E, M11, QC2
C054463-11	Fecal Coliform	SM 9222 D-06	2	2	Colonies/100ml	1000	Waters Edge	6/15/20 09:00	6/15/20 13:54	E, M11, QC2
C054463-12	Fecal Coliform	SM 9222 D-06	50	2	Colonies/100ml	1000	Kayaderosseras	6/15/20 09:00	6/15/20 14:03	QC2

Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed	Notes
C054463-01	E. Coli Confirmation	SM 9222 G	18	9	Colonies/100ml	240	Nielson Ave	6/15/20 09:00	6/15/20 12:24	E, M11, QC2
C054463-02	E. Coli Confirmation	SM 9222 G	76	2	Colonies/100ml	240	Lake Lonely	6/15/20 09:00	6/15/20 12:24	E, QC2
C054463-03	E. Coli Confirmation	SM 9222 G	42	2	Colonies/100ml	240	Manning Cove	6/15/20 09:00	6/15/20 12:24	QC2
C054463-04	E. Coli Confirmation	SM 9222 G	4	2	Colonies/100ml	240	Rosy Lane	6/15/20 09:00	6/15/20 13:00	E, M11, QC2
C054463-05	E. Coli Confirmation	SM 9222 G	300	10	Colonies/100ml	240	Cold Spring	6/15/20 09:00	6/15/20 13:00	QC2
C054463-06	E. Coli Confirmation	SM 9222 G	28	2	Colonies/100ml	240	Brown Beach	6/15/20 09:00	6/15/20 13:00	E, M11, QC2
C054463-07	E. Coli Confirmation	SM 9222 G	950	9	Colonies/100ml	240	Sucker Brook	6/15/20 09:00	6/15/20 13:42	E, M11, QC2
C054463-08	E. Coli Confirmation	SM 9222 G	22	2	Colonies/100ml	240	Pump Station	6/15/20 09:00	6/15/20 13:42	E, M11, QC2
C054463-09	E. Coli Confirmation	SM 9222 G	17	2	Colonies/100ml	240	Lee Campground	6/15/20 09:00	6/15/20 13:42	E, M11, QC2
C054463-10	E. Coli Confirmation	SM 9222 G	16	2	Colonies/100ml	240	Waterfront Park	6/15/20 09:00	6/15/20 13:54	E, M11, QC2
C054463-11	E. Coli Confirmation	SM 9222 G	2	2	Colonies/100ml	240	Waters Edge	6/15/20 09:00	6/15/20 13:54	E, M11, QC2
C054463-12	E. Coli Confirmation	SM 9222 G	50	2	Colonies/100ml	240	Kayaderosseras	6/15/20 09:00	6/15/20 14:03	QC2

CNA Environmental, LLC

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Matthew Dougan For Johannes Helgren, Field Coordinator

Notes and Definitions

QC2	Daily QC had a lab accident. Initial QC on lot of media was acceptable.
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
TTLIC	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. 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

CNA Environmental, LLC



Matthew Dougan For Johannes Helgren, Field Coordinator

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Certified National Analytic Labs

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

CNA Environmental LLC.
 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
 Sat 10:00 AM - Noon
 Total Coliforms ONLY
 Satellite Office (Sample Receipt)
 Monday 1pm-3pm, Friday 1pm-3pm
 Tues, Wed, Thursday: 10am-2pm

Chain of Custody Form

C054463

Client Name & Property Address of Site Sampled
 SARATOGA LAKE PROTECT
 IMPROVEMENT DIST

Contact Phone: 518 584 1984

Person taking sample(s): KARL HANDELSMAN

Public Water Supply#: SARATOGA LAKE

Sample Source (public water, well, pond, etc): 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	NILSON AVE	6/15/20	9:0	AP	SARATOGA LAKE			Fecal E. Coli
02	LAKE LOVELLY			AP	LAKE			
03	IMPROVEMENT DIST			AP				
04	ROSY LAKE			AP				
05	COLD SPRING			AP				
06	BROOK BRANCH			AP				
07	SUCKER BROOK			AP				
08	PUMP STATION			AP				
09	1st Impoundment			AP				
10	Waterfront Park			AP				
11	Water Edge			AP				
12	RAY ADDRESSORS		10	AP				
13	SHOKATOR			AP				

Relinquished by: [Signature]

Received by: [Signature]

Date/Time: [Blank]

Relinquished by: [Signature]

Received by Laboratory in Ballston Spa: TCS

Date/Time: 6/15/20 11:15

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

COC Complete: N

Temp. Upon Receipt: 16.5

Samples were: Ship Hand Drop Properly Preserved: N

On Ice/Cooling: N

Containers Intact: Y N

Labels Match COC: Y N

Mailing/Billing Address: [Blank]

Method of Payment: B:11

Comments: [Blank]

Email: KHARDEL@SARATOGA.NY.GOV

Chlorine Residual (mg/l): [Blank]

Na₂S₂O₃ Used: Y / N