City of Saratoga Springs
CITY ATTORNEY'S OFFICE
CITY HALL
474 Broadway
Saratoga Springs, New York 12866

Telephone 518-587-3550, ext. 2414

VINCENT J. DELEONARDIS
CITY ATTORNEY

ANTHONY J. IZZO
ASSISTANT CITY ATTORNEY

ROBIN MCFEE
EXECUTIVE ASSISTANT

January 4, 2021

VIA EMAIL ONLY
john.kaufmann21@gmail.com

RE: FOIL Request – DOH Water Quality Report

Dear Mr. Kaufmann:

In accordance with the provisions of New York State Public Officers Law §87, enclosed please find documents from the Department of Public Works that are responsive to your FOIL request.

This completes our fulfillment of your request in accordance with the statutory requirements of the Public Officers Law. Should you feel that you have been unlawfully denied access to records, you may appeal such denial in writing within thirty (30) calendar days. You may direct your appeal to this office.

If you require additional information or wish to discuss this matter further, do not hesitate to contact me.

Thank you,

Robin McFee
FOIL Officer

Enc.

NEW YORK STATE OF OPPORTUNITY. Department of Health

ANDREW M. CUOMO
Governor

HOWARD A. ZUCKER, M.D., J.D.
Commissioner

LISA J. PINO, M.A., J.D.
Executive Deputy Commissioner

November 30, 2020

Mr. Skip Scirocco
Commissioner of Public Works
5 Lake Avenue
Saratoga Springs, NY 12866

Re: Saratoga Springs City, PWSID# NY4500168
Saddle Brook Drive Complaint Follow-up

Dear Mr. Scirocco,

Enclosed is a copy of the results of a sample collected from a hydrant located on Saddle Brook Drive in response to a report of discolored water and elevated lead levels within the complainant's home.

The results demonstrate compliance with Subpart 5-1 of the New York State Sanitary Code. Please be advised that sodium exceeds 20 milligrams per liter (mg/l). Water containing more than 20 mg/l of sodium should not be used for drinking by people on severely restricted sodium diets. Water containing more than 270 mg/l of sodium should not be used for drinking by people on moderately restricted sodium diets. The chlorine residual and turbidity results recorded were 0.49 mg/l and 0.18 NTU, respectively.

I have addressed the discolored water complaint with Mr. Joe O'Neill, Deputy Commissioner of Public Works, and Mr. Brett Johnson, Chief Water Treatment Plant Operator. The City has committed to flushing the Saddle Brook Drive area monthly to provide more frequent water turnover. Monthly flushing should continue as agreed.

Please contact me if you have any questions. Thank you.

Sincerely,

Maria O'Connell, P.E.
Professional Engineer I

Enclosure

c: Joe O'Neill, City of Saratoga Springs
Brett Johnson, City of Saratoga Springs
Anita Gabalski, NYSDOH

27 Kent Street, Suite 102
Ballston Spa, NY 12020

CERTIFICATE OF ANALYSIS

NY Lab ID 11534

Project Name:	**Saratoga Springs City**	Workorder:	**C058855**

Sherry Gibson
NYSDOH Glens Falls District Office
77 Mohican Street
Glens Falls, NY 12801

Project Name and Number: **Saratoga Springs City PWS# NY4500168**

November 25, 2020

Dear Sherry Gibson,

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 cover page is included as part of the Analytical Report and must be retained as a permanent record thereof.

CNA Environmental, LLC

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.

Emily Grattidge, Lead Technical Director

Certified National Analytic Labs
CNA
DRINKING WATER · NON-POTABLE WATER · MILK · FOOD · AIR

27 Kent Street, Suite 102
Ballston Spa, NY 12020

Client:
NYSDOH Glens Falls District Office
77 Mohican Street
Glens Falls , NY 12801

Project:
Saratoga Springs City
PWS# NY4500168

CNA Environmental, LLC received the sample(s) associated with this batch in compliance with NYSDOH guidelines. The requested analysis methods and results are detailed in the following data summary reports. Any exceptions to method procedures are listed in the comments section below.

To meet the New York Sanitary Code for Public Drinking Water, Total Coliform must be absent or <1; all other analytes must be less than or equal to the MCL.

Wet Chemistry: (Nitrate, pH, etc.)
Sample(s) meet the NYSDOH MCL criteria for the parameters shown in the results section.
The optimum pH range is 6.5 to 8.5 SU.

Metals:
Sample(s) meet the NYSDOH MCL criteria for the parameters shown in the results section.

Conventional Chemistry, Biological and Metals Comments:
Water containing more than 20 mg/L of sodium should not be used by people on severely restricted sodium diets. Water containing more than 270 mg/L of sodium should not be used by people on moderately restricted sodium diets. (NY Part 5, Subpart 5.1)

Lab ID: C058855-01 **Date Collected:** 11/04/20 10:10 **Matrix:** Drinking Water

Sample ID: Hydrant Saddle Brook Dı **Date Received:** 11/04/20 10:33

Total Metals

Analyte	Results	Flag	Units	MDL	RL	Method	Analyzed	Prepared	MCL
Lead	ND	ET	mg/L		0.001	EPA 200.9	11/13/20 19:12	11/12/20	0.015
Sodium	68.6		mg/L	0.0822	0.200	EPA 200.7	11/24/20 15:12	11/24/20	

General Chemistry Parameters

Analyte	Results	Flag	Units	MDL	RL	Method	Analyzed	Prepared	MCL
pH	7.87	MD2	pH Units			SM 4500-H B-11	11/03/20 13:16	11/03/20	8.5
Orthophosphate	0.46	AE	mg/L		0.060	EPA 300.0	11/05/20 15:44	11/05/20	
Chloride	122		mg/L	14.2	50.0	EPA 300.0 Rev 2.1	11/05/20 13:15	11/05/20	250
Alkalinity, to pH 4.5 as mg/L CaCO3	140	ET	mg/L		5.00	SM 2320 B-11	11/16/20 11:38	11/16/20	

CNA Environmental, LLC

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.

Emily Grattidge, Lead Technical Director

27 Kent Street, Suite 102
Ballston Spa, NY 12020

Notes and Definitions

MD2	NYSDOH does not offer certification for this analyte.
ET	Analysis Performed by NYSDOH ELAP # 10142
AE	Analysis Performed by NYSDOH ELAP # 10709
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	Maxium Contaminant Level*/Action Level
mg/kg wet	Results reported as wet weight
TTLC	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

Emily Grattidge, Lead Technical Director

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Certified National Analytic Labs
CNA
DRINKING WATER • NON-POTABLE WATER • MILK • FOOD • AIR

CNA Environmental LLC.

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*

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

CO58855

Owner Name & Property Address of Site Sampled	Contact Phone	Person taking sample(s)
Saratoga Springs City	518-793-3893	MARIA O'CONNELL
	Public Water Supply#: NY4500168	Sample Source (public water, well, pond, etc): PW

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
	Hydrant Saddle Brook ~~Rd~~ Drive	11/4/20	1010	A/P	G	PW	6	lead, alkalinity, pH, orthophosphate, sodium, chloride
				A/P				
				A/P				
01A				A/P				Lead
01B				A/P				Alk.
01C				A/P				Na
01D				A/P				Cl
01E				A/P				Orthophosphate
01F				A/P				pH
				A/P				
				A/P				
				A/P				
				A/P				

Relinquished by:	Received by: Zendon O'Connell	Date/Time: 11/4/20 10:15 PM
Relinquished by: Zendon O'Connell	Received by:	Date/Time:
Relinquished by:	Received by Laboratory in Ballston Spa: J. Streit	Date/Time: 11-4-20 1033

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, calcium hardness, chloride, coliform, color, conductivity, copper, corrosivity, e. Coli, fluoride, iron, lead, manganese, nitrate, nitrite, odor, pH, silver, sodium, solids (total dissolved), standard plate count, sulfate, turbidity and zinc.

Non-Potable water: ammonia, BOD, CBOD, coliform (fecal and total), chromium, e. Coli, hardness (total), iron, lead, manganese, nickel, nitrate, nitrite, pH, phenols, silver, solids (dissolved, settleable and suspended), specific conductance, sulfate, sulfide, turbidity, and zinc.

CNA also conducts hardness (total) and sulfide on potable water and 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	COC Complete: (Y) N	Temp. Upon Receipt: 13.2c
Containers Intact: (Y) N	Properly Preserved: (Y) N	On Ice/Cooling: (Y) N
	Labels Match COC: (Y) N	Method of Payment: B/A

Mailing/Billing Address:
NYS Dept of Health, Glens Falls District Office
77 Mohican Street, Glens Falls NY 12801
Email:
gfdo@health.ny.gov

Comments:

Chlorine Residual (mg/l): 0.49

$Na_2S_2O_3$ Used: Y / N