

CERTIFICATE OF ANALYSIS

NY Lab ID 11534

Project Name:	<b>Salem Water Dept</b>	Workorder:	<b>C024397</b>
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Town of Salem  
Town of Salem  
PO Box 214  
Salem, NY 12865

Project Name and Number: **Salem Water Dept PWS NY5730106**

March 27, 2017


Dear Town of Salem,

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



*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.*

Dakota Snyder For Pam J. Higgins-Brown, Customer Service

**Client:**

Town of Salem  
 PO Box 214  
 Salem, NY 12865

**Project:**

Salem Water Dept  
 PWS NY5730106

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.

**Metals:**

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

**Total Metals EPA 200.7**

Date Received: 03/22/17 10:30

Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed	Notes
C024397-01	Iron	EPA 200.7	0.198	0.0100	mg/L	0.3	Well #1	3/21/17 08:35	3/24/17 17:36	PE
C024397-02	Iron	EPA 200.7	0.0460	0.0100	mg/L	0.3	Well #2	3/21/17 08:40	3/24/17 17:36	PE
C024397-03	Iron	EPA 200.7	ND	0.0100	mg/L	0.3	Well #3	3/21/17 08:45	3/24/17 17:36	PE

**Total Metals by EPA 200.8**

Date Received: 03/22/17 10:30

Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed	Notes
C024397-01	Manganese	EPA 200.8	0.1	0.001	mg/L	0.3	Well #1	3/21/17 08:35	3/24/17 17:36	PE
C024397-02	Manganese	EPA 200.8	0.29	0.001	mg/L	0.3	Well #2	3/21/17 08:40	3/24/17 17:36	PE
C024397-03	Manganese	EPA 200.8	0.2	0.001	mg/L	0.3	Well #3	3/21/17 08:45	3/24/17 17:36	PE

CNA Environmental, LLC



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Dakota Snyder For Pam J. Higgins-Brown, Customer Service

**Notes and Definitions**

PE	Analysis Performed by NYSDOH ELAP # 11301
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
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)

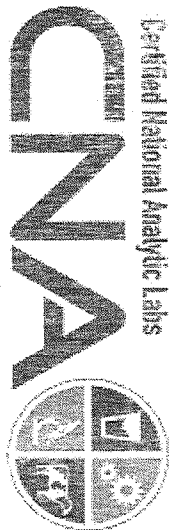
CNA Environmental, LLC



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Dakota Snyder For Pam J. Higgins-Brown, Customer Service

# CNA Environmental LLC.



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

27 Kent Street  
Ballston Spa, NY 12020  
(518) 884-0800  
Fax# (518) 884-0801

172 Ridge Street  
Glens Falls, NY 12801  
(518) 792-1170  
Fax# (518) 792-1261

Main Office and Lab

Satellite Office (Sample Receipt)

M-F 8:00 AM - 4:30 PM Sat 10:00 AM - Noon

M-F 8:00 AM - 3:30 PM

## Chain of Custody Form

C024397

Owner Name & Property Address of Site Sampled

Contact Phone

Person taking sample(s)

~~Salem~~ Salem Town Water Dept

(518) 854-9712

Eric Rogers

53 Stanton Hill Rd  
Salem NY 12865

Public Water Supply#  
5730106

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

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	Grab or Composite		Water Type	# of bottles	Analysis Required
				AM	PM			
O1	Well #1	3/21/17	8:35	GP	Grab	Raw	1	TR + MW
O2	Well #2	3/21/17	8:40	GP	Grab	Raw	1	TR + MW
O3	Well #3	3/21/17	8:45	GP	Grab	Raw	1	TR + MW

Relinquished by: [Signature]

Date/Time: 3/21/17 10:30

Relinquished by: [Signature]

Date/Time: 3/21/17 10:30

Relinquished by: Received by Laboratory in Ballston Spa:

[Signature] MD Date/Time: 3/22/17 10:30

CNA Environmental LLC's mission is to be certified by the New York State Dept. of Health to perform the following analyses:  
Potable water: chloride, coliform, color, conductivity, copper, e. Coli, fluoride/lead, nitrate, nitrite, odor, pH, solids (total dissolved), standard plate count, sulfate, turbidity  
Non-Potable water: BOD, CBOD, coliform (fecal and total), e. Coli, standard plate count, fluoride, nitrate, nitrite, sulfate, pH, solids(settleable and suspended), specific conductance, turbidity  
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.  
Customer acknowledges and agrees to allow any samples be sent to a sub lab for analysis at the discretion of CNA. Is this acceptable per the client? (Y/N)

**CNA USE ONLY**

COC Complete:  Y  N

Temp. Upon Receipt: 10.7°C

Samples were: Ship  Hand  Drop

Properly 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