

CERTIFICATE OF ANALYSIS

NY Lab ID 11534

Project Name:	Salem Water Dept	Workorder:	C026683
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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**

June 20, 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 by SM3111B

Date Received: 06/12/17 16:48

Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed	Notes
C026683-01	Iron	SM 3111 B	0.143	0.0100	mg/L	0.3	Well #1	6/12/17 07:40	6/14/17 17:10	PE
C026683-02	Iron	SM 3111 B	ND	0.0100	mg/L	0.3	Well #2	6/12/17 07:45	6/14/17 17:10	PE
C026683-03	Iron	SM 3111 B	0.0230	0.0100	mg/L	0.3	Well #3	6/12/17 07:50	6/14/17 17:10	PE

Total Metals

Date Received: 06/12/17 16:48

Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed	Notes
C026683-01	Manganese	SM21 3111B	0.119	0.001	mg/L	0.3	Well #1	6/12/17 07:40	6/14/17 17:10	PE
C026683-02	Manganese	SM21 3111B	0.230	0.001	mg/L	0.3	Well #2	6/12/17 07:45	6/14/17 17:10	PE
C026683-03	Manganese	SM21 3111B	0.159	0.001	mg/L	0.3	Well #3	6/12/17 07:50	6/14/17 17:10	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. 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



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



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

CNA Environmental LLC.
 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
 M-F 8:00 AM - 4:30 PM Sat 10:00 AM - Noon

Satellite Office (Sample Receipt)
 M-F 8:00 AM - 3:30 PM

Chain of Custody Form

CO26683

Owner Name & Property Address of Site Sampled
 Salem Water Dept
 53 Stanton Hill Rd Box 575
 Salem, NY 12865

Contact Phone (518) 854-9712
 Public Water Supply#: 5730106
 Person Taking Sample(s) Eric Rogers
 Sample Source (public water, well, pond, etc) Well's

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			
01	Well #1	6/12	7:40	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Raw	1	CELR + MW
02	Well #2	6/12	7:45	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Raw	1	CELR + MW
03	Well #3	6/12	7:50	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Raw	1	CELR + MW

Relinquished by: SRP Received by: ERP Date/Time: 6/12/17 10:40
 Relinquished by: _____ Received by: _____ Date/Time: _____
 Relinquished by: _____ Received by: _____ Date/Time: _____

Received by Laboratory in Ballston Spa: BT Date/Time: 6/12/17 16:48

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
 COC Complete: N
 Temp. Upon Receipt: 15.4°C
 Samples were: Ship / Hand / Drop Properly Preserved: N
 On Ice/Cooling: N
 Containers Intact: N
 Labels Match COD: N
 Method of Payment: Bill

Mailing/Billing Address: _____ Comments: _____

Email: _____

Chlorine Residual (mg/l): _____
 Na₂S₂O₃ Used: Y / N