

CERTIFICATE OF ANALYSIS

NY Lab ID 11534

Project Name:	<b>Salem Water Dept</b>	Workorder:	<b>C029881</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**

October 11, 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.

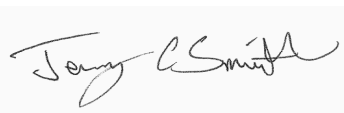
If you have any questions in reference to this laboratory report, please contact your CNA Environmental project coordinator or laboratory manager listed at the bottom of this report at (518) 884-0800.

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.*



Jeremy C. Smith 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.

Exceptions: Manganese (MCL = 0.3 mg/L)

**Total Metals by SM3111B**

Date Received: 09/20/17 12:50

Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed	Notes
C029881-01	Iron	SM 3111 B	0.113	0.0100	mg/L	0.3	Well #1	9/20/17 08:00	9/28/17 00:00	PE
C029881-02	Iron	SM 3111 B	0.0100	0.0100	mg/L	0.3	Well #2	9/20/17 08:15	9/28/17 00:00	PE
C029881-03	Iron	SM 3111 B	0.0560	0.0100	mg/L	0.3	Well #3	9/20/17 08:00	9/28/17 00:00	PE

**Total Metals**

Date Received: 09/20/17 12:50

Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed	Notes
C029881-01	Manganese	SM21 3111B	0.098	0.001	mg/L	0.3	Well #1	9/20/17 08:00	9/28/17 00:00	PE
C029881-02	Manganese	SM21 3111B	0.351	0.001	mg/L	0.3	Well #2	9/20/17 08:15	9/28/17 00:00	PE
C029881-03	Manganese	SM21 3111B	0.479	0.001	mg/L	0.3	Well #3	9/20/17 08:00	9/28/17 00:00	PE

CNA Environmental, LLC

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Jeremy C. Smith 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-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.

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