



**Certified
Environmental
Services, Inc.**

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Town Of Chenango
1529 NY Route 12
Binghamton, NY 13905-
Attn: Greg Burden

PROJECT NAME: Water Quality
DATE: 02/03/2024

SAMPLE NUMBER- 907769 SAMPLE ID- EP 110 Applewood SAMPLE MATRIX- WA
DATE SAMPLED- 01/17/24 TIME SAMPLED- 0900
DATE RECEIVED- 01/17/24 SAMPLER- Luke Mooney(T/OChenango) RECEIVED BY- RS
TIME RECEIVED- 1314 DELIVERED BY- Pat Davis(CES) TYPE SAMPLE- Grab

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ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		01/17/24		CES	5.2	Degrees C
Conductance @ 25degC (SM23)	2510B	01/17/24	1651	BLO	949	umhos/cm
#pH at 21 degrees C	SM224500HB	01/17/24	1547	RRB	H 7.45	std units
Orthophosphate as P (SM22)	4500-P-E	01/18/24	1355	MPB	0.051	mg/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager



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Town Of Chenango
1529 NY Route 12
Binghamton, NY 13905-
Attn: Greg Burden

PROJECT NAME: Water Quality
DATE: 02/03/2024

SAMPLE NUMBER- 907770 SAMPLE ID- EP 110 Applewood SAMPLE MATRIX- WA
DATE SAMPLED- 01/17/24 TIME SAMPLED- 0900
DATE RECEIVED- 01/17/24 SAMPLER- Luke Mooney(T/OChenango) RECEIVED BY- RS
TIME RECEIVED- 1314 DELIVERED BY- Pat Davis(CES) TYPE SAMPLE- Grab

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ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		01/17/24		CES	5.2 Degrees C
Alkalinity as CaCO3 -11	SM 2320B	01/22/24		RS	
Alkalinity	SM 2320B	01/22/24		RS	206 mg/L CaCO3
Alkalinity Final pH	SM 2320B	01/22/24		RS	4.6 std units

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Town Of Chenango
1529 NY Route 12
Binghamton, NY 13905-
Attn: Greg Burden

PROJECT NAME: Water Quality
DATE: 02/03/2024

SAMPLE NUMBER- 907771 SAMPLE ID- EP 110 Applewood SAMPLE MATRIX- WA
DATE SAMPLED- 01/17/24 TIME SAMPLED- 0900
DATE RECEIVED- 01/17/24 SAMPLER- Luke Mooney(T/OChenango) RECEIVED BY- RS
TIME RECEIVED- 1314 DELIVERED BY- Pat Davis(CES) TYPE SAMPLE- Grab

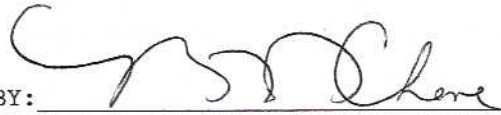
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ANALYSIS	METHOD	SAMPLE PREP		ANALYSIS		TIME	BY	RESULT	UNITS
		DATE	BY	DATE					
Calcium Hardness	EPA 200.7	01/31/24	PAC	01/31/24		PAC		221	mg/L
Calcium, Total	EPA 200.7	01/31/24	PAC	01/31/24		PAC		88.4	mg/L

Note: Analysis performed by ELAP #10478.

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Sample Receiving Checklist

Client Name: T/O Chicago

Batch Number: <u>28924</u>	Yes	No	If No Explain:
1. Proper Full and Complete Documentation:	☒	☐	
2. Appropriate Sample Containers:	☒	☐	
3. Adequate Sample Volume:	☒	☐	
4. Hold Time(OK):	☒	☐	
5. Proper Sample Labeling:	☒	☐	
6. Sample Temperature:	☒	☐	
7. Sample Received on Ice: (Not required for Bact)	☒	☐	
8. Preservation OK: (Microbiology See Below)	☒	☐	
9. Preservation Not Applicable:(ie: Solid/Sludge, Alk,BOD,TSS,TS,Cl,Fl,SO4,pH,Cond, etc):		☐	
10. CES Sample Container(s): If not sure ask client	☒	☐	

(If preservation required note Lot # associated with preservative if available.)

H₂SO₄ WC HNO₃ MT 236 NaOH WCSP Ascorbic Acid WC

HCl WCSP Na₂S₂O₃ WC Other _____ Not Available ☐

Microbiology: ☐ Chlorinated Source (Sodium Thiosulfate)
☐ Non-Chlorinated Source (No Sodium Thiosulfate)

Additional Comments/Client Correspondence _____

Sample(s) Received By: IS Sample(s) Logged In By: _____ Login Reviewed By: _____

DOCUMENT ID: SRCL072522

Approved by: RRB

Date Put In Place: 11/28/23

CERTIFIED ENVIRONMENTAL SERVICES, INC.

TERMS AND CONDITIONS

1. Services completed by Certified Environmental Services, Inc. are done so in general accordance with the environmental services and/or analytical industries recognized methods.
2. Certified Environmental Services, Inc. does not assume any other liabilities other than re-performance of the work if the completed services are determined to be deficient due to the negligence of Certified Environmental Services, Inc. Under no circumstances shall Certified Environmental Services, Inc., its employees, agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.
3. Any claim made must be done in writing within thirty (30) days of Certified Environmental Services, Inc.'s written report.
4. Certified Environmental Services, Inc. will not accept any liability in whole or in part as a result of data interpretation by the client.
5. All reports are submitted in writing to our customers only. Certified Environmental Services, Inc. will not be responsible for the accuracy of the contents of any report obtained by anyone other than our Client.
6. Invoices for services rendered are generated periodically as the work is completed. All invoices are due within thirty (30) days of the invoice date. Any discrepancy with an invoice must be reported to the accounts receivable department within fifteen (15) days of the invoice date. All balances over thirty (30) days will be subject to a 1-1/2% finance charge.
7. The terms and conditions set forth herein shall not be altered in any way unless done so in writing and signed by a Manager of Certified Environmental Services, Inc.

Qualifiers (Updated 09.12.2018):

ND-Not Detected at reporting limit	NR-Not Reported	NA-Not Available
H-Regulatory hold time exceeded	R-Duplication outside in-house acceptance limits	
B-Analyte detected in Method Blank	A-Preservation incomplete. Additional acid added to sample prior to analysis.	
DO-Spike Diluted Out	E-Estimate	MDL-Method Detection Limit
S-Spike recovery outside acceptance limits (+ is over – is under, results may be biased high or biased low)		
L-Laboratory Control Sample outside acceptance limits (+ is over – is under, results may be biased high or biased low)		

#- NYS ELAP does not offer accreditation for this parameter.

**For Solid Waste analysis where there is no approved method, this is a laboratory developed method.

F - Filtration not performed within 15 minutes of sample collection as required by cited method.

E - Total Suspended Solids, Estimate. Residue on filter below method requirement of 2.5 mg.

E - Biochemical Oxygen Demand, Estimate. Depletion less than 2.0 as required by cited method.

X- Exceeds maximum contamination limit.