



**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: 01/20/2026

SAMPLE NUMBER- 966355 SAMPLE ID- EP 110
DATE SAMPLED- 01/07/26
DATE RECEIVED- 01/07/26 SAMPLER- Client
TIME RECEIVED- 1326 DELIVERED BY- Jack Plewak

SAMPLE MATRIX- WA
TIME SAMPLED- 0920
RECEIVED BY- EM
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		01/07/26		CES	1.4	Degrees C
Conductance @ 25degC (SM23)	2510B	01/16/26		BLO	962	umhos/cm
#pH at 21 degrees C	SM224500HB	01/07/26	1533	CD	H 7.37	std units
Orthophosphate as P (SM22)	4500-P-E	01/07/26	1625	MG	< 0.02	mg/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 
(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager



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

PROJECT NAME: Water Quality
DATE: 01/20/2026

SAMPLE NUMBER- 966356 SAMPLE ID- EP 104
DATE SAMPLED- 01/07/26
DATE RECEIVED- 01/07/26 SAMPLER- Client
TIME RECEIVED- 1326 DELIVERED BY- Jack Plewak

SAMPLE MATRIX- WA
TIME SAMPLED- 0825
RECEIVED BY- EM
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		01/07/26		CES	1.4	Degrees C
Conductance @ 25degC (SM23)	2510B	01/16/26		BLO	774	umhos/cm
#pH at 21 degrees C	SM224500HB	01/07/26	1533	CD	H 7.45	std units
Orthophosphate as P (SM22)	4500-P-E	01/07/26	1625	MG	< 0.02	mg/L

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1529 NY Route 12
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Attn: Greg Burden

PROJECT NAME: Water Quality
DATE: 01/20/2026

SAMPLE NUMBER- 966357 SAMPLE ID- 85 Poplar
DATE SAMPLED- 01/07/26
DATE RECEIVED- 01/07/26 SAMPLER- Client
TIME RECEIVED- 1326 DELIVERED BY- Jack Plewak

SAMPLE MATRIX- WA
TIME SAMPLED- 0848
RECEIVED BY- EM
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		01/07/26		CES	1.4	Degrees C
Conductance @ 25degC (SM23)	2510B	01/16/26		BLO	773	umhos/cm
#pH at 21 degrees C	SM224500HB	01/07/26	1533	CD	H 7.36	std units
Orthophosphate as P (SM22)	4500-P-E	01/07/26	1625	MG	< 0.02	mg/L

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

PROJECT NAME: Water Quality
DATE: 01/20/2026

SAMPLE NUMBER- 966358 SAMPLE ID- 5 Katteville
DATE SAMPLED- 01/07/26
DATE RECEIVED- 01/07/26 SAMPLER- Client
TIME RECEIVED- 1326 DELIVERED BY- Jack Plewak

SAMPLE MATRIX- WA
TIME SAMPLED- 0935
RECEIVED BY- EM
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		01/07/26		CES	1.4	Degrees C
Conductance @ 25degC (SM23)	2510B	01/16/26		BLO	770	umhos/cm
#pH at 21 degrees C	SM224500HB	01/07/26	1533	CD	H 7.38	std units
Orthophosphate as P (SM22)	4500-P-E	01/07/26	1625	MG	< 0.02	mg/L

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

PROJECT NAME: Water Quality
DATE: 01/20/2026

SAMPLE NUMBER- 966359 SAMPLE ID- EP 110
DATE SAMPLED- 01/07/26
DATE RECEIVED- 01/07/26 SAMPLER- Client
TIME RECEIVED- 1326 DELIVERED BY- Jack Plewak

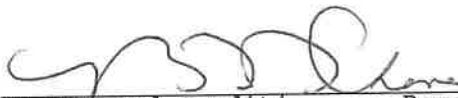
SAMPLE MATRIX- WA
TIME SAMPLED- 0920
RECEIVED BY- EM
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		01/07/26		CES	1.4 Degrees C
Alkalinity as CaCO ₃ -11	SM 2320B	01/12/26		CD	
Alkalinity	SM 2320B	01/12/26		CD	225 mg/L CaCO ₃
Alkalinity Final pH	SM 2320B	01/12/26		CD	4.4 std units

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Binghamton, NY 13905-
Attn: Greg Burden

PROJECT NAME: Water Quality
DATE: 01/20/2026

SAMPLE NUMBER- 966360 SAMPLE ID- EP 104
DATE SAMPLED- 01/07/26
DATE RECEIVED- 01/07/26 SAMPLER- Client
TIME RECEIVED- 1326 DELIVERED BY- Jack Plewak

SAMPLE MATRIX- WA
TIME SAMPLED- 0825
RECEIVED BY- EM
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		01/07/26		CES	1.4 Degrees C
Alkalinity as CaCO ₃ -11	SM 2320B	01/12/26		CD	
Alkalinity	SM 2320B	01/12/26		CD	195 mg/L CaCO ₃
Alkalinity Final pH	SM 2320B	01/12/26		CD	4.5 std units

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

PROJECT NAME: Water Quality
DATE: 01/20/2026

SAMPLE NUMBER- 966361 SAMPLE ID- 85 Poplar
DATE SAMPLED- 01/07/26
DATE RECEIVED- 01/07/26 SAMPLER- Client
TIME RECEIVED- 1326 DELIVERED BY- Jack Plewak

SAMPLE MATRIX- WA
TIME SAMPLED- 0848
RECEIVED BY- EM
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		01/07/26		CES	1.4 Degrees C
Alkalinity as CaCO ₃ -11	SM 2320B	01/12/26		CD	
Alkalinity	SM 2320B	01/12/26		CD	195 mg/L CaCO ₃
Alkalinity Final pH	SM 2320B	01/12/26		CD	4.4 std units

NYSDOH LAB ID NO. 11246

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

PROJECT NAME: Water Quality
DATE: 01/20/2026

SAMPLE NUMBER- 966362 SAMPLE ID- 5 Katteville
DATE SAMPLED- 01/07/26
DATE RECEIVED- 01/07/26 SAMPLER- Client
TIME RECEIVED- 1326 DELIVERED BY- Jack Plewak

SAMPLE MATRIX- WA
TIME SAMPLED- 0935
RECEIVED BY- EM
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		01/07/26		CES	1.4 Degrees C
Alkalinity as CaCO ₃ -11	SM 2320B	01/12/26		CD	
Alkalinity	SM 2320B	01/12/26		CD	195 mg/L CaCO ₃
Alkalinity Final pH	SM 2320B	01/12/26		CD	4.4 std units

NYSDOH LAB ID NO. 11246

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Attn: Greg Burden

PROJECT NAME: Water Quality
DATE: 01/20/2026

SAMPLE NUMBER- 966363 SAMPLE ID- EP 110
DATE SAMPLED- 01/07/26
DATE RECEIVED- 01/07/26 SAMPLER- Client
TIME RECEIVED- 1326 DELIVERED BY- Jack Plewak

SAMPLE MATRIX- WA
TIME SAMPLED- 0920
RECEIVED BY- EM
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Calcium Hardness	EPA 200.7	01/09/26	MG 01/19/26		MG	232	mg/L
Calcium, Total	EPA 200.7	01/09/26	MG 01/19/26		MG	93.0	mg/L

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Binghamton, NY 13905-
Attn: Greg Burden

PROJECT NAME: Water Quality
DATE: 01/20/2026

SAMPLE NUMBER- 966364 SAMPLE ID- EP 104
DATE SAMPLED- 01/07/26
DATE RECEIVED- 01/07/26 SAMPLER- Client
TIME RECEIVED- 1326 DELIVERED BY- Jack Plewak

SAMPLE MATRIX- WA
TIME SAMPLED- 0825
RECEIVED BY- EM
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Calcium Hardness	EPA 200.7	01/09/26	MG 01/19/26		MG	173	mg/L
Calcium, Total	EPA 200.7	01/09/26	MG 01/19/26		MG	69.2	mg/L

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Attn: Greg Burden

PROJECT NAME: Water Quality
DATE: 01/20/2026

SAMPLE NUMBER- 966365 SAMPLE ID- 85 Poplar
DATE SAMPLED- 01/07/26
DATE RECEIVED- 01/07/26 SAMPLER- Client
TIME RECEIVED- 1326 DELIVERED BY- Jack Plewak

SAMPLE MATRIX- WA
TIME SAMPLED- 0848
RECEIVED BY- EM
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Calcium Hardness	EPA 200.7	01/09/26	MG 01/19/26		MG	173	mg/L
Calcium, Total	EPA 200.7	01/09/26	MG 01/19/26		MG	69.2	mg/L

NYSDOH LAB ID NO. 11246

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

PROJECT NAME: Water Quality
DATE: 01/20/2026

SAMPLE NUMBER- 966366 SAMPLE ID- 5 Katteville
DATE SAMPLED- 01/07/26
DATE RECEIVED- 01/07/26 SAMPLER- Client
TIME RECEIVED- 1326 DELIVERED BY- Jack Plewak

SAMPLE MATRIX- WA
TIME SAMPLED- 0935
RECEIVED BY- EM
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
Calcium Hardness	EPA 200.7	01/09/26	MG 01/19/26		MG	175	mg/L
Calcium, Total	EPA 200.7	01/09/26	MG 01/19/26		MG	69.9	mg/L

NYSDOH LAB ID NO. 11246

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Laboratory Manager

CHAIN OF CUSTODY RECORD (SEE BACK FOR TERMS & CONDITIONS)



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7280 Caswell St. (Hancock Air Park)
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CES BATCH NO: W050 PAGE OF

Standard TAT is end of day, 10 working days after lab receipt. Samples received after 2 pm are considered next day business. Rush TAT subject to laboratory approval and surcharges.
Turn-Around Time
☐ Standard ☐ 5 Working Days ☐ 3 Working Days
☐ 2 Working Days ☐ 1 Working Days

CLIENT NAME: Town of Chenango	CLIENT PHONE:	FAX:
ADDRESS: 1529 NY Rt. 12	PROJECT #/NAME/PO #: Water Quality	
CONTACT NAME: Attn: Mr. Gregory Burden		

CES LOG NUMBERS (INTERNAL USE/DO NOT WRITE)			Collected		Matrix	Grab or Comp.	CLIENT ID/SAMPLE LOCATION
	Date	Time					
966355	359	363	1/1/16	9:20 am	PW	Grab	EP 110
356	360	364	1/1/16	8:25 am			EP 104
357	361	365	1/1/16	8:48 am			85 Poplar
358	362	366	1/1/16	9:35 am			S KATHLEEN



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Sample Receiving Checklist

Client Name: TIO Chenango

Batch Number: <u>M7050</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 412 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: EM Sample(s) Logged In By: RD Login Reviewed By: RD

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.