



Laboratory Report

Plattsburgh, City WPCP 201111
53 Green Street
Plattsburgh, NY 12901
Atten: William Ellsworth

PROJECT: 7 RW TCECMP,FCMP,ENT & 9 DNAFL
WORK ORDER: **1708-20360**
DATE RECEIVED: August 30, 2017
DATE REPORTED: August 31, 2017
SAMPLER: Ryan Rice / Eric Rock

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody located at the end of this report.

The column labeled Lab/Tech in the accompanying report denotes the laboratory facility where the testing was performed and the technician who conducted the assay. A "W" designates the Williston, VT lab under NELAC certification ELAP 11263; "R" designates the Lebanon, NH facility under certification NH 2037 and "N" the Plattsburgh, NY lab under certification ELAP 11892. "Sub" indicates the testing was performed by a subcontracted laboratory. The accreditation status of the subcontracted lab is referenced in the corresponding NELAC and Qual fields.

This NELAC column also denotes the accreditation status of each laboratory for each reported parameter. "A" indicates the referenced laboratory is NELAC accredited for the parameter reported. "N" indicates the laboratory is not accredited. "U" indicates that NELAC does not offer accreditation for that parameter in that specific matrix. Test results denoted with an "A" meet all National Environmental Laboratory Accreditation Program requirements except where denoted by pertinent data qualifiers. Test results are representative of the samples as they were received at the laboratory.

Endyne, Inc. warrants, to the best of its knowledge and belief, the accuracy of the analytical test results contained in this report, but makes no other warranty, expressed or implied, especially no warranties of merchantability or fitness for a particular purpose.

Reviewed by:

Christina A Lafountain
Laboratory Director Plattsburgh, NY

Laboratory Report

CLIENT: Plattsburgh, City WPCP
 PROJECT: 7 RW TCECMP,FCMP,ENT & 9 DNAFL

WORK ORDER: 1708-20360
 DATE RECEIVED: 8/30/17

001 Site: RW0 Date Sampled: 8/30/17 Time: 8:24

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	7270	MPN/100mL	1	10	SM 9223 Quantitray	8/30/17 13:01	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/30/17 16:30	N AAS	U	
Fecal Coliform	54.6	MPN/100mL	1	1	SM 9223 Quantitray	8/30/17 13:20	N MD	A	
E. coli	75	MPN/100mL	1	10	SM 9223B Colilert	8/30/17 13:01	N MD	A	
Enterococcus	16.5	MPN/100mL	1	1	Enterolert	8/30/17 13:10	N MD	A	

002 Site: RW1 Date Sampled: 8/30/17 Time: 8:38

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	2380	MPN/100mL	1	10	SM 9223 Quantitray	8/30/17 13:01	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/30/17 16:30	N AAS	U	
Fecal Coliform	58.3	MPN/100mL	1	1	SM 9223 Quantitray	8/30/17 13:20	N MD	A	
E. coli	62	MPN/100mL	1	10	SM 9223B Colilert	8/30/17 13:01	N MD	A	
Enterococcus	22.3	MPN/100mL	1	1	Enterolert	8/30/17 13:10	N MD	A	

003 Site: RW2 Date Sampled: 8/30/17 Time: 8:42

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	1660	MPN/100mL	1	10	SM 9223 Quantitray	8/30/17 13:01	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/30/17 16:30	N AAS	U	
Fecal Coliform	47.3	MPN/100mL	1	1	SM 9223 Quantitray	8/30/17 13:20	N MD	A	
E. coli	31	MPN/100mL	1	10	SM 9223B Colilert	8/30/17 13:01	N MD	A	
Enterococcus	8.5	MPN/100mL	1	1	Enterolert	8/30/17 13:10	N MD	A	

004 Site: RW3 Date Sampled: 8/30/17 Time: 9:00

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	1220	MPN/100mL	1	10	SM 9223 Quantitray	8/30/17 13:01	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/30/17 16:30	N AAS	U	
Fecal Coliform	52.9	MPN/100mL	1	1	SM 9223 Quantitray	8/30/17 13:20	N MD	A	
E. coli	10	MPN/100mL	1	10	SM 9223B Colilert	8/30/17 13:01	N MD	A	
Enterococcus	4.1	MPN/100mL	1	1	Enterolert	8/30/17 13:10	N MD	A	

005 Site: RW4 Date Sampled: 8/30/17 Time: 9:30

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	2760	MPN/100mL	1	10	SM 9223 Quantitray	8/30/17 13:01	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/30/17 16:30	N AAS	U	
Fecal Coliform	31	MPN/100mL	1	10	SM 9223 Quantitray	8/30/17 13:20	N MD	A	
E. coli	20	MPN/100mL	1	10	SM 9223B Colilert	8/30/17 13:01	N MD	A	
Enterococcus	<10	MPN/100mL	1	10	Enterolert	8/30/17 13:10	N MD	A	

006 Site: RW5 Date Sampled: 8/30/17 Time: 9:43

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 PROJECT: 7 RW TCECMP,FCMP,ENT & 9 DNAFL

WORK ORDER: **1708-20360**
 DATE RECEIVED: 8/30/17

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>PQL</u>	<u>Method</u>	<u>Analysis Date/Time</u>	<u>Lab/Tech</u>	<u>NELAC</u>	<u>Qual.</u>
Total Coliform	121	MPN/100mL	1	10	SM 9223 Quantitray	8/30/17 13:01	N MD	A	
Filtration for DNA Testing	COMPLETE				Source Molecular Lab	8/30/17 16:30	N AAS	U	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/30/17 16:30	N AAS	U	
Fecal Coliform	10	MPN/100mL	1	10	SM 9223 Quantitray	8/30/17 13:20	N MD	A	
E. coli	<10	MPN/100mL	1	10	SM 9223B Colilert	8/30/17 13:01	N MD	A	
Enterococcus	<10	MPN/100mL	1	10	Enterolert	8/30/17 13:10	N MD	A	

007 Site: RW17 Date Sampled: 8/30/17 Time: 9:15

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>PQL</u>	<u>Method</u>	<u>Analysis Date/Time</u>	<u>Lab/Tech</u>	<u>NELAC</u>	<u>Qual.</u>
Total Coliform	2010	MPN/100mL	1	10	SM 9223 Quantitray	8/30/17 13:01	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/30/17 16:30	N AAS	U	
Fecal Coliform	31	MPN/100mL	1	10	SM 9223 Quantitray	8/30/17 13:20	N MD	A	
E. coli	10	MPN/100mL	1	10	SM 9223B Colilert	8/30/17 13:01	N MD	A	
Enterococcus	<10	MPN/100mL	1	10	Enterolert	8/30/17 13:10	N MD	A	

008 Site: WPCP Effluent Date Sampled: 8/30/17 Time: 10:22

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>PQL</u>	<u>Method</u>	<u>Analysis Date/Time</u>	<u>Lab/Tech</u>	<u>NELAC</u>	<u>Qual.</u>
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/30/17 16:30	N AAS	U	

E

Du: 31 Aug 17

To: Endyne, Inc.
315 New York Road
Plattsburgh, NY 12903
Phone 518-563-1720, FAX 518-563-0052
Account number 201111

CHAIN OF CUSTODY RECORD

SAMPLER'S NAME >> Ryan Rice / Eric Rick
CLIENT: CITY OF PLATTSBURGH-WPCP
CLIENT CONTACT: BILL ELLSWORTH (PLEASE PRINT)
CLIENT PHONE 518-536-7476

PROJECT LOCATION >> CITY OF PLATTSBURGH

Lab. Services Contact: Chris LaFountain

PURCHASE ORDER # 81305610-00

TURNAROUND TIME REQUESTED: NORMAL

SMPL #	SAMPLEID	Sample Date	Time	Matrix	Type	#	Pres.	Detection Limit PPB	ANALYSES
001	RW0	8/30/17	824	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
002	RW1		938	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
003	RW2		842	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
004	RW3		900	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
005	RW4		930	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
006	RW5		943	WATER	Grab	5	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive-Source Molecular, DNA Filter/Archive-Helix
007	RW17		915	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
008	WPCP Effluent		1022	WATER	Grab	1	ICED	SeeBelow	DNA Filter/Archive

SAMPLED BY: (SIGNATURE) Date Time RECEIVED BY: (SIGNATURE) DATE/TIME
>> Ryan Rice / Eric Rick 8/30/17 1022

RELINQUISHED BY: (SIGNATURE) RECEIVED BY: (SIGNATURE)
>> Ryan Rice / Eric Rick 8/30/17 1022

DISPATCHED BY: (SIGNATURE) 8-30-17 1045

RECEIVED FOR LABORATORY BY: Date Time
>> 30 Aug 17 1045

PRESERVATIVES

1. HCL
2. HNO3
3. NAOH
4. NAS203
5. ZN ACET
6. ASCORBIC
7. H2SO4
8. FILTERED
9. N (NOT PRESERVED)
10. OTHER_Iced

SAMPLE CONDITION:

1. SAMPLES INTACT? Yes/No
2. CUSTODY SEALS INTACT? Yes/No
3. PRESERVED PROPERLY? Yes/No
4. COC Received with Samples Yes/No
5. Samples were properly iced? Yes/No
6. Temperature received: 18.2°C

For the above Analyses listing these are the
DETECTION LIMIT REQUIREMENTS:

Setup sufficient Sample Volumes such that a > is never reported

METHOD OF SHIPMENT:

Hand Delivered DATE >>

NOTES/COMMENTS:

PP may be used as an abbreviation for Priority Pollutants

SEND A COPY OF THIS COC, COMPLETED, BACK TO OUR LAB



Ⓢ RW5- DNA Filter/Archive by
two methods (Helix Lab +
Source Molecular Lab).

All other samples DNA Filter
using Helix Lab Protocol.

COCENDYNE.XLS

Revised

6/27/2017

Location: Beach 2017

Revised
6/27/2017

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