



Laboratory Report

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

PROJECT: RAW-TMPN,FCMP,ENT,DNA
WORK ORDER: **1709-20924**
DATE RECEIVED: September 06, 2017
DATE REPORTED: September 08, 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: RAW-TMPN,FCMP,ENT,DNA

WORK ORDER: 1709-20924
DATE RECEIVED: 9/6/17

001 Site: RW0 Date Sampled: 9/6/17 Time: 9:21

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	2600	MPN/100mL	1	10	SM 9223 Quantitray	9/6/17 13:36	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	9/6/17 13:00	N MD	U	
Fecal Coliform	59.1	MPN/100mL	1	1	SM 9223 Quantitray	9/6/17 13:53	N MD	A	
E. coli	63	MPN/100mL	1	10	SM 9223B Colilert	9/6/17 13:36	N MD	A	
Enterococcus	235	MPN/100mL	1	1	Enterolert	9/6/17 13:44	N MD	A	

002 Site: RW1 Date Sampled: 9/6/17 Time: 9:33

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	1920	MPN/100mL	1	10	SM 9223 Quantitray	9/6/17 13:36	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	9/6/17 13:00	N MD	U	
Fecal Coliform	74.9	MPN/100mL	1	1	SM 9223 Quantitray	9/6/17 13:53	N MD	A	
E. coli	73	MPN/100mL	1	10	SM 9223B Colilert	9/6/17 13:36	N MD	A	
Enterococcus	240	MPN/100mL	1	1	Enterolert	9/6/17 13:44	N MD	A	

003 Site: RW2 Date Sampled: 9/6/17 Time: 9:41

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	1720	MPN/100mL	1	10	SM 9223 Quantitray	9/6/17 13:36	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	9/6/17 13:00	N MD	U	
Fecal Coliform	45.0	MPN/100mL	1	1	SM 9223 Quantitray	9/6/17 13:53	N MD	A	
E. coli	52	MPN/100mL	1	10	SM 9223B Colilert	9/6/17 13:36	N MD	A	
Enterococcus	222	MPN/100mL	1	1	Enterolert	9/6/17 13:44	N MD	A	

004 Site: RW3 Date Sampled: 9/6/17 Time: 9:58

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	1150	MPN/100mL	1	10	SM 9223 Quantitray	9/6/17 13:36	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	9/6/17 13:00	N MD	U	
Fecal Coliform	49.6	MPN/100mL	1	1	SM 9223 Quantitray	9/6/17 13:53	N MD	A	
E. coli	31	MPN/100mL	1	10	SM 9223B Colilert	9/6/17 13:36	N MD	A	
Enterococcus	225	MPN/100mL	1	1	Enterolert	9/6/17 13:44	N MD	A	

005 Site: RW4 Date Sampled: 9/6/17 Time: 10:19

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	2910	MPN/100mL	1	10	SM 9223 Quantitray	9/6/17 13:36	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	9/6/17 13:00	N MD	U	
Fecal Coliform	31	MPN/100mL	1	10	SM 9223 Quantitray	9/6/17 13:53	N MD	A	
E. coli	<10	MPN/100mL	1	10	SM 9223B Colilert	9/6/17 13:36	N MD	A	
Enterococcus	20	MPN/100mL	1	10	Enterolert	9/6/17 13:44	N MD	A	

006 Site: RW5 Date Sampled: 9/6/17 Time: 10:28

Laboratory Report

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 PROJECT: RAW-TMPN,FCMP,ENT,DNA

WORK ORDER: **1709-20924**

DATE RECEIVED: 9/6/17

<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	565	MPN/100mL	1	10	SM 9223 Quantitray	9/6/17 13:36	N MD	A	
Filtration for DNA Testing	COMPLETE				Source Molecular Lab	9/6/17 13:00	N MD	U	
Filtration for DNA Testing	COMPLETE				Helix Biolab	9/6/17 13:00	N MD	U	
Fecal Coliform	<10	MPN/100mL	1	10	SM 9223 Quantitray	9/6/17 13:53	N MD	A	
E. coli	20	MPN/100mL	1	10	SM 9223B Colilert	9/6/17 13:36	N MD	A	
Enterococcus	<10	MPN/100mL	1	10	Enterolert	9/6/17 13:44	N MD	A	

007 Site: RW17 Date Sampled: 9/6/17 Time: 10:08

<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	1010	MPN/100mL	1	10	SM 9223 Quantitray	9/6/17 13:36	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	9/6/17 13:00	N MD	U	
Fecal Coliform	86	MPN/100mL	1	10	SM 9223 Quantitray	9/6/17 13:53	N MD	A	
E. coli	108	MPN/100mL	1	10	SM 9223B Colilert	9/6/17 13:36	N MD	A	
Enterococcus	41	MPN/100mL	1	10	Enterolert	9/6/17 13:44	N MD	A	

008 Site: WPCP Effluent Date Sampled: 9/6/17 Time: 11:34

<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	9/6/17 13:00	N MD	U	

DOE: 07 Sep 17

E

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 Rak
CLIENT: CITY OF PLATTSBURGH-WPCP
CLIENT CONTACT: BILL ELLSWORTH
CLIENT PHONE 518-536-7476

(PLEASE PRINT)

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	9/6/17	0921	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
002	RW1		0933	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
003	RW2		0941	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
004	RW3		0958	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
005	RW4		1019	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
006	RW5		1028	WATER	Grab	5	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive-Source Molecular, DNA Filter/Archive-Helix
007	RW17		1008	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
008	WPCP Effluent		1134	WATER	Grab	1	ICED	SeeBelow	DNA Filter/Archive

SAMPLED BY: (SIGNATURE)

>> Ryan Rice / Eric Rak

Date

9/6/17

Time

1134

RECEIVED BY: (SIGNATURE)

DATE/TIME

RELINQUISHED BY: (SIGNATURE)

>> Ryan Rice / Eric Rak

9/6/17

1134

RECEIVED BY: (SIGNATURE)

ERK

9-6-17

1134

DISPATCHED BY: (SIGNATURE)

>> ERK

9/6/17

1150

RECEIVED FOR LABORATORY BY:

>> Melissa Dineen

Date

06 Sep 17

Time

1150



PRESERVATIVES

1. HCL
2. HNO3
3. NAOH
4. NAS2O3
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: 8.5°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: >> 9/6/17

NOTES/COMMENTS:

PP may be used as an abbreviation for Priority Pollutants

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

④ 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

1709-20924



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Plattsburgh, City WPCP
RAW-TMPN, FCMP, ENT, DNA