



Laboratory Report

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

PROJECT: 7 Set RW TC/FC/ENT/DNA, Eff DNA
WORK ORDER: 1708-17510
DATE RECEIVED: August 02, 2017
DATE REPORTED: August 03, 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 Set RW TC/FC/ENT/DNA, Eff DNA

WORK ORDER: 1708-17510
 DATE RECEIVED: 8/2/17

001 Site: RW0 Date Sampled: 8/2/17 Time: 9:17

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	2142	MPN/100mL	1	10	SM 9223 Quantitray	8/2/17 13:56	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/2/17 12:30	N MD	U	
Fecal Coliform	51.2	MPN/100mL	1	1	SM 9223 Quantitray	8/2/17 14:26	N MD	A	
E. coli	85	MPN/100mL	1	10	SM 9223B Colilert	8/2/17 13:56	N MD	A	
Enterococcus	10.5	MPN/100mL	1	1	Enterolert	8/2/17 14:53	N MD	A	

002 Site: RW1 Date Sampled: 8/2/17 Time: 9:28

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	2400	MPN/100mL	1	10	SM 9223 Quantitray	8/2/17 13:56	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/2/17 12:30	N MD	U	
Fecal Coliform	51.2	MPN/100mL	1	1	SM 9223 Quantitray	8/2/17 14:26	N MD	A	
E. coli	10	MPN/100mL	1	10	SM 9223B Colilert	8/2/17 13:56	N MD	A	
Enterococcus	34.2	MPN/100mL	1	1	Enterolert	8/2/17 14:53	N MD	A	

003 Site: RW2 Date Sampled: 8/2/17 Time: 9:35

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	2481	MPN/100mL	1	10	SM 9223 Quantitray	8/2/17 13:56	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/2/17 12:30	N MD	U	
Fecal Coliform	37.3	MPN/100mL	1	1	SM 9223 Quantitray	8/2/17 14:26	N MD	A	
E. coli	41	MPN/100mL	1	10	SM 9223B Colilert	8/2/17 13:56	N MD	A	
Enterococcus	31.7	MPN/100mL	1	1	Enterolert	8/2/17 14:53	N MD	A	

004 Site: RW3 Date Sampled: 8/2/17 Time: 9:46

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	1450	MPN/100mL	1	10	SM 9223 Quantitray	8/2/17 13:56	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/2/17 12:30	N MD	U	
Fecal Coliform	24.3	MPN/100mL	1	1	SM 9223 Quantitray	8/2/17 14:26	N MD	A	
E. coli	30	MPN/100mL	1	1	SM 9223B Colilert	8/2/17 13:56	N MD	A	
Enterococcus	28.0	MPN/100mL	1	1	Enterolert	8/2/17 14:53	N MD	A	

005 Site: RW4 Date Sampled: 8/2/17 Time: 9:55

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	1935	MPN/100mL	1	10	SM 9223 Quantitray	8/2/17 13:56	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/2/17 12:30	N MD	U	
Fecal Coliform	<10	MPN/100mL	1	10	SM 9223 Quantitray	8/2/17 14:26	N MD	A	
E. coli	10	MPN/100mL	1	10	SM 9223B Colilert	8/2/17 13:56	N MD	A	
Enterococcus	<10	MPN/100mL	1	10	Enterolert	8/2/17 14:53	N MD	A	

006 Site: RW5 Date Sampled: 8/2/17 Time: 10:14

Laboratory Report

CLIENT: Plattsburgh, City WPCP
 PROJECT: 7 Set RW TC/FC/ENT/DNA, Eff DNA

WORK ORDER: **1708-17510**
 DATE RECEIVED: 8/2/17

<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	3169	MPN/100mL	1	10	SM 9223 Quantitray	8/2/17 13:56	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/2/17 12:30	N MD	U	
Fecal Coliform	496	MPN/100mL	1	10	SM 9223 Quantitray	8/2/17 14:26	N MD	A	
E. coli	226	MPN/100mL	1	10	SM 9223B Colilert	8/2/17 13:56	N MD	A	
Enterococcus	52	MPN/100mL	1	10	Enterolert	8/2/17 14:53	N MD	A	

007

Site: RW17

Date Sampled: 8/2/17 Time: 10:21

<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	4360	MPN/100mL	1	10	SM 9223 Quantitray	8/2/17 13:56	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/2/17 12:30	N MD	U	
Fecal Coliform	86	MPN/100mL	1	10	SM 9223 Quantitray	8/2/17 14:26	N MD	A	
E. coli	52	MPN/100mL	1	10	SM 9223B Colilert	8/2/17 13:56	N MD	A	
Enterococcus	<10	MPN/100mL	1	10	Enterolert	8/2/17 14:53	N MD	A	

008

Site: WPCP Effluent

Date Sampled: 8/2/17 Time: 10:40

<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	8/2/17 12:30	N MD	U	

E

New: 03 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 Rock
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	8/2/17	917	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
002	RW1		928	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
003	RW2		935	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
004	RW3		946	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
005	RW4		955	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
006	RW5		1014	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
007	RW17		1021	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
008	WPCP Effluent		1040	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
				WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
				WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
				WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
				WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive

SAMPLED BY: (SIGNATURE)

>> SPR Ryan Rice

Date

8/2/17, 1040

Time

RECEIVED BY: (SIGNATURE)

DATE/TIME

RELINQUISHED BY: (SIGNATURE)

>> SPR Ryan Rice

8-2-17, 1040

RECEIVED BY: (SIGNATURE)

SPR 8-2-17 1040

DISPATCHED BY: (SIGNATURE)

>> SPR

8-2-17, 1058

RECEIVED FOR LABORATORY BY:

>> Amber Bala

Date

02 Aug 17, 1100

Time

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:

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: >> 8/2/17

NOTES/COMMENTS:

PP may be used as an abbreviation for Priority Pollutants

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



COCENDYNE.XLS

Revised

5/22/2017

Location: Beach 2017

Revised

2017

1708-17510



1708-17510

Plattsburgh, City WPCP
7 Set RW TC/FC/ENT/DNA, Eff DNA