



Laboratory Report

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

PROJECT: 7 Sets RW TC/FC/ENT MPN, 8 DNA
WORK ORDER: **1708-19020**
DATE RECEIVED: August 16, 2017
DATE REPORTED: August 18, 2017
SAMPLER: 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 Sets RW TC/FC/ENT MPN, 8 DNA

WORK ORDER: 1708-19020
 DATE RECEIVED: 8/16/17

001 Site: RW0 Date Sampled: 8/16/17 Time: 9:30

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	2140	MPN/100mL	1	10	SM 9223 Quantitray	8/16/17 12:43	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/16/17 16:30	N AAS	U	
Fecal Coliform	62.4	MPN/100mL	1	1	SM 9223 Quantitray	8/16/17 13:26	N MD	A	
E. coli	41	MPN/100mL	1	10	SM 9223B Colilert	8/16/17 12:43	N MD	A	
Enterococcus	71.8	MPN/100mL	1	1	Enterolert	8/16/17 13:00	N MD	A	

002 Site: RW1 Date Sampled: 8/16/17 Time: 9:41

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	2280	MPN/100mL	1	10	SM 9223 Quantitray	8/16/17 12:43	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/16/17 16:30	N AAS	U	
Fecal Coliform	52.0	MPN/100mL	1	1	SM 9223 Quantitray	8/16/17 13:26	N MD	A	
E. coli	30	MPN/100mL	1	10	SM 9223B Colilert	8/16/17 12:43	N MD	A	
Enterococcus	101.2	MPN/100mL	1	1	Enterolert	8/16/17 13:00	N MD	A	

003 Site: RW2 Date Sampled: 8/16/17 Time: 9:53

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	2190	MPN/100mL	1	10	SM 9223 Quantitray	8/16/17 12:43	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/16/17 16:30	N AAS	U	
Fecal Coliform	30.1	MPN/100mL	1	1	SM 9223 Quantitray	8/16/17 13:26	N MD	A	
E. coli	10	MPN/100mL	1	10	SM 9223B Colilert	8/16/17 12:43	N MD	A	
Enterococcus	74.5	MPN/100mL	1	1	Enterolert	8/16/17 13:00	N MD	A	

004 Site: RW3 Date Sampled: 8/16/17 Time: 10:06

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	2380	MPN/100mL	1	10	SM 9223 Quantitray	8/16/17 12:43	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/16/17 16:30	N AAS	U	
Fecal Coliform	68.9	MPN/100mL	1	1	SM 9223 Quantitray	8/16/17 13:26	N MD	A	
E. coli	63	MPN/100mL	1	10	SM 9223B Colilert	8/16/17 12:43	N MD	A	
Enterococcus	49.9	MPN/100mL	1	1	Enterolert	8/16/17 13:00	N MD	A	

005 Site: RW4 Date Sampled: 8/16/17 Time: 10:25

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	2495	MPN/100mL	1	10	SM 9223 Quantitray	8/16/17 12:43	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/16/17 16:30	N AAS	U	
Fecal Coliform	< 10	MPN/100mL	1	10	SM 9223 Quantitray	8/16/17 13:26	N MD	A	
E. coli	20	MPN/100mL	1	10	SM 9223B Colilert	8/16/17 12:43	N MD	A	
Enterococcus	30	MPN/100mL	1	10	Enterolert	8/16/17 13:00	N MD	A	

006 Site: RW5 Date Sampled: 8/16/17 Time: 10:37

Laboratory Report

CLIENT: Plattsburgh, City WPCP

WORK ORDER: **1708-19020**

PROJECT: 7 Sets RW TC/FC/ENT MPN, 8 DNA

DATE RECEIVED: 8/16/17

<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	860	MPN/100mL	1	10	SM 9223 Quantitray	8/16/17 12:43	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/16/17 16:30	N AAS	U	
Fecal Coliform	31	MPN/100mL	1	10	SM 9223 Quantitray	8/16/17 13:26	N MD	A	
E. coli	31	MPN/100mL	1	10	SM 9223B Colilert	8/16/17 12:43	N MD	A	
Enterococcus	<10	MPN/100mL	1	10	Enterolert	8/16/17 13:00	N MD	A	

007

Site: RW17

Date Sampled: 8/16/17 Time: 10:17

<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	1080	MPN/100mL	1	10	SM 9223 Quantitray	8/16/17 12:43	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/16/17 16:30	N AAS	U	
Fecal Coliform	282	MPN/100mL	1	10	SM 9223 Quantitray	8/16/17 13:26	N MD	A	
E. coli	109	MPN/100mL	1	10	SM 9223B Colilert	8/16/17 12:43	N MD	A	
Enterococcus	30	MPN/100mL	1	10	Enterolert	8/16/17 13:00	N MD	A	

008

Site: WPCP Effluent

Date Sampled: 8/16/17 Time: 8:45

<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	8/16/17 16:30	N AAS	U	

E

Due: 17 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>>

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	8/16/17	930	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
002	RW1		941	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
003	RW2		953	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
004 (004)	RW3		1006	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
005	RW4		1025	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
006	RW5		1037	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
007	RW17		1017	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
008	WPCP Effluent	✓	845	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)

Date

Time

RECEIVED BY:(SIGNATURE)

DATE/TIME

>> EPL

8/16/17, 1037

/

RELINQUISHED BY:(SIGNATURE)

EPL

8/16/17, 1037

/

DISPATCHED BY:(SIGNATURE)

EPL

8/16/17, 1108

RECEIVED FOR LABORATORY BY:

>> Melissa Dine

Date

Time

16 AUG 17, 1110

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: 18.4°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:>> 8/16/17

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

1708-19020



1708-19020

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7 Sets RW TC/FC/ENT MPN, 8 DNA