



## Laboratory Report

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

PROJECT: 10RW Sets TMPN,FCMPN,ENT,DNA  
WORK ORDER: **1708-18074**  
DATE RECEIVED: August 08, 2017  
DATE REPORTED: August 10, 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: 10RW Sets TMPN,FCMPN,ENT,DNA

WORK ORDER: 1708-18074  
 DATE RECEIVED: 8/8/17

001 Site: RW0 Date Sampled: 8/8/17 Time: 9:19

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	4350	MPN/100mL	1	10	SM 9223 Quantitray	8/8/17 12:15	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/8/17 16:30	N AAS	U	
Fecal Coliform	20	MPN/100mL	1	1	SM 9223 Quantitray	8/8/17 12:43	N MD	A	
E. coli	< 10	MPN/100mL	1	10	SM 9223B Colilert	8/8/17 12:15	N MD	A	
Enterococcus	19	MPN/100mL	1	1	Enterolert	8/8/17 12:27	N MD	A	

002 Site: RW1 Date Sampled: 8/8/17 Time: 9:36

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	5790	MPN/100mL	1	10	SM 9223 Quantitray	8/8/17 12:15	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/8/17 16:30	N AAS	U	
Fecal Coliform	70	MPN/100mL	1	1	SM 9223 Quantitray	8/8/17 12:43	N MD	A	
E. coli	41	MPN/100mL	1	10	SM 9223B Colilert	8/8/17 12:15	N MD	A	
Enterococcus	30	MPN/100mL	1	1	Enterolert	8/8/17 12:27	N MD	A	

003 Site: RW2 Date Sampled: 8/8/17 Time: 9:45

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	2500	MPN/100mL	1	10	SM 9223 Quantitray	8/8/17 12:15	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/8/17 16:30	N AAS	U	
Fecal Coliform	102	MPN/100mL	1	1	SM 9223 Quantitray	8/8/17 12:43	N MD	A	
E. coli	63	MPN/100mL	1	10	SM 9223B Colilert	8/8/17 12:15	N MD	A	
Enterococcus	50	MPN/100mL	1	1	Enterolert	8/8/17 12:27	N MD	A	

004 Site: RW3 Date Sampled: 8/8/17 Time: 10:00

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	3450	MPN/100mL	1	10	SM 9223 Quantitray	8/8/17 12:15	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/8/17 16:30	N AAS	U	
Fecal Coliform	64	MPN/100mL	1	1	SM 9223 Quantitray	8/8/17 12:43	N MD	A	
E. coli	52	MPN/100mL	1	10	SM 9223B Colilert	8/8/17 12:15	N MD	A	
Enterococcus	46	MPN/100mL	1	1	Enterolert	8/8/17 12:27	N MD	A	

005 Site: RW4 Date Sampled: 8/8/17 Time: 10:30

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	2720	MPN/100mL	1	10	SM 9223 Quantitray	8/8/17 12:15	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/8/17 16:30	N AAS	U	
Fecal Coliform	20	MPN/100mL	1	10	SM 9223 Quantitray	8/8/17 12:43	N MD	A	
E. coli	10	MPN/100mL	1	10	SM 9223B Colilert	8/8/17 12:15	N MD	A	
Enterococcus	20	MPN/100mL	1	10	Enterolert	8/8/17 12:27	N MD	A	

006 Site: RW5 Date Sampled: 8/8/17 Time: 10:38

## Laboratory Report

CLIENT: Plattsburgh, City WPCP  
 PROJECT: 10RW Sets TMPN,FCMPN,ENT,DNA

WORK ORDER: 1708-18074  
 DATE RECEIVED: 8/8/17

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	1780	MPN/100mL	1	10	SM 9223 Quantitray	8/8/17 12:15	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/8/17 16:30	N AAS	U	
Fecal Coliform	211	MPN/100mL	1	10	SM 9223 Quantitray	8/8/17 12:43	N MD	A	
E. coli	132	MPN/100mL	1	10	SM 9223B Colilert	8/8/17 12:15	N MD	A	
Enterococcus	30	MPN/100mL	1	10	Enterolert	8/8/17 12:27	N MD	A	

007 Site: RW17 Date Sampled: 8/8/17 Time: 10:15

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	2720	MPN/100mL	1	10	SM 9223 Quantitray	8/8/17 12:15	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/8/17 16:30	N AAS	U	
Fecal Coliform	275	MPN/100mL	1	10	SM 9223 Quantitray	8/8/17 12:43	N MD	A	
E. coli	148	MPN/100mL	1	10	SM 9223B Colilert	8/8/17 12:15	N MD	A	
Enterococcus	20	MPN/100mL	1	10	Enterolert	8/8/17 12:27	N MD	A	

008 Site: WPCP Effluent Date Sampled: 8/8/17 Time: 10:56

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

009 Site: RW5D Date Sampled: 8/8/17 Time: 10:40

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	1150	MPN/100mL	1	10	SM 9223 Quantitray	8/8/17 12:15	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/8/17 16:30	N AAS	U	
Fecal Coliform	75	MPN/100mL	1	10	SM 9223 Quantitray	8/8/17 12:43	N MD	A	
E. coli	63	MPN/100mL	1	10	SM 9223B Colilert	8/8/17 12:15	N MD	A	
Enterococcus	< 10	MPN/100mL	1	10	Enterolert	8/8/17 12:27	N MD	A	

010 Site: Field Blank Date Sampled: 8/8/17 Time: 10:36

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	< 1	MPN/100mL	1	1	SM 9223 Quantitray	8/8/17 12:15	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/8/17 16:30	N AAS	U	
Fecal Coliform	< 1	MPN/100mL	1	1	SM 9223 Quantitray	8/8/17 12:43	N MD	A	
E. coli	< 1	MPN/100mL	1	1	SM 9223B Colilert	8/8/17 12:15	N MD	A	
Enterococcus	< 1	MPN/100mL	1	1	Enterolert	8/8/17 12:27	N MD	A	

E

See: 09 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&gt;&gt;

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

Ryan Rice / Eric Rock

(PLEASE PRINT)

PROJECT LOCATION:&gt;&gt; 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	ANALYSES
001	RW0	8/8/17	9:19	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
002	RW1		9:36	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
003	RW2		9:45	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
004	RW3		10:00	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
005	RW4		10:30	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
006	RW5		10:38	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
007	RW17		10:15	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
008	WPCP Effluent		10:56	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
009	RW5D		10:40	WATER	Grab	4	ICED	SeeBelow	TC,EC,FC, Enterococcus, DNA Filter/Archive
010	Field Blank		10:36	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

&gt;&gt; Ryan Rice / ERK

8/8/17

1056

RELINQUISHED BY:(SIGNATURE)

8-8-17

1056

RECEIVED BY:(SIGNATURE)

DISPATCHED BY:(SIGNATURE)

8-8-17

1112

RECEIVED FOR LABORATORY BY:

Date

Time

&gt;&gt; Amber Green

08 Aug 17

1115

## 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: 17.3C

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

Setup sufficient Sample Volumes such that a &gt; is never reported

METHOD OF SHIPMENT:

Hand Delivered DATE:&gt;&gt;

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  
5/22/2017

1708-18074



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