



## Laboratory Report

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

PROJECT: WPCP Eff-TMPN,FCMP,ENT,DNA  
WORK ORDER: 1708-19767  
DATE RECEIVED: August 23, 2017  
DATE REPORTED: August 25, 2017  
SAMPLER: Eric Rock/Janelle Henry

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: WPCP Eff-TMPN,FCMP,ENT,DNA

WORK ORDER: 1708-19767  
 DATE RECEIVED: 8/23/17

001 Site: RW0 Date Sampled: 8/23/17 Time: 10:49

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	5250	MPN/100mL	1	10	SM 9223 Quantitray	8/23/17 14:35	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/23/17 13:00	N MD	U	
Fecal Coliform	88.6	MPN/100mL	1	1	SM 9223 Quantitray	8/23/17 14:51	N MD	A	
E. coli	74	MPN/100mL	1	10	SM 9223B Colilert	8/23/17 14:35	N MD	A	
Enterococcus	123.5	MPN/100mL	1	1	Enterolert	8/23/17 15:04	N MD	A	

002 Site: RW1 Date Sampled: 8/23/17 Time: 11:02

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	2920	MPN/100mL	1	10	SM 9223 Quantitray	8/23/17 14:35	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/23/17 13:00	N MD	U	
Fecal Coliform	105.4	MPN/100mL	1	1	SM 9223 Quantitray	8/23/17 14:51	N MD	A	
E. coli	73	MPN/100mL	1	10	SM 9223B Colilert	8/23/17 14:35	N MD	A	
Enterococcus	146.2	MPN/100mL	1	1	Enterolert	8/23/17 15:04	N MD	A	

003 Site: RW2 Date Sampled: 8/23/17 Time: 11:13

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	3970	MPN/100mL	1	10	SM 9223 Quantitray	8/23/17 14:35	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/23/17 13:00	N MD	U	
Fecal Coliform	191.8	MPN/100mL	1	1	SM 9223 Quantitray	8/23/17 14:51	N MD	A	
E. coli	98	MPN/100mL	1	10	SM 9223B Colilert	8/23/17 14:35	N MD	A	
Enterococcus	102.6	MPN/100mL	1	1	Enterolert	8/23/17 15:04	N MD	A	

004 Site: RW3 Date Sampled: 8/23/17 Time: 11:24

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	13000	MPN/100mL	1	10	SM 9223 Quantitray	8/23/17 14:35	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/23/17 13:00	N MD	U	
Fecal Coliform	190.4	MPN/100mL	1	1	SM 9223 Quantitray	8/23/17 14:51	N MD	A	
E. coli	75	MPN/100mL	1	10	SM 9223B Colilert	8/23/17 14:35	N MD	A	
Enterococcus	79.9	MPN/100mL	1	1	Enterolert	8/23/17 15:04	N MD	A	

005 Site: RW4 Date Sampled: 8/23/17 Time: 11:43

Parameter	Result	Units	RL	PQL	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
Total Coliform	4350	MPN/100mL	1	10	SM 9223 Quantitray	8/23/17 14:35	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/23/17 13:00	N MD	U	
Fecal Coliform	63	MPN/100mL	1	10	SM 9223 Quantitray	8/23/17 14:51	N MD	A	
E. coli	41	MPN/100mL	1	10	SM 9223B Colilert	8/23/17 14:35	N MD	A	
Enterococcus	20	MPN/100mL	1	10	Enterolert	8/23/17 15:04	N MD	A	

006 Site: RW5 Date Sampled: 8/23/17 Time: 11:55

**Laboratory Report**

CLIENT: Plattsburgh, City WPCP  
 PROJECT: WPCP Eff-TMPN,FCMP,ENT,DNA

WORK ORDER: **1708-19767**  
 DATE RECEIVED: 8/23/17

<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	19860	MPN/100mL	1	10	SM 9223 Quantitray	8/23/17 14:35	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/23/17 13:00	N MD	U	
Fecal Coliform	1920	MPN/100mL	1	10	SM 9223 Quantitray	8/23/17 14:51	N MD	A	
E. coli	990	MPN/100mL	1	10	SM 9223B Colilert	8/23/17 14:35	N MD	A	
Enterococcus	20	MPN/100mL	1	10	Enterolert	8/23/17 15:04	N MD	A	

007

Site: RW17

Date Sampled: 8/23/17 Time: 11:35

<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	19860	MPN/100mL	1	10	SM 9223 Quantitray	8/23/17 14:35	N MD	A	
Filtration for DNA Testing	COMPLETE				Helix Biolab	8/23/17 13:00	N MD	U	
Fecal Coliform	1220	MPN/100mL	1	10	SM 9223 Quantitray	8/23/17 14:51	N MD	A	
E. coli	377	MPN/100mL	1	10	SM 9223B Colilert	8/23/17 14:35	N MD	A	
Enterococcus	10	MPN/100mL	1	10	Enterolert	8/23/17 15:04	N MD	A	

008

Site: WPCP Effluent

Date Sampled: 8/23/17 Time: 9:40

<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	8/23/17 13:00	N MD	U	

E

DUE: 24 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;

Eric Rock, Janelle Henry

CLIENT: CITY OF PLATTSBURGH-WPCP

CLIENT CONTACT: BILL ELLSWORTH

CLIENT PHONE 518-536-7476

(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 PPB	ANALYSES
001	RW0	8/23/17	1049	WATER	Grab	4	ICED	SeeBelow	TC, EC, FC, Enterococcus, DNA Filter/Archive
002	RW1		1102	WATER	Grab	4	ICED	SeeBelow	TC, EC, FC, Enterococcus, DNA Filter/Archive
003	RW2		1113	WATER	Grab	4	ICED	SeeBelow	TC, EC, FC, Enterococcus, DNA Filter/Archive
004	RW3		1124	WATER	Grab	4	ICED	SeeBelow	TC, EC, FC, Enterococcus, DNA Filter/Archive
005	RW4		1143	WATER	Grab	4	ICED	SeeBelow	TC, EC, FC, Enterococcus, DNA Filter/Archive
006	RW5		1155	WATER	Grab	4	ICED	SeeBelow	TC, EC, FC, Enterococcus, DNA Filter/Archive
007	RW17		1135	WATER	Grab	4	ICED	SeeBelow	TC, EC, FC, Enterococcus, DNA Filter/Archive
008	WPCP Effluent		940	WATER	Grab	1	ICED	SeeBelow	TC, EC, FC, Enterococcus, DNA Filter/Archive JH
				WATER	Grab	1	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)

&gt;&gt; Janelle Henry

Date

8/23/17

Time

1155

RECEIVED BY: (SIGNATURE)

DATE/TIME

RELINQUISHED BY: (SIGNATURE)

&gt;&gt; Janelle Henry

8/23/17

1155

RECEIVED BY: (SIGNATURE)

JH

1155

DISPATCHED BY: (SIGNATURE)

&gt;&gt; Janelle Henry

8/23/17

1235

RECEIVED FOR LABORATORY BY:

&gt;&gt; Melissa J. Din

Date

23 AUG 17

Time

1236

## 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: 23.3°C

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; 8/23/17

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  
5/22/2017

1708-19767



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