

TOWN OF CHITTENDEN
STORM WATER RUNNOFF TESTING
FOR ACT 64 & CLEAN WATER ACT

E-COLI
NITRATE/NITRITE
T.K.N.
TOTAL NITROGEN
TOTAL PHOSPHORUS

2016 TESTING RESULTS

Revised Edition: Issued December 22, 2016

Town of Chittenden

Testing for Storm Water Runoff Per Act 64 and Clean Water Act

Sample taken and lab testing results:

EAST CREEK - CLASS B

Date:	5/11/2016			
Location:	Fox Creek Inn			
				Test Parameters
E-Coli	5			126 MPN/100 mL
Nitrate/Nitrite	0.1			5 mg/L
TKN	< 0.5			5 mg/L
Total Nitrogen	0.6			5 mg/L
Total Phosphorus	0.011			27 mg/L

Date:		7/18/2016		
Location:		Powerhouse Road Crossing		
				Test Parameters
E-Coli		45		126 MPN/100 mL
Nitrate/Nitrite		0.2		5 mg/L
TKN		< 0.5		5 mg/L
Total Nitrogen		0.7		5 mg/L
Total Phosphorus		0.024		27 mg/L

Date:			12/15/2016	
Location:			Sagamon Bridge	
				Test Parameters
E-Coli			2	126 MPN/100 mL
Nitrate/Nitrite			0.3	5 mg/L
TKN			<0.5	5 mg/L
Total Nitrogen			0.8	5 mg/L
Total Phosphorus			0.006	27 mg/L

Town of Chittenden

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Sample taken and lab testing results:

POWERHOUSE DICHARGE WATER - CLASS B

Date:	11/10/2016				
Location:					Test Parameters
E-Coli	< 1				126 MPN/100 mL
Nitrate/Nitrite	< 0.1				5 mg/L
TKN	< 0.5				5 mg/L
Total Nitrogen	< 0.6				5 mg/L
Total Phosphorus	0.008				27 mg/L

Date:					
Location:					Test Parameters
E-Coli					126 MPN/100 mL
Nitrate/Nitrite					5 mg/L
TKN					5 mg/L
Total Nitrogen					5 mg/L
Total Phosphorus					27 mg/L

Date:					
Location:					Test Parameters
E-Coli					126 MPN/100 mL
Nitrate/Nitrite					5 mg/L
TKN					5 mg/L
Total Nitrogen					5 mg/L
Total Phosphorus					27 mg/L

Town of Chittenden

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Sample taken and lab testing results:

HEWITT BROOK - CLASS B

Date:	5/11/2016			
Location:	FS Bridge			
				Test Parameters
E-Coli	4			126 MPN/100 mL
Nitrate/Nitrite	0.1			5 mg/L
TKN	< 0.5			5 mg/L
Total Nitrogen	0.6			5 mg/L
Total Phosphorus	0.01			27 mg/L

Date:		7/28/2016		
Location:		Beach Bridge		
				Test Parameters
E-Coli		2		126 MPN/100 mL
Nitrate/Nitrite		0.2		5 mg/L
TKN		0.6		5 mg/L
Total Nitrogen		0.8		5 mg/L
Total Phosphorus		0.014		27 mg/L

Date:				
Location:				
				Test Parameters
E-Coli				126 MPN/100 mL
Nitrate/Nitrite				5 mg/L
TKN				5 mg/L
Total Nitrogen				5 mg/L
Total Phosphorus				27 mg/L

Town of Chittenden

Testing for Storm Water Runoff Per Act 64 and Clean Water Act

Sample taken and lab testing results:

WILDCAT BROOK - CLASS B

Date:	5/11/2016	11/10/2016		
Location:	South of Wetland	South of Wetland		
E-Coli	4	8		Test Parameters 126 MPN/100 mL
Nitrate/Nitrite	0.2	0.1		5 mg/L
TKN	< 0.5	< 0.5		5 mg/L
Total Nitrogen	0.7	< 0.6		5 mg/L
Total Phosphorus	< 0.005	0.005		27 mg/L

Date:				
Location:				
E-Coli				Test Parameters 126 MPN/100 mL
Nitrate/Nitrite				5 mg/L
TKN				5 mg/L
Total Nitrogen				5 mg/L
Total Phosphorus				27 mg/L

Date:				
Location:				
E-Coli				Test Parameters 126 MPN/100 mL
Nitrate/Nitrite				5 mg/L
TKN				5 mg/L
Total Nitrogen				5 mg/L
Total Phosphorus				27 mg/L

Town of Chittenden

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Sample taken and lab testing results:

LEFFERTS POND - CLASS B

Date:	11/10/2016			
Location:	North of Wetland			
				Test Parameters
E-Coli	88			126 MPN/100 mL
Nitrate/Nitrite	< 0.1			5 mg/L
TKN	< 0.5			5 mg/L
Total Nitrogen	< 0.6			5 mg/L
Total Phosphorus	0.011			27 mg/L

Date:				
Location:				
				Test Parameters
E-Coli				126 MPN/100 mL
Nitrate/Nitrite				5 mg/L
TKN				5 mg/L
Total Nitrogen				5 mg/L
Total Phosphorus				27 mg/L

Date:				
Location:				
				Test Parameters
E-Coli				126 MPN/100 mL
Nitrate/Nitrite				5 mg/L
TKN				5 mg/L
Total Nitrogen				5 mg/L
Total Phosphorus				27 mg/L

Town of Chittenden

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Sample taken and lab testing results:

FURNACE BROOK - CLASS B

Date:	5/11/2016	11/10/2016		
Location:	First Bridge	First Bridge		
E-Coli	2	2		Test Parameters 126 MPN/100 mL
Nitrate/Nitrite	0.2	0.2		5 mg/L
TKN	< 0.5	< 0.5		5 mg/L
Total Nitrogen	0.7	0.7		5 mg/L
Total Phosphorus	0.009	0.005		27 mg/L

Date:		11/10/2016		
Location:		Turn Below Hatchery		
E-Coli		3		Test Parameters 126 MPN/100 mL
Nitrate/Nitrite		0.2		5 mg/L
TKN		< 0.5		5 mg/L
Total Nitrogen		0.7		5 mg/L
Total Phosphorus		0.006		27 mg/L

Date:				
Location:				
E-Coli				Test Parameters 126 MPN/100 mL
Nitrate/Nitrite				5 mg/L
TKN				5 mg/L
Total Nitrogen				5 mg/L
Total Phosphorus				27 mg/L