

Stormwater Utility Report

**Prepared by VTrans Pursuant to Act 158 (H.876 2016 T-Bill) Section 34
Submitted on January 15, 2019 for 2018 Calendar Year**

Submitted to:
House Committee on Transportation
Senate Committee on Transportation
House Committee on Natural Resources, Fish & Wildlife
Senate Committee on Natural Resources and Energy

As required by Section 34 of Act 158 of 2016 (full text on page 6 of 6), VTrans is pleased to submit this stormwater utility report, the third of five such reports. In summary, the report addresses:

1. Number of municipal stormwater utilities (*SW Utilities*) in existence at time of report.
2. Number of new municipal stormwater utilities established in preceding year.
3. Fees paid by VTrans to municipal stormwater utilities in preceding year.
4. List of stormwater projects implemented by VTrans in municipalities with stormwater utilities over the preceding year.
5. List of stormwater programs implemented by VTrans in municipalities with stormwater utilities over the preceding year.
6. List of water quality related grant awards and stormwater utility incentive grant payments by VTrans to municipalities with stormwater utilities.

SUMMARY TABLE – PRIOR YEAR COMPARISON TO CURRENT YEAR

[refer to following pages for details on items 1 thru 6]

Report On	2016	2017	2018	Change from Previous Year
1 – Existing SW Utilities at time of Report	3	4	5	1 new
2 – New SW Utilities established in calendar year	0	1	1	1 new
3 – SW Utility Fees Paid	\$25,807	\$109,382	\$188,141	\$78,759 increase
4 – Projects Benefiting Water Quality	\$72,000 and no construction projects	\$124,600 and 6 construction projects	\$19,656 and 8 construction projects	\$104,944 decrease and construction projects increased by 2
5 – Programs Benefiting Water Quality	\$38,000	\$40,600	\$369,882	\$329,282 increase
6 – Grants, Including Incentives Benefiting Water Quality	\$308,000	\$1.6 million	\$1.4 million	\$200,000 decrease

CALENDAR YEAR 2018 DETAILED REPORT

1. Per Section 34 (1) report on the number of municipal stormwater utilities in existence at the time of each report.

➤ Five (5) municipal stormwater utilities exist and include:

↪ **City of St. Albans (NEW in 2018)**

Effective July 1, 2018.

<https://www.stalbansvt.com/stormwater>

↪ **Town of Colchester**

Effective July 1, 2017.

<http://colchestervt.gov/1837/Stormwater-Utility>

↪ **City of Burlington**

Effective April 1, 2009.

<https://www.burlingtonvt.gov/DPW/Stormwater-Management>

↪ **City of South Burlington**

Effective July 1, 2005.

http://sburlstormwater.com/wp-content/uploads/2016/10/Sewer_and_Stormwater_Ordinance_Final_101716.pdf

↪ **Town of Williston**

Effective June 20, 2014.

http://www.town.williston.vt.us/vertical/Sites/%7BF506B13C-605B-4878-8062-87E5927E49F0%7D/uploads/stormwater_ordin_amend_final_signed_072015.pdf

2. Per Section 34 (2) report on the number of new municipal stormwater utilities established in the preceding calendar year.

➤ One new municipal stormwater utility was created in calendar year 2018 in the City of St. Albans.

3. Per Section 34 (3) report on the amount of fees paid by VTrans to stormwater utilities in the preceding calendar year.

Municipal SW Utility	2016 Fees Paid	2017 Fees Paid	2018 Fees Paid
Burlington	\$7,077	\$99	\$90
Colchester	na	na	\$62,284
So. Burlington	0	\$71,823	\$97,566
Williston	\$18,730	\$37,460	\$28,095
St. Albans	na	na	\$106
Totals	\$25,807	\$109,382	\$188,141
Net Increase over previous year	--	+ \$83,575	+ \$78,759

4. Per Section 34 (4) report on stormwater projects implemented by VTrans in municipalities with stormwater utilities in the preceding calendar year.

Project/Activity	2018 #'s or Costs
<p>Projects under construction with either:</p> <ul style="list-style-type: none"> ➤ Permanent operational stormwater treatment <ul style="list-style-type: none"> ☞ Burlington = 0 ☞ Colchester = 1 ☞ South Burlington = 0 ☞ Williston = 1 ☞ St. Albans City = 0 ➤ Temporary construction erosion control stormwater treatment <ul style="list-style-type: none"> ☞ Burlington = 0 ☞ Colchester = 2 ☞ South Burlington = 3 ☞ Williston = 1 ☞ St. Albans City = 0 <p>Requiring 25 quality control assurance site inspections by VTrans Construction Environmental Engineers.</p>	<p>8 projects (costs are difficult to tease out and are not included)</p>
<p>Stormwater retrofit projects to meet Total Maximum Daily Load (TMDL) requirements.</p> <ul style="list-style-type: none"> ➤ No stormwater retrofit projects were installed this past year. Construction is scheduled to commence on Allen Brook retrofits in Williston in Spring of 2019. 	<p>\$0</p>
<p>Maintenance District stormwater and water quality projects (retrofits/restoration/slope stabilization/etc).</p>	<p>\$1,509</p>
<p>Stormwater management system work (new or maintenance); could include DI cleaning, stormwater pipe cleaning, ditching, replacing stormwater pipes, or other.</p>	<p>\$18,147</p>
<p>Total</p>	<p>\$19,656 and 8 active projects</p>

5. Per Section 34 (4) report on stormwater programs implemented by VTrans in municipalities with stormwater utilities in the preceding calendar year.

Note: Includes VTrans non-grant/incentive programs.

Programs / Activity	2018 Costs
MS4 Minimum Control Measures (Municipal Separate Storm Sewer System General Permit) <ul style="list-style-type: none"> ➤ Rethink Runoff: http://rethinkrunoff.org 	\$5,500
TMDL Stormwater Flow Restoration Planning (FRP) (Stormwater Impaired Watersheds with Total Maximum Daily Loads). Includes: <ul style="list-style-type: none"> ➤ Allen Brook Design and Construction Plans (Williston) 	\$216,732
TMDL Phosphorus Control/Reduction Retrofit Planning (PCP) (Lake Champlain Phosphorus Impaired Watershed with Total Maximum Daily Load).	\$76,000
TS4 – Transportation Separate Storm Sewer System Permit Compliance. Includes: <ul style="list-style-type: none"> ➤ Developing Notice of Intent, Stormwater Pollution Prevention Plan and Annual Report Template. 	\$39,000
Asset Management/Data Collection capturing and updating stormwater collection, conveyance, and treatment systems. <ul style="list-style-type: none"> ➤ Summer Temporary Staff (2) worked over Summer 2018 to collect data and map stormwater infrastructure along VTrans Road networks. Work involved State Roads in Burlington, Colchester, South Burlington and Williston. 	\$31,000
VTrans Training Center and Vermont Local Roads Education/Training Targeting Municipal Staff. <ul style="list-style-type: none"> ➤ 3 trainings attended by 2 towns (So. Burlington and Williston) with a total of 4 municipal staff in attendance. 	\$1,650
Total	\$369,882

6. Per Section 34 (4) report on stormwater programs implemented by VTrans in municipalities with stormwater utilities in the preceding calendar year.

Note: Includes municipal grants/incentives including water quality related grant awards and stormwater utility incentive grant payments by VTrans to municipalities with stormwater utilities.

Programs / Activity	2018 Costs
<p>Transportation Alternatives (requires local match not included in totals listed here).</p> <p>Grant awards include:</p> <ul style="list-style-type: none"> ➤ Colchester – Construction of several BMPs in the Moorings Stream Watershed. ⌘ (Grant Award = \$295,200) ➤ South Burlington – Construction of a sub-surface stormwater infiltration & detention system. ⌘ (Grant Award = \$242,000) ➤ South Burlington – Expansion of an existing stormwater pond along Kennedy Drive. ⌘ (Grant Award = \$300,000) 	\$837,200
<p>Municipal Highway & Stormwater Mitigation in the Municipal Mitigation Assistance Program (requires local match not included in totals listed here).</p> <p>Grant awards include:</p> <ul style="list-style-type: none"> ➤ South Burlington - Design/construction of new closed system and associated stormwater treatment along Lindenwood Dr. ⌘ (Grant Award = \$303,574) ➤ South Burlington - Retrofit of existing detention pond into a gravel wetland along Kennedy Drive. ⌘ (Grant Award = \$253,616) 	\$557,190
<p>Better Roads in the Municipal Mitigation Assistance Program (requires 20% local matching funds not included in totals listed here).</p> <ul style="list-style-type: none"> ➤ No applications were received 	\$0
<p>Municipal Stormwater Utility Incentive Payments in the Municipal Mitigation Assistance Program using Clean Water Funds.</p>	\$0 *
<p>Total (rounded)</p>	<p>\$1.4 million</p>

*Payments in calendar year 2018 are to be made by the Agency of Administration, not VTrans.

Full text of Act 158 Section 34

Sec. 34. STORMWATER UTILITY REPORT

On or before January 15, 2017, and annually thereafter until January 15, 2021, the Agency shall report to the House and Senate Committees on Transportation, the House Committee on Fish, Wildlife and Water Resources, and the Senate Committee on Natural Resources and Energy regarding the status of municipal establishment and implementation of stormwater utilities in the State. The report shall include:

(1) the number of municipal stormwater utilities in existence at the time of each report, as indicated by the number of unique municipal rate structures for stormwater mitigation under which the Agency was invoiced in the calendar year preceding a report submitted under this section;

(2) the number of new municipal stormwater utilities established in the State in the calendar year preceding a report submitted under this section;

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(3) the amount of fees paid by the Agency to stormwater utilities in the calendar year preceding a report submitted under this section; and

(4) a list of the stormwater projects or programs implemented by the Agency in municipalities with stormwater utilities in the calendar year preceding a report submitted under this section.