

Stormwater Utility Report

Prepared by VTrans Pursuant to Act 158 (H.876 2016 T-Bill) Section 34

Submitted on January 15, 2021 for 2020 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 final 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 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 | 2019 | 2020 | Change from Previous Year |
|---------------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------|----------------------------------------------|--------------------------------------------|---------------------------------------------------|
| 1 – Existing SW Utilities at time of Report | 3 | 4 | 5 | 5 | 7 | (+) 2 |
| 2 – New SW Utilities established in calendar year | 0 | 1 | 1 | 0 | 2 | (+) 2 |
| 3 – SW Utility Fees Paid | \$25,807 | \$109,382 | \$188,141 | \$199,168 | \$191,477 | (-) \$7,691 |
| 4 – Projects Benefiting Water Quality | \$72,000 no construction projects | \$124,600 6 construction projects | \$19,656 8 construction projects | \$1,030,543 6 construction projects | \$318,164 7 construction projects | (-) \$712,379 (+) 1 construction project |
| 5 – Programs Benefiting Water Quality | \$38,000 | \$40,600 | \$369,882 | \$146,122 | \$507,913 | (+) \$361,791 |
| 6 – Grants Benefiting Water Quality | \$308,000 | \$1.6 million | \$1.4 million * | \$557,190 * | \$792,400* | (+) \$235,210* |

*Figure does not include stormwater utility incentive payments to municipalities with stormwater utilities as the Agency of Administration took on these payments effective 2018.

CALENDAR YEAR 2020 DETAILED REPORT

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

- Seven (7) municipal stormwater utilities exist and include:
 - ↪ **Town of Shelburne (NEW)**
[Ordinance](#) Effective June 2020
 - ↪ **Town of St. Albans (NEW)**
[Ordinance](#) Effective November 20, 2020
 - ↪ **City of St. Albans**
[Ordinance](#) Effective July 1, 2018
 - ↪ **Town of Colchester**
[Ordinance](#) Effective July 1, 2017
 - ↪ **City of Burlington**
[Ordinance](#) Effective April 1, 2009
 - ↪ **City of South Burlington**
[Ordinance](#) Effective July 1, 2005
 - ↪ **Town of Williston**
[Ordinance](#) Effective June 20, 2014

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

- Two (2) new municipal stormwater utility (Town of St. Albans and Town of Shelburne) were created in calendar year 2020.

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 | 2019 Fees Paid | 2020 Fees Paid |
|-------------------------------|-----------------|------------------|------------------|------------------|------------------|
| Burlington | \$7,077 | \$99 | \$90 | \$98 | \$90 |
| Colchester | na | na | \$62,284 | \$61,820 | \$61,820 |
| So. Burlington | 0 | \$71,823 | \$97,566 | \$99,513 | \$101,244 |
| Williston | \$18,730 | \$37,460 | \$28,095 | \$37,459 | \$28,095 |
| St. Albans City | na | na | \$106 | \$278 | \$228 |
| St. Albans Town | na | na | na | na | \$0* |
| Shelburne | na | na | na | na | \$0* |
| Totals | \$25,807 | \$109,382 | \$188,141 | \$199,168 | \$191,477 |
| Net change over previous year | -- | (+) \$108,232 | (+) \$78,759 | (+) \$11,027 | (-) \$7,691 |

*First bill expected after July 1, 2021

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

| Project/Activity | 2020 #’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 ☞ Town of St. Albans = 0 ☞ Shelburne = 0 ➤ Temporary construction erosion control stormwater treatment <ul style="list-style-type: none"> ☞ Burlington = 0 ☞ Colchester = 3 ☞ South Burlington = 1 ☞ Williston = 3 ☞ St. Albans City = 0 ☞ Town of St. Albans = 0 ☞ Shelburne = 0 <p>Requiring 7 quality control assurance site inspections by VTrans Construction Environmental Engineers.</p> | <p>7 projects encompassing 9 permitted activities requiring 7 quality assurance visits (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"> ➤ SWFR(1) Williston and SWFR(2) St. Albans | <p>\$248,095</p> |
| <p>Maintenance District stormwater and water quality projects (retrofits/restoration/slope stabilization/etc.) and stormwater management system work (new or maintenance); could include DI cleaning, stormwater pipe cleaning, ditching, replacing stormwater pipes, or other.</p> <ul style="list-style-type: none"> ➤ Stormwater compliance and maintenance work in Shelburne. Erosion stabilization in Colchester | <p>\$70,069</p> |
| <p style="text-align: right;">Total (rounded)</p> | <p>\$318,164 and 7 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 | 2020 Costs |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| MS4 Minimum Control Measures (Municipal Separate Storm Sewer System General Permit) <ul style="list-style-type: none"> ➤ Regional Stormwater Education Program http://smartwaterways.org/ ➤ Chittenden County Stream Team Program http://www.ccstreamteam.org/ | \$6,000 |
| TMDL Stormwater Flow Restoration Planning (FRP) (Stormwater Impaired Watersheds with Total Maximum Daily Loads). Includes: <ul style="list-style-type: none"> ➤ none | \$0 |
| TMDL Phosphorus Control/Reduction Retrofit Planning (PCP) (Lake Champlain Phosphorus Impaired Watershed with Total Maximum Daily Load). <ul style="list-style-type: none"> ➤ Development of VTrans PCP and first implementation plan | \$470,513 |
| TS4 – Transportation Separate Storm Sewer System Permit Compliance. Includes: <ul style="list-style-type: none"> ➤ Included in MS4/TMDL values above | \$0 |
| 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 Colchester and Williston | \$31,000 |
| VTrans Training Center and Vermont Local Roads Education/Training Targeting Municipal Staff. <ul style="list-style-type: none"> ➤ 16 training hours | \$400 |
| Total (rounded) | \$507,913 |

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

Note: Includes water quality related grant awards by VTrans to municipalities with stormwater utilities.

| Programs / Activity | 2020 Costs |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <p>Transportation Alternatives (requires local match not included in totals listed here). Grant awards include:</p> <ul style="list-style-type: none"> ↵ South Burlington TAP TA20(7), Replacing culvert and temp bridge including pedestrian path, total federal share = \$300,000. | \$300,000 |
| <p>Municipal Highway & Stormwater Mitigation in the Municipal Mitigation Assistance Program (requires local match not included in totals listed here). Grant awards include:</p> <ul style="list-style-type: none"> ↵ Colchester STP MM21(3), Moorings Stream / Shore Acres, additional funding, total federal share = \$72,000. ↵ South Burlington STP MM21(1), Stormwater Treatment System at 10791 Airport Drive, total federal share = \$365,200. | \$473,200 |
| <p>Better Roads in the Municipal Mitigation Assistance Program (requires 20% local matching funds not included in totals listed here). ↵ Shelburne, Grant BR0828, Category B, Slope Stabilization total state share = \$19,200.</p> | \$19,200 |
| <p>Municipal Stormwater Utility Incentive Payments in the Municipal Mitigation Assistance Program using Clean Water Funds. ↵ None. The Agency of Administration took on these payments effective 2018.</p> | \$0 |
| Total (rounded) | \$792,400 |

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.