



City of Saint Albans MS4 Annual Report and Flow Restoration Plan Report for 2016

Submitted: March 22, 2017

In order to meet requirements of State of Vermont General Permit 3-9014 (2012) issued to the City of Saint Albans on October 1, 2013 we are submitting the following annual report covering stormwater activities completed in calendar year 2016.

1. Minimum Measure 1 – Public Education and Outreach

MM 1 is covered in detail in Appendix A - Franklin County RSEP Annual Report. Some key outputs are listed below.

- 1.1. Visitors to Regional Stormwater Education Program (RSEP) web site www.fcsvt.org: **118**
- 1.2. Payment made to Franklin County RSEP: **\$5,000** (total for MM1 and MM2)
- 1.3. Number of stormwater educational brochures distributed: **652**.
- 1.4. Local news media stories or ads: **2 stories in newspaper and 1 television PSA.**
- 1.5. Development of school curriculum materials: **Meeting with supervisory union curriculum coordinator.**

2. Minimum Measure 2 – Public Involvement and Participation

MM 2 is covered in detail in Appendix A - Franklin County RSEP Annual Report. Some key outputs are listed below.

- 2.1. Payment made to the Franklin County RSEP: **\$5,000** (total for MM1 and MM2)
- 2.2. Public workshops: **1 postponed to 2017, due to low registration.**
- 2.3. Number of new storm drains marked with the “No Dumping, Drains to Stream” message: **23**
- 2.4. Number of volunteers at RSEP outreach events: **5**
- 2.5. Community clean-up events: **2 held**

Note: In addition to the community clean-up events, a VYCC crew removed approx. 350 pounds from City streams and stream banks in 2016.

3. Minimum Measure 3 – Illicit Discharge Detection and Elimination

3.1. Illicit Discharges detected and eliminated:

3.1.1. **No discharges were detected or eliminated in 2016.**

3.2. Stormwater infrastructure map updates: **The City commissioned Aldrich + Elliott engineers to update the map files and assign a number to every outfall and catch basin in the City.**

3.3. Development of Illicit Discharge Ordinance: **Draft developed in 2015. Adoption due by 2017**

4. Minimum Measure 4 –Construction Site Runoff Control

4.1. Develop procedures to ensure City construction activities are properly permitted: **Work began with a consultant to develop a permitting checklist for City projects.**

4.2. Assess existing regulations and develop land development rules related to Erosion Control for sites disturbing greater than or equal to 1 acre: **Rules were drafted in 2015. Adoption of ordinance due in 2017.**

4.3. Number of City projects with State approved ESCP plans: **3 – Fairfield St. Reconstruction, Lake Street Streetscape Project, and Lake-Main Sidewalk Project.**

4.4. Number of private development project ESCP plans reviewed: **None. To be recorded in future years.**

4.5. Number of private development ESCP site inspections: **None. To be recorded in future years.**

5. Minimum Measure 5 – Post Construction Stormwater Management

5.1. Assess existing regulations and develop land development rules and procedures for post-construction stormwater management for sites disturbing greater than or equal to 1 acre:

The City has hired a team of consultants to take a comprehensive look at standards, regulations and procedures to implement stormwater management and regulations to support LID for development permitted within the City. Project reporting and the most recent draft of the rules are available in the appendices. **Adoption of ordinance due in 2017.**

5.2. Number of City owned stormwater management systems under State jurisdiction: **3 in the MS4 area and incorporated into the City's SWMP in 2016.**

5.3. Number of private development stormwater management plans reviewed: **None. To be recorded in future years.**

5.4. Number of private development stormwater management projects inspected: **None. To be recorded in future years.**

Minimum Measure 5A – Managed Stormwater Treatment Facilities

5A.1. Facilities maintained:

Facility Name	Location	State Permit #	Year City Began Maintenance	Activities in 2016
Murray Drive Swales (formerly “Lake Street Subdivision”)	Murray Dr.	1-0477	2016	Incorporated into SWMP. Inspection to verify system function.
Guyette Circle / Bowles Lane Swales (formerly “Edward Street Subdivision”)	Guyette Cir. and Bowles Ln.	1-0691	2016	Incorporated into SWMP. Inspection to verify system function.
Lemnah Drive 1 (formerly “St. Albans Industrial Park”)	Lemnah Dr.	2-0147	2016	Incorporated into SWMP. Inspection to verify system function.

6. Minimum Measure 6 – Pollution Prevention and Good Housekeeping

- 6.1. Number of catch basins cleaned: **315**
- 6.2. Volume of material removed from catch basins: **51 cubic yards**
- 6.3. Volume of material collected from street sweeping activities: **56 cubic yards**
- 6.4. Stormwater training attended by City staff: **2 City staff members attended an on-site training given by Aldrich + Elliott on detection of illicit discharges.**
- 6.5. No additional MSGPs required for City owned facilities.
- 6.6. Funds spent on the stormwater management in fiscal year: **To be recorded in future years.**
- 6.7. Catch basin structures repaired or replaced: **28.**

7. Flow Restoration Plan (FRP) Report

7.1. **Stevens Brook FRP** – The City submitted the FRP for Stevens Brook to the State in 2016. Stormwater retrofits have been identified throughout the watershed along with cost estimates and a proposed timeline for design and construction. The FRP includes a full list of expired permits within the Stevens Brook watershed with a description of their existing storm water system and proposed retrofits (if applicable).

There was no further FRP planning or construction work in 2016. Projects in the Stevens Brook FRP require final design, engineering, site control, and permitting before any construction can begin. The City is seeking planning funds to begin these processes on 1-2 projects in the FRP. In the meantime, the City has cooperated with VT DEC activities to inventory project status and funding needs.

7.2. **Rugg Brook FRP** – The City submitted the FRP for Stevens Brook to the State in 2016. The FRP includes a full list of expired permits within the Rugg Brook watershed with a description of their existing storm water system and proposed retrofits (if applicable).

There was no further FRP planning or construction work in 2016. Projects in the Rugg Brook FRP require final design, engineering, site control, and permitting before any

construction can begin. The City is seeking planning funds to begin these processes on 1-2 projects in the FRP. In the meantime, the City has cooperated with VT DEC activities to inventory project status and funding needs.

8. Identify opportunities for and provide technical assistance to property owners related to Low Impact Design Best Management Practices: **The City refers interested property owners to Friends of Northern Lake Champlain and the Blue Program.**

9. Adopt strategies to protect and regulate stream corridors in stormwater Impaired watersheds: **Expected in 2017**

10. Stream Flow Monitoring

The State of Vermont will undertake a joint flow monitoring program for MS4s and has released an RFP for the work.

11. Proposed Changes

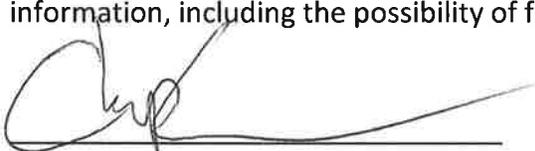
The City amended the SWMP, as required, in 2016. There are no other changes proposed to the SWMP at this time. The City will notify Vermont DEC in the event that changes are proposed.

12. Reliance on Other Entities

In order to meet MS4 permit obligations, the City relies on the Franklin County Regional Stormwater Education Program (RSEP).

13. Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted is, to the best of my knowledge and belief, true accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



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City of St. Albans, VT

3/22/17

Date

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Appendix A
Franklin County RSEP Annual Report