

**Stormwater Pollution Prevention Plan
(SWPPP) for: Wilton Public and Gregg-Free
Library**

7 Forest Road, Wilton N.H.

EPA NPDES Permit Number NHR041000

Stormwater Pollution Prevention Plan
for
Wilton Public and Gregg-Free Library

Section 1: Stormwater Pollution Prevention Plan Overview

This Stormwater Pollution Prevention Plan (SWPP) does the following:

- Identifies the SWPPP team, by name and title
- Describes the facility, with information on location and activities, a site map, and a description of the stormwater drainage system;
- Identifies potential stormwater contaminants
- Describes stormwater management control and best management practices (BMPs) needed to reduce pollutants in stormwater discharges
- Describes the facility's monitoring plan

Section 2: Stormwater Management Program Team

Stormwater Program Coordinator:

Position/Title:

Jane Nikander
Library Director
603-654-2581
janen@wiltonlibrarynh.org

SWMP Team:

Position/Title:

Nick Germain
Town Administrator
603-652-3299
WiltonTA@wiltonnh.gov

Position/Title:

Mike Tatro
DPW Director
603-654-6602
highway@wiltonnh.gov

Section 3: Site Description

The structure is 2 ½ stories in height, comprising a basement, main level and second level. The building is symmetrical in plan and elevation, basically rectangular (45' x 65') in configuration with a front projecting pedimented entrance portico. One-half of the basement level is above grade, visually defined by a granite base of regular bond. The lower level (basement) consists of meeting rooms, a stack room and a mechanical room for the heating plant. The upper level (second floor) contains a large meeting room and historic rooms. The library has patron/employee parking at the top of the hill and outdoor seating with picnic tables. The facility is open to the public, and patrons of the library can depend on the library as a resource center for education, learning, and community.

A map of the facility is included as [Attachment 1](#) of this SWPPP. The map identifies key buildings and sites, the location of all known floor drains that tie into the stormwater drainage system, stormwater outfalls, and their receiving waters.

Table 3-1 includes a list of activities that occur at the facility and the potential pollutants that may be associated with each activity.

Table 3-1: Facility activity list and potential pollutants associated with each activity.

Activity #	Description	Potential Pollutants
1	Public Parking	Fluid leaks (gas, oil) from cars
2	Runoff from Roof	Bacteria
3	Power Washing of Walkway	Salt, Bacteria
4		
5		

Section 4: Implementation

This section describes practices that are in place or that will be implemented to control pollutants that have the potential to contaminate stormwater. The following sub-sections describe the relevant management practices that will be implemented as identified in Section 2.3.7.2 (iv) in the MS4 permit. Unless otherwise stated, all measures will be implemented to be consistent with the schedule required in the MS4 permit, or no later than the end of year 5 of the permit if not otherwise described.

Section 4.1: Minimize or Prevent Exposure

Permit Language: The permittee shall to the extent practicable either locate materials and activities inside, or protect them with storm-resistant coverings in order to prevent exposure to rain, snow, snowmelt and runoff (although significant enlargement of impervious surface area is not recommended). Materials do not need to be enclosed or covered if stormwater runoff from affected areas will not be discharged directly or indirectly to surface waters or to the MS4 or if discharges are authorized under another NPDES permit.

The site-specific practices will be implemented to minimize or prevent exposure of pollutants to stormwater runoff:

- Front walkway is closed during winter to minimize use of salting for de-icing
- The main walking ramp is heated during winter to minimize use of salting for de-icing
- Stormwater drains are surrounded by rip rap rocks to slow/minimize pollutants into drains
- Rain gardens are placed at bottom of slope to slow stormwater pollutants from parking lot at top of hill

Section 4.2: Good Housekeeping

Permit Language: The permittee shall keep clean all exposed areas that are potential sources of pollutants, using such measures as sweeping at regular intervals. Ensure that trash containers are closed when not in use, keep storage areas well swept and free from leaking or damaged containers; and store leaking vehicles needing repair indoors.

The following list describes good housekeeping practices followed at this facility:

- Storm drain swales will be regularly cleaned to ensure there is no excess leaves going into them
- The facility shall be swept at least annually, or more as-needed, to minimize sediment and associated pollutants from entering the stormwater drainage system;
- Leaves in lawn are gathered by a bag during grass mowing and disposed of at a storage pile in the local cemetery (by Wilton Public Works)

- Spillage of chemicals or sewage will be promptly cleaned and reported as required
- Grass clippings from mowing the lawn are gathered and disposed of at a storage pile at the local cemetery (by Wilton Public Works)

Section 4.3: Preventative Maintenance

Permit Language: The permittee shall regularly inspect, test, maintain, and repair all equipment and systems to avoid situations that may result in leaks, spills, and other releases of pollutants in stormwater to receiving waters. Inspections shall occur at a minimum once per quarter.

The following is a list of preventative maintenance procedures practiced at this facility:

- Drainage swales are kept clear of leaves and debris
- All materials, waste storage areas, drains, tanks, and cans are properly labeled.

Section 4.4: Spill Prevention and Response

Permit Language: *The permittee shall minimize the potential for leaks, spills, and other releases that may be exposed to stormwater and develop plans for effective response to such spills if or when they occur.* See Section 2.3.7.2 (iv) in the MS4 permit for additional details.

There are no materials at this facility that would have potential for leaks, spills or other releases.

Section 4.5: Erosion and Sediment Control

Permit Language: *The permittee shall use structural and non-structural control measures at the facility to stabilize and contain runoff from exposed areas and to minimize or eliminate onsite erosion and sedimentation. Efforts to achieve this may include the use of flow velocity dissipation devices at discharge locations and within outfall channels where necessary to reduce erosion.*

Table 4.5-1 lists potential site erosion areas and measures that will be implemented.

Location #	Description	Erosion Control Measures
1	Sloped area from parking lot	Seed unvegetated areas, vegetated swale to slow stormwater runoff, riprap rocks at the bottom of slope surrounding the storm drains
2	Sloped area from front of building to street	Create riprap or vegetated sediment trap at stormwater discharge points, rain garden at top of slope to aid in runoff management
3		

Section 4.6: Management of Runoff

Permit Language: *The permittee shall manage stormwater runoff from the facility to prevent or reduce the discharge of pollutants. This may include management practices which divert runoff from areas that are potential sources of pollutants, contain runoff in such areas, or reuse, infiltrate or treat stormwater to reduce the discharge of pollutants.*

The following management practices for runoff are used at this facility:

- Drainage swales are surrounded by riprap pads to slow pollutants into stormwater drains
- Runoff from the parking lot goes into a vegetated rain garden which is lined by rocks to help

- mitigate pollutant runoff
- Impervious areas are uncurbed where practical to encourage sheet flow runoff to vegetated areas
- Grassed swale with rock check dams slows pollutant runoff from sloped residential area at side of property

Section 4.7: Salt Storage Piles

Permit Language: *For storage piles of salt or piles containing salt used for deicing or other purposes (including maintenance of paved surfaces) for which the discharge during precipitation events discharges to the permittee's MS4, any other MS4 or to a Water of the United States, the permittee shall prevent exposure of the storage pile to precipitation by enclosing or covering the storage piles. Such piles shall be enclosed or covered within two (2) years of the permit effective date. The permittee shall implement appropriate measures (e.g., good housekeeping, diversions, containment) to minimize exposure resulting from adding to or removing materials from the pile. The permittee is encouraged to store piles in such a manner as not to impact surface water resources, ground water resources, recharge areas, and wells.*

This facility stores and loads/unloads salt in an off-site covered facility to minimize the runoff exposure to any salt stockpiles.

Section 4.8: Employee Training

Permit Language: *The permittee shall regularly train employees who work in areas where materials or activities are exposed to stormwater, or who are responsible for implementing activities identified in the SWPPP (e.g., inspectors, maintenance personnel), including all members of the Pollution Prevention Team. Training shall cover both the specific components and scope of the SWPPP and the control measures required under this Part, including spill response, good housekeeping, material management practices, any best management practice operation and maintenance, etc. EPA recommends annual training.*

Key staff will be regularly trained on stormwater related topics such as: stormwater system maintenance practices, good housekeeping measures, and other key topics.

Wilton will retain records on employee training including:

- The training date, title, and duration;
- Municipal attendee list;
- Subjects covered during training.

Section 4.9: Maintenance of Control Measures

Permit Language: *The permittee shall maintain all control measures, required by this permit in effective operating condition. The permittee shall keep documentation onsite that describes procedures and a regular schedule for preventative maintenance of all control measures and discussions of back-up practices in place should a runoff event occur while a control measure is off-line. Nonstructural control measures shall also be diligently maintained (e.g., spill response supplies available, personnel trained).*

The following is a list of stormwater control measure maintenance procedures practiced at this facility:

- All control measures required by this permit will be maintained in effective operating condition;
- This SWPPP will be supplemented by on-site documentation describing maintenance procedures and a schedule outlining preventative maintenance of all control measures;

- Wilton will work to develop backup procedures and practices in case a runoff event occurs while a control measure is offline.

Section 5.0: Inspection and Record Keeping

Section 5.1: Site Inspections

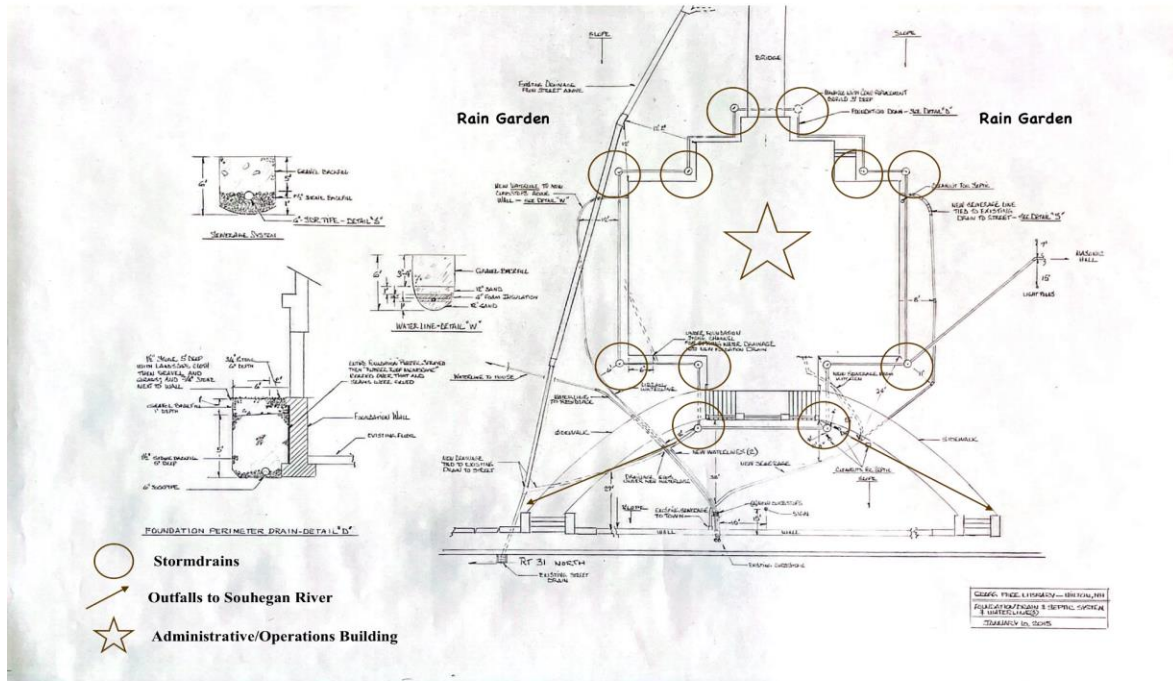
Wilton will conduct biannual (Jan-July, July-December) inspections of the facility that will cover all areas exposed to stormwater, and all stormwater control measures. At least one of the inspections during a period when stormwater discharge is occurring. Additional inspections will occur on an as-needed basis if significant activities are exposed to stormwater. The inspections will contain the information included in Attachment 2, an example site inspection form.

If control measures are discovered to need repair or be ineffective, whether as part of a routine inspection or otherwise, Wilton will repair or replace them as soon as practicable, and preferably before the next storm event.

Section 5.2: Record Keeping

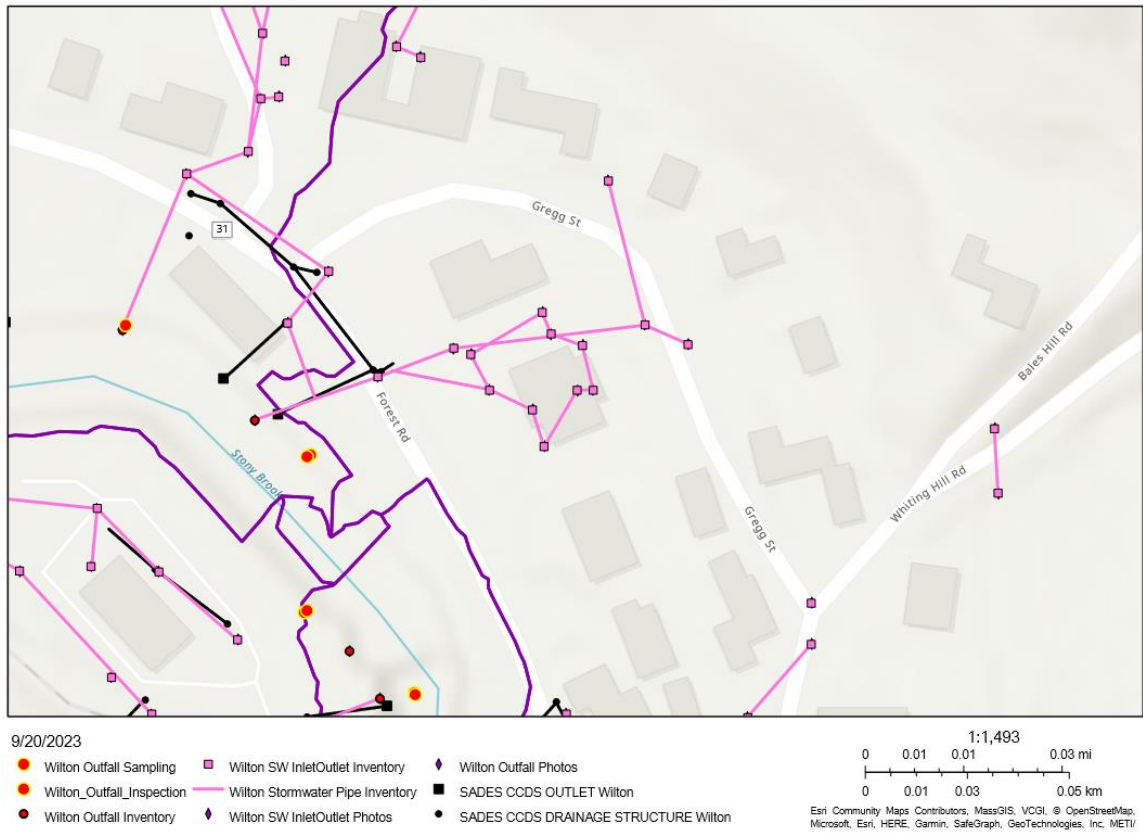
Wilton will maintain records of all maintenance, inspection, training, and other activities required by Section 2.3.7.2 of the MS4 permit. Records will be maintained for at least five (5) years, as required by Section 4.2.1 of the MS4 Permit.

Attachment 1: Facility site map identifying key buildings and sites, the location of all known floor drains that tie into the stormwater drainage system, stormwater outfalls, and their receiving waters.



Scanned with CamScanner

Stormwater_Map



Attachment 2: Example Facility Site Inspection Form

Facility Name: _____

Facility Address: _____

Inspection Date: _____ Inspection Time: _____

Inspector(s): _____

Weather: _____

Stormwater Discharge Description, if any (circle one): None Light Moderate Heavy

Stormwater discharge notes, if any: _____

Have any previously unidentified discharges been identified as part of this inspection? Yes / No

If yes, describe: _____

Are any control measures in need of maintenance or repair? Yes / No

If yes, describe: _____

Did you identify any failed control measures that need replacement as part of this inspection? Yes / No

If yes, describe: _____

Are any changes to the SWPPP needed based on this inspection? Yes / No

If yes, describe: _____

Please scan and save a copy of this inspection file and keep the hard copy on-site at least five (5) years after the inspection date.