

TOWN OF New Milford



CONNECTICUT

DRAFT

STORMWATER MANAGEMENT PLAN

July 2017

This plan is based on a template originally created by Western Connecticut Council of Governments staff and modified for statewide use by staff from UConn Center for Land use Education and

Table of Contents

INTRODUCTION	3	6.2	IMPLEMENT MS4 PROPERTY AND OPERATIONS MAINTENANCE	20		
SMP STRUCTURE.....	3	6.3	IMPLEMENT COORDINATION WITH INTERCONNECTED MS4s .	22		
AREA SUBJECT TO THE PLAN.....	3	6.4	DEVELOP AND IMPLEMENT A PROGRAM TO CONTROL OTHER	SOURCES OF POLLUTANTS TO THE MS4.....	22	
SMP DEVELOPMENT	4	6.5	EVALUATE ADDITIONAL MEASURES FOR DISCHARGES TO	IMPAIRED WATERS	22	
ANNUAL REPORTING	4	6.6	TRACK PROJECTS THAT DISCONNECT DCIA.....	23		
DESCRIPTION OF MUNICIPALITY	4	6.7	DEVELOP AND IMPLEMENT AN INFRASTRUCTURE REPAIR,	REHABILITATION AND RETROFIT PROGRAM	23	
ASSURANCES.....	6	6.8	DEVELOP AND IMPLEMENT PLAN TO IDENTIFY AND PRIORITIZE	RETROFIT PROJECTS.....	23	
(1) PUBLIC EDUCATION AND OUTREACH	7	6.9	DEVELOP AND IMPLEMENT STREET SWEEPING PROGRAM	23		
1.1 IMPLEMENT PUBLIC EDUCATION PROGRAM.....	7	6.10	DEVELOP AND IMPLEMENT CATCH BASIN CLEANING PROGRAM	24		
1.2 ADDRESS EDUCATION AND OUTREACH FOR POLLUTANTS OF	8	6.11	DEVELOP AND IMPLEMENT SNOW MANAGEMENT PRACTICES .	25		
CONCERN	8	6.12	IMPACT OF POLLUTION PREVENTION AND GOOD	HOUSEKEEPING ON ENDANGERED OR THREATENED SPECIES TO BE	CONSIDERED.....	25
(2) PUBLIC INVOLVEMENT AND PARTICIPATION	10	6.13	IMPACT OF POLLUTION PREVENTION AND GOOD	HOUSEKEEPING ON AQUIFER PROTECTION AREAS TO BE CONSIDERED. 25		
2.1 COMPLY WITH PUBLIC NOTICE REQUIREMENTS FOR THE	10	6.13	IMPACT OF POLLUTION PREVENTION AND GOOD	HOUSEKEEPING ON LANDS LOCATED WITHIN A CONSERVATION OR	PRESERVATION RESTRICTION AREA.....	26
STORMWATER MANAGEMENT PLAN AND ANNUAL REPORTS.....	10			STORMWATER MANAGEMENT PLAN SIGNATURE	28	
(3) ILLICIT DISCHARGE DETECTION AND ELIMINATION ..	11			STORMWATER MANAGEMENT PLAN ENGINEERING CERTIFICATION	29	
3.2 DEVELOP LIST AND MAP OF ALL MS4 OUTFALLS AND	11					
INTERCONNECTIONS IN PRIORITY AREAS	11					
3.3 DEVELOP CITIZEN REPORTING PROGRAM	12					
3.4 ESTABLISH LEGAL AUTHORITY TO PROHIBIT ILLICIT DISCHARGES	12					
3.7 DETAILED MS4 INFRASTRUCTURE MAPPING	13					
(4) CONSTRUCTION SITE STORMWATER RUNOFF	14					
CONTROL.....	14					
4.1 IMPLEMENT, UPGRADE AND ENFORCE LAND USE REGULATIONS	14					
TO MEET REQUIREMENTS OF MS4 GENERAL PERMIT	14					
4.2 DEVELOP AND IMPLEMENT PLAN FOR INTERDEPARTMENTAL	14					
COORDINATION OF SITE PLAN REVIEW AND APPROVAL	14					
4.3 REVIEW SITE PLANS FOR STORMWATER QUALITY CONCERNS..	15					
4.4 CONDUCT SITE INSPECTIONS.....	15					
4.5 IMPLEMENT PROCEDURE TO ALLOW PUBLIC COMMENT ON SITE	15					
DEVELOPMENT	15					
4.6 IMPLEMENT PROCEDURE TO NOTIFY DEVELOPERS ABOUT DEEP	15					
CONSTRUCTION STORMWATER PERMIT	15					
(5) POST-CONSTRUCTION STORMWATER MANAGEMENT	17					
IN NEW DEVELOPMENT OR REDEVELOPMENT	17					
5.1 UPDATE LEGAL AUTHORITY AND GUIDELINES REGARDING LID	17					
AND RUNOFF REDUCTION IN SITE DEVELOPMENT PLANNING	17					
5.2 IMPLEMENT LONG-TERM MAINTENANCE PLAN FOR	18					
STORMWATER BASINS AND TREATMENT STRUCTURES	18					
5.3 DIRECTLY CONNECTED IMPERVIOUS AREA (DCIA) MAPPING	18					
5.4 ADDRESS POST-CONSTRUCTION ISSUES IN AREAS WITH	18					
POLLUTANTS OF CONCERN.....	18					
(6) POLLUTION PREVENTION / GOOD HOUSEKEEPING ..	20					
6.1 DEVELOP AND IMPLEMENT FORMAL EMPLOYEE TRAINING	20					
PROGRAM.....	20					

Introduction

This Stormwater Management Plan (SMP) was developed by the Town of New Milford to protect water quality and reduce the discharge of pollutants from the municipality's storm sewer system to the maximum extent practicable (MEP). This SMP addresses the requirements established by the CT Department of Energy and Environmental Protection's (DEEP) General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems (MS4 General Permit). This permit is the local enforcement mechanism of the U.S. Environmental Protection Agency's (EPA) National Pollutant Discharge Elimination System (NPDES) Stormwater Phase II Rule.

"MS4" is an acronym for "Municipal separate storm sewer system", which is defined as a means of conveyances for stormwater (including roads with drainage systems, streets, catch basins, curbs, gutters, ditches, man-made channels or storm drains) owned or operated by any municipality or by any state or federal institution and discharging to surface waters of the state.

The MS4 General Permit authorizes the discharge of stormwater from or associated with the MS4, provided certain requirements are met. The permit authorizes the following non-stormwater discharges provided: the permittee controls such non-stormwater discharges to the Maximum Extent Practicable (MEP); such non-stormwater discharges do not contribute to a violation of water quality standards; and such non-stormwater discharges are document in the SMP and are not significant contributors of pollutants:

- Uncontaminated ground water discharges including, but not limited to, pumped ground water, foundation drains, water from crawl space pumps and footing drains;
- Irrigation water including, but not limited to, landscape irrigation and lawn watering runoff;
- Residual street wash water associated with sweeping;
- Discharges or flows from firefighting activities (except training);
- Naturally occurring discharges such as rising ground waters, uncontaminated ground water infiltration, springs, diverted stream flows, and flows from riparian habitats and wetlands.

SMP Structure

The plan outlines a program of best management practices (BMPs), measurable goals, responsible individuals or departments, and implementation schedules for the following six minimum control measures:

- (1) Public education and outreach
- (2) Public involvement and participation
- (3) Illicit discharge detection and elimination
- (4) Construction site stormwater runoff control
- (5) Post-construction stormwater management in new development and redevelopment
- (6) Pollution prevention/good housekeeping

Appendices to this plan include the CT DEEP General Permit for the Discharge of Stormwater from Small MS4s and a map of New Milford's impaired waterbodies.

Area Subject to the Plan

The measures identified in this SMP will be applied throughout the boundaries of the Town of New Milford except as otherwise noted and be consistent with the MS4 General Permit requirements. Stormwater discharge from municipally-owned maintenance garages, salt sheds and other facilities subject to the DEEP Industrial Stormwater General Permit will continue to be regulated under the conditions of that permit.

SMP Development

An MS4 committee consisting of Staff from the Department of Public Works, the Town Planner, the Wetlands Enforcement Officer, and the Zoning Enforcement Officer was assembled to coordinate the development and implementation of the SMP.

Annual Reporting

The SMP's implementation will be tracked and documented in Annual Reports summarizing stormwater management activities carried out by the town and its partners. These reports will be submitted to DEEP on an annual basis no later than April 1.

Description of Municipality

The operator of the MS4 is the Town of New Milford. The Town of New Milford is a public entity located in the county of Litchfield, State of Connecticut. The Town of New Milford covers an area of approximately 64.4 square miles, located in Western Connecticut as shown in figure 1.



Figure 1

The Connecticut Department of Transportation (DOT) operates an MS4 on state highways located in the Town of New Milford. This system is regulated under the CT DOT's MS4 permit. Implementation of the BMPs identified in this plan will be coordinated between the Town and CT DOT.

Impaired Waters

In preparing the SMP, the CT DEEP's Water Quality Standards were reviewed in order to determine the Surface Water Quality Classifications for each watercourse in town. Certain BMP's address the watersheds containing watercourses designated as "impaired" by the CT DEEP. Table 1 shows the water quality classification for each watershed. Table 2 summarizes the water bodies within or that run through the municipality that are listed on the 2014 List of Connecticut Water Bodies not meeting water quality standards and are designated as "impaired".

TABLE 1 Water Quality Surface Classifications New Milford, CT			
Drainage Basin Number	Name	Surface Water Quality Classification	Impaired per Water Quality Standards
6000	Housatonic Main Stem	B	Yes
6600	Still River	B	Yes
6400	Candlewood Lake	B*	No
6502	East Aspetuck River	A	No
6500	West Aspetuck River	AA	No
6700	Shepaug River	AA	No
6017	Morrissey Brook	AA	No
6016	Womenshenuk Brook	A	No
6501	Merryall Brook	AA	No

TABLE 2 New Milford Impaired Waterbody					
Waterbody ID	Water Segment Description	Water Segment Length (miles)	Impaired Use	Pollutant	Cause/Potential Source
Housatonic River 6000-00-03 6000-00-04	Ten Mile River to Still River	13.1 Miles in New Milford	Fish Consumption Recreation in portions	impervious cover, Escherichia coli, PCBs, debris, floatables, trash	Urban Runoff/Stormwater runoff, illicit discharge, permit source, failing septic system, nuisance wildlife/pets, Impervious Surfaces, oil and grease from automobiles, Agricultural land use activities such as fertilizer and manure from livestock, sediment from construction activities.
Lake Lillinonah 6000-00-05 Water Quality B	Lake Lillinonah	2.2 miles in New Milford			
Still River 6600-00-01 Water Quality B	Limekiln Brook to Mouth	3.5 miles	Habitat for Fish, Other Aquatic Life and Wildlife Recreation	Impervious cover, Escherichia coli	Unknown. Potential sources include industrial point source discharge, illicit discharge, landfills, remediation sites, groundwater.

The surface water classifications currently assigned to watercourses/lakes located in the Town of New Milford are defined below.

Class A

Surface water is known or presumed to meet Water Quality Criteria which support designated uses, which may include potential drinking water supply; fish and wildlife habitat; recreational use; agricultural, industrial supply and other legitimate uses, including navigation.

Class AA

Designated uses include existing or proposed drinking water supply, fish and wildlife habitat, recreational use (may be restricted), agricultural and industrial supply.

Class B

Designated uses are habitat for fish and aquatic life and wildlife; recreation; navigation; and industrial and agricultural water supply.

Class B*

Applicable to Candlewood Lake, is a subset of Class B and is identical in all ways to the designated uses, criteria and standards for Class B waters except for the restriction on direct discharges.

Based on the DEEP Surface Water Quality Classifications, the Housatonic River and the Still River are identified as the surface waters that should take the highest priority in the Town of New Milford's efforts to address stormwater impacts. This was taken into consideration as the BMPs were developed.

Assurances

Endangered or Threatened Species – Implementation of this SMP will not threaten the continued existence of any species listed pursuant to section 26-306 of the CGS as endangered or threatened and will not result in the destruction or adverse modification of habitat designated as essential to such species unless otherwise exempted by Federal Statute.

Aquifer Protection Area – Any activity, if it is located within an aquifer protection area as mapped under CGS section 22a-354b, will comply with regulations adopted pursuant to CGS section 22a-354i.

New or Increased Discharges to High Quality Waters – On or before thirty days prior to the commencement of a new or increased discharge to a High Quality Waters from its MS4, the permittee shall document compliance with the Connecticut Anti-Degradation Implementation Policy in the Water Quality Standards, as amended.

New or Increased Discharges to Impaired Waters - There shall be no increased discharges from the MS4 to impaired waters unless it is demonstrated that there is no net increase in the loading by the MS4 to the impaired water of the pollutant for which the water body is impaired.

(1) Public Education and Outreach

This minimum control measure outlines a program to communicate common sources of stormwater pollution and the impacts of polluted stormwater to the public. This will be done through distributing educational materials to the community and conducting outreach activities. The following BMPs and implementation schedule serve as New Milford's MS4 Public Education Program.

Goals:

- Raise public awareness that polluted stormwater runoff is the most significant source of water quality problems;
- Motivate residents to use Best Management Practices (BMPs) that reduce polluted stormwater runoff; and
- Reduce polluted stormwater runoff in town as a result of increased awareness and utilization of BMPs.

1.1 Implement public education program

New Milford will collect and distribute stormwater educational materials that, at a minimum, address the impacts of the following on water quality: pet waste, nuisance waterfowl, improper disposal of grass clipping and leaf litter, impervious cover, application of fertilizers, pesticides, and herbicides, and illicit discharges and improper disposal of wastes into the MS4.

The Town of New Milford website www.newmilford.org will maintain a link to a new Stormwater webpage titled "Water Smart" containing links to the following online libraries of stormwater educational materials:

1. UConn NEMO's online library <http://nemo.uconn.edu/index.htm>
2. Housatonic Valley Association online library <http://www.hvatoday.org/library/publications/>
3. Riversmart Connecticut www.riversmartct.org
4. Candlewood Lake Authority <http://www.candlewoodlakeauthority.org/protectingcandlewood>
5. Western Connecticut Council of Governments <https://westcog.org/ms4/>
6. Lake Lillinonah Authority <http://www.lakelillinonahauthority.org/index.html>
7. Connecticut Department of Public Health Septic System Operation and Maintenance Guide http://www.ct.gov/dph/lib/dph/environmental_health/environmental_engineering/pdf/Septic_Systems_101.pdf
8. Rainwater as a Resource Brochure – Rain Gardens http://media.wix.com/ugd/ecda6a_97da4a0873b446a8b48b76a947efa44e.pdf

The New Milford Town website www.newmilford.org will also maintain a link/email address on the "Water Smart" stormwater webpage to allow the public to quickly and easily report illicit discharge or other stormwater concerns.

The New Milford Land Use Departments and the Department of Public Works will make available and distribute the following materials to permittees and the public: River Smart Resource Kit, Septic Care and Maintenance Pamphlet, MS4 Stormwater Pamphlet. These pamphlets will be available at the Town Hall and the Department of Public Works.

Additional targeted outreach efforts will be completed by the Public Works and Land Use Departments to educate students, farmers, businesses, developers and homeowners on particular aspects of stormwater management. Guest speakers will be brought in to discuss LID techniques with Town Staff, Land Use Commissioners, Developers and Engineers.

The Town of New Milford Department of Public Works, Land Use Departments, Health Department, the Parks and Recreation Department and the Board of Education Facilities Management Department will coordinate with HVA, the Northwest Conservation District, the Lake Lillinonah Authority, the Candlewood Lake Authority, the Youth Agency at Sullivan Farm, the Pratt Center and the New Milford Forest and Farmland Preservation Committee to insure that all required topics listed in this plan are covered and tracked on an annual basis.

Annual outreach activities include Household Hazardous Waste Disposal Day and Candlewood Lake Cleanup Day.

The Town will also participate in the required Public Notification Program. This Stormwater Management Plan will be posted on the Town Water Smart webpage, and each annual report will also be posted on the Water Smart webpage.

1.2 Address education and outreach for pollutants of concern

The Town of New Milford will distribute information on common sources of phosphorus, nitrogen, bacteria, and mercury pollution and how to prevent or reduce the amount reaching the MS4 and discharging into waterways.

The table below shows additional topics to be covered to address the phosphorus, nitrogen, bacteria, and mercury impairments that exist in New Milford.

Phosphorus	Nitrogen	Bacteria	Mercury
Septic systems	Septic systems	Septic systems	Thermometers
Fertilizer use	Fertilizer use	Sanitary cross connections	Thermostats
Grass clippings and leaves management	Grass clippings and leaves management	Waterfowl	Fluorescent lights
Detergent use	Discharge of sediment (to which Nitrogen binds) from Construction sites	Pet waste	Button cell batteries
Discharge of sediment (to which Phosphorus binds) from Construction sites	Other erosive surfaces	Manure piles associated with livestock and horses	Thermometers
Other erosive surfaces			

Public outreach and education schedule

BMP	Lead department / individual	Month / year of implementation	Measurable goal
Implement public education program	Town Planner	July 1, 2018 and continue until permit expires	Record date of program
Address education/outreach for pollutants of concern. Work with Parks and Recreation Department and Board of Education Facilities Department.	Town Planner	July 1, 2018 and continue until permit expires	Record types and dates of materials distributed.
Educate Farmers Coordinate with Farmland Preservation Committee	Town Planner	July 2018 and until permit expires	Record dates of meetings with committee. Record efforts of their outreach.
LID Presentation to Land Use Commissioners, Town Staff, Developers	Town Planner	July 1, 2018 and continue until permit expires	Record date of presentations
Educate Future Farmers Work with Youth Agency Staff at Sullivan Farm	Youth Agency	July 1, 2018 and continue until permit expires	Record dates and types of outreach.

(2) Public Involvement and Participation

This minimum control measure identifies the process for public involvement and participation in the town’s stormwater management efforts.

Goals:

- Involve the community in planning and implementing the town’s stormwater management activities.
- Provide a minimum 30 day notice to the public for this plan and annual reports.

2.1 Comply with public notice requirements for the Stormwater Management Plan and Annual Reports

The Town of New Milford will publish a public notice on its website (www.newmilford.org) on the Water Smart webpage as well as contact local newspaper to provide publicity. The notice will provide a contact name, phone number, address, and email to whom the public can send comments. Additionally, this plan and the Annual Reports will be publicly accessible on the web www.newmilford.org on the Water Smart webpage and in New Milford town hall. The public notice will allow for a 30-day comment period, at a minimum.

Public involvement and participation schedule

BMP	Lead department / individual	Month / year of implementation	Measurable goal
Comply with public notice requirements for the SMP and Annual Reports	Planning Department	July 1, 2017 and continue until permit expires	Record dates of postings.

(3) Illicit Discharge Detection and Elimination

This minimum control measure outlines a program to detect and eliminate current illicit discharges to the MS4 and prevent further illicit discharges in the future. All activities for this measure will be completed in New Milford's priority areas (urbanized area, catchment areas with directly connected impervious area (DCIA) > 11%, and outfalls that discharge to impaired waters).

Goal:

Find the source of any illicit discharges; eliminate those illicit discharges; and ensure ongoing screening and tracking to prevent and eliminate future illicit discharges.

Illicit Discharge means any unpermitted discharge of waters to the state that does not consist entirely of stormwater or uncontaminated ground water except those discharges identified in Section 3(a)(2) of this general permit when such non-stormwater discharges are not significant contributors of pollution to a discharge from an identified MS4.

3.1 Develop written IDDE plan

The Town of New Milford will develop a written IDDE plan to detect, locate and eliminate illicit discharges (to the maximum extent practicable) from the MS4 within New Milford's priority areas.

The IDDE plan will provide the following components:

- a. enforceable legal authority to eliminate illicit discharges;
- b. assign responsibilities;
- c. develop a citizen reporting program;
- d. outline the outfall screening and IDDE protocols consistent with Appendix B of the MS4 General Permit;
- e. identify, prioritize, and investigate MS4 catchments for suspected illicit discharge of pollutants;
- f. outline follow-up screening and illicit discharge prevention procedures.

3.2 Develop list and map of all MS4 outfalls and interconnections in priority areas

The Town of New Milford will develop a database of all stormwater discharges from a pipe or conduit located within and owned or operated by the municipality and all interconnections with other MS4s. Each entry will include:

- a. Type, material, size, shape and location (identified with a latitude and longitude) of conveyance, outfall or channelized flow (e.g. 24" concrete pipe);
- b. the name, water body ID and Surface Water Quality Classification of the immediate surface waterbody or wetland to which the stormwater runoff discharges;
- c. if the outfall does not discharge directly to a named waterbody, the name and water body ID of the nearest named waterbody to which the outfall eventually discharges;
- d. the name of the watershed, including the subregional drainage basin number (available from CT ECO at www.cteco.uconn.edu) in which the discharge is located;
- e. date of most recent inspection of the outfall, the condition, and any indicators of potential non-stormwater discharges as of most recent inspection;

The database will be exported into excel format for annual reports.

3.3 Develop citizen reporting program

The Town of New Milford will establish a system to allow for citizen reporting of suspected illicit discharges into the stormwater system. The Town currently uses a system called Q-Send which is a direct link on the town's website home page where an issue can be reported. This information is transmitted to the Department of Public Works, who logs the issue and investigates. We will also include information on our Water Smart webpage outlining how to report illicit discharge with an email contact and phone number. The Town of New Milford will affirmatively investigate and eliminate any illicit discharges for which a time and location of discharge are provided. The Town of New Milford will promptly inspect the reported outfall or manhole and proceed according to the requirements of the written IDDE program. All citizen reports and responses will be included in the Town of New Milford's annual report.

3.4 Establish legal authority to prohibit illicit discharges

The Town of New Milford will establish the necessary and enforceable legal authority by statute, ordinance, rules and regulations, permit, easement, contract, order or any other means, to eliminate illicit discharges. The authority will:

- a. prohibit illicit discharges to its storm sewer system and require removal of such discharges consistent with the deadlines outlined in the MS4 general permit; and
- b. authorize the investigation of suspected illicit discharges and elimination of illicit discharge, including from properties not owned or controlled by the MS4 that discharge to the MS4
- c. control the discharge of spills and prohibit the dumping or disposal of materials including, but not limited to, residential, industrial and commercial wastes, trash, used motor vehicle fluids, pesticides, fertilizers, food preparation waste, leaf litter, grass clippings, and animal wastes into its MS4; and
- d. authorize appropriate enforcement procedures and actions;
- e. authorize fines or penalties and/or recoup costs incurred by the permittee from anyone creating an illicit discharge or spilling or dumping.

3.5 Develop record keeping system for IDDE tracking

The Town of New Milford will keep a record of illicit discharge abatement activities including location (including latitude and longitude or address), description, date(s) of inspection, sampling data (if applicable), action(s) taken, date of removal or repair and responsible party.

In addition, the Town of New Milford will develop and maintain an SSO(storm sewer outlet) inventory that records the location, date and time of occurrence, estimated volume of discharge, a description of known or suspected cause, and details about mitigating measures including dates of implementation.

This inventory will also:

- include all known SSOs to their MS4 in the past 5 years (July 1, 2012 – June 30, 2017);
- continue to be updated to track future SSOs; and
- Include in Annual Reports.

3.6 Address IDDE in areas with pollutants of concern

The Town of New Milford Health Department will identify which areas in town are most likely to contribute nitrogen, phosphorus, and bacteria to the MS4. This assessment will consider: historic on-site sanitary system failures, proximity to bacterial impaired waters, low infiltrative soils, and shallow groundwater. Any areas determined to have a high potential for septic system failure will be reported to the Health Department for corrective action.

3.7 Detailed MS4 infrastructure mapping

The Town of New Milford will continue to develop a detailed map of the MS4 to include:

- Components of the MS4 within priority areas:
 - Outfalls & receiving waters;
 - Pipes; open channel conveyances; catch basins; manholes;
 - Interconnections with other MS4s and other storm sewer systems;
 - Municipally-owned stormwater treatment structures (e.g. detention & retention ponds, infiltration systems, bioretention areas, water quality swales, gross particle separators, oil/water separators, or other systems);
 - Catchment delineations for each outfall;
 - Impaired water bodies identified by name and use impairment as defined by the most recent integrated water quality report;
 - Municipal sanitary sewer system (if available);
 - Municipal combined sewer system (if applicable).

The Town of New Milford will update the map as new information becomes available and will report on the progress of the development of this map in the annual report.

Illicit discharge detection and elimination schedule

BMP	Lead department / individual	Month / year of implementation	Measurable goal
Develop written IDDE program	Land Use/DPW	July 1, 2018	Plan prepared and implemented
Develop list and maps of all MS4 stormwater outfalls in priority areas	Planning and Engineering	July 1, 2019	Map completed
Develop citizen reporting program	Planning and Engineering	July 1, 2018	Program implemented
Establish legal authority to prohibit illicit discharges	Planning	July 1, 2018	Ordinance established
Develop record keeping system for IDDE tracking	Planning and Engineering	July 1, 2017	System in place
Address IDDE in areas with pollutants of concern	Planning, Health	July 1, 2017	Inspection Report and statement of investigation
Detailed MS4 infrastructure mapping	Planning and Engineering	July 1, 2020	Mapping completed
Complete list and maps of all MS4 stormwater outfalls throughout municipality.	Planning and Engineering	July 1, 2022	Mapping Completed

(4) Construction Site Stormwater Runoff Control

This minimum control measure outlines procedures for minimizing polluted stormwater runoff from activities that disturb one or more acres of land. In the Town of New Milford this is determined on a site by site basis.

Goal:

Minimize polluted stormwater runoff from construction sites and prevent it from carrying sediment into waterways via MS4 infrastructure.

4.1 Implement, upgrade and enforce Land Use Regulations to meet requirements of MS4 general permit

The Town of New Milford will review its land use regulations to reevaluate the legal authority to control stormwater runoff from construction sites by requiring:

- a. developers, construction site operators, or contractors maintain consistency with the 2002 Guidelines for Soil Erosion and Sedimentation Control, as amended, the Connecticut Stormwater Quality Manual, and all stormwater discharge permits issued by the DEEP within the municipal or institutional boundary pursuant to CGS 22a-430 and 22a-430b;
- b. the implementation of additional measures to protect/improve water quality (in addition to the above requirements) as deemed necessary by the Town of New Milford;
- c. The Town of New Milford is authorized to carry out all inspection, surveillance and monitoring procedures necessary to determine compliance with municipal regulations, ordinances or programs or institutional requirements related to the management of New Milford's MS4. Inspections shall be conducted, where allowed, to inventory the number of privately-owned retention ponds, detention ponds and other stormwater basins that discharge to or receive drainage from the permittee's MS4;
- d. the owner of a site seeking development approval from the Town of New Milford shall provide and comply with a long term maintenance plan and schedule to ensure the performance and pollutant removal efficiency of privately-owned retention ponds, detention ponds and other stormwater basins that discharge to or receive discharge from New Milford's MS4 including short-term and long-term inspection and maintenance measures to be implemented by the private owner; and
- e. The Town of New Milford will control, through interagency or inter-jurisdictional agreements, the contribution of pollutants between the permittee's MS4 and MS4s owned or operated by others.

4.2 Develop and implement plan for interdepartmental coordination of site plan review and approval

New Milford's plan to coordinate the functions of all the departments and boards involved in the review, permitting, or approval of land disturbance projects is as follows:

All projects are first submitted to the Inland Wetlands Agent. They are then reviewed by the Zoning Enforcement Officer and the Health Department and Town Engineer as necessary. The Town currently uses Viewpermit Software. We are currently working with our IT Department to add additional signoff capability for the Department of Public Works so there is better coordination for driveway permits, as well as the Health Department so there is better coordination regarding approvals of new and repair septic systems.

4.3 Review site plans for stormwater quality concerns

The Town of New Milford will continue to review site plan applications and continue to consider stormwater controls and management practices to prevent or minimize impacts to water quality on sites with soil disturbance of one acre or more. The Town of New Milford will also continue to conduct site inspections to assess the adequacy of the installation, maintenance, operation, and repair of construction and post construction control measures and take enforcement action when necessary.

4.4 Conduct site inspections

The Town of New Milford will continue to perform construction site inspections and take enforcement actions if necessary to ensure the adequacy of the installation, maintenance, operation, and repair of all construction and post-construction runoff control measures.

4.5 Implement procedure to allow public comment on site development

The Town of New Milford's procedure for public involvement in proposed and ongoing development and land disturbance activities is as follows:

The New Milford Zoning Commission and Inland Wetlands and Watercourses Commission often hold public hearings on projects of public interest. Applications for projects that require a public hearing require actual notice to abutting property owners, notices in the newspaper and posting of signs on the subject property. The public then has the opportunity to comment at a hearing or in writing.

Information submitted by the public regarding ongoing development may be submitted to the Department of Public Works, Zoning, Inland Wetlands, Health or the Mayor's Office. Depending on the details of the information, one or more departments will investigate and respond.

4.6 Implement procedure to notify developers about DEEP construction stormwater permit

The Town of New Milford will continue to notify developers and contractors of their potential obligation to obtain authorization under DEEP's General Permit for the Discharge of Stormwater and Dewatering Wastewaters Associated with Construction Activities (construction general permit) if their project disturbs more than 1 acre of land and results in a point source discharge to Connecticut surface waters directly or through the New Milford MS4. The Town of New Milford will also require a copy of the Storm Water Pollution Control Plan be made available to the town on request. The procedure to notify developers of the construction general permit is as follows:

The Town of New Milford will inform developers verbally and by including a statement on all land use permit applications that they have a potential obligation to obtain authorization under the DEEP's General Permit for the Discharge of Stormwater and Dewatering Wastewaters Associated with Construction Activities ("construction general permit") if their development or redevelopment project disturbs one or more acres of land, either individually or collectively, as part of a larger common plan, and results in a point source discharge to the surface waters of the state directly or through the permittee's MS4. The notification shall include a provision informing the

developer/ contractor of their obligation to provide a copy of the Storm Water Pollution Control Plan (required by the construction general permit) to the permittee upon request.

The contractor is required at all times to conduct his operations in conformity with all Federal and State permit requirements concerning water, air, noise pollution and the disposal of contaminated, or hazardous materials.

Construction site stormwater management schedule

BMP	Lead department / individual	Month / year of implementation	Measurable goal
Implement, upgrade and enforce land use regs to meeting MS4 permit requirements	Land Use/Town Planner	July 1, 2019	Regulation amendments and record of enforcement
Develop/implement plan for interdepartmental coordination in site plan review and approval	Land Use/Town Planner	July 1, 2017	Ensure ViewPermit is modified to include signoff areas for Driveway permits and septic systems
Review site plans for stormwater quality concerns	Land Use Wetlands/Zoning Enforcement Officer	July 1, 2017	Statements and reviews from land use staff
Conduct site inspections	Wetlands/Zoning Enforcement Officer	July 1, 2017	Record of inspections from Land Use Enforcement Officers
Implement procedure to allow public comment on site development	Town Planner	July 1, 2017	Record of public hearings
Implement procedure to notify developers about DEEP construction stormwater permit	Town Planner	July 1, 2017	Copy of revised application forms.

(5) Post-construction Stormwater Management in New Development or Redevelopment

This minimum control measure outlines the Town of New Milford's program to address stormwater runoff from new or re-development projects that disturb one or more acres of land.

Goal:

Mitigate the long-term impacts of new and re-development projects on water quality through proper use of low impact development and runoff reduction practices.

5.1 Update legal authority and guidelines regarding LID and runoff reduction in site development planning

The Town of New Milford will update the existing legal authority by ordinance, bylaw, regulation, standard condition of approval, or other means to require, to the MEP, developers and contractors seeking the town's approval to consider the use of low impact development (LID) and runoff reduction site planning and development practices that meet or exceed those LID and runoff reduction practices in the CT Stormwater Quality Manual prior to other stormwater management practices allowed in the Town of New Milford's land use regulations, guidance or construction project requirements.

Low Impact Development (LID) is defined as a site design strategy that maintains, mimics or replicates pre-development hydrology through the use of numerous site design principles and small-scale treatment practices distributed throughout a site to manage runoff volume and water quality at the source.

This legal authority will include the following standards:

- 1) for redevelopment of sites that are currently developed with Directly Connected Impervious Area (DCIA) of forty percent or more, the project must retain on-site half the water quality volume for the site, or
- 2) for new development and redevelopment of sites with less than forty percent DCIA, retain the water quality volume for the site, or
- 3) if those retention standards cannot be met, the developer will be required to provide a report indicating why the standard could not be met and a mitigation project on another property or pay a fee to fund a DCIA retrofit.

In developing this legal authority, the Town of New Milford will consider the following watershed protection elements to manage the impacts of stormwater on receiving waters:

- a. Minimize the amount of impervious surfaces (roads, parking lots, roofs, etc.) within each municipality by minimizing the creation, extension, and widening of parking lots, roads, and associated development and encourage the use of Low Impact Development or green infrastructure practices.
- b. Preserve, protect, create and restore ecologically sensitive areas that provide water quality benefits and serve critical watershed functions. These areas may include, but are not limited to; riparian corridors, headwaters, floodplains and wetlands.
- c. Implement stormwater management practices that prevent or reduce thermal impacts to streams, including requiring vegetated buffers along waterways, and disconnecting discharges to surface waters from impervious surfaces such as parking lots.

- d. Seek to avoid or prevent hydromodification of streams and other water bodies caused by development, including roads, highways, and bridges.
- e. Implement standards to protect trees, and other vegetation with important evapotranspirative qualities.
- f. Implement policies to protect native soils, prevent topsoil stripping, and prevent compaction of soils.
- g. Coordinate with state or local health officials to ensure no interference with performance of on-site septic systems.
- h. Limit turf areas.

In addition, the Town of New Milford will review its current regulations - site planning requirements, zoning regulations, street design regulations, and infrastructure specifications with minimum size criteria for impervious cover (roads, parking lots, etc.) to identify and, where appropriate, reduce or eliminate existing regulatory barriers to implementation of LID and runoff reduction practices to the MEP.

5.2 Implement long-term maintenance plan for stormwater basins and treatment structures

The Town of New Milford will develop a maintenance plan for retention / detention ponds and stormwater treatment structures that it owns or over which it holds an easement or other authority and that are located in the town's priority areas to ensure their long-term effectiveness. This plan will require an annual inspection of those retention / detention ponds and stormwater treatment structures and removal of accumulated sediment and pollutants in excess of 50% design capacity.

5.3 Directly Connected Impervious Area (DCIA) mapping

The Town of New Milford will follow guidance provided by DEEP and UConn CLEAR to calculate the Directly Connected Impervious Area (DCIA) that contributes stormwater runoff to each of its MS4 outfalls. Progress on this task will be documented in each Annual Report until completion.

5.4 Address post-construction issues in areas with pollutants of concern

For areas contributing to waters where **Nitrogen, Phosphorus** or **Bacteria** is a Stormwater Pollutant of Concern and erosion or sedimentation problems are found during the annual inspections conducted under the long-term maintenance plan described in BMP 5.2, the Town of New Milford will prioritize those areas for the DCIA retrofit program under minimum control measure 6 – Pollution Prevention/Good Housekeeping.

Post-construction stormwater management schedule

BMP	Lead department / individual	Month / year of implementation	Measurable goal
Establish or update legal authority and guidelines regarding LID and runoff reduction in site development planning	Town Planner	July 1, 2021	Revisions to Streets and Sidewalks Ordinance, revisions to Land Use Regulations
Enforce LID/runoff reduction requirements for development and redevelopment projects	Wetlands and Zoning Enforcement Officers	July 1, 2021	Will be enforced after regulations are adopted.
Implement long-term maintenance plan for stormwater basins and treatment structures	WEO/DPW	July 1, 2019	Maintenance Plan Adopted
Complete DCIA mapping	Engineering	July 1, 2020	Mapping Adopted
Address post-construction issues in areas with pollutants of concern	Wetlands and Zoning Enforcement Officers	July 1, 2019	Record of Inspections

(6) Pollution Prevention / Good Housekeeping

This minimum control measure outlines a program to mitigate the impact of town operations and maintenance on town owned and/or operated properties and the MS4 itself to water quality.

Goal:

Prevent or reduce pollutant runoff as a result of municipal operations.

The Town of New Milford will implement an operations and maintenance program to prevent or reduce pollutant runoff from town facilities and protect water quality.

6.1 Develop and implement formal employee training program

The Town of New Milford will continue its MS4 training program for town employees to increase awareness of water quality issues. Training will include:

- Standard operating procedures consistent with the MS4 general permit;
- General goals and objectives of this Stormwater Management Plan;
- Identification and reporting of illicit discharges and improper disposal; and
- Spill response protocols and responsibilities.

These trainings may also include regional or statewide trainings coordinated by UConn CLEAR or others.

The Director of Public Works with the assistance of the Administrative Aide as well as the Director of Parks and Recreation and the Assistant Director of Parks and Recreation and the Board of Education will be responsible for implementing a formal employee training program for employees associated with operations of town facilities.

6.2 Implement MS4 property and operations maintenance

Town of New Milford-owned or -operated properties, parks, and other facilities that are owned, operated, or otherwise the legal responsibility of the Town of New Milford, including school properties and the New Milford Police Department will be maintained so as to minimize the discharge of pollutants to its MS4. Such maintenance will include, but not be limited to:

(i) Parks and open space

The Town of New Milford will optimize the application of fertilizers by municipal employees, institutional staff, or private contractors on lands and easements for which it is responsible for maintenance. Optimization practices considered may include:

- conducting soil testing and analysis to determine soil phosphorus levels,
- the reduction or elimination of fertilizers,
- reduction of fertilizer usage by adhering to the manufacturers' instructions,
- use of alternative fertilizers forms (i.e. products with reduced, slow-releasing, or insoluble phosphorus compositions),
- proper storage and application practices (i.e. avoid impervious surfaces),

- application schedule (i.e. appropriate season or month) and timing (i.e. coordinated with climatic conditions to minimize runoff potential);
- standard operating practices for the handling, storage, application, and disposal of pesticides and herbicides in compliance with applicable state and federal laws;
- evaluating reduced mowing frequencies and use of alternative landscaping materials like drought resistant and native plantings;
- establish procedures for management of trash containers at parks (scheduled cleanings; sufficient number).

The Town of New Milford will establish practices for the proper disposal of grass clippings and leaves at Town of New Milford-owned lands. Clippings shall be composted or otherwise appropriately disposed. Clippings will not enter the MS4 system or waters of the state.

(ii) Pet waste management

The Town of New Milford will identify locations where inappropriate pet waste management practices are immediately apparent and pose a threat to receiving water quality due to proximity and potential for direct conveyance of waste to its storm system and waters. In such areas, the Town of New Milford will, implement targeted management efforts such as public education and enforcement (e.g. increased patrol for violators).

In Town of New Milford-owned recreational areas where dog walking is allowed, the Town will install educational signage, pet waste baggies, and disposal receptacles (or require carry-out).

The Town of New Milford will document its efforts in its annual reports. The Town should consider including information regarding the scope and extent of its education, compliance, and enforcement efforts (including the number of violations pursued and fines levied or other enforcement taken).

(iii) Waterfowl management

The Town of New Milford will identify lands where waterfowl congregate and feeding by the public occurs.

To raise awareness regarding the water quality impacts, the Town will install signage or use other targeted techniques to educate the public about the detrimental impacts of feeding waterfowl (including the resulting feces deposition) and discourage such feeding practices.

The Town of New Milford will also implement practices that discourage the undesirable congregation of waterfowl in these areas, or otherwise isolate the direct drainage from these areas away from its storm system and waters.

(iv) Town of New Milford Buildings and facilities (schools under the jurisdiction of the Town, town offices, New Milford Public Library, Police Station and other Town of New Milford-owned or operated buildings or utilities)

The Town of New Milford will:

- evaluate the use, storage, and disposal of both petroleum and non-petroleum products and ensure, through employee training, that those responsible for handling these products know proper procedures;
- ensure that Spill Prevention Plans are in place, if applicable, and coordinate with the fire department as necessary;
- develop management procedures for dumpsters and other waste management equipment;
- sweep parking lots and keep areas surrounding the facilities clean to minimize runoff of pollutants;
- ensure that all interior building floor drains are not connected to the MS4 and are appropriately permitted.

(v) Vehicles and Equipment

The Town of New Milford will

- establish procedures for the storage of Town-owned or -operated vehicles;
- require vehicles with fluid leaks to be stored indoors or in contained areas until repaired;
- evaluate fueling areas owned by the Town and used by Town owned or -operated vehicles and if possible, place fueling areas under cover in order to minimize exposure;
- establish procedures to ensure that vehicle wash waters are not discharged to the municipal storm sewer system or to surface waters;
- ensure any interior floor drains are appropriately permitted.

(vi) Leaf Management

The Town of New Milford will establish and implement procedures to minimize or prevent the deposition of leaves in catch basins, streets, parking lots, driveways, sidewalks or other paved surfaces that discharge to the MS4. Such procedures shall also apply to leaves collected by the Town of New Milford.

6.3 Implement coordination with interconnected MS4s

The Town of New Milford will coordinate with operators of interconnected MS4s (such as neighboring municipalities, institutions and DOT) regarding the contribution of potential pollutants from the storm sewer systems, contributing land use areas and stormwater control measures in the respective MS4s. This same coordination shall be conducted regarding operation and maintenance procedures utilized in the respective systems.

6.4 Develop and implement a program to control other sources of pollutants to the MS4

The Town of New Milford will develop and implement a program to control the contribution of pollutants to its MS4 from commercial, industrial, municipal, institutional or other facilities, not otherwise authorized by a CT DEEP stormwater permit.

6.5 Evaluate additional measures for discharges to impaired waters

(i) For waters for which **Nitrogen** or **Phosphorus** is a Stormwater Pollutant of Concern:

On Town of New Milford-owned or -operated lands, the Town shall implement a turf management practices and procedures policy which includes, but is not limited to, procedures for proper fertilizer application and the planting of native plant materials to lessen the amount of turf area requiring mowing and the application of chemicals. Each Annual Report will discuss the actions taken to implement this policy with an estimate of fertilizer and turf reduction.

(ii) For waters for which **Bacteria** is a Stormwater Pollutant of Concern:

On Town of New Milford-owned or -operated lands with a high potential to contribute bacteria (such as dog parks, parks with open water, sites with failing septic systems), the Town will develop, fund, implement, and prioritize a retrofit or source management program to correct the problem(s) within a specific timeframe. Each Annual Report

will identify problem areas for which a retrofit or source management program were developed, the location of the closest outfall monitored in accordance with Section 6(i), the cost of such retrofit or program, and the anticipated pollutant reduction. On Town of New Milford-owned or -operated lands, prohibit the feeding of geese or waterfowl and implement a program to manage geese and waterfowl populations. Each Annual Report will discuss the actions taken to implement this program.

6.6 Track projects that disconnect DCIA

The Town of New Milford will annually track the total acreage of Directly Connected Impervious Area (DCIA) that is disconnected from the MS4 as a result of redevelopment or retrofit projects within the town. For each retrofit/redevelopment project, the Town of New Milford will document the amount of existing DCIA that is disconnected. The total amount of disconnected DCIA will be reported each year in the Annual Report. Starting on July 1, 2021, the Town of New Milford's goal will be to reduce 1% of its total DCIA acreage per year to the maximum extent possible. The Town will provide updates on this goal in its annual report. The Town of New Milford will also incorporate all DCIA disconnections which occurred in the town since July 1, 2012 towards meeting this goal.

6.7 Develop and implement an infrastructure repair, rehabilitation and retrofit program

The Town of New Milford will continue a program to identify MS4 structures to repair, rehabilitate, or upgrade to reduce or eliminate the discharge of pollutants into water bodies. This program will be responsive to new information on outfalls discharging pollutants, impaired waters, inspections, or observations made during outfall mapping under the IDDE section of this plan.

6.8 Develop and implement plan to identify and prioritize retrofit projects

The Town of New Milford will develop a Retrofit Project Plan to identify and prioritize potential DCIA disconnection projects. Prioritization will be based on several factors, including whether the project lies within one of the MS4 priority areas (urbanized area, DCIA > 11%, discharge to impaired waters). The Town of New Milford will include in its annual report for the third year of the permit (2020-2021) its identification and prioritization process, a rationale for the selection of projects to be implemented, and the total acres of DCIA to be disconnected upon implementation. The implementation of projects in this plan will begin by June 30, 2022.

6.9 Develop and implement street sweeping program

The Town of New Milford will implement a program to provide for regular inspection and maintenance of Town of New Milford-owned or -operated streets, parking areas and other MS4 infrastructure.

The Town of New Milford currently has procedures in place for sweeping town-owned or operated streets and parking lots. All streets and parking lots within the MS4 Priority Areas will be inspected, swept and/or cleaned (as necessary) at least once per year in the spring following the cessation of winter maintenance activities (i.e. sanding, deicing, etc.). The procedures shall include more frequent inspections, cleaning and/or sweeping of targeted areas determined by the Town to have increased pollutant potential based on the presence of active construction activity or other potential pollutant sources. The Town of New Milford will identify such potential pollutant sources based upon surface inspections, catch basin cleaning or inspection results, land use, winter road deicing and/or sand application, impaired or TMDL waters or other relevant factors as determined by the Town of

New Milford. If wet dust suppression is conducted, the use of water will be minimized such that a discharge of excess water to surface waters and/or the storm sewer system does not occur.

For streets and parking lots outside the MS4 Priority Areas, including any rural uncurbed streets and parking lots with no catch basins, the Town of New Milford will either meet the minimum frequencies above, or develop and implement an inspection, documentation and targeted sweeping and/or cleaning plan for those areas by June 30, 2018 and submit such plan with its year one Annual Report. For new and redeveloped municipal parking lots, the Town of New Milford will evaluate options for reducing stormwater runoff to surface waters and/or the storm sewer system by the installing pervious pavements and/or other measures to promote sheet flow of stormwater.

- a. The Town of New Milford will ensure the proper disposal of street sweepings in accordance with DEEP policies, guidance and regulations. Sweepings shall not be discharged back into the storm drain system and/or surface waters.
- b. The Town of New Milford will document results of its sweeping program in its annual reports including: a summary of inspection results, curb miles swept, dates of cleaning, volume or mass of material collected, and method(s) of reuse or disposal. The Town of New Milford will also include documentation of any alternate sweeping plan for rural uncurbed streets and any runoff reduction measures implemented.

6.10 Develop and implement catch basin cleaning program

The Town of New Milford currently conducts routine cleaning of all catch basins and tracks catch basin inspection observations. Utilizing information compiled through its inventory of catch basins, operational staff and public complaints, the Town will optimize routine cleaning frequencies for particular structures or catchment areas as follows to maintain acceptable sediment removal efficiencies:

- a. Inspect all Town of New Milford-owned catch basins within MS4 Priority Areas at least once by June 30, 2020. Catch basins outside the MS4 Priority Areas shall be inspected by June 30, 2022.
- b. Prioritize inspection and maintenance for Town of New Milford-owned catch basins located near impaired waters and construction activities (roadway construction, residential, commercial, or industrial development or redevelopment). The Town of New Milford will clean catch basins in such areas more frequently if inspection and maintenance activities indicate excessive sediment or debris loadings.
- c. Establish a schedule such that the frequency of routine cleaning will ensure that no catch basin at any time will be more than fifty (50) percent full. A catch basin sump is more than 50 percent full if the contents within the sump exceed one half the distance between the bottom interior of the catch basin to the invert of the deepest outlet of the catch basin.
- d. If a catch basin sump is more than fifty (50) percent full during two consecutive routine inspections/cleaning events, the Town will document that finding, investigate the contributing drainage area for sources of excessive sediment loading, and to the maximum extent practicable, abate contributing sources. The Town of New Milford will describe any actions taken in its Annual Report.
- e. The Town of New Milford will detail its plan for optimizing catch basin cleaning, inspection plans, and its schedule for gathering information to develop the optimization plan in its first annual report. Documentation shall include metrics and other information used to reach the determination that the established plan for cleaning and maintenance is optimal for the MS4. The Town will keep a log of catch basins cleaned or inspected.
- f. The Town will report in each Annual Report the total number of catch basins, number inspected, number cleaned, the total volume or mass of material removed from all catch basins and, if practicable, the volume or mass of material removed from each catch basin draining to water quality limited waters.

6.11 Develop and implement snow management practices

(i) Deicing Material Management

The Town of New Milford will develop and implement standard operating practices for the use, handling, storage, application, and disposal of deicing products such as salt and sand to minimize exposure to stormwater; consider means to minimize the use and optimize the application of chloride-based or other salts or deicing product (while maintaining public safety) and consider opportunities for use of alternative materials; for any exterior containers of liquid deicing materials installed after July 1, 2017, the Town will provide secondary containment of at least 110% of the largest container or 10% of the total volume of all containers, whichever is larger, without overflow from the containment area.

(ii) Snow and Ice Control Practices

The Town of New Milford will implement and refine its standard operating practices regarding its snow and ice control to minimize the discharge of sand, anti-icing or de-icing chemicals and other pollutants (while maintaining public safety).

The Town will establish goals for the optimization of sand and/or chemical application rates through the use, where practicable, of automated application equipment (e.g. zero-velocity spreaders), anti-icing and pre-wetting techniques, implementation of pavement management systems, and alternate chemicals.

The Town will maintain records of the application of sand, anti-icing and/or de-icing chemicals to document the reduction of chemicals to meet established goals.

The Town will ensure the proper training for deicing applications for municipal employees, institutional staff, or private contractors on lands and easements for which it is responsible for maintenance.

The Town will manage and dispose of snow accumulations in accordance with DEEP's Best Management Practices for Disposal of Snow Accumulations from Roadways and Parking Lots, revised 2/4/11 and as amended (see link at: www.ct.gov/deep/stormwater).

In its Annual Report, the Town of New Milford will document results of its snow removal program including, at a minimum: the type of staff training conducted on application methods and equipment, type(s) of deicing materials used; lane-miles treated; total amount of each deicing material used; type(s) of deicing equipment used; any changes in deicing practices (and the reasons for the change); and snow disposal methods.

6.12 Impact of Pollution Prevention and Good Housekeeping on Endangered or Threatened Species to be Considered

For all infrastructure repair, rehabilitation and retrofit projects, the Town will review Natural Diversity Database Maps and comply with CGS 26-310(a) should it be determined activity will occur in an area identified as a habitat for endangered, threatened or special concern species.

6.13 Impact of Pollution Prevention and Good Housekeeping on Aquifer Protection Areas to be Considered

For all infrastructure repair, rehabilitation and retrofit projects, the Town will review Aquifer Protection mapping and comply with the provisions of the New Milford Aquifer Protection regulations should it be determined activity will occur in the Aquifer Protection District.

6.14 Impact of Pollution Prevention and Good Housekeeping on Lands located within a conservation or preservation restriction area

For all infrastructure repair, rehabilitation and retrofit projects, the Town will review Open Space mapping and comply with the provisions of CGS Section 47-42d where proof of written notice of the General Permit Registration must be given to the holder of the restriction, or a letter from the holder of such restriction verifying that this registration is in compliance with the terms of this restriction must be kept on site.

Pollution prevention/ good housekeeping schedule

BMP	Lead department / individual	Month / year of implementation	Measurable goal
1.Develop/implement formal employee training program	DPW, Parks and Recreation, Board of Education	July 1, 2017	Training Program Created
2.Implement MS4 property and operations maintenance	DPW, Parks and Recreation, Board of Education, Police Dept.	July 1, 2017	Letters from departments regarding their property and operations maintenance procedures
3.Implement coordination with interconnected MS4s	DPW, Town Planner	July 1, 2017	Coordination with Connecticut DOT
4.Develop/implement program to control other sources of pollutants to MS4	DPW, Town Planner	July 1, 2017	Copy of operations and maintenance procedures from departments.
5.Evaluate additional measures for discharges to impaired waters	Health Dept.,Parks and Recreation, Board of Education	July 1, 2017	Reports from Health Dept. Parks and Recreation and Board of Education
6.Track projects that disconnect DCIA	WEO, ZEO, Engineering	July 1, 2017	Implementation of tracking program
7.Develop/implement infrastructure repair/rehab program	WEO, Planning, Engineering	July 1, 2017	Document outlining program.
8.Develop/implement plan to identify/prioritize retrofit projects	DPW, Engineering	July 1, 2020	Document outlining policy.
9.Develop/implement street sweeping program	DPW	July 1, 2017	Document outlining policy.
10.Develop/implement catch basin cleaning program	DPW	July 1, 2017	Document outlining policy.
11.Develop/implement snow management practices	DPW	July 1, 2017	Document outlining policy.

Outfall Monitoring

The Town of New Milford will monitor and investigate all MS4 outfalls that discharge to impaired waterbodies by the end of the permit term. Using the outfall inventory developed under the IDDE minimum control measure, the Town of New Milford will identify which outfalls discharge to impaired waters and screen them for the specific impairments.

Once half of all outfalls discharging to impaired waterbodies have been screened, the six outfalls contributing the highest level of pollutants will be identified and screened on an annual basis.

Based on the screening results, the Town will investigate the drainage areas of outfalls that are contributing to the impairment. The investigations may consider land use or development patterns, business or commercial activities, industrial activities, DCIA, natural contributors, MS4 maintenance issues, residential activities, or anything else potentially contributing to the source of the impairment.

Based on results of the drainage area investigations, the Town will implement measures to address sources of the impairments including the specific impaired waters provisions described within the permit control measures.

Plan Amendments

The Town of New Milford will amend the SMP whenever:

- (1) there is a change which has the potential to cause pollution of the waters of the state; or
- (2) the actions required by the Plan fail to prevent pollution of the waters of the state or fail to otherwise comply with any other provision of this general permit; or
- (3) the Commissioner requests modification of the Plan.

Stormwater Management Plan Signatures

I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in this document or its attachments may be punishable as a criminal offense, in accordance with Section 22a-6 of the Connecticut General Statutes, pursuant to Section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable state law.

David Gronbach, Mayor

Date

Kathy Castagnetta, Town Planner
(Principal Plan Preparer)

Date

Stormwater Management Plan Engineering Certification

I hereby certify that I am making this certification in connection with a registration under the General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems, submitted to the Commissioner by The Town of New Milford for an activity located at or within The Town of New Milford and that all terms and conditions of the general permit are being met for all discharges which have been created, initiated or maintained and such activity is eligible for authorization under such permit. I further certify that a system is in place to ensure that all terms and conditions of this general permit will continue to be met for all discharges authorized by this general permit at the site. I certify that I have personally examined and am familiar with the information that provides the basis for this certification, including but not limited to all information described in Section 3(b)(8)(A) of such general permit, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining such information, that the information upon which this certification is based is true, accurate and complete to the best of my knowledge and belief. I certify that I have made an affirmative determination in accordance with Section 3(b)(8)(B) of this general permit. I understand that the registration filed in connection with such general permit is submitted in accordance with and shall comply with the requirements of Section 22a-430b of Connecticut General Statutes, as amended by Public Act 12-172. I also understand that knowingly making any false statement made in the submitted information and in this certification may be punishable as a criminal offense, including the possibility of fine and imprisonment, under section 53a-157b of the Connecticut General Statutes and any other applicable law.

Daniel Stanton, P.E.

Town of New Milford, Town Engineer

Date