WETHERSFIELD, CONNECTICUT

STORMWATER MANAGEMENT PLAN

(Appendix A of General Permit Registration)

Effective July 1, 2017

Prepared by:

Town of Wethersfield
Engineering Division

This document has been posted for public review and comment through June 1, 2017. Any comments should be directed to the Commissioner of the CT DEEP in writing at:

Robert Klee, Commissioner
CT Department of Energy and Environmental Protection
79 Elm Street
Hartford, Connecticut 06106-5127

Table of Contents

List of Figures

List of Tables

Introduction

This Stormwater Management Plan (SMP) was developed by the Town of Wethersfield to protect water quality and reduce the discharge of pollutants from the municipality's storm sewer system to the maximum extent practical (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.

Stormwater Management Plan (SMP) Structure

This plan outlines a program of best management practices (BMPs), measurable goals, responsible individuals or departments, and implementation schedules for the following six (6) minimum control measures:

(1) Public Education and Outreach

(2) Public Involvement and Participation

(3) Illicit Discharge Detection and Elimination (IDDE)

(4) Construction Site Stormwater Runoff Control

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

(6) Pollution Prevention / Good Housekeeping

The measureable goals by which each BMP will be evaluated are based on their implementation by the date specified with specific details documented in the annual MS4 General Permit reports that will summarize all stormwater management activities carried out by the Town. Draft reports will be published for public review and comment for a minimum of forty-five (45) days and final reports will be submitted to DEEP no later than April 1st of each year.

Area Subject to the Plan

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

Description of Municipality

The Town of Wethersfield encompasses 13.0 square miles on the west bank of the Connecticut River immediately south of Hartford. The Berlin Turnpike, State Route 5/15 and Interstate I-91 connect the Town to the regional highway system. The Town has a population of 26,668 according to the 2010 census and is bordered to the north by Hartford, to the east by East Hartford and Glastonbury, to the south by Rocky Hill, and to the west by Newington.

Most residential development in Town consists of lots that range from 6,000 square feet up to 20,000 square feet and nearly all properties have public water supply and public sanitary sewer provided by the Metropolitan District Commission (MDC). There are approximately 105 miles of local roadways and approximately 3,150 catch basins that capture and direct stormwater runoff away from roads and property. The roadway and drainage systems are maintained by the Physical Services Division under the direction of the Director of Physical Services and the Town Engineer.

The Town has a Town Council/Town Manager form of government. The Town Manager is the Chief Executive Officer of the Town and reports to a nine member Town Council elected biannually. The chairperson of the Town Council is referred to as the Mayor.

When the position is not filled, the Town Manager serves as the Director of Public Works who oversees the operations of the Engineering Division and Physical Services Division of the Department of Public Works. The Department of Public Works organizational chart is shown in Figure 1.

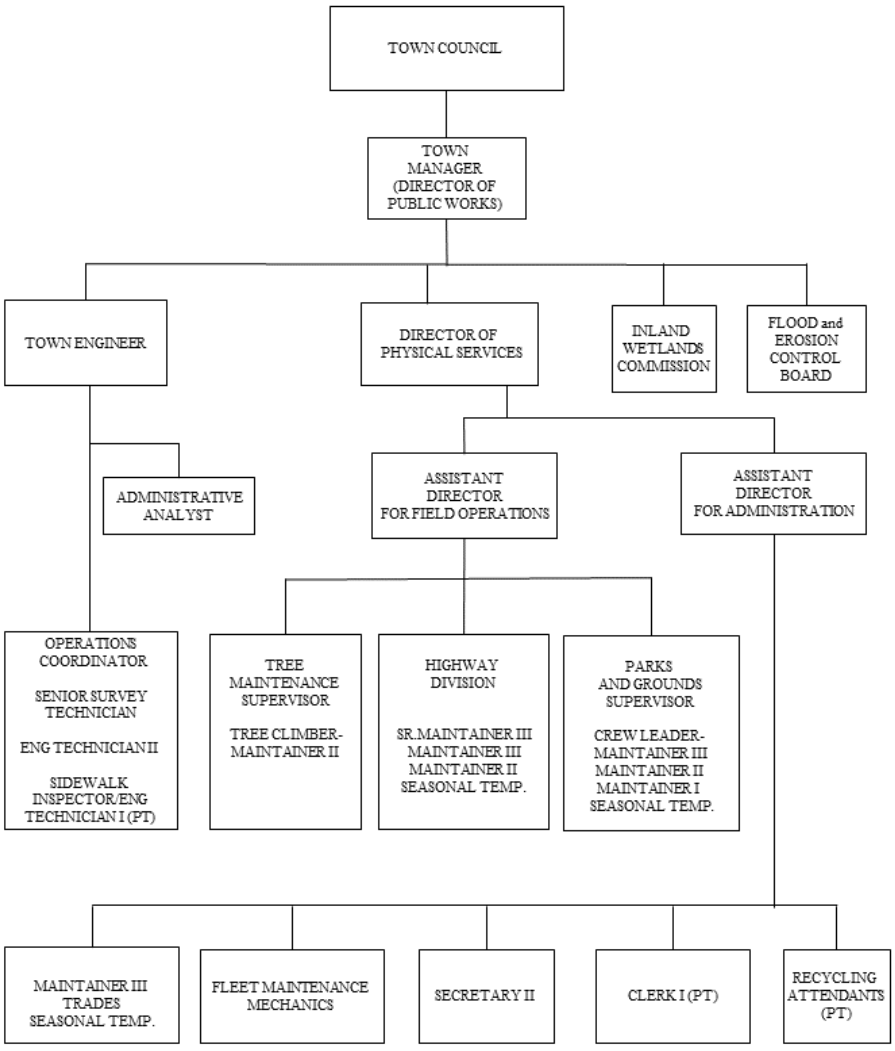


FIGURE 1 - DEPARTMENT OF PUBLIC WORKS ORGANIZATIONAL CHART

The Town Engineering Division is located on the second floor of Town Hall at 505 Silas Deane Highway and provides expertise in engineering, surveying, construction and geographic information system (GIS) mapping to counsel residents, developers, committees, commissions and Town departments in all matters relating to municipal engineering. The Division facilitates the implementation of capital improvement projects and provides in-house survey, design and construction inspection services for various types of projects, administration and oversight of annual programs for improving public infrastructure, and coordinates with federal agencies, state agencies and private utility companies.

The Town Physical Services Division is located at 100 Marsh Street and includes a combination fleet maintenance and vehicle garage, fueling system, sand/salt storage facility and transfer station. This facility presently operates under a DEEP General Permit of Industrial Activity (Permit No. GSI001214, Site 159-022). The Division provides maintenance, oversight and administration of the Town's physical assets including public buildings, properties, roads, parking lots, parks and playgrounds, maintenance of vehicles and equipment, maintenance of storm drainage systems and trees, and management of recycling and solid waste services. The Division is also responsible for winter maintenance of the transportation system. Snow plowing, snow removal and deicing of all public infrastructure is handled professionally and efficiently to ensure catch basins are able to remain open and functioning. The Town does not apply sand to the transportation system to avoid build up in drainage systems and impacts to downstream areas.

Watersheds

The Town of Wethersfield has four major drainage basins consisting of the Connecticut River, Goff Brook, Folly Brook, and the Park River. There are two insignificant watercourses that are tributary to Piper Brook and Salmon Brook drainage basins. Present land use is mostly residential, farmland, commercial and some industrial. Growth potential is limited to a few farmland parcels. The growth of the Town is outlined in the 2013 Plan of Conservation and Development.

There are six major waterbodies within the Town that include the Wethersfield Cove, 1860 Reservoir, Griswold Pond, Bell Pond, Murphy Pond and Millwood's Pond. There are approximately 18 miles of brooks and streams throughout Town. Precipitation in the state is for the most part evenly distributed throughout the year with Wethersfield receiving and average of approximately forty-five (45) inches of rainfall per year.

Table 1 provides a list of all receiving waterbodies to which Town outfalls discharge.

Receiving Streams (Creek, stream, river etc.)	**Receiving Waterbodies** (Lake, wetland, ocean, etc.)	**Receiving Watersheds**
Beaver Brook	1860 Reservoir	Connecticut River
Cemetery Brook	Bell Pond	Long Island Sound
Collier Brook	Griswold Pond	
Fairlane Brook	Millwoods Pond	
Folly Brook	Murphy Pond	
Goff Brook	Wethersfield Cove	
Two Stone Brook		

TABLE 1 - RECEIVING WATERBODIES

Impaired Waters

CT DEEP Water Quality Standards were reviewed when developing this SMP to determine the Surface Water Quality Classifications for each watercourse and waterbody in Wethersfield. Table 2 identifies the water quality classification for each watercourse and waterbody in Town. Note that the Connecticut River is the only body of water classified as "impaired" and is shown in Figure 2.

DEEP Drainage Basin Number	Name	Surface Water Quality Classification*	Impaired per Water Quality Standards
4010-00-1-L1	1860 Reservoir	A	No
4010-00-3-R1	Beaver Book	A	No
4010-00-2-R3	Bell Pond	A	No
4400-02-1	Cemetery Brook	A	No
4010-02-1	Collier Brook	A	No
4000-00_03	Connecticut River	SB	Yes
4010-03-1	Fairlane Brook	A	No
4005-00-1	Folly Brook	A	No
4010-00-2-R1	Goff Brook	A	No
4010-00-2-L2	Griswold Pond	A	No
4010-00-2-L3	Millwoods Pond	A	No
4010-00-2-R1	Murphy Pond	A	No
4010-00-3-R1	Spring Street Pond	A	No
4010-02-1	Two Stone Brook	A	No
4000-28-1	Wethersfield Cove	SB	No

TABLE 2 – SURFACE WATER QUALITY CLASSIFICATIONS

* *Surface Water Classifications were obtained from DEEP map titled "Water Quality Classifications – Wethersfield, CT" dated November 15, 2015.*

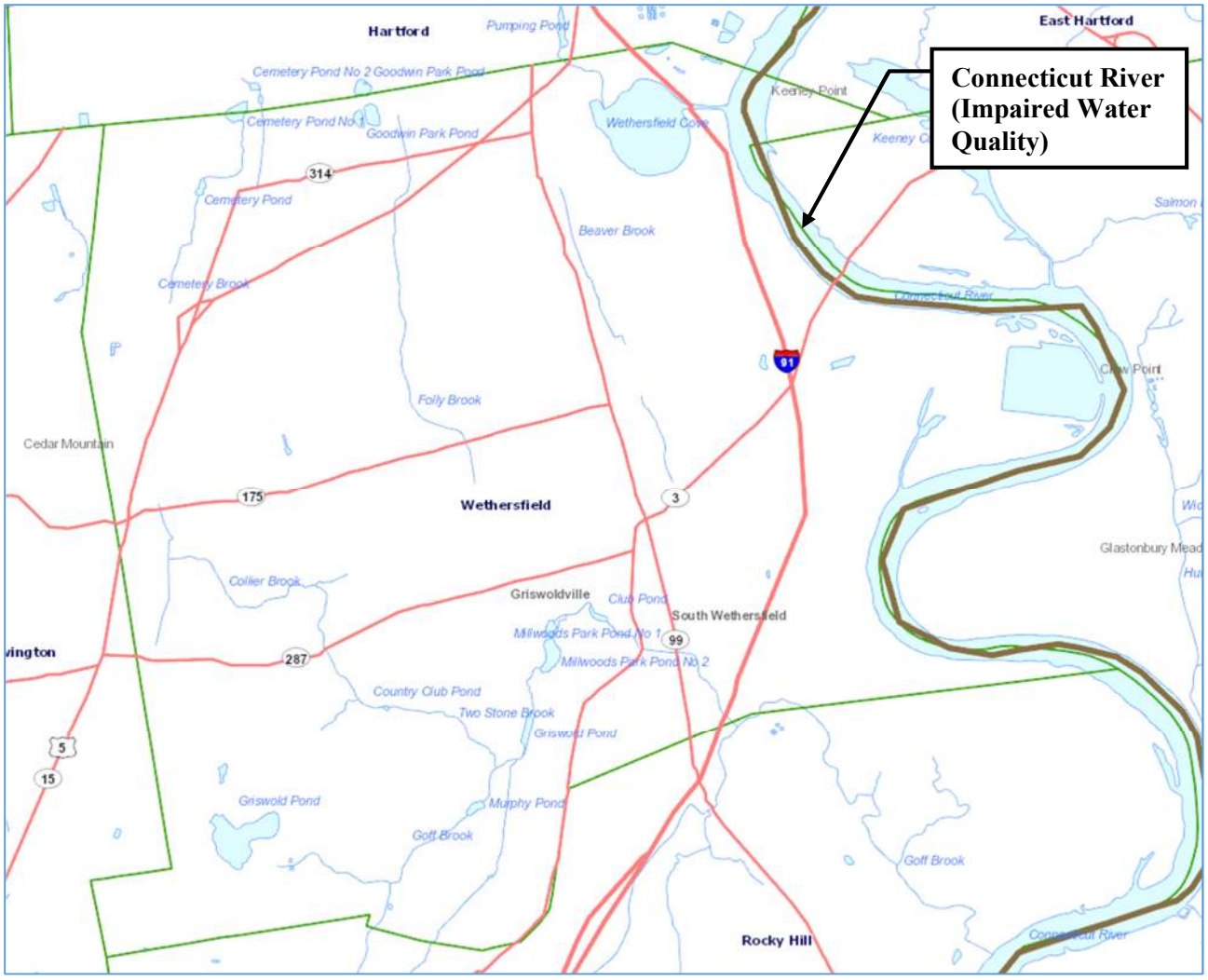


FIGURE 2 - IMPAIRED WATER QUALITY MAP

Note:
The Connecticut River is the only impaired waterbody in Wethersfield. Refer to mapping at http://ctecoapp1.uconn.edu/advancedviewer/ for additional information.

Section 1 - Public Education and Outreach

This control measure for public education and outreach on stormwater impacts outlines a program designed to communicate common sources of stormwater pollution and the impacts of polluted stormwater on the public. This will be accomplished by distributing educational materials to the community and conducting outreach activities. The following BMPs and associated implementation schedules will serve as the Town's Public Education and Outreach 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.
- Reduce polluted stormwater runoff in Town as a result of increased awareness and utilization of BMPs.

1.1 Implement Public Education Program

The Town of Wethersfield will continue to collect and distribute stormwater educational materials that, at a minimum, outline the impacts of the following on water quality:

- Pet Waste
- Impervious Cover
- Application of fertilizers, pesticides, and herbicides
- Illicit discharges and improper disposal of wastes into the Municipal Separate Storm Sewer Systems (MS4)

The Town will continue the following programs that were established during the previous General Permit:

- Broadcast of public services announcements (PSAs) on the local Government Access television channel to educate targeted or mass audiences about stormwater quality problems and solutions, build support for stormwater remediation and retrofit projects and generate general awareness and interest in stormwater management.
- Targeted outreach efforts during the development permit review and approval process to educate local commercial businesses, developers, agricultural operators and homeowners on particular aspects of stormwater management.

The Town will develop an informational brochure and/or factsheets on the impacts of stormwater discharges to waterbodies and steps the public can take to reduce pollutants in stormwater runoff that will periodically be on display in public locations within Wethersfield Town Hall and the public library.

The Town will develop a library of stormwater related educational material and will provide a link on its website at http://www.wethersfieldct.gov/engineering to UConn's Nonpoint Education for

Municipal Officials (NEMO) website with a comprehensive online library of stormwater educational material. The availability of these educational materials will be communicated to residents via the Town website and newsletters.

1.2 Provide Education and Outreach for Pollutants of Concern

The Town will develop an informational brochure and /or fact sheets specific for common sources of phosphorus, nitrogen, bacteria and mercury pollution, and how to prevent or reduce the amount reaching the MS4 and discharging into waterways. Table 3 shows typical sources of these pollutants.

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

TABLE 3 – SOURCES OF CHEMICAL POLLUTANTS

1.3 Links to Informational Web Sites

The following links that provide valuable information about stormwater management and education for various age groups on the value of protecting our waterways from the UConn's Center for Land Use Education and Research (CLEAR), Nonpoint Education for Municipal Officials (NEMO) and CT Environmental Conditions Online will be listed on the Town website:

http://www.clear.uconn.edu/

http://nemo.uconn.edu/ms4/index.htm

http://www.cteco.uconn.edu/

1.4 Public Education and Outreach Schedule

BMP	Lead Department / Individual	Month / Year of Implementation
Continue to Broadcast Public Service Announcements on Local Government Access Television	Town Engineer	July 2017
Continue Targeted Outreach Efforts on Stormwater Management during the Development Permit Review and Approval Process	Town Engineer	July 2017
Develop and Post Brochures / Fact Sheets on Impacts to Water Quality and Pollutants of Concern	Operations Coordinator	July 2018
Develop Stormwater Reference Materials Library for Public and Staff Use	Operations Coordinator	July 2018
Provide Website Links to Educational Materials on Town Website	Town Engineer	July 2018

TABLE 4 - PUBLIC OUTREACH AND EDUCATION SCHEDULE

Section 2 - Public Involvement and Participation

This control measure outlines 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 such as responding to feedback received during the development permit review and approval process and holding public information meetings for large drainage projects.
- Prior to submittal to DEEP, post draft annual Municipal Separate Storm Sewer Systems (MS4) General Permit reports for a minimum forty-five (45) day public review and comment period on the Town website and at the Engineering Division's office.
- Maintain copies of final annual MS4 General Permit reports and make them available for public viewing at the Engineering Division's office.

2.1 Comply with Public Notice Requirements

The Town of Wethersfield will publish a draft version of the annual MS4 General Permit reports for public review and comment on its website at http://www.wethersfieldct.gov/engineering a minimum of forty-five (45) days prior to submission to DEEP. The document will provide a contact name, phone number, address, and email to whom the public can send comments. Additionally, hardcopies of the draft and final annual reports will be available to the public at the Engineering Division's office in Town Hall.

2.2 Refuse Collection and Recycling Programs

The Town's Physical Services Division will continue to manage programs for collection of refuse and recycling with information regarding the proper disposal of various materials provided on the Town website at http://wethersfieldct.com/physical-services.

2.3 Annual Town Wide Cleanup Events

The Town will continue to work with local groups, the Health Department and the Metropolitan District Commission (MDC) to encourage residents to participate in special events that result in environmental improvements and stormwater discharge enhancements such as periodic trash cleanup and annual hazardous waste collection. These events help ensure that refuse, accumulated household chemicals, cleaning supplies, batteries, paints, yard waste, pesticides and organic material are disposed of properly. Keeping these known pollutants out of landfills and in a properly controlled recycling programs reduces the chance of contamination of water sources.

The Great Meadows Conservation Trust periodically holds trash cleanup events in Town, the transfer station located at the Physical Services Facility collects many of these materials for proper disposal, and the Central Connecticut Health District (CCHD) and the MDC schedule annual

hazardous waste collection events. Information for the proper disposal of various materials is available on the Town's website at http://wethersfieldct.com/physical-services.

2.4 Public Involvement and Participation Schedule

BMP	Lead Department / Individual	Month / Year of Implementation
Comply with Public Review and Comment Periods for Annual MS4 General Permit Reports	Town Engineer	July 2017
Continue Management of Town Refuse Collection and Recycling Program	Director of Physical Services	July 2017
Continue to Schedule Trash Cleanup and Hazardous Waste Collection Events	Director of Physical Services (coordinates with local groups, CCHD & MDC)	July 2017

TABLE 5 - PUBLIC INVOLVEMENT AND PARTICIPATION SCHEDULE

Section 3 - Illicit Discharge Detection and Elimination (IDDE)

This control measure outlines a program to detect and eliminate existing illicit discharges to the Town Municipal Separate Storm Sewer Systems (MS4) and is intended to prevent additional illicit discharges in the future. All activities for this measure will be completed in the MS4 Priority Areas identified as part of the MS4 General Permit requirements such as urbanized areas, catchment areas with directly connected impervious area (DCIA) greater than 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 future illicit discharges.

3.1 Develop Written IDDE Plan

The Town of Wethersfield will develop a written IDDE plan to detect, locate and eliminate illicit discharges (to the maximum extent practicable) from the MS4 within the Town's priority areas. The IDDE plan will provide enforceable legal authority to eliminate illicit discharges and will include development of a citizen reporting program. The plan will also outline the outfall screening and IDDE protocols consistent with Appendix B of the MS4 General Permit to identify, prioritize, and investigate MS4 catchments for suspected illicit discharge of pollutants and will outline follow-up screening and illicit discharge prevention procedures.

3.2 Develop Citizen Reporting Program

The Town will establish a system to allow citizen reporting of suspected illicit discharges into the MS4. The system will include an email address and phone number for submitting a report. The Town will investigate and attempt to eliminate any illicit discharges for which a time and location of discharge are reported. The Town will promptly inspect the reported outfall or drainage structure and proceed according to the requirements of the written IDDE program. All citizen reports and responses will be included in the annual MS4 General Permit report.

3.3 Develop Record Keeping System for IDDE Tracking

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

The Metropolitan District Commission (MDC) owns and operates all sanitary sewer systems in Town, and as part of their MS4 General Permit, will be required to maintain a sanitary sewer overflow (SSO) 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 should include all known SSOs to the MS4 for the five (5) years prior to implementation of the new MS4 General Permit (July 2012 through June 2017).

As of the effective date of this SMP, the Town has been made aware of the MDC's proposed "Goff Brook Overflow Closure" project (Contract No. 2013B-46) that will be constructed from 2017 until 2019 to address historic combined sewer overflows (CSOs) into Goff Brook near the southeast corner of Town.

The Town will also record any known future SSOs and include that information in the annual MS4 General Permit reports.

3.4 Review and Update Legal Authority to Prohibit Illicit Discharges

The Town will review and update (as required) the current ability to enforce its legal authority by statute, ordinance, rules and regulations, permit, easement, contract, order or any other means to eliminate illicit discharges. The authority will:

- Prohibit illicit discharges to its storm sewer system and require removal of such discharges consistent with the deadlines outlined in the MS4 General Permit.
- Authorize the investigation and elimination of suspected illicit discharges including those from properties not owned or controlled by the Town that discharge to the MS4.
- 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 the MS4.
- Authorize appropriate enforcement procedures and actions.
- Authorize fines or penalties and/or methods to recover costs incurred by the Town from anyone creating an illicit discharge.

In accordance with the MS4 General Permit, the following non-stormwater discharges are authorized if the Town determines they do not contribute to a violation of water quality standards and are not significant contributors of pollutants to the MS4:

- Uncontaminated groundwater discharges including, but not limited to, pumped groundwater, and water from foundation drains, footing drains and crawl spaces.
- Irrigation water including, but not limited to, landscape irrigation and lawn watering runoff.
- Residential wash water related to street sweeping activities.
- Discharges or flows from firefighting activities (excluding training).
- Naturally occurring discharges such as rising groundwater, uncontaminated groundwater infiltration (as defined by 40 CFR 35.2005(20)), springs, and flows from diverted streams, riparian habitats and wetlands.
- Any discharge authorized by a permit issued pursuant to Section 22a-430 or 22a-430b of the Connecticut General Statutes.

The Town will control these discharges to the Maximum Extent Possible (MEP).

3.5 Develop List and Map of all MS4 Outfalls and Interconnections

The Town has begun developing an inventory of all stormwater outfalls and is currently populating a database of stormwater discharges owned or operated by the municipality with all interconnections with other MS4s. Each entry will include:

- Type, material, size, shape and location (identified with a latitude and longitude) of conveyance, outfall or channelized flow (i.e. 24" concrete pipe).
- Name, waterbody identification number and surface water quality classification of the immediate surface waterbody or wetland to which the stormwater runoff discharges (when available).
- If the outfall does not discharge directly to a named waterbody, the name and waterbody identification number of the nearest named waterbody to which the outfall eventually discharges.
- Name of the watershed, including the sub regional drainage basin number (available from CT Environmental Conditions Online (CTECO) at www.cteco.uconn.edu) in which the discharge is located.

The database will be maintained by the staff of the Engineering Division and will be exported into Excel format as required for the annual MS4 General Permit reports.

3.6 Detailed MS4 Infrastructure Mapping

The Town will continue to update its GIS data and mapping of the MS4 to include the following components within the MS4 Priority Areas identified during implementation of the MS4 General Permit:

- Location of outfalls and receiving waters.
- Pipes, open channel conveyances, catch basins and manholes.
- Interconnections with other MS4s and storm sewer systems.
- Town-owned stormwater treatment structures such as detention/retention basins, infiltration systems, bio-retention areas, water quality swales, hydrodynamic separators, oil/water separators and other types of systems.
- Catchment delineations required for the MS4 General Permit.
- Impaired waterbodies identified by name and impairment as defined by the most recent CT Integrated Water Quality Report.
- Sanitary sewer systems owned by the Metropolitan District Commission.

The Town will update the GIS Data as new information becomes available and will report on the progress of the development of this map in the annual MS4 General Permit report.

3.7 Identify IDDE in Areas with Pollutants of Concern

The Town will identify which areas are most likely to contribute phosphorus, nitrogen and bacteria to the MS4 through outfall screening conducted as part of the MS4 General Permit. 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 Central Connecticut Health District (local Health Department) for corrective action.

3.8 Illicit Discharge Detection and Elimination Schedule

BMP	Lead Department / Individual	Month / Year of Implementation
Develop Written IDDE Program	Town Engineer	July 2018
Develop Citizen Reporting Program	Engineering Technician	July 2018
Develop Record Keeping System for IDDE Tracking	Engineering Technician	July 2018
Review and Update Legal Authority to Prohibit Illicit Discharges	Town Engineer	July 2018
Develop List and Map of all MS4 Stormwater Outfalls throughout Municipality	Operations Coordinator	July 2019
Detailed MS4 Infrastructure Mapping in Priority Areas	Operations Coordinator	July 2020
Identify IDDE in Areas with Pollutants of Concern	Town Engineer	July 2020

TABLE 6 - ILLICIT DISCHARGE DETECTION AND ELIMINATION SCHEDULE

Section 4 - Construction Site Stormwater Runoff Control

This control measure outlines procedures for minimizing polluted stormwater runoff from construction activities that disturb one or more acres of land, which will be determined on a site by site basis.

Goal:

Minimize polluted stormwater runoff leaving construction sites and prevent it from carrying sediment into waterways through Municipal Separate Storm Sewer Systems (MS4) infrastructure.

4.1 Update and Enforce Land Use Regulations to Meet Requirements of MS4 General Permit

The Town of Wethersfield will review and revise its land use regulations as required to establish the legal authority to control stormwater runoff from construction sites by requiring:

- Developers, construction site operators and contractors to maintain consistency with the 2002 Guidelines for Soil Erosion and Sedimentation Control, as amended, the 2004 Connecticut Stormwater Quality Manual, as amended, and all stormwater discharge permits issued by DEEP within the municipal boundary pursuant to CGS 22a-430 and 22a-430b.
- Implementation of additional measures to protect and improve water quality (in addition to the above requirements) as deemed necessary by the Town.
- Inspection, surveillance and monitoring procedures necessary to determine compliance with municipal regulations, ordinances and programs related to the management of the MS4. Inspections shall be conducted, where allowed, to inventory the number of privately-owned retention/detention basins and other stormwater basins that discharge to or receive drainage from the MS4.
- Development and compliance of a long term maintenance plan and schedule by developers and property owners to ensure performance and pollutant removal efficiency of privately-owned retention/detention basins and other stormwater basins that discharge to or receive discharge from the MS4 including short-term and long-term inspection and maintenance measures to be implemented.
- Control through interagency or inter-jurisdictional agreements of the contribution of pollutants between the Town's MS4 and MS4s owned or operated by others.
- All proposed construction projects to be reviewed by Town staff to ensure adequate measures have been included to control site runoff and protect adjoining properties, downstream wetlands, watercourses and waterbodies.
- All proposed construction projects disturbing > 0.5 acres to develop an erosion and sediment control plan that has been approved by the Town Engineering Division and Inland Wetlands and Watercourses Commission.

- Continual interaction between contractors and Town staff to ensure all preventative measures are properly implemented and maintained.
- Completion of site inspections by Town staff (when available) to monitor progress, note discrepancies to approved plans and offer solutions to potential problems that could lead to a failure of an erosion and sedimentation control measures.
- Construction contractors to keep their sites clean, which reduces the possibility of garbage and debris from inadvertently being introduced to stormwater runoff.
- All new development to construct stormwater retention/detention facilities and treatment technologies suitable for the site that are reviewed and approved by the Town Engineering Division prior to construction.

4.2 Plan for Interdepartmental Coordination of Site Plan Review and Approval

The Town currently coordinates the functions of all the departments and boards involved in the review, permitting and/or approval of land disturbance projects as described in the Wethersfield Land Use Application Handbook, which is available to the public at Town Hall and the Town website at http://www.wethersfieldct.gov/planning.

The Town will continue to require site plans to incorporate stormwater controls and management practices to prevent or minimize impacts to water quality on sites with soil disturbance >0.5 acres.

4.3 Construction Site Inspections

The Town will continue to perform periodic construction site inspections (based on availability of staff) to assess the adequacy of the installation, maintenance, operation, and repair of all construction and post-construction control measures and take enforcement action when necessary.

4.4 Procedures to Allow Public Comment on Site Development

The Town will continue existing procedures for public involvement in proposed and ongoing development and land disturbance activities such as:

- Holding public hearings during the local Commission review and approval process (when required by regulations).
- The Town Engineering Division and Wetlands Agent recording comments and addressing concerns from the public on any site development project, including issues regarding construction site runoff.

4.5 Implement Procedure to Notify Developers and Contractors of DEEP Construction Stormwater Permit

The Town will notify developers and contractors of their potential obligation to obtain authorization under the DEEP General Permit for the Discharge of Stormwater and Dewatering Wastewaters Associated with Construction Activities (Construction General Permit) during the review and approval process if their project disturbs more than one acre of land and results in a point source discharge to Connecticut surface waters directly or through the MS4. The Town will also require a copy of the Storm Water Pollution Control Plan be made available to the Town upon request.

The contractor will be 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.

4.6 Waste Collection (Contractors Responsibilities)

For large projects where a significant amount of waste will be generated, contractors will be required to designate a waste collection area onsite that does not receive a substantial amount of runoff from upland areas and does not drain directly to a waterbody. The contractors shall:

- Ensure that containers have lids so they can be covered before periods of rain and keep containers in a covered area whenever possible.
- Schedule waste collection to prevent the containers from overfilling. During the demolition phase of construction, contractors shall provide extra containers and schedule more frequent pickups.
- Clean up spills immediately. For hazardous materials, contractors shall follow cleanup instructions on the package including use of absorbent material such as sawdust or kitty litter to contain the spill. Handling and disposal of all hazardous material shall be in accordance with all federal and state regulations.
- Collect, remove and dispose of all construction site wastes at authorized disposal areas. Contractors will be responsible for contacting DEEP to identify these disposal sites.

4.7 Contaminated / Hazardous Materials (Contractor Responsibilities)

Contractors will be required to dispose of solid waste in accordance with the contract specifications and all applicable federal, state, and local regulations for the excavation, transporting, stockpiling, securing, disposal of contaminated / hazardous materials and decontamination of equipment. This will include the following:

- Development and adherence to an Environmental Health and Safety Plan when required by the Town.
- Securing, constructing and dismantling of a waste stockpile and treatment area.

- Handling and disposal of contaminated railroad ties, timber piles, concrete, contaminated groundwater and controlled materials in accordance with all federal, state and local laws and regulations.
- Management of reusable controlled material.
- Abandonment of wells when required.

4.7.1 Pesticides

The following practices will be employed to reduce risks associated with pesticides or to reduce the amount of pesticides that come in contact with stormwater:

- Follow all federal, state, and local regulations that apply to the use, handling or disposal of pesticides.
- Do not handle the materials any more than necessary.
- Store pesticides in a dry, covered area.
- Construct curbs or dikes to contain pesticides in case of spillage.
- Follow the recommended application rates and methods.
- Have equipment and absorbent materials available in areas where pesticides are stored and used in order to contain and clean up any spills that occur.

4.7.2 Petroleum

The following management practices will be employed to reduce the contamination risk associated with petroleum products:

- Store petroleum products and fuel for vehicles in covered areas with dikes in place to contain any spills.
- Immediately contain and clean up any spills with absorbent materials.
- Have equipment available in fuel storage areas and in vehicles to contain and clean up any spills that occur.

4.7.3 Fertilizers and Detergents

Phosphorous and nitrogen-containing fertilizers are used on construction sites to provide nutrients necessary for plant growth and phosphorous and nitrogen containing detergents are found in wash water from vehicle cleaning areas. Excesses of these nutrients can be a major source of water pollution. Management practices to reduce risks of nutrient pollution will include the following:

- Apply fertilizers at the minimum rate and to the minimum area needed.
- Work the fertilizer deeply into the soil to reduce exposure of nutrients to

stormwater runoff.

- Ensure that erosion and sediment controls are in place to prevent fertilizers and sediments from being transported off-site.
- Use detergents only as recommended and limit their use onsite. Wash water containing detergents will not be dumped into the storm drain system whenever possible, rather, it will be directed to a sanitary sewer or be otherwise contained so that it can be treated at a wastewater treatment plant.

4.8 Construction Site Stormwater Management Schedule

BMP	Lead Department / Individual	Month / Year of Implementation
Update and Enforce Land Use Regulations to Meet MS4 General Permit Requirements	Town Engineer	July 2019
Continue Interdepartmental Coordination of Site Plan Review and Approval	Town Engineer & Wetlands Agent	July 2017
Continue Performing Construction Site Inspections	Operations Coordinator	July 2017
Maintain Procedures to Allow Public Comment on Site Development	Town Engineer	July 2017
Implement Procedure to Notify Developers and Contractors of Need for DEEP Construction General Permit	Town Engineer	July 2017
Enforce Waste Collection Requirements	Operations Coordinator	July 2017
Enforce Contaminated / Hazardous Materials Requirements	Operations Coordinator	July 2017

TABLE 7 – CONSTRUCTION SITE STORMWATER MANAGEMENT SCHEDULE

Section 5 - Post-Construction Stormwater Management in New Development or Redevelopment

This control measure outlines procedures to address post-construction stormwater runoff from new or redevelopment projects that disturb one or more acres of land.

Goal:

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

5.1 Establish Legal Authority and Guidelines Regarding LID and Runoff Reduction in Site Planning

The Town of Wethersfield will establish the legal authority by ordinance, regulation and/or condition of approval, to the Maximum Extent Practicable (MEP), that developers and contractors seeking Town approval for development must consider the use of Low Impact Development (LID) and runoff reduction practices that meet or exceed guidance provided in the 2004 Connecticut Stormwater Quality Manual, as amended, during plan development phase.

This legal authority will include the following standards that developers will be encouraged to follow:

- For new development and redevelopment of sites with less than forty percent (< 40%) Directly Connected Impervious Area (DCIA), retain the entire water quality volume onsite.
- For redevelopment of existing sites with DCIA of forty percent or more (≥ 40%), the project must retain one-half of the water quality volume onsite.
- If those retention standards cannot be met, the developer will be required to provide a statement indicating why the standard could not be met or may be required to pay a fee to fund a DCIA retrofit in another location.

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

- Minimize the amount of impervious surfaces (roads, parking lots, roofs, etc.) within each development by minimizing the creation, extension and widening of parking lots, roads, and associated development and encourage the use of LID or green infrastructure practices.
- Require onsite retention/detention systems to mitigate an increase in stormwater runoff from the site.
- 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.
- When feasible, implement stormwater management practices that prevent or reduce thermal impacts to streams, including requiring vegetated buffers along waterways, and disconnect direct discharges to surface waters from impervious surfaces such as parking lots.

- Seek to prevent or minimize hydromodification of streams and other waterbodies caused by development.
- Implement standards to protect trees and other vegetation with important evapotranspirative qualities.
- Implement policies to protect unnecessary disturbance and compaction of soils.
- Coordinate with state or local health officials to ensure there will be no impacts to performance of existing septic systems.

In addition, the Town will review its current regulations such as site planning requirements, zoning regulations, infrastructure design standards and specifications to identify, and where appropriate, reduce or eliminate existing regulatory barriers to implementation of LID and runoff reduction practices to the MEP.

5.2 Directly Connected Impervious Area (DCIA) Mapping

The Town will follow guidance provided by DEEP and UConn's Center for Land Use Education and Research (CLEAR) to calculate the DCIA that contributes stormwater runoff to each of its Municipal Separate Storm Sewer Systems (MS4) outfalls. Progress on this task will be documented in each annual MS4 General Permit report until completion.

5.3 Implement Long-Term Maintenance Plan for Stormwater Basins and Treatment Structures

The Town will develop and implement a maintenance plan for retention/detention basins and stormwater treatment structures that it owns, over which it holds an easement or other authority, and that are located in the MS4 Priority Areas to ensure their long-term effectiveness. This plan will require an annual inspection of those basins and structures with removal of accumulated sediment and pollutants in excess of fifty percent (50%) of the design capacity.

Developers will also be required to develop maintenance plans for new privately-owned systems during the site plan review and approval process.

5.4 Address Post-Construction Issues in Areas with Pollutants of Concern

For areas contributing to waters where phosphorus, nitrogen or bacteria is a stormwater pollutant of concern and erosion and sedimentation problems are found during the annual inspections conducted under the long-term maintenance plan described above, the Town will prioritize those areas for potential DCIA retrofit projects.

5.5 Construction Stormwater Management Schedule

BMP	Lead Department / Individual	Month / Year of Implementation
Establish Legal Authority and Guidelines Regarding LID and Runoff Reduction in Site Planning	Town Engineer	July 2021
Promote LID/Runoff Reduction for Development and Redevelopment Projects	Town Engineer	July 2019
Complete DCIA Mapping for all MS4 Outfalls	Operations Coordinator	July 2020
Implement Long-Term Maintenance Plan for Stormwater Basins and Treatment Structures	Director of Physical Services	July 2019
Address Post-Construction Issues in Areas with Pollutants of Concern	Town Engineer	July 2020

TABLE 8 - POST-CONSTRUCTION STORMWATER MANAGEMENT SCHEDULE

Section 6 - Pollution Prevention / Good Housekeeping

This control measure outlines a program to mitigate the impact of Town operations and maintenance on stormwater quality and includes implementation of an Operations and Maintenance Program to prevent or reduce pollutant runoff from Town facilities.

Goal:

Prevent or reduce pollutant runoff caused by municipal operations.

6.1 Continue Formal Employee Training Program

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

- Standard operating procedures consistent with the Municipal Separate Storm Sewer Systems (MS4) General Permit.
- General goals and objectives of this SMP.
- Identification and reporting of illicit discharges and improper disposal.
- Spill response protocols and responsibilities.
- Reporting of damaged structures or culvert systems.
- The necessity of proper record keeping, proper internal reporting, maintenance, preventative measures and how their actions (or inaction) can affect stormwater pollution.

Town staff training will be coordinated through the Physical Services and Engineering Divisions. This training may also include regional or statewide seminars conducted by UConn or others. The continued close association with the UConn Center for Land Use Education and Research (CLEAR) will allow the Town to be aware of current techniques and BMPs that can be communicated to Town employees.

6.2 Implement Infrastructure Repair and Rehabilitation Program

The Town will develop a program to identify conveyances, structures and outfalls in need of repairs or rehabilitation. This program will be implemented through visual observations made by Town consultants and staff during survey and stormwater sampling work or through conducting routine activities. These deficiencies will be recorded and addressed as project funding allows.

6.3 Document Projects that Disconnect DCIA

The Town will document the total acreage of Directly Connected Impervious Area (DCIA) that is annually disconnected from the MS4 as a result of redevelopment or retrofit projects. The Town will also incorporate all DCIA disconnections which occurred since July 1, 2012 towards meeting goals outlined in Section 6.4. The total amount of disconnected DCIA will be reported in the annual MS4 General Permit report.

6.4 Disconnect DCIA through Retrofit Projects

The Town will identify and prioritize sites that may be suitable for retrofit within the MS4 Priority Areas and develop a proposed plan to implement retrofit projects. During the final two years of the permit term, the Town will attempt to achieve a total of two percent (2%) reduction in total DCIA through the tracking of projects that have already disconnected DCIA and/or implementation of Town projects to achieve this goal.

It is anticipated the Town's ability to meet this goal will be dependent on the extent and type of redevelopment that occurs throughout the duration of the permit and the availability of funds to complete retrofit projects.

6.5 Implement Property and Operations Maintenance Procedures

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

6.1.1 Parks and Open Space

Wethersfield will optimize the application of fertilizers by municipal employees, operational staff or private contractors on lands and easements for which it is responsible for maintenance. Optimization practices that will be considered may include:

- Conducting soil testing and analysis to determine soil phosphorus levels.
- Reducing or eliminating the use of fertilizers and adhering to the manufacturers' instructions.
- Use of alternative fertilizer forms such as products with reduced, slow-releasing or insoluble phosphorus compositions.
- Proper fertilizer storage and application practices (i.e. avoid impervious surfaces).
- Proper fertilizer application schedule such as during the appropriate season or month and timing to be coordinated with climatic conditions to minimize runoff potential.
- Employing 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.
- Establishing procedures for management of trash containers at parks with a sufficient number of scheduled cleanings.

The Town will establish practices for the proper disposal of grass clippings and leaves at Town-owned properties. Clippings shall be composted or otherwise appropriately disposed. To the extent possible, clippings will not be allowed to enter the MS4 or waters of the state.

6.5.2 Pet Waste Management

The Town will identify locations where inappropriate pet waste management practices are immediately apparent and may pose a threat to receiving water quality due to potential for direct conveyance of waste to its MS4 and watercourses. In such areas, the Town will implement targeted management efforts such as public education and enforcement.

In Town-owned recreational areas where dog walking is allowed, the Town may install educational signage, pet waste baggies and disposal receptacles or require carry-out.

The scope and extent of public education, compliance and enforcement efforts will be documented in the annual MS4 General Permit reports.

6.5.3 Waterfowl Management

The Town 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 will also implement practices that discourage the undesirable congregation of waterfowl in these areas or isolate the direct drainage from these areas away from the MS4 and surface waters when possible.

6.5.4 Town Buildings and Facilities

For Town-owned or operated buildings, facilities, schools, offices, police and fire stations, pools and utilities, the Town will continue to:

- 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 the 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 collection equipment.
- Periodically 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.
- Maintain the Town transfer station located at the Physical Services Facility to keep the site free of litter, monitor drainage to ensure it does not become a source of pollution and train employees on how to locate potential sources of contaminants.

6.5.5 Vehicles and Equipment

The Town will continue to:

- Enforce procedures for the proper 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 continue fueling under the existing steel canopy located at the Physical Services Facility to minimize exposure to the elements.
- Establish procedures to ensure that vehicle wash waters are not discharged to the MS4 or directly to surface waters.

6.5.6 Leaf Management

The Town 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 stormwater system. Such procedures shall also apply to leaves collected by the Town.

The Town will continue to conduct leaf pickups each fall and deliver collected leaves to Town property for composting/mulching.

6.6 Street Sweeping Program

The Town will continue its annual program for cleaning of Town-owned or operated streets, parking areas and other MS4 infrastructure. All streets and parking lots both within and outside the MS4 Priority Areas will be swept and/or cleaned at least once per year in the spring following the completion of winter maintenance activities (i.e. salting, deicing, etc.). The procedures shall also 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 will identify such potential pollutant sources based upon surface inspections, catch basin cleaning and inspection results, location of winter road deicing and/or salt application, impaired waters or other relevant factors as determined by the Town. If wet dust suppression is conducted, the use of water will be minimized such that a discharge of excess water to the MS4 and/or surface waters is minimized.

For new and redeveloped municipal parking lots, the Town will evaluate options for reducing stormwater runoff to the MS4 and/or surface waters by installing pervious pavements and/or other measures to promote sheet flow of stormwater whenever feasible.

The Town will ensure the proper disposal of street sweepings in accordance with DEEP policies, guidance and regulations. Sweepings shall not be discharged back into the MS4 and/or surface waters.

The Town will document results of its sweeping program in the annual MS4 General Permit report, which will include 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 will also include documentation of any alternate sweeping plan for rural uncurbed streets and any runoff reduction measures implemented.

6.7 Catch Basin Cleaning Program

The Town will continue its annual program for cleaning and inspecting all catch basins and will record structural catch basin deficiencies. 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:

- Inspect all Town-owned catch basins within and outside of MS4 Priority Areas as part of the annual cleaning program throughout the duration of the MS4 General Permit.
- Prioritize inspection and maintenance for Town-owned catch basins located near impaired waters and construction activities (roadway construction, residential, commercial, or industrial development or redevelopment). The Town, developers or contractors will clean catch basins in such areas more frequently if inspection and maintenance activities indicate excessive sediment or debris loadings.
- If catch basin sumps in an area are more than fifty percent (50%) full during two consecutive routine inspection/cleaning events, the Town will investigate the contributing drainage area for sources of excessive sediment loading to address contributing sources to the maximum extent practicable. The Town will include any actions taken in the annual MS4 General Permit report.
- The Town will develop a plan for optimizing catch basin cleaning/inspections and the schedule for gathering information. 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 and will keep a log of catch basins identified to have excessive sediment or structural issues during inspection.
- The Town will include the total number of catch basins inspected and cleaned in each annual MS4 General Permit report.

6.8 Snow Management Practices

6.8.1 Deicing Material Management

The Town will continue utilizing standard operating procedures for the use, handling, storage, application and disposal of deicing products such as salt to minimize exposure to stormwater; for considering means to minimize the use and optimize the application of chloride-based salts, other salts or deicing products (while still maintaining public safety) and for considering opportunities to use 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.

6.8.2 Snow and Ice Control Practices

The Town will continue utilizing standard operating procedures for snow and ice control to minimize the discharge of salt, anti-icing or de-icing chemicals, and other pollutants while still maintaining public safety.

The Town has established methods 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 maintains records of the application of salt, anti-icing and/or de-icing chemicals and ensures the proper training for municipal employees, operational staff or private contractors on lands and easements for which it is responsible for maintenance.

The Town attempts to manage and dispose of snow accumulations in accordance with DEEP Best Management Practices for Disposal of Snow Accumulations from Roadways and Parking Lots, as amended.

The Town will document results of its snow removal program in the annual MS4 General Permit report, which will include the type of staff training conducted on application methods and equipment, miles of road treated, type(s) and amount of deicing materials used, type(s) of deicing equipment used, any changes in deicing practices and snow disposal methods.

6.9 Coordinate With Interconnected MS4s

The Town will coordinate with operators of interconnected MS4s such as neighboring municipalities, private institutions and DOT facilities regarding the potential contribution of pollutants from their stormwater systems, contributing land use areas, operation and maintenance procedures, and stormwater control measures in the respective MS4s.

6.10 Implement a Program to Control Other Sources of Pollutants to the MS4

The Town will continue to implement programs to control the contribution of pollutants to its MS4 from commercial, industrial, institutional or other facilities, not otherwise authorized by a DEEP stormwater permit, through the site plan review and approval process, citizen complaints and field inspections.

6.11 Additional Measures for Discharge to Impaired Waters

For waters where nitrogen or phosphorus are pollutants of concern, the Town will implement turf management practices and procedures for Town-owned or operated properties, which will include but is not limited to, proper fertilizer application and planting of native plants to minimize the turf area to the extent possible.

For waters where bacteria is a pollutant of concern, the Town will develop a plan to prioritize and implement retrofit or source management projects for Town-owned or operated properties to correct the pollutant issues as soon as possible. This will include identification of problems areas, location of closest outfall monitored, the estimated cost of the project and the anticipated pollutant reduction. These projects will be completed as project funding allows

The measures implemented will be documented in the annual MS4 General Permit report.

6.12 Pollution Prevention/ Good Housekeeping Schedule

BMP	Lead Department / Individual	Month / Year of Implementation
Continue Formal Employee Training Program	Director of Physical Services and Town Engineer	July 2017
Implement Infrastructure Repair and Rehab Program	Director of Physical Services and Town Engineer	July 2020
Document Projects that Disconnect DCIA	Town Engineer	July 2017
Disconnect DCIA through Retrofit Projects	Town Engineer	July 2022
Implement Property and Operations Maintenance Procedures	Director of Physical Services	July 2018
Continue Street Sweeping Program	Director of Physical Services	July 2017
Continue Catch Basin Cleaning Program	Director of Physical Services	July 2017
Implement Snow Management Practices	Director of Physical Services	July 2018
Coordinate with Interconnected MS4s	Town Engineer	July 2020

BMP	Lead Department / Individual	Month / Year of Implementation
Implement Program to Control Other Sources of Pollutants to MS4	Town Engineer	July 2017
Implement Additional Measures for Discharge to Impaired Waters	Town Engineer	July 2020

TABLE 9 - POLLUTION PREVENTION / GOOD HOUSEKEEPING SCHEDULE

Section 7 - Outfall Monitoring Program

The Town of Wethersfield will create an inventory of all Municipal Separate Storm Sewer Systems (MS4) outfalls that discharge to impaired watercourses and waterbodies, which at the time this SMP becomes effective, is only the Connecticut River with a bacterial impairment. These outfalls will be screened for the pollutants of concern for the receiving watercourse in accordance with the MS4 General Permit Requirements.

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 any other activities that are potentially contributing to the source of the impairment. Based on the results of the investigations, the Town will implement a BMP program to address the sources of the impairments to the maximum extent possible.

Once half of all outfalls discharging to impaired waterbodies have been screened, the Town will select six (6) outfalls contributing the highest level of pollutants to be sampled on an annual basis with the test results included in the annual MS4 General Permit report. Stormwater sample collection and testing will be conducted in accordance with the MS4 General Permit by a consultant with experience in monitoring stormwater discharge who will be responsible for reporting all results to the Town.

7.1 Outfall Monitoring Schedule

BMP	Lead Department / Individual	Month / Year of Implementation
Inventory and Map All Discharges to Impaired Waters	Operations Coordinator	July 2019
Screen 50% of All Outfalls Discharging to Impaired Waters	Town Engineer	July 2020
Screen Remaining 50% of All Outfalls Discharging to Impaired Waters	Town Engineer	July 2022
Follow Up Investigations for Outfalls Discharging to Impaired Waters that includes: ➢ Drainage Area Investigations ➢ Control Measure Implementation ➢ Prioritized Outfall Monitoring	Town Engineer & Operations Coordinator	July 2022 (Begin July 2019)
Prioritized Outfall Monitoring for Six (6) Selected Outfalls	Town Engineer	July 2021

TABLE 10 - OUTFALL MONITORING SCHEDULE

Note:
The Outfall Monitoring Schedule may be revised pending further clarification of requirements from DEEP.

Section 8 - Plan Amendments

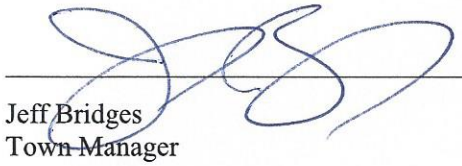
The Town of Wethersfield will amend this SMP whenever:

- There is a change which has the potential to cause pollution of the waters of the state.
- The actions required by the SMP fail to prevent pollution of the waters of the state or fail to otherwise comply with any other provision of the MS4 General Permit.
- The DEEP Commissioner requests modification of the SMP.
- There is a change in the availability of funding required to complete tasks outlined in the SMP.

Section 9 - Stormwater Management Plan Certification

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 statute.

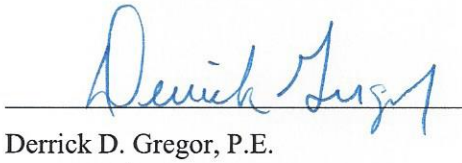
Principal Executive Officer



Jeff Bridges
Town Manager

3/31/17
Date

Principal Plan Preparer



Derrick D. Gregor, P.E.
Town Engineer

3/31/17
Date

Section 10 - 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 Wethersfield for activities located within the Town 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.

Derrick D. Gregor, P.E.
Town Engineer
P.E. License No. 22304

3/31/17
Date