

The enclosed 2017 Annual Stormwater Report for the Town of Wilton dated March 2018 was completed in accordance with Connecticut's *General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems* that became effective on July 1, 2017. This is considered a draft report by CT DEEP, and has been published for public review and comment. A hard copy is also available for review at the DPW office in the Town Hall (Annex). See below for where comments can be sent:

Public comments on this Annual Report should be sent to the Wilton DPW.

By Email: StormWater@wiltonct.org

OR

US Mail:

Wilton DPW

Town Hall Annex
238 Danbury Road
Wilton CT 06897
Attn: MS4 Coordinator



Stormwater Management Plan 2017 Annual Report

Town of Wilton
Wilton, Connecticut

March 2018

**WILTON PUBLIC WORKS DEPARTMENT
TOWN HALL ANNEX
238 Danbury Road
Wilton, Connecticut 06897**

MS4 General Permit
Town of Wilton 2017 Annual Report
Existing MS4 Permittee
Permit Number GSM 000040
[January 1, 2017 – December 31, 2017]

This report documents the Town of Wilton's efforts to comply with the conditions of the MS4 General Permit to the maximum extent practicable (MEP) from January 1, 2017 to December 31, 2017.

Part I: Summary of Minimum Control Measure Activities

1. Public Education and Outreach (Section 6 (a)(1) / page 19)

1.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
1-1 Continue public education and outreach	On-going	See Below	See Below	Town Depts, Commissions, & Partners	On-going	On-going	
1-2 Address education/ outreach for pollutants of concern	Completed	Issued Spring and Fall 2017 Newsletters	Biannual Newsletters	Conservation Commission / Environmental Affairs	Annually	12/31/2017	Mailed to every residential household in Wilton, and posted on website.
1-3 Address education/ outreach for pollutants of concern	On-going	Publish & maintain informative articles and links on website	Public Education	Conservation Commission / Environmental Affairs	Annually	12/31/2017	
1-4 Address education/ outreach for pollutants of concern	Completed	Issued Spring and Fall 2017 Newsletters	Biannual Newsletters	Norwalk River Watershed Association (NRWA)	Annually	12/31/2017	Distributed via mail, FaceBook, Instagram, and posted on website.
1-5 Address education/ outreach for pollutants of concern	On-going	Publish & maintain informative articles and links on website	Public Education	NRWA	Annually	12/31/2017	Information also distributed via FaceBook & Instagram.

1.2 Describe any Public Education and Outreach activities planned for the next year, if applicable.

All of the above activities are planned for 2018.

1.3 Details of activities implemented to educate the community on stormwater

Program Element/Activity	Audience (and number of people reached)	Topic(s) covered	Pollutant of Concern addressed (if applicable)	Responsible dept. or partner org.
<i>Bi-annual Newsletters</i>	<i>Residential Households (approx. 7,000 families)</i>	<i>Norwalk River and Kent Pond restoration & protection, Public Events</i>	<i>Hazardous & Medical Waste, etc.</i>	<i>Conservation Commission / Environmental Affairs</i>
<i>Website Articles and Links</i>	<i>Town of Wilton residents and website viewers (>7,000)</i>	<i>Impact of pesticides, herbicides, insecticides, improper leaf disposal, medical waste</i>	<i>Solids, Pesticides, Herbicides, Insecticides, Organics</i>	<i>Conservation Commission / Environmental Affairs</i>
<i>Bi-annual Newsletters</i>	<i>NRWA Members, Facebook & Instagram followers, and website viewers (>1,000). In addition, 475 are mailed.</i>	<i>Pest-management, pesticides, fracking waste disposal, stormwater runoff pollution, smart development</i>	<i>Many</i>	<i>NRWA</i>
<i>Website Articles and Links</i>	<i>NRWA Members and website viewers</i>	<i>Impact of pesticides, herbicides, insecticides, improper leaf disposal, medical waste</i>	<i>Many</i>	<i>NRWA</i>

2. Public Involvement/Participation (Section 6(a)(2) / page 21)

2.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
2-1 Comply with public notice requirements for the Stormwater Management Plan	Completed	Posted Public Notice & Stormwater Management Plan on Town Website	<u>Year 1</u> 90-day Public Notice for SMP	DPW	4/3/17	4/3/17	
2-1 Comply with public notice requirements for Annual Reports	Completed (Year 2)	Posted Public Notice and 2017 Annual Report on Town Website, Draft in DPW Office	<u>Years 2 – 5</u> 45-day Public Notice for Annual Reports	DPW	2/17/18	3/9/18	BMP Delayed due to DPW staff shortage & infrastructure issues (Former Director/Town Engineer retired Sept 2017, recently replaced)
2-2 Sponsor Town-wide and Norwalk River Clean-up	Completed	Held Town-wide and Norwalk River Clean-up	Annual Cleanup	Conservation Commission/ Environmental Affairs, Trout Unlimited – Mianus Chapter	Annually	4/22/17	Envl Affairs staff also conducted outreach to the High School junior class to educate and increase participation
2-3 Sponsor Household Hazardous Waste Day	Completed	Held Household Hazardous Waste Day	Annual Collection Day	Conservation Commission/ Environmental Affairs	Annually	10/28/17	Also includes seven other participating communities
2-4 Sponsor Unused Medicine Drive & Manage On-going Collections	Completed	Held Unused Medicine Drive, Maintain Drop-off Box at Police Station	Annual Collection	Wilton Women's Club/Wilton Police Dept.	Annually	3/4/17 (Drive) & 12/31/17 (On-going Collection/ Disposal)	
2-5 Sponsor Trees for Trout Collection Days (Christmas Tree Ecocycling)	Completed	Collected Christmas Trees from Residents (for stream bank stabilization projects)	Annual Collection Days	Trout Unlimited – Mianus Chapter	Annually	1/7/17 & 1/14/17	Town provided areas for collection & temporary stockpiling at Merwin Meadows Park
2-6 Sponsor Wilton Go Green Festival	Completed	Held Educational Event in Wilton Center	Annual Event	Wilton Go Green	Annually	5/7/17	Held in Wilton Center, & coordinated with multiple Town Departments

2.2 Describe any Public Involvement/Participation activities planned for the next year, if applicable.

BMPs 2-1 through 2-6 are planned for 2018.

2.3 Public Involvement/Participation reporting metrics

Metrics	Implemented	Date	Posted
Availability of the Stormwater Management Plan announced to public	Y	4/3/17	http://www.wiltonct.org/
Availability of Annual Report announced to public	Y	3/9/18	http://www.wiltonct.org/departments/publicworks/stormwater.html
Town-wide and Norwalk River Clean-up – Over 250 participants, over 40 cubic yards of waste material collected, weighing 2.6 tons. Involved at least 9 other groups, including Boy Scouts, Girl Scouts, Wilton High School Class of 2018, Kiwanis Club, Democratic and Republican Town Committees, A Better Chance of Wilton, the Wilton Family YMCA, and Trout Unlimited-Mianus Chapter.	Y	4/22/17	http://www.wiltonct.org/
Household Hazardous Waste Day-307 cars, with 209 Full-Household Equivalents collected, and 212 Half-Household Equivalents collected (these are based on volume of hazardous materials brought in)	Y	10/28/17	http://www.wiltonct.org/
Unused Medicine Collection – 900 pounds+/- of drugs collected and disposed of in 2017	Y	2017	On local news websites
Trees for Trout Collection Days – Collected over 300 trees.	Y	1/7/17 & 1/14/17	http://www.mianustu.org/upcomingevents/chaptercalendar.html

3. Illicit Discharge Detection and Elimination (Section 6(a)(3) and Appendix B / page 22)

3.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
3-1 Develop written IDDE program	In progress	Reviewing the CT IDDE program template for applicability	Develop written IDDE program	DPW	Jul 1, 2018		

3-2 Develop list and maps of all MS4 stormwater outfalls in priority areas	In progress	Preliminary desktop review and GIS mapping	Map Priority MS4 Outfalls	DPW	Jul 1, 2019		
3-3 Implement citizen reporting program	Completed	Town initiated SeeClickFix – illicit discharge complaint process included	Citizen Reporting Process	First Selectwoman, DPW / IT	Jul 1, 2017	9/29/17	
3-4 Establish legal authority to prohibit illicit discharges	In progress	Reviewing the IDDE legal authority requirements and ordinance template for applicability	Confirm adequacy of existing regulations or develop IDDE ordinance	DPW/P&Z/Town Counsel	Jul 1, 2018		
3-5 Develop record keeping system for IDDE tracking	On-going	Health Dept presently files this information	IDDE Tracking System	Health Dept, DPW	Jul 1, 2017	On-going	Tracking system to be revised, if needed
3-6 Address IDDE in areas with pollutants of concern	On-going	See Section 3.5	Investigate & resolve illicit discharge complaints	Health Dept, DPW	Not Specified	On-going	Existing systems are in place for investigating and resolving illicit discharges

3.2 Describe any IDDE activities planned for the next year, if applicable.

The written program will be posted to the Dept of Public Works webpage when available and a link listed in Annual Reports.

3.3 List of citizen reports of suspected illicit discharges received during this reporting period.

Date of Report	Location / suspected source	Response taken

3.4 Provide a record of illicit discharges occurring during the reporting period and SSOs occurring July 2012 through end of reporting period using the following table.

Location (Lat long/ street crossing /address and receiving water)	Date and duration of occurrence	Discharge to MS4 or surface water	Estimated volume discharged	Known or suspected cause / Responsible party	Corrective measures planned and completed (include dates)	Sampling data (if applicable)

3.5 Briefly describe the method used to track illicit discharge reports, responses to those reports, and who was responsible for tracking this information.

Incidents are typically reported to the Wilton Health Department through resident call-ins, Town staff reports, and notifications from the watershed inspector. Residents can also report illicit discharges via the SeeClickFix tool on the Town website. Incidents are investigated in the field by Health Department staff, and property owners are notified as needed. Most incidents are resolved through on-site repairs. In some cases, sampling and further investigation is conducted. The Health Department files this information.

3.6 Provide a summary of actions taken to address septic failures using the table below.

Location and nature of structure with failing septic systems	Actions taken to respond to and address the failures	Impacted waterbody or watershed, if known
<i>Collinswood Rd – single family property</i>	<i>Property owner contacted, system repaired/replaced</i>	
<i>Hillbrook Rd – single family property</i>	<i>Property owner contacted, system repaired/replaced</i>	
<i>Olmstead Hill Rd – single family property</i>	<i>Property owner contacted, system repaired/replaced</i>	
<i>Stirrup Pl – single family property</i>	<i>Property owner contacted, system repaired/replaced</i>	
<i>Wilridge Rd – single family property</i>	<i>Property owner contacted, system repaired/replaced</i>	

3.7 IDDE reporting metrics

Metrics	
Estimated or actual number of MS4 outfalls	<i>TBD</i>
Estimated or actual number of interconnections	<i>TBD</i>

Outfall mapping complete	<5%
Interconnection mapping complete	0%
System-wide mapping complete (detailed MS4 infrastructure)	<5%
Outfall assessment and priority ranking	TBD
Dry weather screening of all High and Low priority outfalls complete	TBD
Catchment investigations complete	TBD
Estimated percentage of MS4 catchment area investigated	TBD

3.8 Briefly describe the IDDE training for employees involved in carrying out IDDE tasks including what type of training is provided and how often is it given (minimum once per year).

TBD. Note that informal training on illicit discharges is provided on an on-going basis for field crews. Town Sanitarians attend training courses every two years.

4. Construction Site Runoff Control (Section 6(a)(4) / page 25)

4.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
4-1 Implement, upgrade, and enforce land use regulations to meet requirements of MS4 general permit	On-going	Enforcement of existing land use regulations	Upgrade land use regulations	P&Z, DPW	Jul 1, 2019	On-going	
4-2 Develop/Implement plan for interdepartmental coordination in site plan review and approval	On-going	Interdepartmental coordination on site plan reviews & approvals	Land Use Department Coordination	All Land Use Depts	Jul 1, 2017	On-going	
4-3 Review site plans for stormwater quality concerns	On-going	Site Plan Reviews	Stormwater quality reviews	P&Z, Environmental Affairs	Jul 1, 2017	On-going	
4-4 Conduct site inspections	On-going	Site Inspections	Inspections	P&Z, Environmental Affairs, DPW	Jul 1, 2017	On-going	

4-5 Implement procedure to allow public comment on site development	On-going	Public Meetings and Hearings	Public Comment	P&Z, Environmental Affairs, Land Use Commissions	Jul 1, 2017	On-going	
4-6 Implement procedure to notify developers about DEEP construction stormwater permit	Pending	Initiated revision process for new Plan of Conservation and Development	SW Permits for relevant projects	P&Z, Environmental Affairs	Jul 1, 2017		

4.2 Describe any Construction Site Runoff Control activities planned for the next year, if applicable.

Integrate stormwater compliance requirements into review process

5. Post-construction Stormwater Management (Section 6(a)(5) / page 27)

5.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
5-1 Establish and/or update legal authority and guidelines regarding LID and runoff reduction in site development planning	On-going	Enforcement of existing land use regulations	As stated	P&Z, Environmental Affairs	Jul 1, 2021		
5-2 Enforce LID/runoff reduction requirements for development and redevelopment projects	On-going	Enforcement of existing land use regulations	Enforce LID & stormwater reduction regs	P&Z, Environmental Affairs	Jul 1, 2019		
5-3 Identify retention and detention ponds in priority areas	Not Started		Log Town SW Measures	DPW	Jul 1, 2019		
5-4 Implement long-term maintenance plan for stormwater basins and treatment structures	Not Started		O&M Plan for Town SW measures	DPW, Other Land Use Depts	Jul 1, 2019		
5-5 DCIA mapping	Not Started		Map DCIA	DPW	Jul 1, 2020		
5-6 Address post-construction issues in areas with pollutants of concern	Not Started		As stated	DPW, Other Land Use Depts	Not specified		

5.2 Describe any Post-Construction Stormwater Management activities planned for the next year, if applicable.

TBD

5.3 Post-Construction Stormwater Management reporting metrics

Metrics	
Baseline (2012) Directly Connected Impervious Area (DCIA)	<i>Acres (TBD)</i>
DCIA disconnected (redevelopment plus retrofits)	<i>acres this year / acres total (TBD)</i>
Retrofits completed	<i># (TBD)</i>
DCIA disconnected	<i>% this year / % total since 2012 (TBD)</i>
Estimated cost of retrofits	<i>\$ (TBD)</i>
Detention or retention ponds identified	<i># this year /# total (TBD)</i>

5.4 Briefly describe the method to be used to determine baseline DCIA.

TBD

6. Pollution Prevention/Good Housekeeping (Section 6(a)(6) / page 31)

6.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
6-1 Develop/implement formal employee training program	In Progress	Retained Consultant, prepared SWPPPs	Training	DPW	Jul 1, 2017	Spring 2018	
6-2 Implement MS4 property and operations maintenance	In Progress	On-going O & M	O & M	DPW, Parks & Rec, Board of Education	Jul 1, 2018	On-going	
6-3 Implement coordination with interconnected MS4s	Not Started		Coordinate with DOT & Adjacent Municipalities	DPW	Not specified		
6-4 Develop/implement program to control other sources of pollutants to the MS4	Not Started		Coordinate with DOT & Adjacent Municipalities	DPW	Not specified		
6-5 Evaluate additional measures for discharges to impaired waters*	Not Started		Evaluation of measures	DPW	Not specified		
6-6 Track projects that disconnect DCIA	Not Started		Track Projects	DPW, P&Z	Jul 1, 2017		
6-7 Implement infrastructure repair/rehab program	On-going	Repair & rehab as needed	Infrastructure Maintenance	DPW, Parks & Rec, Board of Education	Jul 1, 2021	On-going	
6-8 Develop/implement plan to identify/prioritize retrofit projects	Not Started				Jul 1, 2020		
6-9 Implement retrofit projects to disconnect 2% of DCIA	Not Started				Jul 1, 2022		
6-10 Develop/implement street sweeping program	On-going	See Section 6.3	Street Sweeping	DPW	Jul 1, 2017	On-going	
6-11 Develop/implement catch basin cleaning program	On-going	See Section 6.3	Catchbasin Cleaning	DPW	Jul 1, 2020	On-going	Also See Section 6.4
6-12 Develop/implement snow management practices	On-going	See Section 6.3	Snow Management	DPW, Parks & Rec, Board of Ed	Jul 1, 2018	On-going	

6.2 Describe any Pollution Prevention/Good Housekeeping activities planned for the next year, if applicable.

DPW and Transfer Station staff will receive stormwater pollution prevention training in 2018. BMPs 6-2, 6-10, 6-11, and 6-12 will continue in 2018.

6.3 Pollution Prevention/ Good Housekeeping reporting metrics

Metrics	
Employee training provided for key staff	9/27/17
Street sweeping	
Curb miles swept	63.42 miles
Volume (or mass) of material collected	350 cubic yards+/-
Catch basin cleaning	
Total catch basins in priority areas	TBD
Total catch basins in MS4	3,121 +/-
Catch basins inspected	320+/-
Catch basins cleaned	220 +/-
Volume (or mass) of material removed from all catch basins	>100 cy
Volume removed from catch basins to impaired waters (if known)	
Snow management	
Type(s) of deicing material used	NaCl
Total amount of each deicing material applied	2,500 tons +/-
Type(s) of deicing equipment used	Truck-mounted Spreaders
Lane-miles treated	254.5 miles
Snow disposal location	Town Right-of-Way
Staff training provided on application methods & equipment	11/30/17 & 12/6/17
Lands with high potential to contribute bacteria (dog parks, parks with open water, & sites with failing septic systems)	
Cost of mitigation actions/retrofits	

6.4 Catch basin cleaning program

Briefly describe the method used to optimize your catch basin inspection and cleaning schedule.

Catchbasins are cleaned during road prep before paving; for priority areas annually or as needed; and in response to resident, Town staff, and watershed inspector notifications. The Town has over 3,100 catchbasins and one 1994 jet-vac truck. As the Town is in the midst of a multi-year road restoration program, paving 15 miles per year versus 5 miles previously, our highway department crews are necessarily focused on the road program but address catchbasin issues as needed.

6.5 Retrofit program

Briefly describe the Retrofit Program identification and prioritization process, the projects selected for implementation, the rationale for the selection of those projects and the total DCIA to be disconnected upon completion of each project. [\[Section to be completed for the 2019 Annual Report.\]](#)

TBD

Describe plans for continuing the Retrofit program and how to achieve a goal of 1% DCIA disconnection in future years. [\[Section to be completed for the 2019 Annual Report.\]](#)

TBD

Describe plans for continuing the Retrofit program beyond this permit term with the goal to disconnect 1% DCIA annually over the next 5 years. [\[Section to be completed for the 2019 Annual Report.\]](#)

TBD

Part IV: 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."

Chief Elected Official or Principal Executive Officer	Document Prepared by
Print name:	Print name:
Signature / Date:	Signature / Date: