



Connecticut Department of
Energy & Environmental Protection
Bureau of Materials Management & Compliance Assurance
Water Permitting & Enforcement Division

MS4 Annual Report Transmittal Form

For the General Permit to Discharge Stormwater from Small Municipal Separate Storm Sewer Systems (MS4)

Print or type unless otherwise noted. Please submit this completed transmittal form, fee, and the MS4 Annual Report as indicated at the end of this form.

CPPU USE ONLY

App #: _____

Doc #: _____

Check #: _____

Program: Stormwater Permits

Part I: Annual Report General Information

- Reporting Period (Calendar Year): 2020
- Provide the registration number for the existing general permit registration: GSM 000040

3. Registrant Type (check one):

Fees

☐ state institution/agency

\$375.00 [713]

☐ federal institution/agency

\$375.00 [713]

☒ municipality

\$187.50 [713]

- Municipality name or Municipality name where institution is located: Town of Wilton

The annual report will not be processed without the fee. The fee shall be non-refundable and shall be paid by check or money order to the Department of Energy and Environmental Protection (DEEP) or by such other method as the commissioner may allow.

Part II: Registrant Information

- Registrant (Name of Municipality or State or Federal Institution/Agency): Town of Wilton
Mailing Address: 238 Danbury Road
City/Town: Wilton State: CT Zip Code: 06897
Business Phone: 203-563-0100 ext.: _____
Contact Person: Lynn Vanderslice, First Selectwoman Phone: 203-563-0100 ext. _____
*E-mail: _____

*By providing this e-mail address you are agreeing to receive official correspondence from DEEP, at this electronic address, concerning the subject registration. Please remember to check your security settings to be sure you can receive e-mails from "ct.gov" addresses. Also, please notify DEEP if your e-mail address changes.

Part II: Registrant Information (continued)

2. Billing contact, if different than the registrant.

Name: **Wilton DPW**

Mailing Address: 238 Danbury Road

City/Town: Wilton

State: CT

Zip Code: 06897

Business Phone: 203-563-0152

ext.:

Contact Person: Frank Smeriglio, PE, Assistant Director of Public Works/Town Engineer Phone: 203-563-0152 ext.

E-mail: frank.smeriglio@wiltonct.org

3. Primary contact for departmental correspondence and inquiries, if different than the registrant.

Name: **Wilton DPW**

Mailing Address: 238 Danbury Road

City/Town: Wilton

State: CT

Zip Code: 06897

Business Phone: 203-563-0152

ext.:

Contact Person: Frank Smeriglio, PE

Phone: 203-563-0152 ext.

*E-mail: frank.smeriglio@wiltonct.org

*By providing this e-mail address you are agreeing to receive official correspondence from DEEP, at this electronic address, concerning the subject registration. Please remember to check your security settings to be sure you can receive e-mails from "ct.gov" addresses. Also, please notify DEEP if your e-mail address changes.

4. Engineer(s) or other consultant(s) employed or retained to assist in preparing the annual report.

☐ Check here if additional sheets are necessary, and label and attach them to this sheet.

Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Contact Person:

Phone:

ext.

E-mail:

Service Provided:

5. ☐ Check here if there are adjacent towns or other entities with which implementation of the Stormwater Management Plan is coordinated for a portion of the subject MS4. If so, provide the names of such towns or entities: _____

Part III: Registrant Certification

The registrant *and* the individual(s) responsible for actually preparing the annual report must sign this part. [If the registrant is the preparer, please mark N/A in the spaces provided for the preparer.]

"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 the individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief.

I certify that this annual report transmittal is on complete and accurate forms as prescribed by the commissioner without alteration of the text.

I certify that the following public notice requirements have been met.

- ☒ **Annual Report Availability:** At least forty-five (45) days prior to submission of each Annual Report to DEEP, pursuant to Section 4(d)(3) of the MS4 General Permit, each permittee shall make available for public review and comment a draft copy of the complete Annual Report. Comments on the Annual Report may be made to the permittee and are *not* submitted to DEEP. Reasonable efforts to inform the public of this document shall be undertaken by the permittee. Such draft copies shall be made available electronically on the permittee's website for public inspection and copying, consistent with the federal and state Freedom of Information Acts, and shall be made available, at a minimum, at one of the following locations: the permittee's main office or other designated municipal or institution office, a local library or other central publicly available location. Following submission of the Annual Report to DEEP, a copy of the final report shall be made available for public inspection during regular business hours.

I understand that a false statement in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the General Statutes, pursuant to section 53a-157b of the General Statutes, and in accordance with any other applicable statute.

I also certify that the signature of the registrant, or a duly authorized representative, being submitted herewith complies with section 22a-430-3(b)(2)(B) of the Regulations of Connecticut State Agencies.



March 31, 2021

Signature of Chief Elected official or Principal Executive Officer

Date

Lynne Vanderslice

First Selectwoman

Printed Name of Chief Elected official or Principal Executive Officer

Title (if applicable)



March 31, 2021

Signature of Preparer (if different than above)

Date

Frank Smeriglio, P.E.

Assistant Dir. of PW/ Town Engineer

Printed Name of Preparer

Title (if applicable)

Note: Please submit 1) this completed Transmittal Form and the Fee to:

CENTRAL PERMIT PROCESSING UNIT
DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
79 ELM STREET
HARTFORD, CT 06106-5127

- 2) a copy of this completed Transmittal Form and the Annual Report electronically to the following email address: DEEP.StormwaterStaff@ct.gov.

Refer to www.ct.gov/deep/municipalstormwater for information on Annual Report Templates or other additional information concerning the MS4 General Permit.

In the event that electronic submission is not available or possible, please contact the Stormwater Section at 860-424-3025.



2020 ANNUAL STORMWATER REPORT

Town of Wilton
Connecticut

April 1, 2021

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

MS4 General Permit
Town of Wilton 2020 Annual Report
Existing MS4 Permittee
Permit Number GSM 000040
(January 1, 2020 – December 31, 2020)

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, 2019 to December 31, 2019.

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	Publish & maintain informative articles and links on website	Biannual Newsletters via website	Conservation Commission / Environmental Affairs	Annually	12/31/2020	
1-3 Address education/ outreach for pollutants of concern	Completed	Publish & maintain informative articles and links on website	Public Education	Conservation Commission / Environmental Affairs	Annually	12/31/2020	

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	Comply with <u>permit</u> <u>requirements</u>	DPW	4/3/18	4/3/18	
2-1 Comply with public notice requirements for Annual Reports	Completed	Posted Public Notice and 2020 Annual Report on Town Website, Draft in DPW Office	Years 2 – 5 30-day Public Notice for Annual Reports	DPW	2/15/21	2/15/21	Draft and Final Annual report is placed on Town Website
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 DPW	Annually	Annually – September 26, 2020	
2-3 Sponsor Household Hazardous Waste Day	Completed	Held Household Hazardous Waste Day	Annual Collection Day	DPW	Annually	Cancelled for 2020	It was initially set up for 10/17/20 – but was cancelled
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 Police Dept.	Annually	1/1/20 - 12/31/20 (On-going Collection/ Disposal)	
2-5 Sponsor Trees for Trout Collection Days (Christmas Tree Recycling)	Completed	Collected Christmas Trees from Residents (for stream bank stabilization projects)	Annual Collection Days	Trout Unlimited – Mianus Chapter	Annually	Annually	Town provided areas for collection & temporary stockpiling at Merwin Meadows Park

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

BMPs 2-1 through 2-5 are planned for 2021.

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	2/15/21	http://www.wiltonct.org/departments/publicworks/stormwater.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, 2020	In progress	
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, 2018	On-going	Created a GIS Collector application to locate outfall. Input of drainage system is ongoing.

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	Tracking is on-going
3-4 Establish legal authority to prohibit illicit discharges	In progress	Reviewing the IDDE legal authority and ordinance template for applicability	Confirm adequacy of existing regulations or develop IDDE ordinance	DPW/P&Z/Town Counsel	Jul 1, 2018	In-progress	
3-5 Develop record keeping system for IDDE tracking	Complete	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
No reported discharges via SeeClickFix		

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)
No reported discharges via SeeClickFix						

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. Also, the Highway department investigates drainage system as part of the Town's Paving program. Drainage Infrastructure within 15 miles of road are inspected annually. Illicit discharges are investigated as part of the process.

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
Cherry Lane – single family property	Property owner contacted, system repaired/replaced	
Collinswood road – single family property	Property owner contacted, system repaired/replaced	
Wilridge Road – single family property	Property owner contacted, system repaired/replaced	
Westfield Rd – single family property	Property owner contacted, system repaired/replaced	
Washington Post – single family property	Property owner contacted, system repaired/replaced	

3.7 IDDE reporting metrics

Metrics

Estimated or actual number of MS4 outfalls	Currently, 142 outfalls have been mapped on GIS- inputting additional outfalls is ongoing. There are many pipes on GIS indicating the discharge location, but may not be labeled as "Outfalls"
Estimated or actual number of interconnections	Unknown
Outfall mapping complete	<50% - Currently, 64 outfalls have been mapped on GIS- inputting additional outfalls is ongoing.
Interconnection mapping complete	Currently, 1607 pipe interconnections have been mapped on GIS. Inputting additional pipe interconnects is ongoing
System-wide mapping complete (detailed MS4 infrastructure)	<60%
Outfall assessment and priority ranking	Highway foreman observes outfalls for 15 miles of roads (out of 127 miles total) each year for structural deficiencies or illicit discharges. Developing a tracking tool to collect this information is ongoing.
Dry weather screening of all High and Low priority outfalls complete	Highway foreman observes outfalls for 15 miles of roads (out of 127 miles total) each year for structural deficiencies or illicit discharges. Developing a tracking tool to collect this information is ongoing. Any potential flowing water during dry weather conditions is not tested by our foreman.
Catchment investigations complete	TBD
Estimated percentage of MS4 catchment area investigated	TBD

PLEASE NOTE: GIS COLLECTOR APPLICATION WAS IMPLEMENTED IN OCTOBER OF 2019 TO CAPTURE STORM INFRASTRUCTURE, IMPROVEMENT AND INVENTORY. THE TOWN IS IN THE PROCESS OF OBTAINING A GIS COLLECTOR APP TO ASSIST IN CAPTURING DRY WEATHER SCREENING AT OUTFALLS.

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).

informal training on illicit discharges is provided on an on-going basis for field crews. A meeting was held on September 11, 2019 with Highway department staff.

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	Completed	Interdepartmental coordination on site plan reviews & approvals	Land Use Department Coordination	All Land Use Depts	Jul 1, 2017	On-going	All Land use departments are located near each other. Building permit signoff sheet exists,
4-3 Review site plans for stormwater quality concerns	Completed	Site Plan Reviews	Stormwater quality reviews	P&Z, Environmental Affairs	Jul 1, 2017	On-going	Plan development proposals requiring Zoning and/or environmental approvals are reviewed for stormwater quality.
4-4 Conduct site inspections	Completed	Site Inspections	Inspections	P&Z, Environmental Affairs, DPW	Jul 1, 2017	On-going	Environmental Affairs conducted
4-5 Implement procedure to allow public comment on site development	Completed	Public Meetings and Hearings	Public Comment	P&Z, Environmental Affairs, Land Use Commissions	Jul 1, 2017	On-going	Public comments are allowed for P&Z applications and Environmental Affairs applications
4-6 Implement procedure to notify developers about DEEP construction stormwater permit	Pending	As part of plan review process – any potential DEEP permit shall be included in the plan review letter.	SW Permits for relevant projects	P&Z, Environmental Affairs	Jul 1, 2017	On-going	

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

1. Continue to enforce existing regulations.
2. Continue to utilize the SeeClickFix system to track citizen reports
3. Map storm system into GIS layers
4. Identify interconnected MS4's
5. Continue notification to applicants of their potential obligation to register for the Construction General Permit
6. Continue to Integrate stormwater compliance requirements into review process for the Connecticut General Permit.

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	Evaluate existing ordinances. Enforcement of existing land use regulations	As stated	P&Z, Environmental Affairs, Engineering Department	Jul 1, 2022	7/1/22	
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, Engineering Dept.	Jul 1, 2022	On-going	
5-3 Identify retention and detention ponds in priority areas	On-going	The town will identify known private and public detention ponds	Log Town SW Measures	DPW	Jul 1, 2022	Projected 2022	
5-4 Implement long-term maintenance plan for stormwater basins and treatment structures	Completed	Planning & Zoning regulation require owners to maintain their detention systems. Maintenance plan is filed on the Land Records	O&M Plan for Town SW measures	DPW, Other Land Use Depts	Jul 1, 2022	Projected 2022	
5-5 DCIA mapping	Complete	The Town utilized the state's DCIA mapping to determine the DCIA baseline.	Map DCIA	DPW	Jul 1, 2020	March 3, 2020	Refer to appendix 1 – attached.
5-6 Address post-construction issues in areas with pollutants of concern	On-going	Identify Erosion & sediment problems. Develop short and long term solutions.	As stated	DPW, Other Land Use Depts	Not specified	On-going	
5-7 Turf reductions	On-going	The town's wetlands regulations required applicants to preserve as much as the natural buffer as possible	As stated	DPW, Other Land Use Depts	Jul 1, 2018	Ongoing	

S-8 Require consistency with the 2004 Connecticut Stormwater Quality Manual	On-going	Through the P&Z process, drainage requirements are indicated	As stated	DPW, Other Land Use Depts	Jul 1, 2018	On-going
S-9 Coordination with Local Health Department	On-going	The local Health Department is included on application reviews as warranted	Continue activity.	DPW, Other Land Use Depts	Jul 1, 2018	On-going

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

1. Identify Public and Private retention/detention ponds in priority areas
2. Calculate DCIA for outfalls.
3. Address post-construction sediment and erosion control issues as they occur.
4. Continue to encourage preservation and enhancement of natural buffers.
5. Continue to require consistency with the 2004 Stormwater Quality Manual.
6. Continue to coordinate application reviews with the local Health Department.

5.3 Post-Construction Stormwater Management reporting metrics

Metrics	
Baseline (2012) Directly Connected Impervious Area (DCIA)	609.47 Acres (see appendix 1)
DCIA disconnected (redevelopment plus retrofits)	TBD acres this year /TBD acres total
Retrofits completed	0 in 2019; 0 in 2020 (see Appendix 1)
DCIA disconnected	TBD this year /TBD % total since 2012 (TBD)
Estimated cost of retrofits	TBD Unavailable –
Detention or retention ponds identified	# this year /# total (TBD)

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

The Town utilized the CTDEEP impervious coverage layer. The Town went through each of the basin areas, then adjusted the DCIA by categorizing the areas and calculated the adjusted DCIA areas.

There were many retrofit projects since 2012 in Wilton Ct. These retrofits were through development of Private property. These projects and calculations will be determined on an on-going basis. They will be summarized on and on-going basis.

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	Complete	Retained Consultant, prepared SWPPPs	Training	DPW	Jul 1, 2017	On-going	Recent training occurred on September 11, 2019
6-2 Implement MS4 property and operations maintenance	Complete	On-going O & M	O & M	DPW, Parks & Rec, Board of Education	Jul 1, 2018	On-going	Highway Department investigates drainage system on 15 miles of road out of 127 miles each year.
6-3 Implement coordination with interconnected MS4s	In Progress		Coordinate with DOT & Adjacent Municipalities	DPW	Not specified	On-going	Continue to review State as-built drawings to investigate interconnect.
6-4 Develop/implement program to control other sources of pollutants to the MS4	In Progress	Develop a list of facilities in Town not required to register under the Industrial Stormwater Permit, and review screening and monitoring results as they become available.	Coordinate with DOT & Adjacent Municipalities, and review registrant list	DPW	Not specified	On-going	
6-5 Evaluate additional measures for discharges to impaired waters*	On-going	Town evaluates drainage system on paving priority roads	Evaluation of measures	DPW	Not specified	On-going	
6-6 Track projects that disconnect DCIA	On-going	The town will begin to track the DCIA coverage.	Track Projects	DPW, P&Z	Jul 1, 2017	On-going	Currently, when Commercial properties are applying for P&Z approval for developments, their retention system is set up to provide disconnection to down stream drainage system (when practical). This information is tracked in form of an as-built drawing – but not calculated. This is on-going. There were many

6-7 Implement infrastructure repair/rehab program	Complete	Repair & rehab infrastructure as part of our Roadway paving plan.	Infrastructure Maintenance	DPW, Parks & Rec, Board of Education	Jul 1, 2021	On-going	projects completed since 2012
6-8 Develop/implement plan to identify/prioritize retrofit projects	On-going	Repair & rehab infrastructure as part of our Roadway paving plan.	Infrastructure Maintenance	DPW, Parks & Rec, Board of Education	Jul 1, 2020	On-going	
6-9 Implement retrofit projects to disconnect 2% of DCIA	In progress	The Town has not identified any opportunities for DCIA disconnections. The Town will continue to look for opportunities on its facilities and with developers.	Disconnect 2% of the Town's DCIA	Town Engineer	Jul 1, 2022	On-going	Currently, when Commercial properties are applying for P&Z approval for developments, their retention system is set up to provide disconnection to down stream drainage system (when practical). This information is tracked in form of an as-built drawing – Many retrofit projects occurred since 2012 – but not calculated.
6-10 Develop/implement street sweeping program	Complete	The Town sweeps its roads as part of sweeping program. A list of roads swept in any given year is recorded.	Street Sweeping	DPW	Jul 1, 2017	On-going	
6-11 Develop/implement catch basin cleaning program	Complete	Catch basins are inspected as part of the paving program and cleaned as needed.	Catchbasin Cleaning	DPW	Jul 1, 2020	On-going	
6-12 Develop/implement snow management practices	Complete	Snow Management policies are in place and are in the process of being updated.	Snow Management	DPW, Parks & Rec, Board of Ed	Jul 1, 2018	On-going	The Town minimizes the use of sand on its roadways.

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

1. Continue employee training programs
2. Continue to institute requirements of the Industrial general Permit SWPPP.
3. Identify interconnected MS4s.
4. Identify potential contributors from General Permit non-registrants.
5. Continue existing infrastructure repair policies.
6. Track DCIA disconnection.
7. Perform infrastructure repairs as needed and as funding is available. Highway personnel investigates storm infrastructure on 15 miles of road out of 127 miles total. Catch basin tops are replaced, cb's are repaired and cleaned as needed.

6.3 Pollution Prevention/ Good Housekeeping reporting metrics

Metrics	9/11/19
Employee training provided for key staff	
Street sweeping	
Curb miles swept	58.13 miles
Volume (or mass) of material collected	Un determined
Catch basin cleaning	TBD
Total catch basins in priority areas	3,174 +/-
Total catch basins in MS4	382+/- in 2020; 1,271 +/- since July 2017
Catch basins inspected	382 +/-
Catch basins cleaned	Approx 60 cy
Volume (or mass) of material removed from all catch basins	TBD
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	DPW personnel attended training on 11/30/17 & 12/6/17. New hires attended training in Fall of 2018. Assistant DPW Director and Highway Superintendant attended Zoom class on December 22, 2020.

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.

Catch basins are cleaned based on numerous factors. 1) Residents can inform the town through SeeClick Fix program. 2) Highway supervisors observe catch basins in the high priority areas and all other areas. 3) Catch basin were cleaned and repaired as part of road prep before paving. The Town has over 3,100 catchbasins and one 1994 jet-vac truck. The Town has implemented a Collector Application to track catch basin cleaning, dates cleaned, etc. Storm Infrastructures located within 15 miles of the Wilton's 127 miles are inspected and cleaned as needed. Since the issuance of the current MS4 permit in July 2017, 1271 out of 3174 cb's were repaired – each were inspected, new cb tops replaced, loose joints were cemented and cb's were cleaned if debris existed above the outlet invert.

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.

Projects are identified on an as-needed basis, and implemented based upon perceived benefit or potential impact to water quality. Infrastructure located within 15 miles of the Wilton's 127 miles are inspected and repaired on a yearly basis. In 2019, 337 catch basins were repaired – each were inspected, new cb tops replaced, loose joints were cemented and cb's were cleaned if debris existed above the invert. Since the issuance of the current MS4 permit in July 2017, 1271 out of 3174 cb's were repaired – each were inspected, new cb tops replaced, loose joints were cemented and cleaned...

Describe plans for continuing the Retrofit program and how to achieve a goal of 1% DCIA disconnection in future years.

The retrofit program will continue to proceed on an as-needed basis, as funding is made available. The Town is evaluating its properties to identify potential disconnection opportunities, and looks for disconnection opportunities in site plan applications. Currently, when Commercial properties are applying for P&Z approval for developments, their retention system is set up to provide disconnection to down stream drainage system (when practical). This information is tracked in form of an as-built drawing – but not calculated.

Describe plans for continuing the Retrofit program beyond this permit term with the goal to disconnect 1% DCIA annually over the next 5 years.

The Town will continue with its existing process for implementing its own projects, and also for reviewing Town projects and site application as they come in for review to help achieve the DCIA reduction goals. Currently, when Commercial properties are applying for P&Z approval for developments, their retention system is set up to provide disconnection to down stream drainage system (when practical). This information is tracked in form of an as-built drawing – but not calculated.

Part IV: Certification

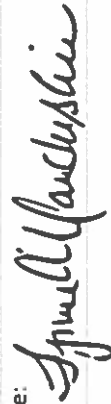
"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate 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

Print name: Lynne Vanderslice (First Selectwoman)

Lynne A Vanderslice

Signature / Date:



Document Prepared by

Print name: Frank Smeriglio, P.E. (Town Engineer)

Signature / Date:

 March 31, 2021

March 31, 2021

Town of Wilton DCIA Computation - Attachment #1 (Updated 2-15-2021)

Subbasin ID Number	Local Basin	Sub Regional Basin Area	Clipped Basin Area (acres)	Total Impervious (acres)	Total Impervious (%)	Categorization	Adjusted DCIA (%)	Adjusted DCIA (acres)	Rationale	Adjusted DCIA Area per Disconnected Property Development after 2012 (Acres)	Adjusted DCIA Percent per Disconnected Property Development after 2012 (%)
7200-26-1	7200-26	Saugatuck River	15.93	2.74	17.22	4	5.05	0.80	Low Density residential		
7200-31-1-11	7200-31	Saugatuck River	253.63	38.2	15.06	3	5.84	14.82	Medium Density residential		
7200-31-1-12	7200-31	Saugatuck River	43.12	7.73	17.93	4	5.41	2.33	Low Density residential		
7200-31-1-13	7200-31	Saugatuck River	6.27	0.93	14.83	4	3.92	0.25	Low Density residential		
7203-04-1	7203-04	West Branch Saugatuck River	219.34	24.01	10.95	4	2.34	5.13	Low Density residential		
7203-05-1	7203-05	West Branch Saugatuck River	181.73	22.8	12.55	4	2.95	5.36	Low Density residential		
7203-06-1	7203-06	West Branch Saugatuck River	69.59	9.6	13.79	4	3.46	2.41	Low Density residential		
7203-00-1	7203-00	West Branch Saugatuck River	106.65	1.26	1.19	4	0.05	0.06	Low Density residential		
7203-00-2-04	7203-00	West Branch Saugatuck River	289.78	37.37	12.89	4	3.09	8.94	Low Density residential		
7203-00-2-05	7203-00	West Branch Saugatuck River	496.2	57.35	11.56	4	2.57	12.73	Low Density residential		
7203-05-1-11	7203-05	West Branch Saugatuck River	335.4	39.22	11.7	4	2.62	8.78	Low Density residential		
7203-06-1-11	7203-06	West Branch Saugatuck River	79.93	10.99	13.75	4	3.44	2.75	Low Density residential		
7300-06-3	7300-06	Norwalk River	1.5	0.15	10.18	4	2.07	0.03	Low Density residential		
7300-08-1	7300-08	Norwalk River	337.1	28.59	8.48	4	1.51	5.11	Low Density residential		
7300-10-1	7300-10	Norwalk River	34.15	1.43	4.2	4	0.46	0.16	Low Density residential		
7300-11-1	7300-11	Norwalk River	366.96	48.76	13.29	3	4.84	17.78	Medium Density residential		
7300-12-1	7300-12	Norwalk River	640.31	61.27	9.57	4	1.86	11.91	Low Density residential		
7300-00-2-15	7300-00	Norwalk River	73.73	24.39	33.08	2	26.64	19.64	High Density Residential, commercial, industrial		
7300-00-2-16	7300-00	Norwalk River	248.65	22.01	8.85	4	1.63	4.05	Low Density residential		
7300-00-2-17	7300-00	Norwalk River	399.15	80.5	20.17	3	9.06	36.16	Medium Density residential		
7300-00-2-05	7300-00	Norwalk River	19.61	4.2	21.43	2	15.82	3.10	High Density Residential, commercial, industrial		
7300-00-2-06	7300-00	Norwalk River	11.21	2.28	20.35	2	14.87	1.67	High Density Residential, commercial, industrial		
7300-00-2-07	7300-00	Norwalk River	785.4	88.16	11.22	2	7.28	57.17	High Density Residential, commercial, industrial		
7300-00-2-08	7300-00	Norwalk River	213.63	27.69	12.96	2	8.65	18.49	High Density Residential, commercial, industrial		
7300-00-2-09	7300-00	Norwalk River	41.81	4.9	11.71	4	2.62	1.10	Low Density residential		
7300-00-3-18	7300-00	Norwalk River	51.95	8.18	15.75	3	6.25	3.25	Medium Density residential		
7300-00-3-01	7300-00	Norwalk River	631.57	150.55	23.84	3	11.64	73.52	Medium Density residential	72.98	11.56

Town of Wilton DCIA Computation - Attachment #1 (Updated 2-15-2021)											
Subbasin ID Number	Local Basin	Sub Regional Basin Area	Clipped Basin Area	Total Impervious (acres)	Total Impervious (%)	Categorization	Adjusted DCIA (%)	Adjusted DCIA (acres)	Rationale	Adjusted DCIA Area per Disconnected Property Development after 2012 (Acres)	Adjusted DCIA Percent per Disconnected Property Development after 2012 (%)
7200-26-1	7200-26	Saugatuck River	15.93	2.74	17.22	4	5.05	0.80	Low Density residential		
7200-31-1-11	7200-31	Saugatuck River	253.63	38.2	15.06	3	5.84	14.82	Medium Density residential		
7300-00-3-R2	7300-00	Norwalk River	27.83	2.34	8.4	4	1.49	0.41	Low Density residential		
7300-00-3-R3	7300-00	Norwalk River	196.72	55.76	28.34	2	22.13	43.53	High Density Residential, commercial, industrial		
7300-00-3-R4	7300-00	Norwalk River	232.67	39.59	17.02	3	7.02	16.34	Medium Density residential		
7300-00-3-R5	7300-00	Norwalk River	43.07	5.04	11.71	4	2.62	1.13	Low Density residential		
7300-07-1*	7300-07	Norwalk River	11.22	0.88	7.84	4	1.33	0.15	Low Density residential		
7300-07-1-13	7300-07	Norwalk River	37.45	3.39	9.04	4	1.69	0.63	Low Density residential		
7300-10-1-11	7300-10	Norwalk River	351.48	14.96	4.26	5	0.18	0.64	Reservoir forested, natural areas		
7300-11-1-11	7300-11	Norwalk River	186.6	18	9.64	4	1.88	3.51	Low Density residential		
7300-13-1	7300-13	Norwalk River	606.38	63.15	10.41	5	1.08	6.57	Reservoir forested, natural areas		
7300-14-1	7300-14	Norwalk River	18.13	7.96	43.91	1	43.91	7.96	High Density Residential, commercial, industrial		
7300-14-1-11	7300-14	Norwalk River	280.02	41.36	14.77	3	5.68	15.89	Medium Density residential		
7300-15-1	7300-15	Norwalk River	582.4	105.93	18.19	3	7.76	45.18	Medium Density residential		
7300-16-1	7300-16	Norwalk River	181.45	24.73	13.63	4	3.39	6.16	Low Density residential		
7301-01-1	7301-01	Comstock Brook	374.54	28	7.48	4	1.22	4.58	Low Density residential		
7301-03-1	7301-03	Comstock Brook	230.33	20.14	8.74	4	1.59	3.67	Low Density residential		
7301-00-1	7301-00	Comstock Brook	208.7	15.5	7.43	4	1.21	2.53	Low Density residential		
7301-00-2-01	7301-00	Comstock Brook	150.54	12.93	8.59	4	1.55	2.33	Low Density residential		
7301-00-2-R1	7301-00	Comstock Brook	460.66	33	7.16	4	1.14	5.23	Low Density residential		
7301-00-2-R2	7301-00	Comstock Brook	545.61	69.08	12.66	4	2.99	16.33	Low Density residential		
7301-01-1-12	7301-01	Comstock Brook	14.9	1.73	11.64	4	2.60	0.39	Low Density residential		
7301-02-1*	7301-02	Comstock Brook	141.16	12.03	8.53	4	1.53	2.16	Low Density residential		
7301-02-1-11	7301-02	Comstock Brook	525.57	37.61	7.16	4	1.14	5.97	Low Density residential		
7301-04-1*	7301-04	Comstock Brook	115.49	13.84	11.98	4	2.73	3.15	Low Density residential		
7301-04-1-11	7301-04	Comstock Brook	15.6	2.12	13.57	4	3.37	0.53	Low Density residential		
7301-04-1-12	7301-04	Comstock Brook	1,764.55	91.26	7.22	5	0.52	6.59	Reservoir forested, natural areas		

Town of Wilton DCIA Computation - Attachment #1 (Updated 2-15-2021)

Subbasin ID Number	Local Basin	Sub Regional Basin Area	Clipped Basin Area (acres)	Total Impervious (acres)	Total Impervious (%)	Categorization	Adjusted DCIA (%)	Adjusted DCIA (acres)	Rationale	Adjusted DCIA Area per Disconnected Property Development after 2012 (Acres)	Adjusted DCIA Percent per Disconnected Property Development after 2012 (%)
7200-26-1	7200-26	Saugatuck River	15.93	2.74	17.22	4	5.05	0.80	Low Density residential		
7200-31-1-1	7200-31	Saugatuck River	253.63	38.2	15.06	3	5.84	14.82	Medium Density residential		
7302-00-2-R4	7302-00	Silvermine River	2.16	0.5	23.2	4	8.38	0.18	Low Density residential		
7302-03-1	7302-03	Silvermine River	75.16	7.6	10.11	4	2.04	1.54	Low Density residential		
7302-04-1	7302-04	Silvermine River	362.24	34.48	9.52	4	1.84	6.68	Low Density residential		
7302-05-1	7302-05	Silvermine River	265.61	25.12	9.46	4	1.82	4.85	Low Density residential		
7302-07-1	7302-07	Silvermine River	226.73	22.64	9.98	4	2.00	4.53	Low Density residential		
7302-09-1	7302-09	Silvermine River	145.17	8.96	6.17	4	0.88	1.28	Low Density residential		
7302-10-1	7302-10	Silvermine River	41.83	2.55	6.1	4	0.87	0.36	Low Density residential		
7302-12-1	7302-12	Silvermine River	8.07	0.27	3.34	4	0.31	0.03	Low Density residential		
7302-00-1-1-2	7302-00	Silvermine River	112.64	12.39	11	4	2.36	2.66	Low Density residential		
7302-00-2-R2	7302-00	Silvermine River	6.37	0.9	14.05	3	5.27	0.34	Medium Density residential		
7302-00-2-R3	7302-00	Silvermine River	124.94	19.58	15.67	4	4.30	5.38	Low Density residential		
7302-00-2-R5	7302-00	Silvermine River	76.98	8.67	11.19	3	3.74	2.88	Medium Density residential		
7302-01-2-R2	7302-01	Silvermine River	31.42	4.56	14.5	4	3.77	1.18	Low Density residential		
7302-04-2-1	7302-04	Silvermine River	40.03	4.18	10.44	4	2.16	0.86	Low Density residential		
7302-04-2-R1	7302-04	Silvermine River	299.07	27.96	9.35	4	1.79	5.35	Low Density residential		
7302-09-2-R1	7302-09	Silvermine River	12.87	0.91	7.09	4	1.12	0.14	Low Density residential		
7302-10-1-1	7302-10	Silvermine River	254.19	20.54	8.08	4	1.40	3.55	Low Density residential		
7302-11-1*	7302-11	Silvermine River	315.73	36.88	11.68	4	2.61	8.24	Low Density residential		
7302-11-1-1	7302-11	Silvermine River	266.13	28.17	10.59	4	2.21	5.88	Low Density residential		
7302-11-1-1-2	7302-11	Silvermine River	64.85	5.64	8.69	4	1.58	1.02	Low Density residential		
7302-12-1-1	7302-12	Silvermine River	50.27	7.48	14.88	4	3.94	1.98	Low Density residential		
7302-12-1-2	7302-12	Silvermine River	73.35	7.81	10.65	4	2.23	1.64	Low Density residential		
7302-12-1-3	7302-12	Silvermine River	496.99	34.03	6.85	4	1.05	5.24	Low Density residential		
7302-13-1*	7302-13	Silvermine River	326.13	37.54	11.51	3	3.90	12.74	Medium Density residential		
7302-13-1-1	7302-13	Silvermine River	824.15	48.68	5.91	5	0.349281	2.88	Reservoir forested, natural area		

