Environmental Services

Engineering Services

2024 Annual Report

Town of East Granby
9 Center Street
East Granby, Connecticut

2017 MS4 General Permit
Existing Permittee
Permit Number GSM000089

February 2025

Prepared for:

Town of East Granby
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Prepared by:

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INTRODUCTION

This Annual Report has been prepared for the Town of East Granby in compliance with the Connecticut Department of Energy & Environmental Protection (CT DEEP) General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems (MS4) (MS4 General Permit), effective July 1, 2017. This report documents the efforts of the Town of East Granby to comply with the conditions of the MS4 General Permit to the maximum extent practicable (MEP) for the period of January 1, 2024 to December 31, 2024.

The 2024 Annual Report for the Town of East Granby is presented on the following pages. As a note, under Status in each BMP Summary table, "In progress" means the BMP has yet to be completed, and "Ongoing" means the BMP has been completed and upkeep/maintenance of it continues.

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 responsible	Due	Completion date	Additional details
1-1 Implement public education and outreach	Ongoing	None	SWMP posted to website	Planning & Zoning	Start by July 1, 2017	Ongoing	Stormwater Management Plan and all Annual Reports have been posted on the Town website and are available in the Land Use Department. The MS4 General Permit is also available
1-2 Address education/outreach for pollutants of concern	Ongoing	None	SWMP posted to website	Planning & Zoning	Start by July 1, 2017	Ongoing	Info regarding IDDE program will be posted to website

1.2 DESCRIBE ANY PUBLIC EDUCATION AND OUTREACH ACTIVITIES PLANNED FOR THE NEXT YEAR, IF APPLICABLE.

Town website will be further updated to include the following info:

- Links to EPA Stormwater Discharges from Municipal Sources website and the UConn NEMO Connecticut MS4 Guide.
- Info regarding IDDE program will be posted to website. Once posted, a banner on website indicating new info will be added.

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.
Printed info available in Land Use Department at Town Hall and online on the Engineering Department web page.	General public	Stormwater pollution prevention and waste minimization	NA	Planning & Zoning
Town website has mapping including natural and cultural resources which includes water resources, water quality, water-sheds, LID suitability, etc.; stormwater management and sewer mapping.	General public	Stormwater management	NA	Planning & Zoning
Town ordinances, zoning and subdivision regulations to detail how to get approval for stormwater management systems for new commercial and residential development are posted on Town website.	General public, developers	Stormwater management	NA	Planning & Zoning
LID Design Manual and LID Educational Booklet detailing BMPs for stormwater management posted on Town website.	General public, developers	Stormwater management	NA	Planning & Zoning

2. PUBLIC INVOLVEMENT/PARTICIPATION (Section 6(a)(2) / page 21)

2.1 BMP SUMMARY

BMP	Status	Activities in current reporting period	Measurable goal	Department responsible	Due	Completion date	Additional details
2-1 Comply with public notice requirements for the Stormwater Management Plan	Complete	None	SWMP posted to website	Planning & Zoning	April 3, 2017	April 3, 2017	Stormwater Management Plan has been posted on Town website
2-1 Comply with public notice requirements for Annual Reports	Ongoing	Annual Report has been posted on Town website	Annual Report posted to website	Planning & Zoning	Feb. 15, 2024	March 2, 2024	After posting, a banner was added to website indicating new info. Past Annual Reports are posted on Town website
2-2 Promote community stormwater management efforts	Ongoing	Local Eagle Scouts and East Granby Land Trust conducted cleanup activities	Events conducted annually	Planning & Zoning	Start by July 1, 2017	Ongoing	None
2-2 Promote community clean-up	Ongoing	Town received funds from State due to surcharge on miniature alcohol beverage containers, i.e., nips, that were used to offset costs for recycling	Litter removed	Public Works	None	Ongoing	None

2.2 DESCRIBE ANY PUBLIC INVOLVEMENT/PARTICIPATION ACTIVITIES PLANNED FOR THE NEXT YEAR, IF APPLICABLE.

Continuation of community stormwater management efforts listed above.

2.3 PUBLIC INVOLVEMENT/PARTICIPATION REPORTING METRICS

Metrics	Implemented	Date	Posted
Availability of the Stormwater Management Plan announced to public	Yes	4/15/17	Town website
Availability of Annual Report announced to public	Yes	3/2/24	Town website

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 responsible	Due	Completion date	Additional details
3-1 Develop written IDDE program	In progress	Town is in process of completing written IDDE program using the CT IDDE program template	Develop written IDDE program	Planning & Zoning	July 1, 2018	In progress	Once complete, program will be posted to Town website with a banner indicating new info added.
3-2 Develop list and maps of all MS4 stormwater outfalls in priority areas	Complete	None	Develop list and map	Planning & Zoning	July 1, 2020	Dec. 10, 2017	Map of Priority Areas has been developed using NEMO MS4 mapping tool
3-3 Implement citizen reporting program	Ongoing	The Town maintains a phone log to record citizen calls regarding stormwater management issues or suspected illicit discharges. Public Works investigates suspected illicit discharges	Citizen reports logged and investigated	Public Works	July 1, 2018	July 1, 2017	Engineering Department web-page has stormwater info and contact info for Town Engineer. Town website has "Email Service Requests" that are directed to First Selectman.
3-4 Establish legal authority to prohibit illicit discharges	Complete	Ordinance enforcement	Illicit discharges investigated and remediated	Planning & Zoning	July 1, 2018	July 1, 2018	None
3-5 Develop record keeping system for IDDE tracking	Complete	Systems in place and functioning properly	Illicit discharges investigated, logged, tracked and remediated	Planning & Zoning	July 1, 2018	July 1, 2017	See 3-3 above
3-6 Address IDDE in areas with pollutants of concern	Ongoing	IDDE complaints investigated, logged and tracked	Illicit discharges investigated, logged, tracked and remediated	Planning & Zoning; Engineering; Public Works	Start by July 1, 2017	Ongoing	None
3-7 Household hazardous waste collection	Ongoing	Participation in MDC Household Hazardous Waste Collection Day with partner towns	Household hazardous waste collected and recycled/ disposed	Planning & Zoning	Annually	Annually	105 cars participated

3.2 DESCRIBE ANY IDDE ACTIVITIES PLANNED FOR THE NEXT YEAR, IF APPLICABLE.

The written program will be posted to the Town website. The written IDDE program will be updated as needed throughout the term of the General Permit.

A master IDDE tracking spreadsheet will be maintained, and all employees involved in the IDDE program will be trained regarding the logging process.

3.3 LIST OF CITIZEN REPORTS OF SUSPECTED ILLICIT DISCHARGES RECEIVED DURING THIS REPORTING PERIOD.

Date of Report	Location / suspected source	Response taken
None received.		

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)
None						

3.5 BRIEFLY DESCRIBE THE METHOD USED TO TRACK ILLICIT DISCHARGE REPORTS, RESPONSES TO THOSE REPORTS AND WHO WAS RESPONSIBLE FOR TRACKING THIS INFORMATION.

Reports of illicit discharges are received and investigated by the Department of Public Works.

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
153 North Main Street	4 Russelton Road	199 Turkey Hills Road	Evaluation done	Farmington River, Salmon Brook, Stony Brook
5 Eastfield Farms Road	96 North Main Street	57 Wynding Hills Road	Tank only installations	
10 Peppercorn Drive	104 South Main Street			
11 Bayberry Drive	84 Kimberly Road	19 Pinewoods Road	Full system (tank and fields) installations	
7 Cobblestone Drive	83 Newgate Road	62 South Main Street		
21 Copperhill Road	45 North Road	158 Spoonville Road		
7 Hamilton Road	52 North Road			
1 Heather Lane	195 North Main Street			

3.7 IDDE REPORTING METRICS

Metrics	
Estimated or actual number of MS4 outfalls	163
Estimated or actual number of interconnections	Unknown
Outfall mapping complete	100%
Interconnection mapping complete	100%
System-wide mapping complete (detailed MS4 infrastructure)	100%
Outfall assessment and priority ranking	100%
Dry weather screening of all High and Low priority outfalls complete	30
Catchment investigations complete	0
Estimated percentage of MS4 catchment area investigated	18%

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).

Annual training of Department of Public Works employees on the following topics:

- MS4 General Permit
- SWMP and who has responsibility for implementation
- Discussion of IDDE, Post-Construction SW Management and Pollution Prevention / Good Housekeeping MCMs and what Town is required to do under each

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 responsible	Due	Completion date	Additional details
4-1 Implement, upgrade and enforce land use regulations or other legal authority to meet requirements of MS4 General Permit	Ongoing	Inspection of construction sites	Regulations enforcement	Planning & Zoning; Engineering	July 1, 2019	Subdivision regs last updated in 2012; wetland regs developed in 2012; zoning regs last updated in 2016; POCD developed in 2016	None
4-2 Develop/implement plan for interdepartmental coordination in site plan review and approval	Ongoing	Planning & Zoning and Building Depts., Farmington Valley Health District, Town Engineer, Fire Marshal and traffic authority involved in review, permitting and approval of land disturbance projects as necessary	Continued inter-departmental site plan review and approval	Planning & Zoning	Start by July 1, 2017	Ongoing	None
4-3 Review site plans for stormwater quality concerns	Ongoing	Town conducts plan reviews and inspections of projects disturbing 1 or more acres	Continued review of site plans for stormwater quality concerns	Planning & Zoning; Engineering	Start by July 1, 2017	Ongoing	Site inspections are to assess adequacy of installation, maintenance, operation and repair of construction and post-construction control measures
4-4 Conduct site inspections	Ongoing	Inspection of construction sites and issuance of notices of violation or stop work orders	Inspections conducted	Planning & Zoning; Engineering	Start by July 1, 2017	Ongoing	None

BMP	Status	Activities in current reporting period	Measurable goal	Department responsible	Due	Completion date	Additional details
4-5 Implement procedure to allow public comment on site development	Ongoing	Hearings and/or public hearings with local land use commissions	Public comment solicited and received	Planning & Zoning	Start by July 1, 2017	Ongoing	None
4-6 Implement procedure to notify developers about DEEP Construction Stormwater General Permit	Ongoing	Developers and contractors notified of regulation if projects disturbing 1 or more acres	Continued notification of developers of regulation	Planning & Zoning	Start by July 1, 2017	Ongoing	Developers and contractors are notified informally as needed during pre-application meetings with Town Engineer

4.2 DESCRIBE ANY CONSTRUCTION SITE RUNOFF CONTROL ACTIVITIES PLANNED FOR THE NEXT YEAR, IF APPLICABLE.

None other than continuation of those listed above.

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 responsible	Due	Completion date	Additional details
5-1 Establish and/or update legal authority and guidelines regarding LID and runoff reduction in site development planning.	Complete	None	Continued implementation and upgrade of regulations	Planning & Zoning	July 1, 2021	LID regs and education manual developed in 2012	LID regulations on Planning & Zoning Dept. website
5-2 Enforce LID/runoff reduction requirements for development and redevelopment projects.	Ongoing	Inspection of construction sites and communication with site contractors	Continued enforcement of regulations	Planning & Zoning; Engineering	July 1, 2019	Ongoing	See 4-1 and 4-4.
5-3 Identify retention and detention ponds in priority areas.	Ongoing	Map of Priority Areas has been developed using NEMO MS4 mapping tool	Develop list of retention and detention ponds.	Planning & Zoning	July 1, 2019	Ongoing	None
5-4 Implement long-term maintenance plan for stormwater basins and treatment structures.	Ongoing	All town-owned retention basins inspected/maintained annually. A vacuum truck has been purchased to assist	Develop and implement long-term maintenance plan.	Planning & Zoning	July 1, 2019	Ongoing	None
5-5 DCIA mapping.	In progress	Town is in process of completing IDDE program including DCIA calculations.	Perform calculations and complete mapping.	Planning & Zoning	July 1, 2020	In progress	Town has buildings and roads layers in its GIS mapping. Mapping will be further developed using NEMO MS4 mapping tool
5-6 Address post-construction issues in areas with pollutants of concern.	Ongoing	None	Post-construction issues will be identified and addressed.	Planning & Zoning	Start by July 1, 2017	Ongoing	None

5.2 DESCRIBE ANY POST-CONSTRUCTION STORMWATER MANAGEMENT ACTIVITIES PLANNED FOR THE NEXT YEAR, IF APPLICABLE.

None other than continuation of those listed above.

5.3 POST-CONSTRUCTION STORMWATER MANAGEMENT REPORTING METRICS

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

5.4 BRIEFLY DESCRIBE THE METHOD TO BE USED TO DETERMINE BASELINE DCIA.

Consultation of MS4 map on UConn NEMO website.

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 responsible	Due	Completion date	Additional details
6-1 Develop/implement formal employee training program.	In progress	DPW staff trained by de-icing and rock salt company reps	Training performed	Public Works	Start by July 1, 2017	In progress	None
6-2 Implement MS4 property and operations maintenance.	Ongoing	Town optimizes fertilizer application, properly manages grass clippings and leaves, manages pet waste and waterfowl, and buildings, vehicles and equipment are properly maintained	Continued program implementation	Public Works	Start by July 1, 2017	Ongoing	None
6-3 Implement coordination with interconnected MS4s.	In progress	None	Town will coordinate with interconnected MS4s as necessary	Public Works	Start by July 1, 2017	In progress	None
6-4 Develop/implement program to control other sources of pollutants to the MS4.	In progress	None	Program will be developed and implemented as necessary	Public Works	Start by July 1, 2017	In progress	None
6-5 Evaluate additional measures for discharges to impaired waters.	In progress	None	Discharges will be evaluated as necessary	Public Works	Start by July 1, 2017	In progress	None
6-6 Track projects that disconnect DCIA.	In progress	None	Projects will be tracked	Public Works	Start by July 1, 2017	In progress	None
6-7 Implement infrastructure repair/rehab program.	Ongoing	None	Program will continue to be implemented	Public Works	Start by July 1, 2017	Ongoing	12 retention basins and drainage swales inspected and maintained as needed

BMP	Status	Activities in current reporting period	Measurable goal	Department responsible	Due	Completion date	Additional details
6-8 Develop/implement plan to identify/prioritize retrofit projects.	In progress	None	Projects will be identified and prioritized	Public Works	July 1, 2020	In progress	None
6-9 Implement retrofit projects to disconnect 2% of DCIA.	In progress	None	Projects will be implemented	Public Works	July 1, 2023	In progress	None
6-10 Develop/implement street sweeping program.	Ongoing	Streets and parking lots in Priority Areas are inspected and swept annually	Program will continue to be implemented	Public Works	Start by July 1, 2017	Ongoing	100 cubic yards of material collected
6-11 Develop/implement catch basin cleaning program.	Ongoing	All public catch basins are inspected and cleaned annually	Program will continue to be implemented	Public Works	Start by July 1, 2017	Ongoing	1,200 catch basins cleaned and 100 cubic yards of material removed
6-12 Develop/implement snow management practices.	Ongoing	Snow and de-icing agents are properly managed	Program will continue to be implemented	Public Works	Start by July 1, 2017	Ongoing	None

6.2 DESCRIBE ANY POLLUTION PREVENTION/GOOD HOUSEKEEPING ACTIVITIES PLANNED FOR THE NEXT YEAR, IF APPLICABLE.

None other than continuation of those listed above.

6.3 POLLUTION PREVENTION/ GOOD HOUSEKEEPING REPORTING METRICS

Metrics	
Employee training provided for key staff	
Street sweeping	
Curb miles swept	160 miles
Volume (or mass) of material collected	~100 cy
Catch basin cleaning	
Total catch basins in priority areas	Unknown
Total catch basins in MS4	~1,200
Catch basins inspected	All
Catch basins cleaned	All
Volume (or mass) of material removed from all catch basins	~100 cy
Volume removed from catch basins to impaired waters (if known)	Unknown
Snow management	
Type(s) of de-icing material used	$MgCl_2$ treated salt
Total amount of each de-icing material applied	3,000 gals of $MgCl_2$ & 800 tons of treated salt
Type(s) of de-icing equipment used	Truck spreaders
Lane-miles treated	160 miles
Snow disposal location	Right of way
Staff training provided on application methods & equipment	Annually as needed
Municipal turf management program actions (for permittee properties in basins with N/P impairments)	
Reduction in application of fertilizers (since start of permit)	Unknown
Reduction in turf area (since start of permit)	Unknown
Lands with high potential to contribute bacteria (dog parks, parks with open water & sites with failing septic systems)	
Cost of mitigation actions/retrofits	Unknown

6.4 CATCH BASIN CLEANING PROGRAM

Briefly describe the method used to optimize your catch basin inspection and cleaning schedule. [Complete this section for the 2018 Annual Report only]
All public catch basins are inspected and cleaned annually.

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. [Provide information if available in 2018 report. Section to be completed for the 2019 Annual Report.]
Information not available.

Describe plans for continuing the Retrofit program and how to achieve a goal of 1% DCIA disconnection in future years. [Provide information if available in 2018 report. Section to be completed for the 2019 Annual Report.]
Information not available.

Describe plans for continuing the Retrofit program beyond this permit term with the goal to disconnect 1% DCIA annually over the next 5 years. [Provide information if available in 2018 report. Section to be completed for the 2019 Annual Report.]
Information not available.

PART II: IMPAIRED WATERS INVESTIGATION AND MONITORING

[This section required beginning with 2018 Annual Report]

1. IMPAIRED WATERS INVESTIGATION AND MONITORING PROGRAM

1.1 INDICATE WHICH STORMWATER POLLUTANT(S) OF CONCERN OCCUR(S) IN YOUR MUNICIPALITY OR INSTITUTION. This data is available on the MS4 map viewer: http://s.uconn.edu/ctms4map.

Nitrogen/Phosphorus ☐ Bacteria ☒ Mercury ☐ Other Pollutant of Concern ☐

1.2 DESCRIBE PROGRAM STATUS.

Discuss 1) the status of monitoring work completed, 2) a summary of the results and any notable findings, and 3) any changes to the Stormwater Management Plan based on monitoring results.
IDDE Program under development.

2. SCREENING DATA FOR OUTFALLS TO IMPAIRED WATERBODIES (Section 6(i)(1) / page 41)

2.1 SCREENING DATA COLLECTED UNDER 2017 GENERAL PERMIT

Complete the table below for any outfalls screened during the reporting period. Each Annual Report will add on to the previous year's screening data showing a cumulative list of outfall screening data.

Outfall ID	Sample date	Parameter (Nitrogen, Phosphorus, Bacteria, or Other pollutant of concern)	Results	Name of Laboratory (if used)	Follow-up required?
OF-26	10/9/20	E. coli	No flow		No
OF-28	10/9/20	E. coli	No flow		No

2.2 CREDIT FOR SCREENING DATA COLLECTED UNDER 2004 GENERAL PERMIT

If any outfalls to impaired waters were sampled under the 2004 MS4 General Permit, that data can count towards the monitoring requirements under the modified 2018 MS4 General Permit. Complete the table below to record sampling data for any outfalls to impaired waters under the 2004 General Permit.

Outfall ID	Sample date	Parameter (Nitrogen, Phosphorus, Bacteria or Other pollutant of concern)	Results	Name of Laboratory (if used)	Follow-up required?
R3/OF-26	11/18/13	E. coli	200 col/100 mL	Phoenix Environmental	
R3/OF-26	7/29/16	E. coli	>24,200 col/100 mL	Phoenix Environmental	
R3/OF-26	8/10/16	E. coli	>24,200 col/100 mL	Phoenix Environmental	
R3/OF-26	11/15/16	E. coli	1,400 col/100 mL	Phoenix Environmental	

3. FOLLOW-UP INVESTIGATIONS (Section 6(i)(1)(D) / page 43)

Provide the following information for outfalls exceeding the pollutant threshold.

Outfall	Status of drainage area investigation	Control measure implementation to address impairment

4. PRIORITIZED OUTFALL MONITORING (Section 6(i)(1)(D) / page 43)

Once outfall screening has been completed for at least 50% of outfalls to impaired waters, identify 6 of the highest contributors of any pollutants of concern. Begin monitoring these outfalls on an annual basis by July 1, 2020.

Outfall	Sample Date	Parameter(s)	Results	Name of Laboratory (if used)

PART III: ADDITIONAL IDDE PROGRAM DATA [This section required beginning with 2018 Annual Report]

1. ASSESSMENT AND PRIORITY RANKING OF CATCHMENTS DATA (Appendix B (A)(7)(c) / page 5)

Provide a list of all catchments with ranking results (DEEP basins may be used instead of manual catchment delineations).

1. Catchment ID (DEEP Basin ID)	2. Category	3. Rank
See attached.		

2. OUTFALL AND INTERCONNECTION SCREENING AND SAMPLING DATA (Appendix B (A)(7)(d) / page 7)

2.1 DRY WEATHER SCREENING AND SAMPLING DATA FROM OUTFALLS AND INTERCONNECTIONS

Provide sample data for outfalls where flow is observed. Only include Pollutant of concern data for outfalls that discharge into stormwater impaired waterbodies.

Outfall / Interconnection ID	Screening / sample date	Ammonia	Chlorine	Conductivity	Salinity	E. coli or enterococcus	Surfactants	Water Temp	Pollutant of concern	If required, follow-up actions taken

2.2 WET WEATHER SAMPLE AND INSPECTION DATA

Provide sample data for outfalls and key junction manholes of any catchment area with at least one System Vulnerability Factor.

Outfall / Interconnection ID	Sample date	Ammonia	Chlorine	Conductivity	Salinity	E. coli or Enterococcus	Surfactants	Water Temp	Pollutant of concern

3. CATCHMENT INVESTIGATION DATA (Appendix B (A)(7)(e) / page 9)

3.1 SYSTEM VULNERABILITY FACTOR SUMMARY

For those catchments being investigated for illicit discharges (i.e. categorized as high priority, low priority, or problem) document the presence or absence of System Vulnerability Factors (SVF). If present, report which SVF's were identified. An example is provided below.

Outfall ID	Receiving Water	System Vulnerability Factors

Where SVFs are:

1. History of SSOs, including, but not limited to, those resulting from wet weather, high water table, or fat/oil/grease blockages.
2. Sewer pump/lift stations, siphons, or known sanitary sewer restrictions where power/equipment failures or blockages could readily result in SSOs.
3. Inadequate sanitary sewer level of service (LOS) resulting in regular surcharging, customer back-ups, or frequent customer complaints.
4. Common or twin-invert manholes serving storm and sanitary sewer alignments.
5. Common trench construction serving both storm and sanitary sewer alignments.
6. Crossings of storm and sanitary sewer alignments.
7. Sanitary sewer alignments known or suspected to have been constructed with an underdrain system;
8. Sanitary sewer infrastructure defects such as leaking service laterals, cracked, broken, or offset sanitary infrastructure, directly piped connections between storm drain and sanitary sewer infrastructure, or other vulnerability factors identified through Inflow/Infiltration Analyses, Sanitary Sewer Evaluation Surveys, or other infrastructure investigations.
9. Areas formerly served by combined sewer systems.
10. Any sanitary sewer and storm drain infrastructure greater than 40 years old in medium and densely developed areas.
11. Widespread code-required septic system upgrades required at property transfers (indicative of inadequate soils, water table separation, or other physical constraints of the area rather that poor owner maintenance).
12. History of multiple local health department or sanitarian actions addressing widespread septic system failures (indicative of inadequate soils, water table separation, or other physical constraints of the area rather that poor owner maintenance).

3.2 KEY JUNCTION MANHOLE DRY WEATHER SCREENING AND SAMPLING DATA

Key Junction Manhole ID	Screening / Sample date	Visual/ olfactory evidence of illicit discharge	Ammonia	Chlorine	Surfactants

3.3 WET WEATHER INVESTIGATION OUTFALL SAMPLING DATA

Outfall ID	Sample date	Ammonia	Chlorine	Surfactants

3.4 DATA FOR EACH ILLICIT DISCHARGE SOURCE CONFIRMED THROUGH THE CATCHMENT INVESTIGATION PROCEDURE

Discharge location	Source location	Discharge description	Method of discovery	Date of discovery	Date of elimination	Mitigation or enforcement action	Estimated volume of flow removed

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 Eden Wimpfheimer, First Selectwoman	Print name Matthew Reiser, CMG
Signature / Date Eden Wimpfheimer 04/22/2025	Signature / Date 4/21/25

MS4 Priority Area Outfalls

OF No.	Street	Map	Priority Area?	Priority Area Type	Priority	Number of OFs	Inspection Date	Inspected?	Evidence of Flow?	Evidence of Discharge?	Notes
1	Country Club Ln	5	no		low	2	6/18/24	Y	Y	N	OFs on N & S sides of road & connect ponds on N & S sides of road; N OF flowing/inundated, could not locate S OF
2	Grainger Circle	7	yes		high	1	6/2/23	N			could not locate - OF appears to discharge into stream along Trx Sta driveway ~570 ft S of main road
3	Randall Ave	7	yes		low	2	6/18/24	Y	N	N	W OF half filled with sediment, E OF could not locate
	Talcott Range Dr	8	yes	UA		1					
	Broken Arrow Dr	9	yes	UA		1	6/18/24	N			Damp, ~20% filled w sediment, E OF couldn't locate
4	Seneca Dr	9	yes		low	1	6/18/24	Y	N	N	slightly filled w sediment, on Seneca rather than across N Main St
5	Canterbury Ln	10	yes		high	1	6/19/24	Y	Y	N	small trickle coming out of the OF
	North Rd	10	yes	UA		1	6/19/24	Y	N	N	about 50% full of muddy sediment
6	Brentwood	11	no		low	1	6/19/24	Y	Y	N	about 15% inundated with murky water
7	Metacomet Dr	11	yes	UA	low	1	6/19/24	N			S end of Metacomet Dr - could not locate OF
	Metacomet Dr	11	yes	UA		1	6/19/24	N			behind #6 Metacomet Dr - could not locate OF
	Airport Park Rd	12	yes	DCIA		1	6/19/24	N			could not locate
8	Center St	12	yes		high	1	6/19/24	Y	Y	N	seems to be an interconnection for Creamery Brook, not an OF
	Center St	12	yes	UA		1	6/19/24	Y	Y	N	seems to be an interconnection for Creamery Brook, not an OF
9	Crystal Dr	12	yes	UA	high	1	6/2/23	Y	Y	N	E end of Crystal - flowing - need to sample
	East St	12	yes	UA		1					
	Harvest Ln	12	yes	UA			6/26/24	N			could not locate
10	Russell Rd	12	yes	UA	high *	1	6/26/24	N			could not locate - could only find culvert connecting N & S sides of Degrayes Brook
11	Jefferson Dr	15	no		low	1	6/26/24	N			could not locate
12	Concord Dr	16	no		low	1					
15	Bradley Park Rd	17	yes	UA	low	~4	6/11/24	Y	Y		OF from Rte 20; could only locate 1 OF
31	Bradley Park Rd #2	17	yes	UA	high	1	6/11/24	N	Y		OF discharges to swale from pond with no upstream structures
	CT South Dr	17	yes	UA		1	6/11/24	Y	N	N	OF behind New England Storage Solutions approx 100 yds from road
	CT South Dr	17	yes	UA		1	6/11/24	Y	N	N	OF at SE corner of CT South Dr
13	Gateway Blvd	17	yes	UA	low	1	6/11/24	Y	N	N	inspected first upstream CB
	Hazelwood Rd	17	yes	UA		1	6/11/24	Y	N	N	OF NE of intersection of CT South Dr and Hazelwood Rd
	International Dr	17	yes	UA		2	6/11/24	N			could not locate
	Nicholson Rd	17	yes	UA		1	6/11/24	Y			cross culvert between OFs that connect stream on N & S sides of road
14	Nicholson Rd	17	yes		high *	1					
16	Hartford Ave	20	yes	IW	low	1					
17	Southwood Ln	20	no		low	1	6/12/24	N	Y	N	outfall but also connection to stream on N & S sides of road
18	Seymour Rd	21	yes	UA	high	1					
19	Old Hartford Ave	24	no	IW	low	1	6/12/24	N			could not locate
	Heather Ln	25	yes	UA		3	6/13/24	Y	N	N	
	Heather Ln	25	yes	UA		2	6/13/24	Y	N	N	E OF was covered slightly by brush, could not locate W OF
22	Huckleberry Dr	25	yes	UA	high	1	6/13/24	Y	N	N	OF W of intersection of Spoonville & Huckleberry
	Huckleberry Dr	25	yes	UA		1	6/13/24	Y	N	N	OF at NW corner of intersection of Spoonville & Huckleberry
	Melody Ln	25	yes	UA		1	6/13/24	N			could not access due to fenced in property
	Old County Rd	25	yes	UA		1	6/13/24	N			could not locate, nearest CB on map was not there, second closest was very full
21	Pennywhistle	25	yes	UA	high	1	6/13/24	N			could not access due to fenced in property
20	Pinewood	25	no		high	1	6/12/24	Y	N	N	in damp, marshy area, will need sampling
	Pond Ln	25	yes	UA		2	6/13/24	Y	Y	N	OF on S side into pond drains stream from N side of road
	Route 187	25	yes	UA		1					
25	Spoonville	25	yes	UA	high	1	6/13/24	N			could not locate, nearest CB indicated no piping in direction of OF
	Spoonville Rd	25	yes	UA		2	6/13/24	N			could not locate
24	Sweetbriar	25	yes	UA	high	1	6/13/24	Y	Y	N	flowing - need to sample; OF connects to stream on N side of road
23	Sweetbriar	25	yes	UA	high	1	6/13/24	Y	N	N	piping is corroded at bottom, stagnant water close but not in pipe
	Sweetbriar Rd	25	yes	UA		1	6/13/24	Y	Y	N	connects w/ 24 on S side of road
	Tunbridge Rd	25	yes	UA		1	6/13/24	Y			standing water in OF, OF not located where listed, N of furthest CB down street
27	Pinewood	27	no		high	1	6/12/24	Y	Y	N	flowing water, dropping off into a small stream
29	Spoonville #2	27	yes	UA	high	1	10/9/20				could not locate
	Spoonville Rd	27	yes	UA		1	6/18/24	Y	N	N	Not OF but CB, by group of trees next to road
30	Stark	27	yes	UA	high	1	10/9/20	Y	N	N	
28	Tunxis Ave	27	yes	IW	high	1	6/18/24	Y	Y	N	connecting stream to river on S side of Spoonville
26	Winding Hills	27	yes	IW	high	1	6/12/24	Y	Y	N	flowing water

Notes:
DCIA = Directly Connected Impervious Area
IW = Impaired Waters
UA = Urbanized Area