



2017 ANNUAL REPORT
MUNICIPAL SEPARATE STORM SEWER SYSTEM
ROCKY HILL, CONNECTICUT



Prepared By
Town of Rocky Hill Engineering Dept.
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April 1, 2018

MS4 GENERAL PERMIT
Town of Rocky Hill 2017 Annual Report
 New MS4 Permittee
 Permit Number GSM 00016
 January 1, 2017 – December 31, 2017

This report documents the Town of Rocky Hill 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
1.1-1 Implement public education and outreach	On going	Posted educational material to Town website	Educate residents to the effects of fertilizers and pesticides	Engineering	Jul 1, 2019	7/1/18	http://www.rockyhillct.gov/stormwater_management/pesticides_fertilizer_and_lawn_care_information.php http://nemo.uconn.edu/ms4/implement/public-education.htm
1.1-2 Address education/outreach for pollutants of concern*	On going	Mail educational materials to 20% of residents and business	Educate residents along the impaired waters to the effects of fertilizers and pesticides	Engineering	Jul 1, 2019	7/1/18	In conjunction with the Connecticut River Coastal Conservation District

1.1-3 Stormwater page on Town website	On going	Town has created a webpage on the Towns website which includes the Storm Water Management Plan, Town Ordinance, DEEP General Permit and links to educational materials	Provide information to residents on the Storm Water Management program	Engineering	Jul 1, 2017	7/1/17	http://www.rockyhillct.gov/stormwater_management/stormwater_management_educational_resources.php
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1.2 Describe any Public Education and Outreach activities planned for the next year, if applicable.

- Continue mailing educational materials to a new area (20%) of residents and business
- Educated boards and commissions on stormwater management
- Provide a link on the town website to NEMO
- Provide Pet Waste informational brochures at the town parks
- Publish educational material in proposed quarterly news letter

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.
Distribute educational brochures to 20% of residents and businesses along the impaired waters	Residents and businesses along impaired waters	Impact of Septic systems & Fertilizer use	Bacterial	Engineering
Website link to NEMO on the town website	All residents and homeowners in town	Impact of Pesticide and Fertilizer use	Bacteria	Engineering
Distribute information flyers at the Rocky Hill Fall Fest	Residents	Stormwater Quality	Varies	Engineering

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
2.1-1 Comply with public notice requirements for the Stormwater Management Plan	Completed	Posted SWMP on Town website	Compliance with SWMP permit	Engineering	Apr 3, 2017	4/1/17	No public comment received
2.1-2 Comply with public notice requirements for Annual Reports	Completed	Posted 2016 Annual Report on Town website	Compliance with SWMP permit	Engineering	Feb 15, 2018	April 2017	
2.1-3 Establish stormwater committee	Completed	Identified members and met once in 2017.	Provide forum to coordinate SWMP implementation across depts. and commissions	Engineering		Summer 2017	Committee members consists of Engineering, Wetlands, Planning, ZEO, Public Works, Parks and Rec, Fire and Health District and will meet quarterly
2.1-4 Hazardous Waste Collection	On going	Posted in local news paper	In conjunction with The MDC, provide residents disposal of hazardous materials	Public Works The MDC	Yearly	Summer 2017	
2.1-5 Bulky waste collection	On going	Posted on the Towns website	Provide residents with pick up of bulky wastes that may otherwise be illegally dumped into sensitive areas	Public Works		Daily 2017	http://www.rockyhillct.gov/departments/public-works/bulk_waste.php
2.1-6 Leaf pick-up	On going	Posted on the Towns website	Provide residents with leaf pickup in the fall for recycling	Public Works	Yearly	Fall 2017	

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

- Hold quarterly stormwater committee meetings to review SMP implementation progress.
- Continue bulky waste pick up
- Continue hazardous waste pick up
- Continue leaf pickup
- Post annual report to website

2.3 Public Involvement/Participation reporting metrics

Metrics	Implemented	Date	Posted
Availability of the Stormwater Management Plan announced to public	Yes	4/1/17 Draft, 7/1/17 Final	Engineering Dept. and Town Web Page http://www.rockyhillct.gov/2017_RH_SWP_Plan_FINAL_7-1-17.pdf
Availability of Annual Report announced to public	Yes	12/14/12 (2016) 2/15/18 (2017)	Engineering Dept. and Town Web Page

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
3.1-1 Develop written IDDE program	In progress	Town is in process of completing written IDDE program using the CT IDDE program template	Develop written plan of IDDE program	Engineering	Jul 1, 2019	Anticipate completing by the deadline of July 1, 2018.	
3.1-2 Develop list and maps of all MS4 stormwater outfalls in priority areas	On going	Town has located and mapped 80% of all outfalls in town on GIS.	To locate and map on GIS all outfalls in town by years end	Engineering	Jul 1, 2020	Anticipate completing by the deadline of July 1, 2018.	
3.1-3 Implement citizen reporting program	In Progress	Working with the Towns IT department to create a fillable online reporting form to be placed on the town website	Complete the form to meet the permit	Engineering	Jul 1, 2017	Anticipate completing by July 1, 2018.	Phone reporting to be directed to Town Engineer and Wetlands agent.
3.1-4 Establish legal authority to prohibit illicit discharges	Completed	Completed		Engineering	Jul 1, 2019	July, 2017	Working with legal counsel to amend for the right to enter private lands.
3.1-5 Develop record keeping system for IDDE tracking	In Progress	Purchasing cloud based tracking system which integrates with the GIS system	Develop a record keeping system to meet the permit	Engineering	Jul 1, 2017	Anticipate completing by July 1, 2018.	
3.1-6 Address IDDE in areas with pollutants of concern	On going	Town has identified the outfall to test	To identify the pollutant sources and eliminate	Engineering	Not specified	On going	
3.1-7 Detailed MS4 infrastructure mapping	On going	Town has located and mapped 80% of all outfalls in town on GIS.	To map on GIS the entire public drainage system for use in tracing pollutant sources	Engineering	Jul 1, 2020	Anticipate completing by the deadline of July 1, 2020.	

3.1-8 Complete list and maps of all MS4 Stormwater outfalls throughout municipality	In Progress	Town has located and mapped 80% of all outfalls in town on GIS	To map on GIS the entire public drainage system for use in tracing pollutant sources	Engineering	Jul 1, 2022	Anticipate completing by the deadline of July 1, 2022.
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3.2 Describe any IDDE activities planned for the next year, if applicable.

- Complete the written IDDE program and post to the Towns Stormwater webpage.
- A link will be added to next year’s Annual Report.
- Will update the written IDDE program as needed throughout the permit term.
- Maintain master IDDE tracking database or spreadsheet and ensure all employees involved in IDDE program understand the logging process
- To complete the outfall mapping town wide
- To have the citizen reporting form posted to the town website

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

Date of Report	Location / suspected source	Response taken
NONE	NONE	NONE

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.

----- SEE ATTACHED DEEP AND MDC INCIDENT REPORTS -----APPENDIX A

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

- Currently utilizing incident reports provided to the Town by DEEP, MDC and the Health District for spills and SSO overflows.
- In process of creating a database or spreadsheet to track IDDE
- In process of creating a citizen reporting form

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
NONE		

3.7 IDDE reporting metrics

Metrics	
Estimated or actual number of MS4 outfalls	324
Estimated or actual number of interconnections	
Outfall mapping complete	80%
Interconnection mapping complete	0%
System-wide mapping complete (detailed MS4 infrastructure)	70%
Outfall assessment and priority ranking	0%
Dry weather screening of all High and Low priority outfalls complete	0
Catchment investigations complete	0
Estimated percentage of MS4 catchment area investigated	0%

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).

- Provide the highway and parks maintainers and custodial staff annual training on vehicle washing; grease, oil and other hazardous material disposal in the spring and fertilizer and pesticides best management practices in the fall. Other topics will be rotated in.
- Training will be provided through on the job instruction, supervisors, consultants and available webinars and seminars.

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
4.1-1 Implement, upgrade, and enforce land use regulations or other legal authority to meet requirements of MS4 general permit	On going	Zoning regulations were updated to include LID's	Update Subdivision and Wetland regulations for include LID's	Engineering Planning	Jul 1, 2020	On going	LID's will be incorporated into updated subdivision and wetlands regulations
4.1-2 Develop/Implement plan for interdepartmental coordination in site plan review and approval	Complete	Town has a plan review approval form to be completed by engineering, planning, zoning, wetlands, building, health and emergency services prior to approvals are granted	Procedure in place	Planning	Jul 1, 2017	July, 2017	This is an established policy
4.1-3 Review site plans for stormwater quality concerns	On going	Plans are reviewed by engineering and wetlands for compliance	Plan compliance with SWQ manual and LID's	Engineer	Jul 1, 2017	On going	
4.1-4 Conduct site inspections	On going	Construction sites are inspected at least once a day for compliance to approved plans	Compliance with approved plans	Engineer Zoning	Jul 1, 2017	On going	Wetlands officer is in the engineering department
4.1-5 Implement procedure to allow public comment on site development	Complete	Public hearings are held on most proposed site development per the town Wetland and P&Z regulations	Procedure in place	Engineering Planning	Jul 1, 2017	July 2017	This is an established policy
4.1-6 Implement procedure to notify developers about DEEP construction stormwater permit	In progress	Town has an informal procedure. Procedure will be formalize	Post DEEP permits at construction site trailer	Planning	Jul 1, 2017	Anticipate completing by July 1, 2018.	Procedure will be included in the updated Subdivision Regulations

4.1-7 Require erosion and sedimentation controls throughout construction	On going	To meet Town requirements	Compliance with approved plans	ZEO	On going	On going
4.1-8 Require maintenance and operations plan for water quality structures and detention ponds	On going	To meet Town requirements	Compliance with approved plans	Engineering Wetlands ZEO	On going	On going

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

- Subdivision regulations are in the process of be updated.
- Wetlands regulations to be updated in the next couple of years

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
5.1-1 Establish and/or update legal authority and guidelines regarding LID and runoff reduction in site development planning	On going	Zoning regulations were updated to include LID's	Update Subdivision and Wetland regulations for include LID's	Planning	Jul 1, 2021	July 30, 2017	LID's will be incorporated into updated subdivision and wetlands regulations
5.1-2 Enforce LID/runoff reduction requirements for development and redevelopment projects	On going	Town currently has a zero percent peak discharge requirement for all new proposed developments and modifications to properties	Inspect development for LID compliance		Jul 1, 2022	July, 2017	This is an established policy
5.1-3 Identify retention and detention ponds in priority areas	Not started		Create database of all stormwater basins and structures, inspect annually	Engineering	Jul 1, 2020	July, 2020	
5.1-4 Implement long-term maintenance plan for stormwater basins and treatment structures	On going	A maintenance plan for each stormwater treatment structure was a condition of approval.	Create database of all stormwater basins, structures and maintenance plans inspect annually	Engineering, Public Works	Jul 1, 2020	July, 2017	This is and established policy
5.1-5 DCIA mapping	Not Started		Create Map	Engineering	Jul 1, 2020	July 1, 2020	
5.1-6 Address post-construction issues in areas with pollutants of concern	On going	None reported in 2017	Implement DCIA retrofit BMP's	Engineering	Not specified		Town inspect projects prior to C/O or acceptance for site stability

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

Continue inspection of town owned storm water infrastructure

5.3 Post-Construction Stormwater Management reporting metrics

Metrics	
Baseline (2012) Directly Connected Impervious Area (DCIA)	acres
DCIA disconnected (redevelopment plus retrofits)	0 acres this year /0 acres total
Retrofits completed	0
DCIA disconnected	0 % this year / 0 % total since 2012
Estimated cost of retrofits	\$0
Detention or retention ponds identified	0 this year /0 total

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

None

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
6.1-1 Develop/implement formal employee training program	On going	Provided training to highway, parks maintainers and custodians	Continue employee training	Public Works	Jul 1, 2019	January, 2017	

6.1-2 Implement MS4 property and operations maintenance	On going	Installed filters in CB's at town garages MSDS sheets are kept at the Highway and Parks garage and reviewed annually	Reduce grease, oils and petroleum hydrocarbons	Public works	Jul 1, 2018	July, 2017	
6-3 Implement coordination with interconnected MS4s	Not Started			Engineering	Not specified		
6.1-4 Develop/implement program to control other sources of pollutants to the MS4	Not Started		Notify commercial and industrial business of regulations by mail	Engineering	Not specified	Anticipate development by July 1, 2018.	
6.1-5 Evaluate additional measures for discharges to impaired waters*	On going			Parks	Not specified	July, 2017	
6.1-6 Track projects that disconnect DCIA	Not Started		To reduce 1% of total DCIA acreage per year	Engineering	Jul 1, 2017	Anticipate development by July 1, 2018	Plan to create a database or spreadsheet for tracking
6.1-7 Implement infrastructure repair/rehab program	On going		Retrofit last cb on line with 4' sump and hood	Engineering Public Works	Jul 1, 2021	July 1, 2021	
6.1-8 Develop/implement plan to identify/prioritize retrofit projects to disconnect 2% of DCIA	Not Started			Engineering Public Works	Jul 1, 2022	Jul 1, 2022	
6.1-9 Develop/implement street sweeping program	On going	Swept all roads		Public Works	Jul 1, 2018	July, 2017	Note, the town does not use sand during its winter operations so there is limited sweepings to clean

6.1-10 Develop/implement catch basin cleaning program	On going	Vacuum CB's, visual inspection during vacuuming	Clean 1/3 of all town owned catch basin	Public Works	Jul 1, 2020	September, 2017	See note 6-9
6.1-11 Develop/implement snow management practices	On going	Implemented DEEP BMP for snow removal Rock salt stored in salt shed, liquid salts stored in storage tank		Public Works	Jul 1, 2018	Fall, 2017	Plan included in Town Stormwater Management Plan
6.1-12 Develop/implement pet waste management practices	On going	Signs regarding pet waste posted at dog park Pet waste bags and trash receptacle provided at dog park		Parks	Jul 1, 2017	7/2017	Plan to provide informational brochures for distribution at town parks regarding pet waste
6.1-13 Hazardous Waste Collection	On going	Annual hazardous waste collection for Rocky Hill residents in conjunction with The MDC		Public Works The MDC	Yearly	Summer 2017	
6.1-14 Bulky waste collection	On going	Town pick up bulky waste from residents on request		Public Works		Daily 2017	
6.1-15 Leaf pick-up	On going	Posted on the Towns website		Public Works	Yearly	Fall 2017	
6.1-15 Parks	On going	Established integrated pesticide management program		Park			The parks department has been following this program

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

- Provide additional training to highways, parks, custodians.
- Provide training to land use boards and commissions
- Provide additional literature regarding pet waste to be placed at all town parks
- Create database for DCIA
- Information plaques on catch basins and bridges (culverts) stating water flows to Long Island Sound

6.3 Pollution Prevention/ Good Housekeeping reporting metrics

Metrics	
Employee training provided for key staff	Yes, January, 2017
Street sweeping	
Curb miles swept	120 miles
Volume (or mass) of material collected	tons
Catch basin cleaning	
Total catch basins in priority areas	2274
Total catch basins in MS4	2274
Catch basins inspected	65
Catch basins cleaned	65
Volume (or mass) of material removed from all catch basins	8 tons
Volume removed from catch basins to impaired waters (if known)	0 tons
Snow management	
Type(s) of deicing material used	Rock Salt Magnesium Chloride
Total amount of each deicing material applied	tons Rock Salt # gal Magnesium Chloride
Type(s) of deicing equipment used	Trucks with spreaders and sprayer
Lane-miles treated	61 miles
Snow disposal location	N/A
Staff training provided on application methods & equipment	Yes, October, 2017
Municipal turf management program actions (for permittee properties in basins with N/P impairments)	
Reduction in application of fertilizers (since start of permit)	lbs or %
Reduction in turf area (since start of permit)	acres
Lands with high potential to contribute bacteria (dog parks, parks with open water, & sites with failing septic systems)	
Cost of mitigation actions/retrofits	\$ N/A

6.4 Catch basin cleaning program

Briefly describe the method used to optimize your catch basin inspection and cleaning schedule. [\[Complete this section for the 2017 Annual Report only\]](#)

All catch basins that were within the towns' annual paving project areas are inspected, cleaned and repaired.
If funded, will clean 1/3 of town owned catch basins each year

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. [\[Provide information if available in 2017 report. Section to be completed for the 2019 Annual Report.\]](#)

Not complete

Describe plans for continuing the Retrofit program and how to achieve a goal of 1% DCIA disconnection in future years. [\[Provide information if available in 2017 report. Section to be completed for the 2019 Annual Report.\]](#)

Not complete

Describe plans for continuing the Retrofit program beyond this permit term with the goal to disconnect 1% DCIA annually over the next 5 years. [\[Provide information if available in 2017 report. Section to be completed for the 2019 Annual Report.\]](#)

Not complete

Part II: Impaired waters investigation and monitoring [This section required beginning with 2019 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.

Monitoring to begin in 2018 on 6 outfalls that have been identified

2. Screening data for outfalls to impaired waterbodies (Section 6(i)(1) / page 41)

2.1 Screening data collected under 2017 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?
006	9/15/05	Bacteria	58,000/100 mL	Connecticut Testing Lab	No
034	9/15/05	Bacteria	83,000/100 mL	Connecticut Testing Lab	No
006	7/11/06	Bacteria	240,000/100 mL	Connecticut Testing Lab	No
002	7/23/08	Bacteria	>5,000/100 mL	Connecticut Testing Lab	No
008	7/23/08	Bacteria	>5,000/100 mL	Connecticut Testing Lab	No
022	7/23/08	Bacteria	>5,000/100 mL	Connecticut Testing Lab	No
031	12/2/15	Bacteria		Connecticut Testing Lab	No

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
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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, 2021.

Outfall	Sample Date	Parameter(s)	Results	Name of Laboratory (if used)
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Part III: Additional IDDE Program Data [This section required beginning with 2019 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
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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 taken
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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
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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
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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 than 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 than 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
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3.3 Wet weather investigation outfall sampling data

Outfall ID	Sample date	Ammonia	Chlorine	Surfactants
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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
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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:

JOHN MERR, TOWN MANAGER

Signature / Date:

John Merr 4/2/18

Document Prepared by

Print name:

STEPHEN D. SOPELAK, PE TOWN ENGINEER

Signature / Date:

Stull 4/2/18

APPENDIX A



**Connecticut Department of Energy and Environmental Protection
Emergency Response and Spill Prevention Division
Emergency Incident Report**

Case No.: 2017-05983

Staff Receiving Call: 201 BURKEY, RACHAEL

Assigned To: 000 NO RESPONSE

Date Reported: 11/14/2017 **Time Reported:** 22:41

Date of Release: 11/14/2017 **Time of Release:** UNKNOWN

Town of Release: ROCKY HILL

State of Release: CT

Location of Reported Release: 59 RIVERVIEW ROAD

Reported By: 240

Phone: (860) 258-7640

Ext:

Representing: ROCKY HILL FD

Responsible Party:

Phone:

Street Address:

Town:

State:

Zip Code:

Does the Responsible Party Accept Financial Responsibility?

Release Type: PETROLEUM

CHEMICAL

Release Substance: contents of one radiator and one oil pan

Media: GROUND SURFACE

Total Quantity: 0 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds

Emergency Measures:

Has the Release Been Terminated?:

Type of Waterbody Affected:

Name of Waterbody Affected:

Total Quantity Recovered: 0

Total Quantity in Water: 0

Corrective Actions Taken: SANDED

Discharge Class: TRANSPORTATION

Cause of Incident: MV ACCIDENT

Agencies Notified: DEP DISPATCH

LOCAL FIRE DEPARTMENT

Status: CLOSED



**Connecticut Department of Energy and Environmental Protection
Emergency Response and Spill Prevention Division
Emergency Incident Report**

Case No.: 2017-05358

Staff Receiving Call: 208 MONARCA, VINCENT

Assigned To: 928 POYNTON, DAVE

Date Reported: 10/17/2017 Time Reported: 7:45

Date of Release: 10/17/2017 Time of Release: UNKNOWN

Town of Release: ROCKY HILL

State of Release: CT

Location of Reported Release: 50 CHAPIN AVE

Reported By: FD

Phone: (860) 258-7640

Ext:

Representing: FD

Responsible Party:

Phone:

Street Address:

Town:

State:

Zip Code:

Does the Responsible Party Accept Financial Responsibility?

Release Type: PETROLEUM

Release Substance: GASOLINE

Media: GROUND SURFACE

Total Quantity: <15 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds

Emergency Measures: Storm drain, Rocky Hill High School.

Has the Release Been Terminated?: NO

Type of Waterbody Affected: CATCH BASIN

Name of Waterbody Affected:

Total Quantity Recovered: 0

Total Quantity in Water: 0

Corrective Actions Taken: CONTRACTED
INVESTIGATED

ESI

Discharge Class:

Cause of Incident: MV ACCIDENT

Agencies Notified: DEP DISPATCH

LOCAL FIRE DEPARTMENT

Status: OPEN



**Connecticut Department of Energy and Environmental Protection
Emergency Response and Spill Prevention Division
Emergency Incident Report**

Case No.: 2017-05388

Staff Receiving Call: 204 THERRIEN, ADAM

Assigned To: 000 NO RESPONSE

Date Reported: 10/18/2017

Time Reported: 13:56

Date of Release: 10/18/2017

Time of Release: UNKNOWN

Town of Release: ROCKY HILL

State of Release: CT

Location of Reported Release: 80 TOWN LINE ROAD

Reported By: 237

Phone: (860) 258-7640

Ext:

Representing: FD

Responsible Party:

Phone:

Street Address:

Town:

State:

Zip Code:

Does the Responsible Party Accept Financial Responsibility?

Release Type: PETROLEUM

Release Substance: gasoline

Media: GROUND SURFACE

Total Quantity:

<2 Gallons

0 Cubic Yards

0 Cubic Feet

0 Drums

0 Pounds

Emergency Measures:

Has the Release Been Terminated?: YES

Type of Waterbody Affected:

Name of Waterbody Affected:

Corrective Actions Taken: SANDED

Discharge Class: PRIVATE

Cause of Incident: TRANSFER LINE FAILURE

Agencies Notified: DEP DISPATCH

LOCAL FIRE DEPARTMENT

Status: CLOSED



Connecticut Department of Energy and Environmental Protection
Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 2018-00236
Staff Receiving Call: 205 COX, MICHAEL Assigned To: 000 NO RESPONSE
Date Reported: 01/16/2018 Time Reported: 10:25
Date of Release: 01/16/2018 Time of Release: UNKNOWN
Town of Release: ROCKY HILL State of Release: CT
Location of Reported Release: 699 WEST STREET
Reported By: JOSEPH JOHNSON Phone: (860) 543-9877 Ext:
Representing: EVERSOURCE
Responsible Party: SAA Phone:
Street Address:
Town: State: Zip Code:

Does the Responsible Party Accept Financial Responsibility?

Release Type: DIELECT

Release Substance: trans oil

Media: GROUND SURFACE

Total Quantity: 5 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds

Emergency Measures: non pcb

Has the Release Been Terminated?: YES

Type of Waterbody Affected:

Name of Waterbody Affected:

Total Quantity Recovered: 0 Total Quantity in Water: 0

Corrective Actions Taken: CONTAINED

Discharge Class: UTILITY

Cause of Incident: CONTAINER FAILURE

Agencies Notified: DEP DISPATCH

Status: CLOSED



**Connecticut Department of Energy and Environmental Protection
Emergency Response and Spill Prevention Division
Emergency Incident Report**

Case No.: 2017-06616

Staff Receiving Call: 206 KINNEY, CLARENCE

Assigned To: 000 NO RESPONSE

Date Reported: 12/22/2017

Time Reported: 3:45

Date of Release: 12/22/2017

Time of Release: UNKNOWN

Town of Release: ROCKY HILL

State of Release: CT

Location of Reported Release: I-91 NB X 24

Reported By: ROCKY HILL FIRE

Phone: (860) 258-7640

Ext:

Representing: SELF

Responsible Party:

Phone:

Town:

State:

Zip Code:

Does the Responsible Party Accept Financial Responsibility?

Release Type: PETROLEUM

Release Substance: NV FLUIDS

Media: GROUND SURFACE

Total Quantity: 5 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds

Emergency Measures:

Has the Release Been Terminated?: YES

Type of Waterbody Affected: NA

Name of Waterbody Affected: NA

Total Quantity Recovered: 0 Total Quantity In Water: 0

Corrective Actions Taken: SANDED

Discharge Class:

Cause of Incident: MV ACCIDENT

Agencies Notified: DEP DISPATCH
LOCAL FIRE DEPARTMENT

Status: CLOSED



Connecticut Department of Energy and Environmental Protection
Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 2017-06578

Staff Receiving Call: 209 WELCH, THOMAS

Assigned To: 000 NO RESPONSE

Date Reported: 12/19/2017

Time Reported: 19:46

Date of Release: 12/19/2017

Time of Release: UNKNOWN

Town of Release: ROCKY HILL

State of Release: CT

Location of Reported Release: I-91 SOUTH PRIOR TO 22N LEFT LANE

Reported By: DISPATCH

Phone: (860) 258-7640

Ext:

Representing: FD

Responsible Party:

Phone:

Street Address:

Town:

State:

Zip Code:

Does the Responsible Party Accept Financial Responsibility?

Release Type: CHEMICAL

Release Substance: ANTIFREEZE

Media: GROUND SURFACE

Total Quantity: ~2 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds

Emergency Measures:

Has the Release Been Terminated?: YES

Type of Waterbody Affected:

Name of Waterbody Affected:

Total Quantity Recovered: 0

Total Quantity in Water: 0

Corrective Actions Taken: SANDED

Discharge Class: TRANSPORTATION

PRIVATE

Cause of Incident: MV ACCIDENT

Agencies Notified: LOCAL POLICE
DEP DISPATCH

LOCAL FIRE DEPARTMENT

Status: CLOSED



Connecticut Department of Energy and Environmental Protection
Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 2017-06633

Staff Receiving Call: 209 WELCH, THOMAS

Assigned To: 000 NO RESPONSE

Date of Release: 12/23/2017

Time of Release: UNKNOWN

Town of Release: ROCKY HILL

State of Release: CT

Location of Reported Release: 676 BRANCH STREET

Reported By: DISPATCH

Phone: (860) 256-7640

Ext:

Representing: PD

Responsible Party:

Phone:

Street Address:

Town:

State:

Zip Code:

Does the Responsible Party Accept Financial Responsibility?

Release Type: CHEMICAL

Release Substance: ANTIFREEZE

Media: GROUND SURFACE

Total Quantity: <2 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds

Emergency Measures:

Has the Release Been Terminated?: YES

Type of Waterbody Affected:

Name of Waterbody Affected:

Total Quantity Recovered: 0

Total Quantity In Water: 0

Corrective Actions Taken: SANDED

Discharge Class: TRANSPORTATION

PRIVATE

Cause of Incident: MV ACCIDENT

Agencies Notified: LOCAL POLICE

DEP DISPATCH

LOCAL FIRE DEPARTMENT

Status: CLOSED



**Connecticut Department of Energy and Environmental Protection
Emergency Response and Soil Prevention Division
Emergency Incident Report**

Case No.: 2017-06656

Staff Receiving Call: 215 SUMMERLIN, STEFFANI Assigned To: 000 NO RESPONSE

Date Reported: 12/24/2017 Time Reported: 22:40

Date of Release: 12/24/2017 Time of Release: UNKNOWN

Town of Release: ROCKY HILL State of Release: CT

Location of Reported Release: 70 WOODLAND RD

Reported By: ROCKY HILL PD Phone: (860) 258-7640 Ext:

Representing: SELF

Responsible Party: Phone:

Street Address:

Town: State: Zip Code:

Does the Responsible Party Accept Financial Responsibility?

Release Type: CHEMICAL

Release Substance: ANTIFREEZE

Media: GROUND SURFACE

Total Quantity: 0 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds

Emergency Measures: CONTENTS OF 2 RADIATORS, SPEEDY DRY

Has the Release Been Terminated?: YES

Type of Waterbody Affected:

Name of Waterbody Affected:

Total Quantity Recovered: 0 Total Quantity In Water: 0

Corrective Actions Taken: CONTAINED SANDED

Discharge Class: TRANSPORTATION

Cause of Incident: MV ACCIDENT

Agencies Notified: LOCAL POLICE
DEP DISPATCH
LOCAL FIRE DEPARTMENT

Status: CLOSED



**Connecticut Department of Energy and Environmental Protection
Emergency Response and Spill Prevention Division
Emergency Incident Report**

Case No.: 2017-06474

Staff Receiving Call: 204 THERRIEN, ADAM

Assigned To: 000 NO RESPONSE

Date Reported: 12/13/2017

Time Reported: 10:42

Date of Release: 12/13/2017

Time of Release: UNKNOWN

Town of Release: ROCKY HILL

State of Release: CT

Location of Reported Release: 56 GARFIELD ROAD

Reported By: DICK LEWIS

Phone: (203) 380-5644

Ext:

Representing: ENVIROSHIELD

Responsible Party: JOSE CAETANO

Phone: (860) 563-8132

Street Address:

Town:

State:

Zip Code:

Does the Responsible Party Accept Financial Responsibility?

Release Type: PETROLEUM

Release Substance: #2 FUEL OIL

Media: GROUND SURFACE

Total Quantity:

0 Gallons

0 Cubic Yards

0 Cubic Feet

0 Drums

0 Pounds

Emergency Measures: 275 ust, soil test awaiting results

Has the Release Been Terminated?: YES

Type of Waterbody Affected:

Name of Waterbody Affected:

Total Quantity Recovered: 0

Total Quantity In Water: 0

Corrective Actions Taken: REMOVED TANK

Discharge Class: PRIVATE

Cause of Incident: INGROUND TANK FAILURE

Agencies Notified: LOCAL FIRE MARSHAL

DEP DISPATCH

Status: CLOSED



Connecticut Department of Energy and Environmental Protection
Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 2017-06192

Staff Receiving Call: 205 COX, MICHAEL

Assigned To: 000 NO RESPONSE

Date Reported: 11/28/2017

Time Reported: 15:02

Date of Release: 11/28/2017

Time of Release: UNKNOWN

Town of Release: ROCKY HILL

State of Release: CT

Location of Reported Release: 160 AND NEW ROAD

Reported By: DISPATCH

Phone: (860) 258-7640

Ext:

Representing: RHF

Responsible Party: UNKNOWN

Phone:

Street Address:

Town:

State:

Zip Code:

Does the Responsible Party Accept Financial Responsibility?

Release Type: CHEMICAL

Release Substance: ANTIFREEZE

Media: GROUND SURFACE

Total Quantity: 6 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds

Emergency Measures: speedi dry

Has the Release Been Terminated?: YES

Type of Waterbody Affected:

Name of Waterbody Affected:

Total Quantity Recovered: 0

Total Quantity in Water: 0

Corrective Actions Taken: CONTAINED

Discharge Class: TRANSPORTATION

PRIVATE

Cause of Incident: MV ACCIDENT

Agencies Notified: DEP DISPATCH

LOCAL FIRE DEPARTMENT

Status: CLOSED



Connecticut Department of Energy and Environmental Protection
Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 2017-05570
Staff Receiving Call: 205 COX, MICHAEL Assigned To: 000 NO RESPONSE
Date Reported: 10/27/2017 Time Reported: 19:09
Date of Release: 10/27/2017 Time of Release: UNKNOWN
Town of Release: ROCKY HILL State of Release: CT
Location of Reported Release: I-91 SOUTH EXIT-23
Reported By: DISPATCH Phone: (860) 258-7640 Ext:
Representing: SELF
Responsible Party: Phone:
Street Address:
Town: State: Zip Code:

Does the Responsible Party Accept Financial Responsibility?

Release Type: CHEMICAL

Release Substance: ANTIFREEZE

Media: GROUND SURFACE

Total Quantity: 2 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds

Emergency Measures: speedi dry

Has the Release Been Terminated?: YES

Type of Waterbody Affected:

Name of Waterbody Affected:

Total Quantity Recovered: 0 Total Quantity in Water: 0

Corrective Actions Taken: CONTAINED

Discharge Class: TRANSPORTATION PRIVATE

Cause of Incident: MV ACCIDENT

LOCAL FIRE DEPARTMENT

Status: CLOSED



Connecticut Department of Energy and Environmental Protection
Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 2017-06001

Staff Receiving Call: 201 BURKEY, RACHAEL

Assigned To: 000 NO RESPONSE

Date Reported: 11/15/2017 Time Reported: 18:46

Date of Release: 11/15/2017 Time of Release: UNKNOWN

Town of Release: ROCKY HILL State of Release: CT

Location of Reported Release: WEST STREET AND I91 EXIT 23 RAMP

Reported By: 237 Phone: (860) 258-7640 Ext:

Representing: ROCKY HILL FD

Responsible Party: Phone:

Street Address:

Town: State: Zip Code:

Does the Responsible Party Accept Financial Responsibility?

Release Type: CHEMICAL

Release Substance: ANTIFREEZE

Media: GROUND SURFACE

Total Quantity: 0 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds

Emergency Measures: contents of one radiator

Has the Release Been Terminated?:

Type of Waterbody Affected:

Name of Waterbody Affected:

Corrective Actions Taken: SANDED

Discharge Class: TRANSPORTATION

Cause of Incident: MV ACCIDENT

Agencies Notified: DEP DISPATCH
LOCAL FIRE DEPARTMENT

Status: CLOSED



Connecticut Department of Energy and Environmental Protection
Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 2018-00636
Staff Receiving Call: 203 SUSAN CAMPBELL Assigned To: 000 NO RESPONSE
Date Reported: 02/08/2018 Time Reported: 21:17
Date of Release: 02/08/2018 Time of Release: 21:17
Town of Release: ROCKY HILL State of Release: CT
Location of Reported Release: WEST ST. BY SAGAMORE LN.
Reported By: 229 Phone: (860) 258-7640 Ext:
Representing: FD
Responsible Party: Phone:
Street Address:
Town: State: Zip Code:

Does the Responsible Party Accept Financial Responsibility?
Release Type: CHEMICAL
Release Substance: ANTIFREEZE
Media: GROUND SURFACE
Total Quantity: <3 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds
Emergency Measures: Contents of (1) radiator, Speedi-dri
Has the Release Been Terminated?: YES
Type of Waterbody Affected:
Name of Waterbody Affected: NONE
Total Quantity Recovered: 0 Total Quantity In Water: 0
Corrective Actions Taken: SANDED

Discharge Class: PRIVATE
Cause of Incident: MV ACCIDENT
Agencies Notified: LOCAL POLICE
DEP DISPATCH
LOCAL FIRE DEPARTMENT

Status: CLOSED



Connecticut Department of Energy and Environmental Protection
Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 2018-00638

Staff Receiving Call: 215 SUMMERLIN, STEFFANI Assigned To: 000 NO RESPONSE

Date Reported: 02/08/2018 Time Reported: 22:04

Date of Release: 02/08/2018 Time of Release: UNKNOWN

Town of Release: ROCKY HILL State of Release: CT

Location of Reported Release: 1380 SILAS DEANE HIGHWAY

Reported By: ROCKY HILL POLICE Phone: (860) 258-7640 Ext:

Representing: SELF

Responsible Party: Phone:

Street Address:

Town: State: Zip Code:

Does the Responsible Party Accept Financial Responsibility?

Release Type: PETROLEUM CHEMICAL

Release Substance: CONTENTS OF 1 COMPLETE ENGINE

Media: GROUND SURFACE

Total Quantity: 0 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds

Emergency Measures: SPEEDY DRY

Has the Release Been Terminated?: YES

Type of Waterbody Affected:

Name of Waterbody Affected:

Total Quantity Recovered: 0 Total Quantity in Water: 0

Corrective Actions Taken: CONTAINED SANDED

Discharge Class: TRANSPORTATION

Cause of Incident: MV ACCIDENT

Agencies Notified: LOCAL POLICE
DEP DISPATCH
LOCAL FIRE DEPARTMENT

Status: CLOSED



**Connecticut Department of Energy and Environmental Protection
Emergency Response and Spill Prevention Division
Emergency Incident Report**

Case No.: 2018-00620

Staff Receiving Call: 204 THERRIEN, ADAM

Assigned To: 000 NO RESPONSE

Date of Release: 02/08/2018

Time of Release: UNKNOWN

Town of Release: ROCKY HILL

State of Release: CT

Location of Reported Release: CROMWELL AVE @ MABLE ST

Reported By: 229

Phone: (860) 528-7640

Ext:

Representing: FD

Responsible Party:

Phone:

Street Address:

Town:

State:

Zip Code:

Does the Responsible Party Accept Financial Responsibility?

Release Type: CHEMICAL

Release Substance: mv fluids

Media: GROUND SURFACE

Total Quantity: 3 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds

Emergency Measures:

Has the Release Been Terminated?: YES

Type of Waterbody Affected:

Name of Waterbody Affected:

Total Quantity Recovered: 0

Total Quantity in Water: 0

Corrective Actions Taken: SANDED

Discharge Class: PRIVATE

Cause of Incident: MV ACCIDENT

Agencies Notified: DEP DISPATCH
LOCAL FIRE DEPARTMENT

Status: CLOSED