



2024 ANNUAL REPORT
MUNICIPAL SEPARATE STORM SEWER SYSTEM
ROCKY HILL, CONNECTICUT



Prepared By
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MS4 GENERAL PERMIT
Town of Rocky Hill 2024 Annual Report

Permit Number GSM 00016

January 1, 2024 – December 31, 2024

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This report documents the Town of Rocky Hill's efforts to comply with the conditions of the MS4 General Permit to the maximum extent practicable (MEP) from January 1, 2024 to December 31, 2024.

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	Ongoing	Posted educational material to Town website	Educate residents to the effects of fertilizers and pesticides, impervious coverage, runoff, and pollution reduction	Engineering	Jul 1, 2019	7/1/20	https://www.rockyhillct.gov/stormwater_management/index.php Public Education and Outreach CT NEMO Program (uconn.edu)
1.1-2 Address education/outreach for pollutants of concern	Completed	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	7/1/19	In conjunction with the Connecticut River Coastal Conservation District

1.1-3 Stormwater page on Town website	Ongoing	Town has created a webpage on the Town's 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
1.1-4 Stormwater page in Town quarterly newsletter	Ongoing	Publish educational material in Town's quarterly newsletter	Provide information to residents on the Storm Water Management program	Engineering		2020	See Appendix A
1.1.5 Employee training	Ongoing	Provide Highway and Parks maintainers with training on stormwater management	Provide information to field employees on the Storm Water Management program	Engineering		7/2024	

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
- Continue to educate boards and commissions on stormwater management
- Continue to educate staff on stormwater management
- Provide a link on the town website to NEMO
- Provide Pet Waste informational brochures at the town parks and with dog registrations.
- Continue to publish educational material in Town's quarterly newsletter.
- Distribute informational brochures at the Town library.

1.3 Details of activities implemented to educate the community on stormwater ----- SEE APPENDIX A FOR COPIES OF BROCHURES-----

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 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	All Resident and attendees	Pet Waste	Bacteria	Engineering
Distribute informational flyers with dog registrations	1400 Rocky Hill dog owners	Pet Waste	Bacteria	Town Clerk
Town of Rocky Hill Spring 2024 Brochure	Residents via US mail to 9000 homes	Water quality	Nitrogen, bacteria	Engineering
Town of Rocky Hill Summer 2024 Brochure	Residents via US mail to 9000 homes	Water quality	Nitrogen	Engineering
Town of Rocky Hill Fall 2024 Brochure	Residents via US mail to 9000 homes	Pet waste	Reducing demand	Engineering
Town of Rocky Hill Winter 2024/25 Brochure	Residents via US mail to 9000 homes	Winter water quality	Bacteria, salts	Engineering
Distribute information flyers at the Rocky Hill Library	Residents	Pet Waste, Invasive Species, Backyard water resources	Various	Engineering
Town of Rocky Hill Social Media pages	2500 members	Pet Waste	Bacteria	Engineering / IT
Direct Mailing to problem neighborhoods	100 Residents	Pet Waste	Bacteria	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 2024 Annual Report on Town website	Compliance with SWMP permit	Engineering	Feb 12, 2025	Feb 12, 2025	
2.1-3 Establish stormwater committee	Completed	Updated members and met January 29, 2024.	Provide forum to coordinate SWMP implementation across depts. and commissions	Engineering	Bi-Annual	October 2019 Ongoing	Committee members consist of Engineering, Wetlands, Planning, ZEO, Public Works, Parks and Rec, Fire, and Health District and will meet bi-annually 1.
2.1-4 Hazardous Waste Collection	Ongoing	Posted in local newspaper and and quarterly brochure	In conjunction with The MDC, provide residents disposal of hazardous materials	Public Works The MDC	Yearly	May 2024 On-going	
2.1-5 Bulky waste collection	Ongoing	Posted on the Towns website and and quarterly brochure	Provide residents with pick up of bulky wastes that may otherwise be illegally dumped into sensitive areas	Public Works, Central CT Health District		Daily 2024	http://www.rockyhillct.gov/departments/public-works/bulk_waste.php
2.1-5 Shred-it	Ongoing	Posted on the Town website and quarterly brochure	Shred-it events	Public Works		May, 2024 Sept, 2024	
2.1-6 Leaf pick-up	Ongoing	Posted on the Towns website and quarterly brochure	Provide residents with leaf pickup in the fall for recycling	Public Works	Yearly	Fall 2024	

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

- Hold bi-annually stormwater committee meetings to review SMP implementation progress.
- Continue bulky waste pick up
- Continue hazardous waste pick up
- Continue leaf pickup
- Continue Shred-it event
- Post annual report to website
- Seek volunteers for clean-up of public waterways

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	2/12/25 Draft, 4/1/25 Final	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	Completed	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	Town Ordinance 12/04/06	Posted on Town website https://ecode360.com/8847862
3.1-2 Develop list and maps of all MS4 stormwater outfalls in priority areas	Completed	Town has located and mapped 95% of all outfalls in town on GIS.	To locate and map on GIS all outfalls in town by years end	Engineering	Jul 1, 2020	July 1, 2020.	Updated 2024
3.1-3 Implement citizen reporting program	Completed	Manual program in place since 2019, online reporting form now available on Town's website	Online form completed to meet the permit	Engineering	Jul 1, 2017	July 1, 2019.	Manual program implemented in 2019, phone calls received by staff and recorded. Now Citizen Request Tracker can be used as well: https://www.rockyhillct.gov/RequestTracker.aspx
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	Manual program in place Purchasing cloud based tracking system which integrates with the GIS system	Develop a record keeping system to meet the permit	Engineering	Jul 1, 2017	July 1, 2019	Manual program implemented, recorded on spreadsheet.

3.1-6 Address IDDE in areas with pollutants of concern	Ongoing	Town has identified the outfall to test	To identify the pollutant sources and eliminate them	Engineering	Not specified	Ongoing	Incorporate recommendations made by CLEAR Report December 2023
3.1-7 Detailed MS4 infrastructure mapping	Completed	Town has located and mapped 99% 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	July 1, 2020.	
3.1-8 Complete list and maps of all MS4 Stormwater outfalls throughout municipality	Completed	Town has located and mapped 99% 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	July 1, 2020.	

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

- A link will be added to next year's Annual Report.
- Assess and implement report recommendations provided by CLEAR
- 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 have the citizen reporting form posted to the town website
- Continue to perform dry and wet weather screening
- Incorporate December 2023 recommendations by CLEAR

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 B-----

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.
- Receiving phone calls from citizens.
- In the process of creating a database or spreadsheet to track IDDE
- Citizen reporting form on the Town website and app

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	3 (Estimated)
Outfall mapping complete	99%
Interconnection mapping complete	0%
System-wide mapping complete (detailed MS4 infrastructure)	99%
Outfall assessment and priority ranking	99%
Dry weather screening of all High and Low priority outfalls complete	50%
Catchment investigations complete	0
Estimated percentage of MS4 catchment area investigated	25%

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 recognizing IDDE, vehicle washing; grease, oil, and other hazardous material disposal in the spring, and fertilizer and pesticides best management practices as well as animal waste in the fall. Training provided by Town Staff during work hours.

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

4.1 BMP Summary

B-+ MP	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	Completed		Procedure in place	Engineering Planning	Jul 1, 2020	2019	2025 POCD being developed
4.1-2 Develop/Implement plan for interdepartmental coordination in site plan review and approval	Complete		Procedure in place	Planning	Jul 1, 2017	July, 2017	Town has a plan review approval form to be completed by engineering, planning, zoning, wetlands, building, health, and emergency services prior to approvals being granted
4.1-3 Review site plans for stormwater quality concerns	Ongoing	Plans are reviewed by engineering and wetlands for compliance	Plan compliance with SWQ manual and LIDs	Engineer	Jul 1, 2017	Ongoing	
4.1-4 Conduct site inspections	Ongoing	Construction sites are inspected at least once a day for compliance to approved plans	Compliance with approved plans	Engineer Zoning	Jul 1, 2017	Ongoing	Wetlands officer is in the engineering department
4.1-5 Implement procedure to allow public comment on site development	Complete		Procedure in place	Engineering Planning	Jul 1, 2017	July, 2017	Public hearings are held on most proposed site development per the town Wetland and P&Z regulations

4.1-6 Implement procedure to notify developers about DEEP construction stormwater permit	Completed	Town informs developer of DEEP requirement throughout the application process. Language will be included in updated Subdivision regulations and Public Works Manual.	Post DEEP permits at construction site trailer	Planning Engineering	Jul 1, 2017	ongoing.	
4.1-7 Require erosion and sedimentation controls throughout construction	Ongoing	To meet Town requirements	Compliance with approved plans	ZEO	Ongoing	Ongoing	
4.1-8 Require maintenance and operations plan for water quality structures and detention ponds	Ongoing	To meet Town requirements	Compliance with approved plans	Engineering Wetlands ZEO	Ongoing	Ongoing	

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

- Continue to require applicants to submit E&S monitoring reports for sites that disturb more than one acre of land. Reports to be submitted monthly and after rain events of more than one inch of rainfall.
- Continue performing site inspections during construction.

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	Complete		Compliance	Planning	Jul 1, 2021	July 30, 2019	
5.1-2 Enforce LID/runoff reduction requirements for development and redevelopment projects	Ongoing		Inspect development for LID compliance		Jul 1, 2022	July, 2017	Town currently has a zero percent peak discharge requirement for all new proposed developments and modifications to properties
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, 2024	
5.1-4 Implement long-term maintenance plan for stormwater basins and treatment structures	Ongoing	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	
5.1-5 DCIA mapping	Ongoing	Identification	Create Map	Engineering	Jul 1, 2020	July, 2025	
5.1-6 Address post-construction issues in areas with pollutants of concern	Ongoing	None reported in 2019	Implement DCIA retrofit BMPs	Engineering	Not specified		Town inspects 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	2
DCIA disconnected	0 % this year / 0 % total since 2012
Estimated cost of retrofits	\$10,000
Detention or retention ponds identified	24 this year /24 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	Ongoing	Provided training to highway, parks maintainers, and custodians	Continue employee training	Public Works / Parks	Jul 1, 2019	March 2019	
6.1-2 Implement MS4 property and operations maintenance	Ongoing	Maintain 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 / Parks	Jul 1, 2018	July, 2019	
6-3 Implement coordination with interconnected MS4s	Not Started			Engineering	Not specified	TBD	Incomplete task. Develop/implement in 2024.
6.1-4 Develop/implement program to control other sources of pollutants to the MS4	Not Started		Notify commercial and industrial businesses of regulations by mail	Engineering	Not specified	Anticipate development by July 1, 2025	Incomplete task. Develop/implement in TBD in 2025.
6.1-5 Evaluate additional measures for discharges to impaired waters*	Ongoing			Engineering	Not specified	Ongoing	
6.1-6 Track projects that disconnect DCIA	Initiated Sept. 2023		To reduce 1% of total DCIA acreage per year	Engineering	Jul 1, 2017	Ongoing	
6.1-7 Implement infrastructure repair/rehab program	Ongoing		Retrofit last cb on line with 4' sump and hood	Engineering Public Works	Jul 1, 2021	Ongoing	Inspections performed as part of cleaning. CB's replaced as required

6.1-8 Develop/implement plan to identify/prioritize retrofit projects to disconnect 2% of DCIA	Ongoing			Engineering Public Works	Jul 1, 2022	Ongoing	Implement CLEAR recommendations presented December 2023
6.1-9 Develop/implement street sweeping program	Ongoing	Swept all roads utilizing town forces		Public Works	Jul 1, 2018	Ongoing	Note, the town does not use sand during its winter operations so there are limited sweepings to clean
6.1-10 Develop/implement catch basin cleaning program	Ongoing	338 basins cleaned, visual inspection during vacuuming	Clean 1/3 of all town-owned catch basins each year	Public Works	Jul 1, 2020	Ongoing	Mix of Town Forces & private Town –1094 (2024)
6.1-11 Develop/implement snow management practices	Ongoing	Implemented DEEP BMP for snow removal Rock salt stored in salt shed, liquid salts stored in storage tank		Public Works	Jul 1, 2018	July, 2017 (developed) Summer 2018 completed	Plan included in Town Stormwater Management Plan
6.1-12 Develop/implement pet waste management practices	Ongoing	Signs regarding pet waste posted at dog park Pet waste bags and trash receptacle provided at dog park		Parks	Jul 1, 2017	July, 2017 (developed) Summer 2018 completed	Plan to provide informational brochures for distribution at town parks regarding pet waste
6.1-13 Hazardous Waste Collection	Ongoing	Annual hazardous waste collection for Rocky Hill residents in conjunction with The MDC		Public Works The MDC	Yearly	October 2024	
6.1-14 Bulky waste collection	Ongoing	Town pick up bulky waste from residents on request		Public Works		Daily 2024	
6.1-15 Leaf pick-up	Ongoing	Posted on the Town's website		Public Works	Yearly	Fall 2024	

6.1-15 Parks	Ongoing	Established integrated pesticide management program		Parks & Recreation		2020	The parks department has been following this program
6.1-19 Highway Garage	Ongoing	Uses under-carriage truck wash	Send pollutants to treatment structure	Public Works		2020	Public Works purchased an under-carriage truck wash
6.1-20 Shred-It	Ongoing	Posted on the Town website and quarterly brochure	Shred-It events	Public Works		May 2024 Sept 2024	

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

- Provide additional training to highways, parks, and custodians.
- Provide training to land use boards and commissions
- Provide additional literature regarding pet waste to be placed at all town parks
- Create a database for DCIA
- Information plaques on catch basins and bridges (culverts) stating water flows to Long Island Sound
- Continue hazardous waste collection
- Continue bulky waste collection
- Continue leaf pick-up
- Volunteers to clean along waterways

6.3 Pollution Prevention/ Good Housekeeping Reporting Metrics

Metrics	
Employee training provided for key staff	annually
Street sweeping	
Curb miles swept	124 miles
Volume (or mass) of material collected	50 +/- tons (estimated)
Catch basin cleaning	
Total catch basins in priority areas	2320
Total catch basins in MS4	2320
Catch basins inspected	1094
Catch basins cleaned	1094 (unknown # drain to impaired waters)
Volume (or mass) of material removed from all catch basins	20 cy (estimated)
Volume removed from catch basins to impaired waters (if known)	4 cy (estimated)

Snow management	
Type(s) of deicing material used	Rock Salt Treated Salt Magnesium Chloride
Total amount of each deicing material applied	0 cy Rock Salt 450 cy Treated Salt 200 gal. Magnesium Chloride
Type(s) of deicing equipment used	Trucks with spreaders and sprayer
Lane-miles treated	124 miles
Snow disposal location	N/A (no site used by Town)
Staff training provided on application methods & equipment	Yes, November 2024
Municipal turf management program actions (for permittee properties in basins with N/P impairments)	
Reduction in application of fertilizers (since start of permit)	0 lbs or %
Reduction in turf area (since start of permit)	0 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.

1. All catch basins that were within the towns' annual paving project areas are cleaned, inspected, and repaired.
2. Clean 1/3 of town-owned catch basins each year by a subcontractor. (Shaw Vac Service)

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.

Retrofitted two areas with drywells and leaching water quality trenches in 2020. DCIA unknown.

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

Not complete. Implement CLEAR recommendations in 2025.

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

Identify areas where the Town can use infiltration practices and prioritize possible modifications. Implement CLEAR recommendations – Town Hall campus, misc. schools.

Part II: Impaired waters investigation and monitoring

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.

See Appendix D for more information.

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

2.1 Screening data collected under 2017 permit

----- SEE APPENDIX B FOR COPIES OF 2023 OUTFALL SCREENING RESULTS-----

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. *See Appendix B for 2020 results*

PRE-2017 PERMIT

Outfall ID	Sample date	Parameter (Nitrogen, Phosphorus, Bacteria, or Other pollutants 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

2018

7-15	9-18-18	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes
7-17	9-18-18	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes
7-19	9-18-18	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes
11-1	9-18-18	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes
11-2	9-18-18	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes
11-4	9-18-18	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes

2019

11-5	4/15/19	Bacteria	3870/100 mL	Phoenix Environmental Lab	Yes
7-16	4/15/19	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes
11-8	4/15/19	Bacteria	52/100 mL	Phoenix Environmental Lab	Yes
11-3	4/15/19	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes
8-13	4/15/19	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes
11-7	4/15/19	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes

2020

OF-33	11/23/20	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes
OF-32	11/23/20	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes
OF-80	11/23/20	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes
OF-29	11/23/20	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes
OF-78	11/23/20	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes
OF-24	11/23/20	Bacteria	3870/100 mL	Phoenix Environmental Lab	Yes

2021

		No Sampling or Testing Performed			
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2022

		No Sampling or Testing Performed			
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2023

Outfall ID	Sample date	Parameter (Nitrogen, Phosphorus, Bacteria, or Other pollutant of concern)	Results	Name of Laboratory (if used)	Follow-up required?
OF-33	07/14/23	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes
OF-32	07/14/23	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes
OF-80	07/14/23	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes
OF-29	07/14/23	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes
OF-78B	07/14/23	Bacteria	>24,200/100 mL	Phoenix Environmental Lab	Yes
OF-24	07/14/23	Bacteria	3870/100 mL	Phoenix Environmental Lab	Yes

2024

		No Sampling or Testing Performed due to lack of qualified rain event			
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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, 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

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 / Intercon nection ID	Screenin g / sample date	Ammoni a	Chlorine	Conducti vity	Salinity	E. coli or enteroco ccus	Surfacta nts	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 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

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

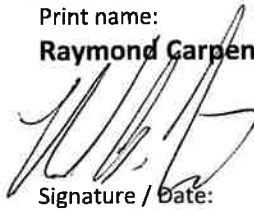
Part IV: Certification

"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

Print name:

Raymond Carpentino, Town Manager

 3/26/25
Signature / Date:

Document Prepared by

Print name:

**David Palmberg, Environmental Specialist /
Land Surveyor**

 3.26.25
Signature / Date:

APPENDIX A

TOWN OF ROCKY HILL - QUARTERLY NEWSLETTERS 2024

APPENDIX B

**TOWN OF ROCKY HILL - HOUSEHOLD HAZARDOUS WASTE
DAY CALENDAR 2024**

APPENDIX C

CT DEEP & MDC INCIDENT REPORTS (2024)

APPENDIX D

**2024 OUTFALL SCREENING
NO TESTING PERFORMED DUE TO LACK OF QUALIFIED RAIN
EVENT**

APPENDIX E

CATCH BASIN CLEANING (2024)