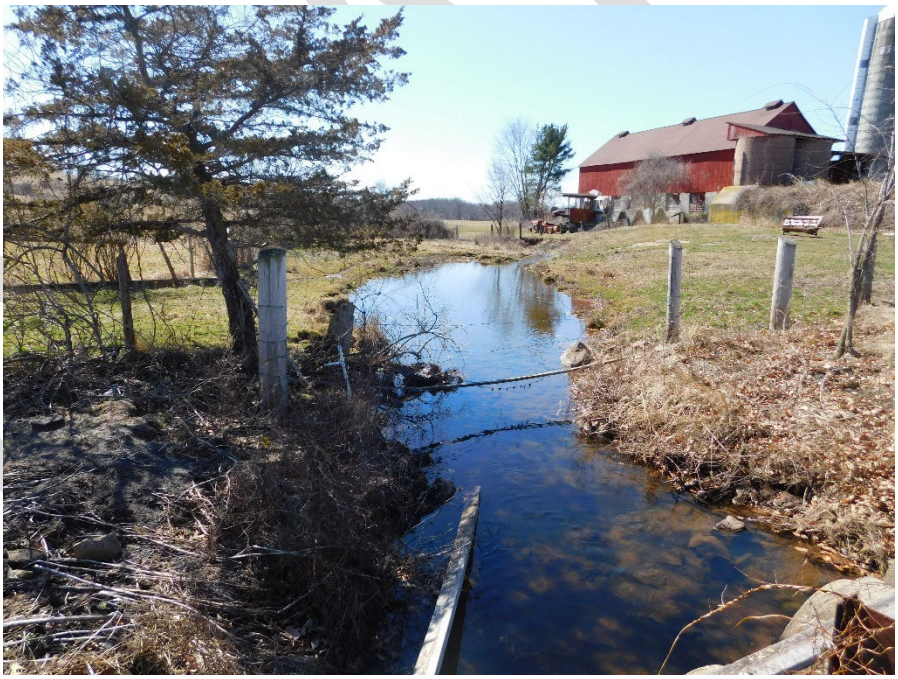
# 2025 ANNUAL REPORT

## MUNICIPAL SEPARATE STORM SEWER SYSTEM

## ROCKY HILL, CONNECTICUT



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*February 12, 2026*

# MS4 GENERAL PERMIT
# Town of Rocky Hill 2025 Annual Report

Permit Number GSM 00016
January 1, 2025 – December 31, 2025
Primary MS4 contact: David Palmberg, Environmental Specialist/Land Surveyor,
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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, 2025 to December 31, 2025.

## 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<br><br>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 |
| 1.1-2 | Ongoing | Mail educational materials to affected | Educate residents along the impaired waters to | Engineering | Jul 1, 2019 | 4/1/2025 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | areas, posted signage | the effects of pet waste bags | | | | |
| 1.1-3 Stormwater page on Town website | Ongoing | 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 |
| 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<br>11/2025 | |

**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. Add additional signage in problem areas
- Continue to publish educational material in Towns quarterly newsletter.
- Distribute informational brochures at the Town library.
- Distribute information via social media

**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 | 12,000 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 | Feb 12, 2025 | 4/1/25 | 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 2025 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 2025 | 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, 2025 Sept, 2025 | |
| 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 2025 | |

### 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
- Continue to 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** |
|---|---|---|
| 3-11-25 | Turbid water in watercourse Marshall Rd / Silas Deane Hwy | Investigated, found flushing of new water main, chlorine. Responded to D.E.E.P Stormwater Mgmt. |

### 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) |
|---|---|---|---|---|---|---|

### 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.
- Additional training of SPPP for parks and highway staff

## 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 | Inventory completed | | Create database of all stormwater basins and structures, inspect annually | Engineering | Jul 1, 2020 | July, 2025 | |
| 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 | TBD | |
| 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) | unknown |
| DCIA disconnected (redevelopment plus retrofits) | 0.4 acres this year /0.4 acres total |
| Retrofits completed | 7 |
| DCIA disconnected | 0.4 acres this year /0.4 acres total |
| Estimated cost of retrofits | $4,000 |
| Detention or retention ponds identified | 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<br><br>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 April 2026 As part of IGP renewals | Incomplete task. Develop/implement in TBD in 2026 As part of IGP renewals |
| 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<br>Town –1094 (2024) |
| 6.1-11 Develop/implement snow management practices | Ongoing | Implemented DEEP BMP for snow removal<br><br>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<br><br>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 2025 | |
| 6.1-14 Bulky waste collection | Ongoing | Town pick up bulky waste from residents on request | | Public Works | | Daily 2025 | |
| 6.1-15 Leaf pick-up | Ongoing | Posted on the Town's website | | Public Works | Yearly | Fall 2025 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 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 2025<br>Sept 2025 | |

### 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 | 537 |
| Catch basins cleaned | 537 (unknown # drain to impaired waters) |
| Volume (or mass) of material removed from all catch basins | 12<br>cy (estimated) |
| Volume removed from catch basins to impaired waters (if known) | 2 cy (estimated) |

| | |
|---|---|
| Snow management | |
| Type(s) of deicing material used | Rock Salt<br>Treated Salt<br>Magnesium Chloride |
| Total amount of each deicing material applied | 0 cy Rock Salt<br>400 cy Treated Salt<br>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 2025 |
| 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 and Town)

## 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 Autumn Circle / Winter Lane – 0.40 ac. disconnected

**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 2026

**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** | | | |

## 2022

| | | | | | |
|---|---|---|---|---|---|
| | | **No Sampling or Testing Performed** | | | |

## 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** | | | |

## 2025

| Outfall ID | Sample date | Parameter (Nitrogen, Phosphorus, Bacteria, or Other pollutant of concern) | Results | Name of Laboratory (if used) | Follow-up required? |
|---|---|---|---|---|---|
| OF-33 | 05/22/25 | Bacteria | >24,200/100 mL | Phoenix Environmental Lab | Yes |
| OF-32 | 05/22/25 | Bacteria | >24,200/100 mL | Phoenix Environmental Lab | Yes |
| OF-80 | 05/22/25 | Bacteria | >24,200/100 mL | Phoenix Environmental Lab | Yes |
| OF-29 | 05/22/25 | Bacteria | >24,200/100 mL | Phoenix Environmental Lab | Yes |
| OF-78B | 05/22/25 | Bacteria | >24,200/100 mL | Phoenix Environmental Lab | Yes |
| OF-24 | 05/22/25 | Bacteria | >24,200/100 mL | Phoenix Environmental Lab | Yes |

## 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 |
|---|---|---|
| 24,29,32,33,78B,80 | Reviewed septic records w/ CCHD and MDC, Physically investigated seeps or spills. No sources found | Drainage improvements on Hayes Rd will isolate potential sources for further investigation. |
| | | |
| | | |

## 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) |
|---|---|---|---|---|

**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 / 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 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 | Document Prepared by |
|---|---|
| Print name:<br>**Raymond Carpentino, Town Manager** | Print name:<br>**David Palmberg, Environmental Specialist / Land Surveyor** |
| Signature / Date: | Signature / Date: |

# *APPENDIX A*

## TOWN OF ROCKY HILL - QUARTERLY NEWSLETTERS 2025

# *APPENDIX B*

## TOWN OF ROCKY HILL – HOUSEHOLD HAZARDOUS WASTE DAY CALENDAR 2025

# *APPENDIX C*

## CT DEEP & MDC INCIDENT REPORTS (2025)

# *APPENDIX D*

## 2025 OUTFALL SCREENING

# *APPENDIX E*

## CATCH BASIN CLEANING (2025)