



*2019 ANNUAL REPORT*  
*MUNICIPAL SEPARATE STORM SEWER SYSTEM*  
*ROCKY HILL, CONNECTICUT*



Prepared By  
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**MS4 GENERAL PERMIT**  
**Town of Rocky Hill 2019 Annual Report**  
 New MS4 Permittee  
 Permit Number GSM 00016  
 January 1, 2019 – December 31, 2019

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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, 2019 to December 31, 2019.

**PART I: SUMMARY OF MINIMUM CONTROL MEASURE ACTIVITIES**

**1. Public Education and Outreach (Section 6 (a)(1) / page 19)**

**1.1 BMP Summary**

| BMP   | Status   | Activities in current reporting period                      | Measurable goal  | Department / Person Responsible | Due         | Date completed or projected completion date | Additional details   |
|---|----------|---|--|---------------------------------|-------------|---|--|
| 1.1-1 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 | 7/1/19                                      | <a href="http://www.rockyhillct.gov/stormwater_management/pesticides_fertilizer_and_lawn_care_information.php">http://www.rockyhillct.gov/stormwater_management/pesticides_fertilizer_and_lawn_care_information.php</a><br><br><a href="http://nemo.uconn.edu/ms4/implement/public-education.htm">http://nemo.uconn.edu/ms4/implement/public-education.htm</a> |
| 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 | 7/1/19                                      | 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      | <a href="http://www.rockyhillct.gov/stormwater_management/stormwater_management_educational_resources.php">http://www.rockyhillct.gov/stormwater_management/stormwater_management_educational_resources.php</a> |
| 1.1-4 Stormwater page in Town quarterly newsletter | On going | Publish educational material in Towns quarterly news letter  | Provide information to residents on the Storm Water Management program       | Engineering |             | 2019        | See Appendix A  |
| 1.1.5 Employee training                            | On going | Provide Highway and Parks maintainers with training on stormwater management   | Provide information to field employees on the Storm Water Management program | Engineering |             | March, 2019 |   |

**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
- Publish educational material in Towns quarterly news letter
- 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-----**

| <b>Program Element/Activity</b>   | <b>Audience (and number of people reached)</b> | <b>Topic(s) covered</b>                               | <b>Pollutant of Concern addressed (if applicable)</b> | <b>Responsible dept. or partner org.</b> |
|---|--|---|---|--|
| 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                                     | 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 2019 Brochure   | Residents via US mail to 9000 homes            | Turbid Waters   |   | Engineering                              |
| Town of Rocky Hill Summer 2019 Brochure   | Residents via US mail to 9000 homes            | Rain Gardens  | Bacteria  | Engineering                              |
| Town of Rocky Hill Fall 2019 Brochure   | Residents via US mail to 9000 homes            | Environmentally friendly lawns                        | Bacteria  | Engineering                              |
| Town of Rocky Hill Winter 2019/20 Brochure  | Residents via US mail to 9000 homes            | Winter snow removal                                   | Bacteria  | Engineering                              |
| Distribute information flyers at the Rocky Hill Library                                       | Residents                                      | Pet Waste, Invasive Species, Backyard water resources | Various   | 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 2019 Annual Report on Town website         | Compliance with SWMP permit  | Engineering                     | Feb 15, 2020 | April 1, 2020                               |   |
| 2.1-3 Establish stormwater committee  | Completed | Identified members and met October 29, 2019.      | Provide forum to coordinate SWMP implementation across depts. and commissions                              | Engineering                     |              | Fall 2019                                   | Committee members consists of Engineering, Wetlands, Planning, ZEO, Public Works, Parks and Rec, Fire and Health District and will meet bi-annually |
| 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<br>The MDC         | Yearly       | July 7, 2019                                |   |
| 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 2019                                  | <a href="http://www.rockyhillct.gov/departments/public-works/bulk_waste.php">http://www.rockyhillct.gov/departments/public-works/bulk_waste.php</a> |
| 2.1-5 Bulky waste collection  | On going  | Posted on the Town website and quarterly brochure | Shred-it events  | Public Works                    |              | May 4, 2019<br>Sept 14, 2019                |   |
| 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 2019                                   |   |

|                                   |           |   |   |            |  |                  |  |
|-----------------------------------|-----------|---|---|------------|--|------------------|--|
| 2.1-7 Dividend Pond Park clean up | Completed | Henkel Corporation provided volunteers for clean-up of Dividend Pond Park | Remove litter from the parks ponds, brook and grounds | Volunteers |  | October 11, 2019 |  |
|-----------------------------------|-----------|---|---|------------|--|------------------|--|

**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
- See volunteers for clean-up 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,<br>7/1/17 Final  | Engineering Dept. and Town Web Page<br><a href="http://www.rockyhillct.gov/2017_RH_SWP_Plan_FINAL_7-1-17.pdf">http://www.rockyhillct.gov/2017_RH_SWP_Plan_FINAL_7-1-17.pdf</a> |
| Availability of Annual Report announced to public                  | Yes         | 2/15/20 Draft,<br>4/1/20 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   | 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, 2020. |   |
| 3.1-2 Develop list and maps of all MS4 stormwater outfalls in priority areas | On going    | 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   | Anticipate completing by the deadline of July 1, 2020. |   |
| 3.1-3 Implement citizen reporting program                                    | In Progress | Manual program in place. 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   | July 1, 2019.  | Manual program implemented, phone calls received by staff and recorded    |
| 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, recoded on spreadsheet.                       |
| 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 95% 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 95% 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. |  |

**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
- Complete the outfall mapping town wide
- To have the citizen reporting form posted to the town website
- Continue to perform dry and wet weather screening

**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<br>(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 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                       | 3 (Estimated) |
| Outfall mapping complete   | 95%           |
| Interconnection mapping complete                                     | 0%            |
| System-wide mapping complete (detailed MS4 infrastructure)           | 95%           |
| Outfall assessment and priority ranking                              | 95%           |
| 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 provided by Town Staff during work hours.

## 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 | Completed |   | Procedure in place                        | Engineering Planning            | Jul 1, 2020 | 2019  |   |
| 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 are granted |
| 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  |   | 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       | In progress | Town informs developer of DEEP requirement throughout the application process. Language will be included in updated Subdivision regulations | Post DEEP permits at construction site trailer | Planning                       | Jul 1, 2017 | Anticipate completing by July 1, 2020. | 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<br>Wetlands<br>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.
- Continue to require applicants to submit E&S monitoring reports for sites that disturb more than one acre of land. Reports to 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                                   | On going    |   | 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, 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 an 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 2019   | Implement DCIA retrofit BMP's   | 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                                       | 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   | March 2019                                  |   |
| 6.1-2 Implement MS4 property and operations maintenance                           | On going    | 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                    | Jul 1, 2018   | July, 2019                                  |   |
| 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, 2019.     |   |
| 6.1-5 Evaluate additional measures for discharges to impaired waters*             | On going    |  |  | Engineering                     | Not specified | On going                                    |   |
| 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, 2020      | 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<br>Public Works     | Jul 1, 2021   | July 1, 2021                                |   |

|   |             |   |   |                             |             |  |  |
|---|-------------|---|---|-----------------------------|-------------|--|--|
| 6.1-8<br>Develop/implement plan to identify/prioritize retrofit projects to disconnect 2% of DCIA | Not Started |   |   | Engineering<br>Public Works | Jul 1, 2022 | Jul 1, 2022                                  |  |
| 6.1-9<br>Develop/implement street sweeping program  | On going    | Swept all roads utilizing town forces   |   | Public Works                | Jul 1, 2018 | 2019   | Note, the town does not use sand during its winter operations so there is limited sweepings to clean |
| 6.1-10<br>Develop/implement catch basin cleaning program  | On going    | Subcontractor vacuum 695 CB's, visual inspection during vacuuming   | Clean 1/3 of all town owned catch basin | Public Works                | Jul 1, 2020 | October 2019                                 |  |
| 6.1-11<br>Develop/implement snow management practices   | On going    | 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<br>Develop/implement pet waste management practices  | On going    | 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   | On going    | Annual hazardous waste collection for Rocky Hill residents in conjunction with The MDC                          |   | Public Works<br>The MDC     | Yearly      | July 7, 2019                                 |  |
| 6.1-14 Bulky waste collection   | On going    | Town pick up bulky waste from residents on request  |   | Public Works                |             | Daily 2019                                   |  |
| 6.1-15 Leaf pick-up   | On going    | Posted on the Towns website   |   | Public Works                | Yearly      | Fall 2019                                    |  |

|                        |          |   |   |              |  |                              |   |
|------------------------|----------|---|---|--------------|--|------------------------------|---|
| 6.1-15 Parks           | On going | Established integrated pesticide management program                       |   | Park         |  | 2019                         | The parks department has been following this program        |
| 6.1-19 Highway Garage  | On going | Uses under carriage truck wash  | Send pollutants to treatment structure                | Public Works |  | 2019                         | Public Works built an under carriage truck wash             |
| 6.1-20 Shred-It        | On going | Posted on the Town website and quarterly brochure                         | Shred-It events                                       | Public Works |  | May 4, 2019<br>Sept 14, 2019 |   |
| 6.1-21 Stream clean-up | On going | Henkel Corporation provided volunteers for clean-up of Dividend Pond Park | Remove litter from the parks ponds, brook and grounds | Volunteers   |  | October 11, 2019             | Working with local companies to provide volunteers for 2020 |

**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
- Continue hazards waste collection
- Continue bulky waste collection
- Continue leaf pick up

**6.3 Pollution Prevention/ Good Housekeeping reporting metrics**

| <b>Metrics</b>   |                              |
|--|------------------------------|
| Employee training provided for key staff                       | Yes, March, 2019             |
| <b>Street sweeping</b>   |                              |
| Curb miles swept   | 120 miles                    |
| Volume (or mass) of material collected                         | 97 tons                      |
| <b>Catch basin cleaning</b>                                    |                              |
| Total catch basins in priority areas                           | 2320                         |
| Total catch basins in MS4                                      | 2320                         |
| Catch basins inspected   | 695                          |
| Catch basins cleaned   | 695 (177 to impaired waters) |
| Volume (or mass) of material removed from all catch basins     | 335 cy                       |
| Volume removed from catch basins to impaired waters (if known) | 89 cy                        |

|  |   |
|--|---|
| Snow management  |   |
| Type(s) of deicing material used   | Rock Salt<br>Treated Salt<br>Magnesium Chloride                         |
| Total amount of each deicing material applied  | 405 cy Rock Salt<br>480 cy Treated Salt<br>500 # gal Magnesium Chloride |
| Type(s) of deicing equipment used  | Trucks with spreaders and sprayer                                       |
| Lane-miles treated   | 124 miles   |
| Snow disposal location   | N/A   |
| Staff training provided on application methods & equipment   | Yes, October, 2019  |
| 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.**

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.**

Not complete

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

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.**

Not complete

**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.

Identified and tested 6 outfalls in 2019.

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

**2.1 Screening data collected under 2017 permit**

----- SEE APPENDIX C FOR COPIES OF 2019 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 2019 results

| Outfall ID | Sample date | Parameter<br>(Nitrogen, Phosphorus,<br>Bacteria, or Other<br>pollutant of concern) | Results        | Name of Laboratory (if<br>used) | Follow-up<br>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                     |

|      |         |          |                |                           |     |
|------|---------|----------|----------------|---------------------------|-----|
| 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 |

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

**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

Print name:

**John Mehr, Town Manager**

Signature / Date:

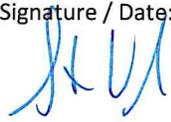
 4/6/20

Document Prepared by

Print name:

**Stephen D. Sopelak, PE, Town Engineer**

Signature / Date:

 4/6/20

*APPENDIX A*

TOWN OF ROCKY HILL - QUARTERLY NEWSLETTER 2019

Town of Rocky Hill

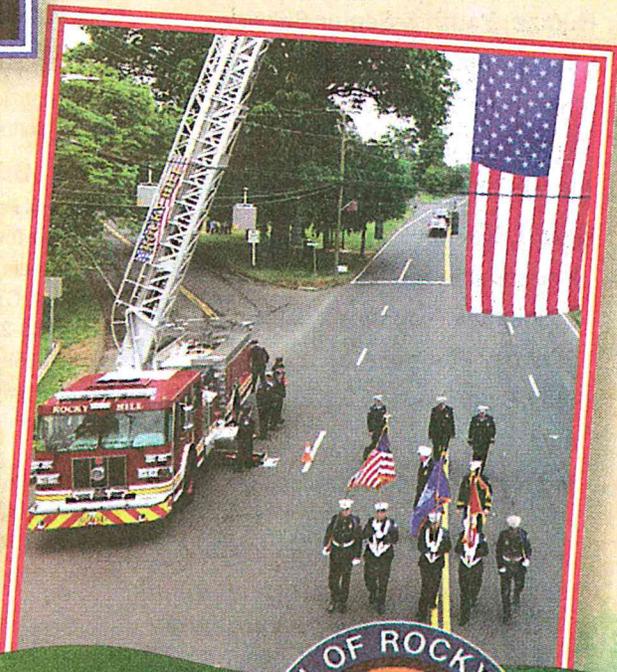
# Spring 2019

**Parks & Recreation**  
Registration starts March 18  
Pages 2-14

**Community Development &  
Public Works**  
Page 15

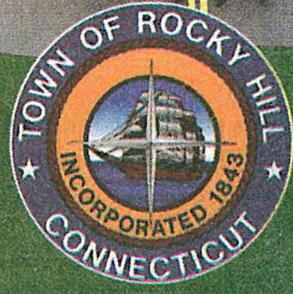
**Human, Youth, &  
Senior Services**  
Registration starts March 18  
Pages 16-18

**Cora J. Belden Library**  
Pages 19-23



❖ **SOMETHING FOR EVERYONE** ❖

Visit us online: [www.rockyhillct.gov](http://www.rockyhillct.gov)



## Water Quality Matters

### Turbid Water... Why you should care

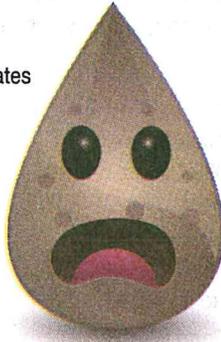
During rainstorms our ponds, streams and rivers often become clouded with suspended sediments. Excess sediment is more than just an eyesore – it creates turbid waters. The opacity, or cloudiness, of water is measured as turbidity.

High turbidity is dangerous to fish and other aquatic life. It reduces the amount of sunlight penetrating into the water, impairs sight feeding fish, and clogs fish gills, which can lead to suffocation. When suspended sediments eventually settle out, they can smother eggs and larvae of aquatic organisms on the stream, pond or river bottom.

Without proper pollution prevention and source control measures in place, roads, parking lots, earth excavation projects, construction sites, agricultural fields and even your yard can contribute to sever sedimentation.

The next time you notice a pond, stream or river in your town that is discolored, muddy or turbid, report the problem to your town's wetland enforcement officer, land use office, DPW or chief elected official.

Please see out website for more information. [www.rockyhillct.gov/wetlands](http://www.rockyhillct.gov/wetlands)



## Public Works

### Brush Pickup

The Highway Department collects limbs, branches, brush and shrubs placed at the curb by the residential homeowners. The intent is to allow residential homeowners to properly dispose of tree and shrub clippings, dead or fallen branches as a result of storms and routine yard maintenance.

The Town of Rocky Hill will have three (3) collections for brush pickup in 2019, the weeks of May 20–24, July 15–19 and September 16–20. For the remainder of the year, brush and leaves may be brought to the Transfer Station at 59 Old Forge Road year round. There is no pick up list as the Town checks each street starting from the east side (Connecticut River) of the Town and works west. Therefore, PLEASE DO NOT CALL to arrange pick up.

### Acceptable Practices or Materials:

The Town reserves the right to limit the amount per property to one truck load or up to (10) ten cubic yards, (6' wide x 6' high pile, 8' long). Amounts exceeding this may be dropped off at the Transfer Station by the homeowner during normal business hours.

### Unacceptable Practices or Materials:

If brush is not removed, an explanation of why will be left on a door knocker at entrance of home. Brush Pick-Up is for residential homeowners only, not for commercial properties, apartment or condominium complexes, land clearing and whole tree removals.

Please see out website for more information: [www.rockyhillct.gov/publicworks](http://www.rockyhillct.gov/publicworks)



## Shred-It

Each resident is permitted to bring up to 3 copy paper-sized boxes or brown paper bags of material to be shredded. Driver's license required for proof of residency. Paper only.

**Dates:** May 11 & September 14  
**Time:** 9:00am–noon  
**Location:** Stevens School  
322 Orchard Street

**ORTHO SPEEDPASS**  
Walk-In Urgent Orthopedic Care

Take the Express Lane for Injuries

- Sprains, Strains & Fractures
- Hip, Joint & Back Pain
- All Ages Welcome
- No Appointment Needed

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1111 Cromwell Ave., Bldg. 4  
860-525-4469

**AVON**  
31 Avon Dr.  
860-751-6039

**MANCHESTER**  
277 W. Middle Tpke.  
860-432-4640  
Open Evenings & Sat.

**HARTFORD ORTHOPEDIC SURGEONS**  
[htfdorthosurg.com](http://htfdorthosurg.com)

**ORTHOPEDIC SURGERY**  
**SPORTS MEDICINE**

### Contacts:

Departmental Phone: 860-258-2766 (General) or 860-258-2733 (Building Dept.)

Jim Sollmi, PE, LS – Director of Community Development and Public Works, 860-258-2762

Stephen Sopolak, PE – Town Engineer, 860-258-7672

Joe Lentini – Field Operations and Highway Superintendent, 860-258-7709

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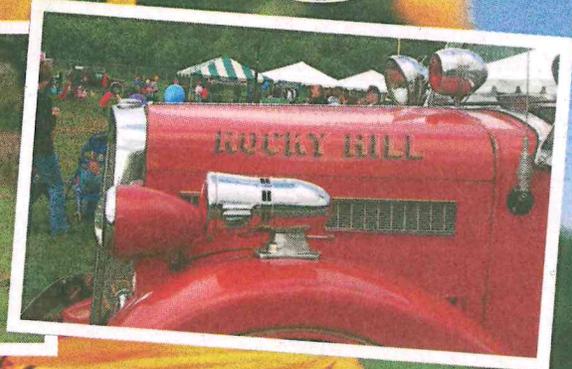
J-P Langlois – Building Official, 860-258-2745

Mike Violette – Asst. Building Official, 860-258-7673

Steve Kardys – Asst. Building Official, 860-258-7676

Town of Rocky Hill

# Summer 2019



## Parks & Recreation

Registration starts May 6

Pages 2-17

## THE RICHARD D. TULISANO Summer Concert Series

Tuesday evenings in July & August  
at the  
Veterans Memorial Amphitheater –  
Elm Ridge Park.

See page 13 for more info.

## Community Development & Public Works

Page 17

## Human, Youth, & Senior Services

Registration starts May 6

Pages 18-20

## Cora J. Belden Library

Pages 21-23

# Summer Fun for Everyone

VISIT US ONLINE: [WWW.ROCKYHILLCT.GOV](http://WWW.ROCKYHILLCT.GOV)

## Aquatics

### 20th Annual Dog Day at the Pool

Join us for the 20th annual event on the 20th!!! Bring your well-behaved dog to the pool for a day of swimming!! After the outdoor pool closes for the summer, all dog owners with their pets are welcome. Swimming for dogs only. All money collected will be used for the Rocky Hill Dog Park, located in Elm Ridge Park.



**Days:** Tuesday  
**Date:** August 20  
**Time:** 4:00–5:15pm and 5:30–6:45pm  
**Location:** Elm Ridge Pool  
**Fee:** \$5 per dog and \$1 per person

### Sea Lions Swim Team

The Rocky Hill Sea Lions Swim Team is a recreational team for ages 6–18. Participating in swim team promotes individual ability as well as team camaraderie. Practice is held Monday-Friday, and attending a minimum of 3 times/week is recommended. Meets are held in the evenings in July.

**Minimum requirements:** Must be able to swim 1 length of pool (75') without stopping and dive into deep water. Swim team does not teach you

how to swim. Swimmer should know basics of front crawl, back crawl and breaststroke.

**Coaches:** Melisha DeMaio and Mark Catania  
**Days:** Monday-Friday  
**Dates:** Begins May 28 and runs through July  
**Time:** 5:00–6:30pm through June 21; starting June 24 practice will be held M-W-F 4:00–5:30pm; T-TH 4:30–6:00pm  
**Location:** High School Pool  
**Fee:** \$165 for residents and \$205 for non-residents (\$20 discount for additional children)  
**Max.:** 80

### Elm Ridge Outdoor Pool

The outdoor pool is located in Elm Ridge Park on Elm Street. The main pool is 6 lanes wide and the depth ranges from 3' to 8'. No diving is allowed. The wading pool is for ages 5 and under and is 1' deep. The pool is open 7 days/week in the summer.



### High School Pool

The indoor pool is open to the public and located in Rocky Hill High School. The pool is 6 lanes, 75' long with a 1 meter diving board. The shallow end is 3.5' deep. The pool is open Monday–Saturday during the school year and Monday–Friday in the summer.

**Pool Schedule:** For the most up to date schedule check at the pool, on the web site or call the office.

#### Pool Admission Fees:

Pool passes are available to Rocky Hill residents with proof of residency.

**Pass fees for residents:** Year round family \$70; year round single \$48, valid 7/1/19–6/30/20. Summer family badge \$50; summer single \$30. Family passes are for up to 6 people at the same address; \$5 each for each additional family member.

**Drop in fees:** \$2 for residents without pass, \$5 for non residents. Resident senior citizens (age 55 and up) are entitled to a free pool pass.

**Pool locations:** Rocky Hill High School Pool (50 Chapin Avenue) and Elm Ridge Outdoor Pool (Elm Ridge Park, Elm Street)

## Community Development and Public Works

### Water Quality Matters

#### All About Rain Gardens

A rain garden is a garden of native shrubs, perennials, and flowers planted in a small depression, which is generally formed on a natural slope. It is designed to temporarily hold and soak in rain water runoff that flows from roofs, driveways, patios or lawns. Rain gardens are effective in removing up to 90% of nutrients and chemicals and up to 80% of sediments from the rainwater runoff. Compared to a conventional lawn, rain gardens allow for 30% more water to soak into the ground.

A rain garden is not a water garden. Nor is it a pond or a wetland. Conversely, a rain garden is dry most of the time. It typically holds water only during and following a rainfall event. Because rain gardens will drain within 12–48 hours, they prevent the breeding of mosquitoes.

#### Planning to Build a Rain Garden?



### Rain Garden App

A Mobile App for designing, installing, and maintaining a Rain Garden

Download the Rain Garden App first., <https://nemo.uconn.edu/tools/app/raingarden.htm>  
 “Rain Garden” is a FREE app designed to help you properly install a rain garden at your home, office, or job site. Through video tutorials, diagrams, text, and tools, the App guides you through determining the size and placement of your garden, selecting plants, digging and planting your garden, and maintaining your garden. It also includes tools for determining your soil type, measuring the size of the area that will drain to your garden, and managing multiple rain garden projects.

### Public Works

#### Brush Pickup

The Town of Rocky Hill will have three (3) collections for brush pickup in 2019, the weeks of April 29–May 3, July 15–19 and September 16–20. For the remainder of the year, brush and leaves may be brought to the Transfer Station at 59 Old Forge Road year round. There is no pick up list as the Town checks each street starting from the east side (Connecticut River) of the Town and works west. Therefore, PLEASE DO NOT CALL to arrange pick up.

#### Elm Street Bridge Replacement

REMINDER: The State of Connecticut will be removing and replacing the bridges on Elm Street over Route 91 this summer. The road will be closed to all traffic from the day after school is out (June 14) for up to 56 days. Detours will be set up using Route 99, SR 411 (West Street) and Route 3. The DOT will be holding an information meeting at Town Hall on Monday, June 3, 2019 at 6:00pm. All are welcome.

# Town of Rocky Hill Fall Programs • 2019



Saturday, October 19, 2019

Rain Date October 20

## Rocky Hill Fallfest & Food Truck Festival

Fireworks sponsored by



**Cora J. Belden Library**

Pages 19-23

**Parks & Recreation**

Registration starts September 3

Pages 2-13

**Community Development & Public Works**

Page 14

**Human, Youth, & Senior Services**

Registration starts September 3

Pages 15-18

*Something for Everyone*

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## Water Quality Matters

Fall is the prime time to start a new lawn. With some simple planning, you can have an environmentally friendly lawn that will help protect water quality.

Select a seed which uses less water such as Fescue. Fescues use less water, fertilization, and require less maintenance. A combination of tall and fine-leaf fescues is best.

Water only when absolutely needed. Fescues do not require as much supplemental water as the other lawn grasses. When needed deep watering is better than frequent light watering because it will encourage deep root growth. Usually one inch of water per week is sufficient.

Fertilize only if needed. Choose slow-release and/or organic formulations. With clippings returned, most lawns will not need more than 2 lbs. N/1,000 square feet per season. Apply no more than 1 pound nitrogen/1,000 square feet at any one time — 1 pound in the spring and one pound in the fall should be sufficient under most conditions. For fall fertilization, apply no later than October 15. Fertilizing after this date increases the chances of nutrient loss that could cause a pollution problem. Any fertilizer that falls on a hard surface such as the driveway or walkway should be brushed into the lawn or swept up and applied back onto the lawn. If left on a hard surface the fertilizer can easily make its way into water sheds via the public drain system.

Lawns should be mowed the height of two to three inches. Mowing at this height will: foster deeper root growth, discourage weed growth, and reduce evaporation; thereby, requiring less watering. Mower blades should be kept sharp. Dull blades tear the leaf blades instead of cutting them. A dull blade can stunt leaf blade growth, and makes the grass susceptible to disease and reduces visual quality. Frequent cutting will tend to remove no more than one third of the length of the grass blade. Removal of more than one third of the leaf blade causes scalping.

Mow frequently so there are no large clumps of grass and return the clippings to the lawn. They will break down in three to four weeks adding a natural source of nutrients to the lawn. Because the clippings break down, there is no problem with thatch build up.

## Public Works

### SHRED-IT

The town will be holding a fall Shred-It event on Saturday, September 14 from 9:00am to 2:00pm at Stevens School, 322 Orchard Street.

### BRUSH PICK UP

Fall brush pick up will be the week of September 16. Curbside brush pick ends Friday September 20 and will resume in the Spring, 2020.

### LEAF COLLECTION

Leaf collection will begin Monday November 4 and will continue until Friday December 6. Leaf collection is from the east to the west side of town and is weather dependent. Please rake leaves to the edge of the road, not into the road for collection by the Public Works department.

Brush and leaves may be brought to the Transfer Station at 59 Old Forge Road year round. Please see our website for more information. [www.rockyhillct.gov/publicworks](http://www.rockyhillct.gov/publicworks)

### CONTACTS:

Departmental Phone:

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860-258-2733 (Building Dept.)

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860-258-2745

Mike Violette – *Asst. Building Official*  
860-258-7673

Steve Kardys – *Asst. Building Official*  
860-258-7676



**Velocity**  
URGENT CARE  
Serving our Community Since 2011

Respiratory Illnesses - Skin Conditions - Orthopedic Injuries - Gastrointestinal Illnesses - Genitourinary Illnesses

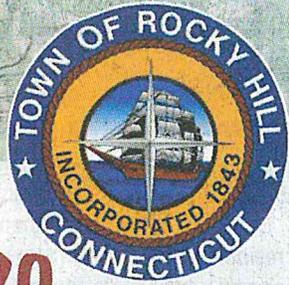
**Occupational Health and Workers Compensation**  
Physical Exams - Drug Screening - Immunizations  
Spirometry - Breath Alcohol Testing

**Physical Exams**  
School - Sports - Certified DOT Physical Exam Center

**Immigration Physicals by USCIS Civil Surgeons**

Voted Best Healthcare Professionals in 2017!

|   |  |
|---|--|
| 396 Cromwell Ave, Rocky Hill, CT 06067<br>Phone: 860-372-4990 Fax: 860-372-4699<br>Next to Asian Bistro | 365 Queen St, Southington, CT 06489<br>Phone: 860-863-5835 Fax: 860-863-5838<br>Next to Panera Bread |
|---|--|



Town of Rocky Hill  
**Winter 2019/20**

**Parks & Recreation**

Registration starts November 25  
Pages 2-12

**Human, Youth, &  
Senior Services**

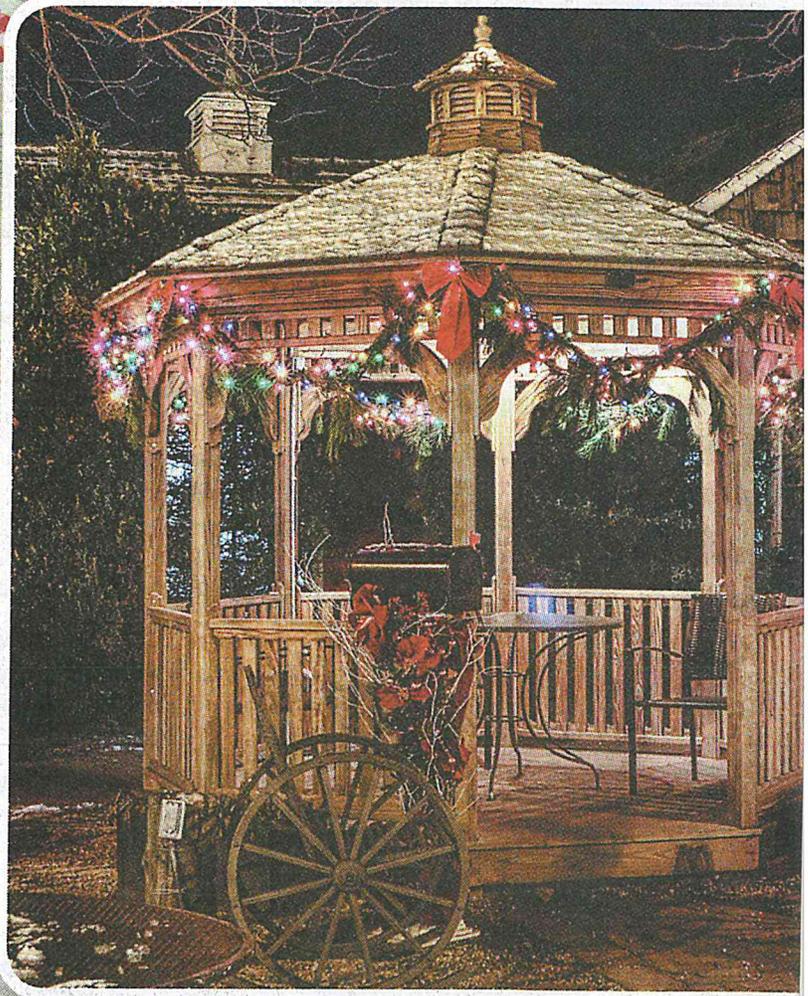
Registration starts November 25  
Pages 14-17

**Community Development &  
Public Works**

Page 13

**Cora J. Belden Library**

Pages 18-23



*Winter Fun for Everyone*

Visit us online: [www.rockyhillct.gov](http://www.rockyhillct.gov)

## Water Quality Matters

### Winter Snow Removal

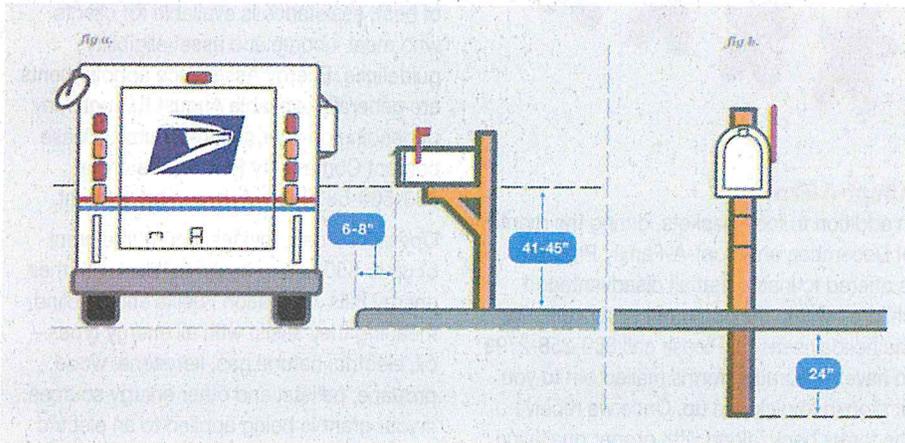
Snow removal and ice control requires the application of either chemicals (including salt), abrasives (sand) or a chemical-abrasive mixture to the roadway surface. Choice of materials is dependent upon weather and road conditions. The town of Rocky Hill uses salt and treated salt. Treated salt is standard rock salt with chemical additives that allow it to work at lower temperatures and to stick to the roadway.

For the majority of winter storms our plow crews will be using treated salt on the Town's roadways. This is a change from our past practice of using a sand/salt mix for our snow removal operations. We are moving to the use of treated salt for several reasons, including: the environmental impact of sand from our roads silting up local streams and waterways, and to reduce our springtime cleanup costs such as street sweeping and catch basin cleaning.



### Mailbox Installation

Residents & taxpayers are advised of the importance of proper placement of their mailboxes and post so that damage to the box does not result from winter snow operations. Mailboxes shall be installed per the USPS standards: <https://www.usps.com/manage/mailboxes.htm>



### Mailbox Damage due to Snowplowing

During the winter months mailboxes may be damaged or broken in two ways, as a result of snow being thrown against them by town highway plows during snow removal or actually struck by the town highway snow plow. If a mailbox or post is physically struck by the snow plow and it was installed per USPS standards, the Town will replace with standard post and box with a cost not to exceed \$65.00. If damage was caused by the force of snow thrown by town snow plows, the mailbox or post will not be repaired or replaced. The Highway Department or designated representative will investigate all reports and will advise the resident or taxpayer of the decision to repair.

## Public Works

### Leaf Pickup

Leaf collection will begin Monday November 4, 2019 and will continue until Friday December 6, 2019. Leaf collection is from the east to the west side of town and is weather dependent. Please rake leaves to the edge of the road, not into the road for collection by the Public Works department.

### Brush Pickup

Brush pickup has ended for the year and will resume in April 2020. Brush and leaves may be brought to the Transfer Station at 59 Old Forge Road year round during normal business hours.

Please see our website for more information: [www.rockyhillct.gov/publicworks](http://www.rockyhillct.gov/publicworks)

### Christmas Tree Pickup

Christmas tree pickup begins the weekday after New Year's Day and continues until no trees are left. The Christmas tree collection is weather dependent. Christmas tree collection may be suspended due to normal winter operations. Residents can bring their Christmas trees to the Transfer Station during normal business hours at no cost.

### Contacts:

Departmental Phone:  
860-258-2766 (General)  
860-258-2733 (Building Dept.)  
Jim Sollmi, PE, LS – Director of Community Development and Public Works, 860-258-2762  
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J-P Langlois – Building Official 860-258-2745  
Mike Violette – Asst. Building Official 860-258-7673  
Steve Kardys – Asst. Building Official 860-258-7676

*APPENDIX B*

CONNECTICUT DEEP - EMERGENCY INCIDENT REPORTS 2019

*APPENDIX C*

OUTFALL SCREENING RESULTS 2019



MASSACHUSETTS  
100 Fifth Avenue, 5th Floor  
Waltham, Massachusetts 02451  
p 781.419.7696

RHODE ISLAND  
10 Hemingway Drive, 2nd Floor  
East Providence, Rhode Island 02915  
p 401.434.5560

VIRGINIA  
780 Lynnhaven Parkway, Suite 400  
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June 7, 2019

Mr. Robert Alvarado  
Engineering Technician  
Town of Rocky Hill  
761 Old Main Street  
Rocky Hill, Connecticut 06067

**Re: Town of Rocky Hill MS4 Stormwater Outfall Screening - 2019  
ESS Project No. R352-0008**

Dear Mr. Alvarado:

ESS Group, Inc. (ESS) is pleased to provide you with the results of the 2019 MS4 Outfall Screening for Bacteria for the Town of Rocky Hill. Samples were collected in accordance with the requirements specified in the new General Permit for the Discharge of Stormwater from MS4s (General Permit).

Stormwater was collected on April 15, 2019 from the following locations (provided by the town):

- Six (6) sites discharging into Little Brook (Sites 7-16, 8-13, 11-3, 11-5, 11-7, and 11-8)

Stormwater samples were sent to Phoenix Environmental Laboratories, Inc. of Manchester, Connecticut, a state-certified laboratory. Samples were analyzed for *Escherichia coli* and total coliform in accordance with 40 CFR 136 and Connecticut Reasonable Confidence Protocols (RCP) as required by the General Permit. Results of the 2019 and 2018 (for comparison) MS4 sampling events are summarized in the table below. The associated laboratory reports for 2019 are also provided as an attachment.

**Town of Rocky Hill 2018 MS4 Water Quality Results**

| Site Name | Date      | Time | Temp (C°) | <i>E. coli</i> (MPN/100 mls) | Total Coliforms (MPN/100 mls) | Bacteria Level Exceedance* |
|-----------|-----------|------|-----------|------------------------------|-------------------------------|----------------------------|
| 7-15      | 9/18/2018 | 8:40 | 21.1      | 12,000                       | >24,200                       | Yes                        |
| 7-17      | 9/18/2018 | 9:20 | 22.1      | 2,760                        | >24,200                       | Yes                        |
| 7-19      | 9/18/2018 | 9:05 | 21.3      | 1,480                        | >24,200                       | Yes                        |
| 11-1      | 9/18/2018 | 8:45 | 21.7      | 3,650                        | >24,200                       | Yes                        |
| 11-2      | 9/18/2018 | 8:40 | 22        | 292                          | >24,200                       | Yes                        |
| 11-4      | 9/18/2018 | 9:30 | 22.4      | >24200                       | >24,200                       | Yes                        |

**Town of Rocky Hill 2019 MS4 Water Quality Results**

| Site Name | Date      | Time  | Temp (C°) | <i>E. coli</i> (MPN/100 mls) | Total Coliforms (MPN/100 mls) | Bacteria Level Exceedance* |
|-----------|-----------|-------|-----------|------------------------------|-------------------------------|----------------------------|
| 11-5      | 4/15/2019 | 10:00 | 16.1      | 120                          | 3,870                         | Yes                        |
| 7-16      | 4/15/2019 | 9:50  | 16.2      | 74                           | >24,200                       | Yes                        |
| 11-8      | 4/15/2019 | 9:20  | 16.3      | <10                          | 52                            | No                         |
| 11-3      | 4/15/2019 | 10:30 | 16.4      | 383                          | >24,200                       | Yes                        |
| 8-13      | 4/15/2019 | 10:10 | 16.3      | 5,480                        | >24,200                       | Yes                        |
| 11-7      | 4/15/2019 | 9:30  | 16.3      | 1,320                        | >24,200                       | Yes                        |

\*Bacteria level exceedance in accordance with General Permit for the Discharge of Stormwater from Municipal Separate Storm Sewer Systems (section i. Monitoring requirements B. Outfall screening for bacteria).



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### Recommendations

As prescribed in the General Permit, an outfall with a bacteria exceedance shall be identified for follow-up investigation to determine the source of bacteria. A Follow-up investigation is not required if the exceedance is solely the result of natural sources, such as wildlife or runoff from undeveloped wooded areas. However, this exemption does not include potential contaminants such as pet waste. ESS observed high quantities of pet waste at one outfall location (8-13). Although we cannot completely dismiss human-related/pet sources of bacteria at any of the outfalls where bacteria exceedances were found, when E. coli levels are below the level of concern, fecal contamination is less likely to be the source of bacteria. Therefore, follow-up investigations are recommended.

ESS recommends having a phone call to discuss follow-up investigation options for the 11 sites with exceedances (2018 & 2019). Depending on the complexity of the drainage system and variety of potential sources in the catchment, the required nature of the investigation may vary. Once the nature of the investigation is identified, ESS will provide the Town of Rocky Hill with a formal proposal and sampling plan.

Feel free to contact me at (401) 330-1244 with any questions.

Sincerely,

**ESS GROUP, INC.**

A handwritten signature in blue ink that reads "Mike Mahoney".

Mike Mahoney  
Environmental Scientist

