# MS4 General Permit
# Town of Westport 2022 Annual Report
## Permit Number GSM 00026
## January 1, 2022 – December 31, 2022
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This report documents Town of Westport's efforts to comply with the conditions of the MS4 General Permit to the maximum extent practicable (MEP) from January 1, 2022 to December 31, 2022.

**Part I: Summary of Minimum Control Measure Activities**

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

### 1.1 BMP Summary

| BMP | Activities in current reporting period | Sources Used (if applicable) | Method of Distribution | Audience (and number of people reached) | Measurable Goal | Department / Person Responsible | Additional details |
|---|---|---|---|---|---|---|---|
| 1-1 Implement public education and outreach | Town-wide meetings to discuss stormwater drainage. Meetings focus on one Town drainage basin per event. | 2018 BL Companies Watershed Study. 1978 Leonard Jackson Study. 1964 Seelye Stevenson Study. | Notification of scheduled meetings is by Town website. | Town-wide | To disseminate and collect stormwater/flood information to improve storm resiliency, water quality, and quality of life, for Westport residents. | Engineering/ K. Wilberg & E. Gill – Lead. Planning & Zoning, and Conservation Departments | The Westport Engineering Dept. is conducting interdepartmental, Town-wide meetings to disseminate and collect stormwater and flood information for each drainage basin in Westport. One drainage basin is discussed per meeting, with meetings scheduled throughout 2022 -2023. |
| | Land-use permitting | | Land-use permits | Town-wide | To provide permittees with the necessary compliance | Engineering, Public Works, Planning & Zoning, and | Land-use departments are involved in many levels of stormwater education, from general information to commission level reviews and regulatory enforcement. |

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|---|---|---|---|---|---|---|---|
| | | | | | measures to decrease flooding, stormwater runoff and increase water quality. | Conservation Departments. | |
| | Permit and Engineering Reviews | | Permits & Engineering Reviews | 674 Engineering permits and reviews issued. | To insure that each parcel complies with the Town of Westport's stringent stormwater management requirements. | Engineering | One-on-one discussions with Engineers, Contractors, Homeowners, etc., prior to the issuance of Engineering permits and/or reviews concerning the handling of stormwater, flooding and drainage. Every permit is reviewed and inspected for compliance with Westport's stringent stormwater management requirements.<br><br>., |
| | Informative land-use professionals are available by phone and in-person. | | In-person, phone and Zoom meetings. | Town-wide | To answer both residents and professionals questions. | Engineering, Public Works, Planning & Zoning, and Conservation Departments. | Informed staff are present Monday-Friday, 7:30 am-4:30 pm, to answer any questions that residents have concerning various aspects of stormwater management. |
| | New Homeowners Letters | | Regular Mail | 275 New Homeowners | To inform new homeowners about the proper stewardship of wetlands and aquifers. | Conservation / M.Berglund | To preemptively inform new homeowners about the vital role that wetlands play in the storage of stormwater, and the homeowners role in the stewardship of this valuable resource. |
| | Recreational Shellfish Permits | | State-wide | 568 Recreational Shellfish permits issued. | To provide recreational shellfish permittees with a source of water quality information. | Conservation / S.Voris Bureau of Aquaculture. | https://www.westportct.gov/government/departments-a-z/conservation-department/get-a-shellfish-permit<br><br>https://portal.ct.gov/DOAG/Aquaculture1/Aquaculture/Aquaculture-Home-Page<br><br>To inform recreational shellfish permittees about the water quality of the Westport Shellfish beds and the direct link between stormwater pollutants and shellfish bed closures. |
| | Household Hazardous Waste Day | | websites | 281 cars from 6 towns | To help keep dangerous, fertilizers and hazardous wastes out of the stormwater | Engineering / D.Barbieri | https://www.westportct.gov/government/departments-a-z/public-works-department/household-hazardous-waste |

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|---|---|---|---|---|---|---|---|
| | | | | | conveyance system. | | |
| | Refuse and Septage Licensing | | Webpage, mailing and emailing. | Refuse, recycling, and septage haulers operating within the Town of Westport. | Annual Environmental and Safety inspection. | Engineering / D. Barbieri | Annual environmental and safety inspection to insure all refuse and septage truck gaskets and valve seals are functional, to prevent vehicles from leaking septage or garbage leachate onto Town roads and into the stormwater conveyance system. |
| | Paintcare Paint Recycling Program | | Webpage, brochures, word of mouth. | Town-wide. Available 6 days a week at the Town Transfer Station. | To provide a safe and convenient recycling stream to keep paint products out of the stormwater conveyance system. | DPW | http://www.paintcare.org/wp-content/uploads/docs/xx-program-products-list.pdf<br><br>To provide a safe and convenient recycling stream to keep paint products out of the stormwater conveyance system. |
| | Antifreeze & Motor Oil Recycling | | Webpage, word of mouth. | Town-wide. Available 6 days a week at the Town Transfer Station. | To provide a safe and convenient recycling stream to keep antifreeze and motor oil out of the stormwater conveyance system. | DPW | https://www.westportct.gov/government/departments-a-z/public-works-department/recycling<br><br>To provide a safe and convenient recycling stream to keep antifreeze and motor oil out of the stormwater conveyance system. |
| | WPCF | | On-site | 100-200 people annually. | To inform and educate students, residents and civic organizations about the WTF. | WPCF / M. Furtado | To inform and educate students, residents and civic organizations of the importance of maintaining and improving water quality in Westport, as well as the mechanisms that Westport utilizes to insure that the highest quality water is sent into the Saugatuck River and eventually to Long Island Sound. |
| | Stormwater Website | | Town website. | Town-wide audience. | To provide a complete overview of Westport's Stormwater Management Plan and Educational outreach efforts. | | https://www.westportct.gov/government/departments-a-z/public-works-department/stormwater-management/clean-up-pet-waste<br><br>https://www.westportct.gov/government/departments-a-z/public-works-department/stormwater-management/maintain-your-septic-system<br><br>https://www.westportct.gov/government/departments-a-z/public-works-department/stormwater-management/please-refrain-from-feeding-wildlife |

**1.2 Describe any Public Education and Outreach activities planned for the next year, if applicable.**

The Westport Land-Use Departments are holding a series of Town-wide meetings to disseminate and collect stormwater and flood information for each drainage basin in Westport. One drainage basin is discussed per meeting, with meetings scheduled throughout 2022 -2023.

## 2. Public Involvement/Participation (Section 6(a)(2) / page 21)

### 2.1 BMP Summary

| **BMP** | **Status** (Complete, Ongoing, In Progress, or Not started) | **Activities in current reporting period** | **Measurable Goal** | **Department / Person Responsible** | **Date completed or projected completion date** (include the start date for anything that is 'in progress') | **Location Posted** | **Additional details** |
|---|---|---|---|---|---|---|---|
| 2-1 Final Stormwater Management Plan publicly available | Complete | Update | To provide the Town of Westport with a long-term Stormwater Management Plan. | Engineering / D. Barbieri | Update Completed 02/15/2023 | A hard copy of the plan in available in the Department of Public Works Office. https://www.westportct.gov/home/showpublisheddocument/10949/636934866377170000 | The Town of Westport Stormwater Management Plan is available to view on the Town website as well as in the Department of Public Works office. |
| 2-2 Comply with public notice requirements for Annual Reports (annually by 2/15) | Complete | The MS4 Public Notice has been posted on the Westport Stormwater Management Webpage. | To comply with the public notice requirements for the Annual MS4 reports. | Engineering / D. Barbieri | 01/05/2023 | A hard copy of the plan in available in the Department of Public Works Office. https://www.westportct.gov/government/departments-a-z/public-works-department/stormwater-management | The Town of Westport Stormwater Management Plan is available to view on the Town website as well as in the Department of Public Works office. |
| 2-3 Stormwater Committee | Ongoing | In process of Coordinate data collection for 2022 Annual Report. | Provide forum to coordinate SWMP implementation across land-use departments | Engineering, Public Works, Planning & Zoning, and Conservation Departments | January 2017 | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Sasco Brook Pollution Abatement Committee | Ongoing | Committee Meetings covering topics such as surrounging dams, open space, USGS monitoring, water quality testing, monitoring of bacterial pollutants. | To coordinate a long-term alliance of local, state and private agencies to improve water quality in the Sasco Brook watershed. | Conservation / A. Mozian & C. Kelly | The Sasco Brook Pollution Abatement Committee was established in 1991. | https://www.westportct.gov/government/departments-a-z/conservation-department/sasco-brook-pollution-abatement-committee | |

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

The Westport Engineering Dept. is conducting interdepartmental, Town-wide meetings to disseminate and collect stormwater and flood information for each drainage basin in Westport. One drainage basin is discussed per meeting, with meetings scheduled throughout 2022 -2023.

## 3. Illicit Discharge Detection and Elimination (Section 6(*a*)(3) and Appendix B / page 22)

### 3.1 BMP Summary

| **BMP** | **Status** (Complete, Ongoing, In Progress, or Not started) | **Activities in current reporting period** | **Measurable Goal** | **Department / Person Responsible** | **Date completed or projected completion date** (include the start date for anything that is 'in progress') | **Additional details** |
|---|---|---|---|---|---|---|
| 3-1 Develop written IDDE program (Due 7/1/19) | Complete | Dry weather outfall sampling | Meet IDDE requirements | Engineering | 06/30/2018 | *https://www.westportct.gov/home/showpublisheddocument/17171/636934866377170000* |
| 3-2 Develop list and maps of all MS4 stormwater outfalls in priority areas (Due 7/1/20) | Ongoing | Additional outfalls added due to changes in the 2020 Impaired Waters data. | Meet IDDE requirements | Engineering / S. Edwards & A. Taccone | TBD | *file:///L:/22%20MS4%20Permit%20Program/5-Monitoring%20Data/MS4%20DRY%20WEATHER%20OUTFALL%20SCREENING.pdf* |
| 3-3 Implement citizen reporting program (Ongoing) | Complete | Monitor Citizen Reporting Program | Meet IDDE requirements | Engineering / D. Barbieri | 07/01/2017 | *https://www.westportct.gov/government/departments-a-z/public-works-department/stormwater-management/citizen-reporting-center* |
| 3-4 Establish legal authority to prohibit illicit discharges (Due 7/1/19) | Ongoing | Continue to utilize existing regulations to prohibit illicit discharges. | Meet IDDE requirements | Legal / E. Flug | | |
| 3-5 Develop record keeping system for IDDE tracking (Due 7/1/17) | Complete | | Meet IDDE requirements | Engineering / A. Taccone | 07/01/2017 | Online reporting system has the capacity to track and compile IDDE reports. |

| | | | | | | |
|---|---|---|---|---|---|---|
| 3-6 Address IDDE in areas with pollutants of concern | *Ongoing* | *Continued water quality monitoring* | *Meet IDDE requirements* | *Engineering / S. Edwards* | *Ongoing* | Continue to expand monitoring area to include new outfalls from the 2020 Impaired Waters data. |

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

To continue to expand monitoring area to include new outfalls from the 2020 Impaired Waters data.

**3.3 Provide a record of all citizen reports of suspected illicit discharges and other illicit discharges occurring during the reporting period and SSOs occurring July 2017 through end of reporting period using the following table.** Illicit discharges are any unpermitted discharge to waters of the state that do not consist entirely of stormwater or uncontaminated groundwater except those discharges identified in Section 3(a)(2) of the MS4 general permit when such non-stormwater discharges are not significant contributors of pollution to a discharge from an identified MS4.

| **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) |
|---|---|---|---|---|---|---|
| *CRESCENT ROAD<br>-73.35/41.14<br>SW SHORELINE* | *12/30/13<br>2 HOURS* | *MS4* | *1000 GALS* | *GREASE BLOCKAGE* | *JETTED LINE / REMOVE BLOCKAGE* | *NA* |
| *1790 POST RD E<br>-73.30/41.14<br>SASCO* | *08/28/14<br>115 MINS* | *MS4* | *5-15,000 GALS* | *BREAK IN FORCE MAIN* | *SHUT DOWN PUMP STATION, PUMPED DOWN, FIX LINE* | *NA* |
| *WILTON & PARTRICK RDS<br>-73.37/41.16<br>SAUGATUCK* | *10/08/14<br>15 MINS* | *MS4* | *500-1000 GALS* | *EQUIPMENT FAILURE<br>BROKEN FORCE MAIN<br>BLOW-OFF* | *PRIVATE SEWER FOR GRASSY PLAINS - RAN PUMP BY HAND* | *NA* |
| *31 W PARISH RD<br>73.33/41.13<br>SW SHORELINE* | *03/24/14<br>3 HRS 55 MIN* | *MS4* | *15-20,000 GALS* | *BREAK IN FORCE MAIN* | *SHUT DOWN PUMP STATION, PUMPED DOWN, FIXED LINE.* | *NA* |
| *32 COLONY RD<br>73.30/41.14<br>SASCO* | *01/20/15* | *MS4* | *100 GALS* | *GRIT & RAG BLOCKAGE* | *JETTED LINE* | *NA* |

| | | | | | | |
|---|---|---|---|---|---|---|
| *1739 POST RD E<br>-73.30/41.14<br>SASCO* | *05/06/15<br>70 MINS* | *MS4* | *1-3,000 GALS* | *BREAK IN FORCE MAIN* | *SHUT DOWN PUMP STATION #10, TRUCK TO PUMP STATION #9* | *NA* |
| *274 COMPO RD S<br>-74.36/41.11<br>SW SHORELINE* | *04/03/15<br>1 HR, 15 MIN* | *MS4* | *5-10,000 GALS* | *BREAK IN FORCE MAIN* | *SHUT DOWN PUMP STATION #11, TRUCK TO PLANT, REPAIR LINE.* | *NA* |
| *468 POST RD E<br>-73.35/41.14<br>SW SHORELINE* | *03/19/15<br>3 HRS, 40 MINS* | *MS4* | *25,000GAL* | *COLLAPSED TRUNK LINE* | *SHUT DOWN PUMP STATION #9, SETUP BYPASS, REPLACED LINE.* | *NA* |
| *60 NYALA FARMS RD<br>-73.33/41.12<br>SW SHORELINE* | *05/02/16<br>15 MIN* | *MS4* | *2-3000 GALS* | *BREAK IN FORCE MAIN* | *SHUT DOWN PUMP STATION, SET UP BYPASS, PUMP, LINED FORCE MAIN.* | *NA* |
| *1720 POST RD E<br>-73.30/41.14<br>SASCO* | *07/25/16<br>1 HR, 10 MIN* | *MS4* | *2,500-5,000 GALS* | *BREAK IN FORCE MAIN* | *SHUTDOWN PUMPS STATION #10, PUMP, TRUCK TO PUMP STATION #7.* | *NA* |
| *65 COLONY RD<br>-73.34/41.15<br>SAUGATUCK* | *08/25/16<br>40 MINS* | *MS4* | *1000 GALS* | *BREAK IN FORCE MAIN* | *SHUT DOWN PUMP STATION, PUMPED DOWN, REPLACED PIPE.* | *NA* |
| *65 COLONY RD<br>-73.34/41.15<br>SAUGATUCK* | *09/12/16<br>25 MINS* | *MS4* | *50-50,000 GALS* | *BREAK IN FORCE MAIN* | *SHUT DOWN PUMP STATION, PUMPED DOWN, REPLACED PIPE.* | *NA* |
| *COLONY RD<br>-73.34/41.15<br>SAUGATUCK* | *01/01/17* | *MS4* | *1000 GALS* | *BREAK IN FORCE MAIN* | *SHUT DOWN PUMP STATION, PUMPED DOWN, REPLACED PIPE.* | *NA* |
| *26 PUMPKIN HILL PUMP STATION<br>-73.34/41.15<br>SAUGATUCK* | *12/10/17<br>1 HR* | *MS4* | *5-20,000 GALS* | *EQUIPMENT FAILURE* | *PUMPED DOWN AND REPLACED PIPE* | *NA* |
| *6 WILTON RD PUMP STATION<br>-73.37/41.14<br>SAUGATUCK* | *01/08/18* | *MS4* | *1-5,000 GALS* | *WATER MAIN BREAK* | *PUMP STATION #4* | *NA* |
| *26 PUMPKIN HILL PUMP STATION<br>-73.337/41.153<br>SAUGATUCK* | *09/29/18* | *MS4* | *501-1,000 GALS* | *SEWER LINE BLOCKAGE* | *PUMP STATION #14* | *NA* |
| *1790 POST RD E<br>-73.30/41.138<br>SASCO* | *10/26/18* | *MS4* | *501-1,000 GALS* | *SEWER LINE BLOCKAGE* | *PUMP STATION #10* | *NA* |
| *1790 POST RD E<br>-73.30/41.138<br>SASCO* | *11/02/18* | *MS4* | *501-1,000 GALS* | *SEWER LINE BLOCKAGE* | *PUMP STATION #10* | *NA* |
| *595 RIVERSIDE AVE<br>-73.37/41.12<br>SAUGATUCK* | *08/03/19* | *MS4* | *20,001-50,000 GALS* | *BREAK IN FORCE MAIN* | *PUMP STATION #2* | *NA* |
| *595 RIVERSIDE AVE<br>-73.37/41.12<br>SAUGATUCK* | *08/14/19* | *MS4* | *1,001-5,000 GALS* | *BLOCKED SEWER LINE* | *PUMP STATION #2* | *NA* |

| | | | | | | |
|---|---|---|---|---|---|---|
| *NONE* | *2020* | | | | | |
| *NONE* | *2021* | | | | | |
| *1790 POST RD E -73.301903/41.138121 SASCO* | *05/19/22* | *MS4* | *500-1,000 GALS* | *BROKEN FORCE MAIN* | *SHUT DOWN PUMP STATION, SET UP BYPASS, PUMP, LINED FORCE MAIN.* | *NA* |
| *1790 POST RD E -73.301903/41.138121 SASCO* | *07/19/22* | *MS4* | *500-1,000 GALS* | *BROKEN FORCE MAIN* | *SHUT DOWN PUMP STATION, SET UP BYPASS, PUMP, LINED FORCE MAIN.* | *NA* |
| *1790 POST RD E -73.301903/41.138121 SASCO* | *08/15/22* | *MS4* | *500-1,000 GALS* | *BROKEN FORCE MAIN* | *SHUT DOWN PUMP STATION, SET UP BYPASS, PUMP, LINED FORCE MAIN.* | *NA* |

### 3.4 Provide a summary of actions taken to address septic failures using the table below.

| Method used to track illicit discharge reports | Location and nature of structure with failing septic systems | Actions taken to respond to and address the failures | Impacted waterbody or watershed, if known | Dept. / Person responsible |
|---|---|---|---|---|
| Inspection | 117 MORNINGSIDE DR S.<br>TANK FAILURE | REPLACED TANK | NEW CREEK | Aspetuck Health District/M. Cooper |
| Inspection | 11 SUMMER HILL ROAD<br>SOIL LINE ONLY | REPLACED DELIVERY LINE AND DISTRIBUTION BOX | MUDDY BROOK | Aspetuck Health District/M. Cooper |
| Inspection | 5 HERMIT LANE<br>FULL REPAIR W/ LEACHING FIELDS | REPLACED SYSTEM | WEST BRANCH OF SAUGATUCK RIVER | Aspetuck Health District/M. Cooper |
| Inspection | 18 FERRY LANE EAST<br>FULL REPAIR W/LEACHING FIELDS | REPLACED SYSTEM | SAUGATUCK | Aspetuck Health District/M. Cooper |
| Inspection | 11 DEBRA LANE<br>FULL REPAIR W/LEACHING FIELDS | REPLACED SYSTEM | SASCO BROOK | Aspetuck Health District/M. Cooper |
| Inspection | 15 HALF MILE COMMON<br>FULL REPAIR W/LEACHING FIELDS | REPLACED SYSTEM | DEADMANS BROOK | Aspetuck Health District/M. Cooper |
| Inspection | 14 ABBOTTS LANE<br>FULL REPAIR W/LEACHING FIELDS | REPLACED SYSTEM | DEADMANS BROOK | Aspetuck Health District/M. Cooper |
| Inspection | 4 HUNT CLUB<br>FULL REPAIR W/LEACHING FIELDS | REPLACED SYSTEM | SASCO BROOK | Aspetuck Health District/M. Cooper |
| Inspection | 16 COUNTRY ROAD<br>FULL REPAIR W/LEACHING FIELDS | REPLACED SYSTEM | DEADMANS BROOK | Aspetuck Health District/M. Cooper |
| Inspection | 97 EASTON ROAD<br>FULL REPAIR W/LEACHING FIELDS | REPLACED SYSTEM | ASPETUCK RIVER | Aspetuck Health District/M. Cooper |

**3.5 Briefly describe the method and effectiveness of said method used to track illicit discharge reports.**

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| The above failures are overlaid with existing water quality data to track any potential impacts to the watershed. |

**3.6 IDDE reporting metrics**

| **Metrics** | |
|---|---|
| Estimated or actual number of MS4 outfalls | 235 |
| Estimated or actual number of interconnections | 20 |
| Outfall mapping complete | 90% |
| Interconnection mapping complete | 75% |
| System-wide mapping complete (detailed MS4 infrastructure) | 80% |
| Outfall assessment and priority ranking | 90% |
| Dry weather screening of all High and Low priority outfalls complete | 215 |
| Catchment investigations complete | Ongoing |
| Estimated percentage of MS4 catchment area investigated | 90% |

**3.7 Briefly describe the IDDE training for employees involved in carrying out IDDE tasks including what type of training is provided and how often it is given** (minimum once per year).

The Land-use departments and Health Department Sanitarians have extensive training and backgrounds in identifying potential illicit discharges, water quality identification, monitoring and testing. The Town of Westport will provide additional training as needed.

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

### 4.1 BMP Summary

| BMP | Status (Complete, Ongoing, In Progress, or Not started) | Activities in current reporting period | Measurable Goal | Department / Person Responsible | Date completed or projected completion date (include the start date for anything that is 'in progress') | Additional details |
|---|---|---|---|---|---|---|
| 4-1 Implement, upgrade, and enforce land use regulations or other legal authority to meet requirements of MS4 general permit (Due 7/1/20) | Complete & Ongoing | All the Land Use Department's Compliance Officers constantly oversee the enforcement of their Department's regulations as well as the requirements of the MS4 general permit. | Compliance with established requirements | Engineering, Public Works, Planning & Zoning, Conservation, Health & Building Departments | July 1, 2019 | |
| 4-2 Develop/Implement plan for interdepartmental coordination in site plan review and approval (Ongoing) | Complete | The Land Use Departments participate in pre-construction meetings, review site plans, consult and coordinate during the entire permitting process as well as in a shared permitting program. | To continue with Interdepartmental coordination. | Engineering, Public Works, Planning & Zoning, Conservation, Health & Building Departments | July 1, 2017 | |
| 4-3 Review site plans for stormwater quality concerns (Ongoing) | Complete & Ongoing | Engineering Site Plan Reviews require that Stormwater, Drainage as well as Soil & Erosion Control Measures be in place prior to the issuance of any permits | Zero increased runoff. | Engineering, Public Works, Planning & Zoning, Conservation, Health & Building Departments | July 1, 2017 | |
| 4-4 Conduct site inspections (Ongoing) | Complete & Ongoing | Site inspections are conducted regularly during the entire span of construction by trained compliance officers. | Compliance with established requirements of all Land Use Departments | Engineering, Public Works, Planning & Zoning, Conservation, Health & Building Departments | July 1, 2017 | |
| 4-5 Implement procedure to allow public comment on site development (Ongoing) | Complete & Ongoing | Comission level hearings of the Flood & Erosion Control Board, Conservation and the Planning & Zoning Commissions are open for public comment. Residents are also welcome to comment at any of the land-use offices M-F, ask questions and make comments on any site developments. | To enable residents to openly comment on all site developments. | Engineering, Public Works, Planning & Zoning, Conservation, Health & Building Departments | July 1, 2017 | |

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|---|---|---|---|---|---|---|
| 4-6 Implement procedure to notify developers about DEEP construction stormwater permit (Ongoing) | Ongoing | Developers must adhere to strict, zero increased runoff standards, as well as other existing regulations. Enforcement is overseen and inspected by the Town Land use departments as well as the Town's Sediment & Erosion Control Inspector. | Zero increased runoff | Engineering, Public Works, Planning & Zoning, Conservation, Health & Building Departments | July 1, 2017 | |
| 4-7 Soil & Erosion Control Inspector | Ongoing | Inspects construction sites to insure that all S&E control methods are installed and functioning optimally. | Minimize sediment pollution | Engineering, Public Works, Planning & Zoning, Conservation, & Building Departments | | |

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

To review the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, and consider any valuable updates to contribute.

## 5. Post-construction Stormwater Management (Section 6(*a*)(5) / page 27)

### 5.1 BMP Summary

| **BMP** | **Status** (Complete, Ongoing, In Progress, or Not started) | **Activities in current reporting period** | **Measurable Goal** | **Department / Person Responsible** | **Date completed or projected completion date** (include the start date for anything that is 'in progress') | **Additional details** |
|---|---|---|---|---|---|---|
| 5-1 Establish and/or update legal authority and guidelines regarding LID and runoff reduction in site development planning (Due 7/1/22) | Ongoing | To utilize established permitting guidelines and requirements as well as existing ordinances and all enabling regulations to reduce site runoff. | To reduce runoff and increase LID on construction sites. | Engineering, Planning & Zoning, and Conservation. | July 1, 2017 | |
| 5-2 Enforce LID/runoff reduction requirements for development and redevelopment projects (Due 7/1/22) | Ongoing | It is the job of the Land-use Compliance Officers to insure that all construction sites are meeting or exceeding any S&E controls and LID requirements. | To enforce LID and S&E controls. | Engineering, Planning & Zoning, and Conservation. | July 1, 2017 | |
| 5-3 Identify retention and detention ponds in priority areas (Due 7/1/20) | Ongoing | Priority Retention and Detention ponds are identified during the initial permit review process. | Require O&M plans where appropriate. | Land use departments | July 1, 2017 | |
| 5-4 Implement long-term maintenance plan for stormwater basins and treatment structures (Ongoing) | Complete | Stormwater catch basins are divided into an 11 District cleaning and maintenance rotation. | Maintain catchbasins at optimal functionality. | Highway/S.Sullivan | 1996 | |
| 5-5 DCIA mapping (Due 7/1/20) | Ongoing | DCIA mapping is ongoing | Completed DCIA map | Engineering | | |
| 5-6 Address post-construction issues in areas with pollutants of concern | Ongoing | Compliance officers are available to address any post-construction issues that arise. | To address any post-construction bacterial issues. | Health and Land-use departments. | July 1, 2017 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 5-7 Utilize alternative retention pond maintenance options | Ongoing | To utilize goats from adjacent farm to maintain large, fenced detention pond area. | Identify other areas for this alternative maintenance program | Conservation/C.Kelly | Jul 1 2018 | |

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

Incorporate DCIA tracking calculations into Land-use permitting program.

**5.3 Post-Construction Stormwater Management reporting metrics**

For details on this requirement, visit https://nemo.uconn.edu/ms4/tasks/post-construction.htm. Scroll down to the DCIA section.

| **Metrics** | |
|---|---|
| Baseline (2012) Directly Connected Impervious Area (DCIA) | 2,543.21 acres |
| DCIA disconnected (redevelopment plus retrofits) | 2.77 acres this year / 51.67 acres total |
| Retrofit projects completed | 2 |
| DCIA disconnected | .11 % this year / 2.03% 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.**

Utilized UCONN CLEAR MS4 Data mapping to determine impervious coverage, less State roads, then utilized Westport's 2012-2013 digital flyover map for additional details.

# 6. Pollution Prevention/Good Housekeeping (Section 6(*a*)(6) / page 31)

### 6.1 BMP Summary

| **BMP** | **Status** (Complete, Ongoing, In Progress, or Not started) | **Activities in current reporting period** | **Measurable Goal** | **Department / Person Responsible** | **Date completed or projected completion date** (include the start date for anything that is 'in progress') | **Additional details** |
|---|---|---|---|---|---|---|
| 6-1 Develop/implement formal employee training program (Ongoing) | Ongoing | Continued participation in scheduled training sessions. | To provide necessary training. | Interdepartmental | July 1, 2017 | |
| 6-2 Implement MS4 property and operations maintenance (Ongoing) | Ongoing | Utilize established maintenance protocols to control potential pollutants in the MD4. | To continue on 11 district maintenance schedule. | Highway/S.Sullivan | July 1, 2018 | |
| 6-3 Implement coordination with interconnected MS4s | Ongoing | Sasco Creek Pollution Abatement Committee. The Department of Public Works is in continual communication with the neighboring MS4's, as is the Aspetuck Health District. | To coordinate efforts to reduce pollutants in our shared watershed. | Conservation/A.Mozian, C.Kelly Public Works /P.Ratkiewich, K.Wilberg | 1991 | https://www.westportct.gov/government/departments-a-z/conservation-department/sasco-brook-pollution-abatement-committee |
| 6-4 Develop/implement program to control other sources of pollutants to the MS4 | Ongoing | The Conservation Dept has initiated Innovative ordinances banning plastic bags and single-use food service containers, | To reduce pollutants to the MS4. | Conservation/A.Mozian, C.Kelly, J.Zebrowski and other Land-use Departments. | July 1, 2017 | https://www.westportct.gov/government/departments-a-z/public-works-department/stormwater-management/clean-up-pet-waste https://www.westportct.gov/government/departments-a-z/public-works-department/stormwater-management/keep-your-lawn-on-the-natural-side |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | as well as teaming up with the Planning & Zoning Dept to hire a S&E Control Specialist to Monitor all Westport construction sites. | | | | https://www.westportct.gov/government/departments-a-z/public-works-department/stormwater-management/practice-responsible-auto-care https://www.westportct.gov/government/departments-a-z/public-works-department/stormwater-management/maintain-your-septic-system https://www.westportct.gov/government/departments-a-z/public-works-department/stormwater-management/please-refrain-from-feeding-wildlife https://www.westportct.gov/government/departments-a-z/public-works-department/stormwater-management/use-low-impact-development-concepts |
| 6-5 Evaluate additional measures for discharges to impaired waters* | Ongoing | The Parks and Rec Dept utilizes trained service dogs for Canada Geese and pollutant control on their Golf Course that fronts LIS. Dog waste bags are also provided at dog park to encourage responsible dog waste removal. | To substantially reduce geese and dog waste at public parks. | Parks and Rec/J.Fava | July 1, 2017 | https://www.westportct.gov/government/departments-a-z/public-works-department/stormwater-management/please-refrain-from-feeding-wildlife |
| 6-6 Track projects that disconnect DCIA (Ongoing) | Ongoing | Require applicants to submit disconnect calculations as part of their permit review process. | Continue DCIA reductions as per permit requirements | Engineering/E.Gill, K.Pierce | July 1, 2017 | |
| 6-7 Implement infrastructure repair/rehab program (Due 7/1/21) | Ongoing | Continue to repair/rehab/expand stormwater & sanitary sewer infrastructure as needed. | To repair/rehab/expand stormwater and sewer infrastructure within budgetary parameters. | Highway/S.Sullivan, J.Bottone WPCA/B.Thompson | July 1, 2017 | |
| 6-8 Develop/implement plan to identify/prioritize retrofit projects (Due 7/1/20) | Ongoing | To prioritize retrofit projects by location, age and condition. | To repair and rehab the maximum number of structures possible within budgetary parameters. | Highway/S.Sullivan, J.Bottone WPCA/B.Thompson | July 1, 2017 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 6-9 Implement retrofit projects to disconnect 2% of DCIA (Due 7/1/22) | Ongoing | To prioritize retrofit projects by location, age and condition. | To continue to prioritize retrofit projects by location, age and condition. | Engineering/K.Wilberg | July 1, 2017 | |
| 6-10 Develop/implement street sweeping program (Ongoing) | Ongoing | Streets and parking lots are organized into 11 districts, each district is swept according to schedule. | To sweep roads and parking lots as often as possible within budgetary constraints. | Highway/S.Sullivan, J.Bottone | July 1, 2017 | |
| 6-11 Develop/implement catch basin cleaning program (Ongoing) | Ongoing | Catch basins are also organized into 11 districts and vacuumed on schedule. Catch basins prone to leaf litter are cleared routinely. | To clean and maintain catch basins as often as possible within budgetary constraints. | Highway/S.Sullivan, J.Bottone | July 1, 2017 | |
| 6-12 Develop/implement snow management practices (Due 7/1/18) | Ongoing | Snow and ice management is designed to utilize the least amount of salt to keep Town roads open and safe and is also organized into 11 plowing districts. | To utilize the least amount of salt to keep Town roads open and the public safe. | Highway/S.Sullivan, J.Bottone | July 1, 2017 | |
| 6-13 Flushing of the Sherwood Mill Pond | Ongoing | To flush the Sherwood Mill Pond bi-weekly during late Spring and Summer to improve water quality. | To continue to improve the water quality of the Sherwood Mill Pond. | DPW/M.Frawley | July 1, 2017 | Utilizing tide gates to flush the Sherwood Mill Pond bi-weekly during late Spring and Summer to improve water quality. |

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

Annual Collection of Household Hazardous Wastes on 04/22/2023. A six-town HHW collection program to provide residents with six opportunities to properly dispose of their household hazardous wastes.

Late spring and summer bi-weekly flushing of the Sherwood Mill Pond flood gates to improve water quality.

Annual inspection and licensing of all refuse and septage vehicles working in the Town of Westport to insure that no vehicle is discharging septic or garbage leachate onto Town roads and eventually into open waters.

### 6.3 Pollution Prevention/ Good Housekeeping reporting metrics

| **Metrics** | |
|---|---|
| Employee training provided for key staff | Yes |
| Street sweeping | |
| | |
| Curb miles swept | 246 miles + parking lots |
| Volume (or mass) of material collected | 1583 yards |
| Catch basin cleaning | |
| Total catch basins in priority areas (value will be less than or equal to total catch basins town or institution-wide) | 251 |
| Total catch basins town- (or institution-) wide | # |
| Catch basins inspected | 644 |
| Catch basins cleaned | 644 |
| Volume (or mass) of material removed from all catch basins | |
| Volume removed from catch basins to impaired waters (if known) | |
| Snow management | |
| Type(s) of deicing material used | CaCl2 |
| Total amount of each deicing material applied | 2414 tons |
| Type(s) of deicing equipment used | All-season trucks, and trucks equipped with slide-in spreaders. |
| Lane-miles treated (A lane-mile is a mile of roadway in a single driving lane) | 246 miles and all Town-owned parking lots |
| Snow disposal location | Imperial Parking Lot |
| Staff training provided on application methods & equipment | Yes |
| Municipal turf management program actions (for permittee properties in basins with N/P impairments) | |

| | |
|---|---|
| Reduction in application of fertilizers (since start of permit) | |
| Reduction in turf area (since start of permit) | |
| Lands with high potential to contribute bacteria (dog parks, parks with open water, & sites with failing septic systems) | |
| Cost of mitigation actions/retrofits | |

### 6.4 Catch basin cleaning program

| **Provide any updates or modifications to your catch basin cleaning program.** |
|---|
| Additional catch basins have been retrofitted and/or added to the 11 District cleaning program. |

### 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. (Due 7/1/20)** |
|---|
| Future retrofit projects will be identified and prioritized based on budgetary constraints and need. |

| **Describe plans for continuing the Retrofit program and how to achieve a goal of 1% DCIA disconnection annually in future years. (Due 7/1/22)** |
|---|
| Once the retrofits are identified and prioritized they are requested in the following year's budget. If approved, parts are ordered and installation scheduled. |

**Part II: Impaired waters investigation and monitoring ( Wet Weather)**

## 1. Impaired waters investigation and monitoring program

For details on this requirement, visit https://nemo.uconn.edu/ms4/tasks/monitoring.htm. Refer to the yellow column of the Monitoring comparison chart and the Impaired waters monitoring flowchart.

**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.** |
|---|
| Completed sampling on 86 outfalls and identified six outfalls for annual sampling. |

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

**2.1 Screening data**

Complete the table below to report data for any wet weather sampling completed for MS4 outfalls that discharge directly to a stormwater impaired waterbody during the reporting period. For details on this requirement, visit www.nemo.uconn.edu/ms4/tasks/monitoring.htm. Refer to the yellow column of the Monitoring comparison chart and the Impaired waters monitoring flowchart.

Each Annual Report will add on to the previous year's data showing a cumulative list of sampling data. **You may also attach an excel spreadsheet with the same data rather than copying it into this table**. If you do attach a spreadsheet, please write "See Attachment" below.

# MS4 SAMPLING IMPAIRED WATERS MONITORING PRIORITY BASINS

| Site | Street Address | Date | Time | Temp | E Coli | Turbidity | Total coli | Notes |
|---|---|---|---|---|---|---|---|---|
| | | | | F | CFU/100ml | NTU | CFU/100ml | |
| | | | | | | | | |
| | **Sasco Creek Watershed CT7109-00_01; CT7109-00-trib_01** | | | | | | | |
| | 200 Cross Highway | 3/18/2021 | 1158 | | 199 | 60.6 | | 24" concrete pipe from Cross Hwy discharge to Sasco Creek |
| | | 11/12/2021 | 1003 | 56 | 2420 | 34.5 | | |
| | | | | | | | | |
| | 336 Greens Farms Rd | 3/18/2021 | 1324 | | 2 | 16.4 | | CP from Sasco Creek Rd discharges to swale on Greens Farms Rd |
| 42 | 366 Greens Farms Rd | 11/12/2021 | 1046 | 57 | 1046 | 13.5 | | 15"corragated metal pipe carrying stream. Upstream basins all dry |
| | **398 Greens Farms Rd** | 3/18/2021 | 1307 | | 1414 | 18.9 | | 15" concrete pipe discharging into east side of headwall |
| | **398 Greens Farms Rd** | 3/18/2021 | 1306 | | 770 | 18.2 | | 15" concrete pipe discharging into west side of headwall |
| 21 | 32 Westway | | | | | | | 15" concrete pipe discharging into Sasco Creek just south of bridge |
| 90 | **29 North Bulkley Ave** | 3/18/2021 | 1245 | | 1414 | 30.5 | | 24" cncrete pipe discharges from Fairport area |
| | | 11/12/2021 | 1032 | 58 | 2420 | 11.6 | | |
| | 188 Long Lots Rd | | | | | | | 15 " concretepipe in stone headwall |
| | 3 Greenwood Lane | 11/12/2021 | 1015 | 57 | 411 | 33.1 | | 12" concrete pipe ; no headwall, no scour |
| | 15 Sturges Common | 9/22/2022 | 1152 | 65 | 2420 | 21 | | 12" plastic pipe discharging into swale with standing water, terminal basin dry |
| | 25 Sturges Common | | | | | | | 15" concrete pipe discharges across private property - terminal basin dry |
| | 6 Sturges Common | 3/18/2021 | 1215 | | 8 | 70.6 | | 12" concrete pipe in stone headwall |
| | 20 Dawn Drive | 9/22/2022 | 1203 | 63 | 2420 | 5.6 | | 15" concrete pipe discharges across private property, stone headwall |
| | **3 Forest Drive** | 3/18/2021 | 1235 | | 866 | 5.8 | | 15" plastic pipe discharging into a wetland area, no rip-rap or scour |
| | | | | | | | | |
| | **Old Road at Grist Mill** | 3/18/2021 | 1224 | | 2420 | 9.6 | | 36" concrete pipe set in stone rip-rap, submerged in Sasco Creek |
| | | 11/12/2021 | 1026 | 59 | 1120 | 3.4 | | |
| | Godfrey Drive | | | | | | | 12" concrete pipe running across private property - terminal basin dry |
| | 41 Sasco Creek | 3/18/2021 | 1334 | | 29 | 33.7 | | 15" concrete pipe discharging into new box culvert -terminal basin dry |
| | 11 Hunt Club Lane | 9/22/2022 | 1249 | 71 | 2420 | 11 | | 15" concrete pipe runs across back yard and discharges into a wet swale |
| | **21 Bayberry Lane** | 3/18/2021 | 1440 | | 816 | 32 | | Sampled leakoff, 18" pipe conveying watercourse across roadway into plunge pool |
| | | | | | | | | |
| | **Muddy Brook Watershed CT7000-16_01; CT7000-16-trib_01; CT7000-17_01** | | | | | | | |
| **199** | 19 Highland Rd | 11/30/2022 | 1237 | 47 | 20 | na | 2420 | 18" CP discharging to plunge pool with 4" standing water |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 174 Cross Hwy | 11/12/2021 | 958 | 56 | 579 | 23.7 | | 15" plastic pipe discharging into Muddy Brook |
| | 191 Greens Farms Rd | 3/18/2021 | 1348 | | 18 | 50.6 | | Leakoff from roadway into downsteam side of Muddy Brook box culvert |
| xxx | 5 Fresenius Road | 11/30/2022 | 1402 | 49 | 214 | na | 2420 | gutterline flow into basin dropping into culvert conveying watercourse |
| | 2 Ruta CT | 4/15/2021 | 1450 | | 86 | 14.1 | | gutterline flow into basin dropping into culvert conveying watercourse |
| | 18 Salem Rd | 11/12/2021 | 1208 | 57 | 1414 | 1.3 | | 24" concrete pipe across an easement to small creek |
| | 28 Roseville Rd | 11/12/2021 | 1219 | 58 | 2420 | 6.4 | | 24" concrete pipe carries stream across road and several basins drop into pipe |
| | | | | | | | | |
| | | | | | | | | |
| | Old Hillandale Road | 3/18/2021 | 1401 | | 31 | 32.3 | | 15" concrete pipe in concrete headwall |
| | | 4/15/2021 | 1422 | | 70 | 11 | | |
| 15 | 88 Hillandale Rd | 4/15/2021 | 1405 | | 111 | 19 | | 12" Concrete pipe discharge directly into Muddy Brook SE corner of culvert |
| | | 11/12/2021 | 1125 | 56 | 1414 | 10.4 | | |
| | 104 Hillandale Rd | 11/12/2021 | 1120 | 58 | 2420 | 5.8 | | 24" concrete pipe carrying stream under road with CB dropping into it |
| | **31 West Parish Rd** | 3/18/2021 | 1350 | | 629 | 31 | | 15 " concrete pipe in concrete headwall |
| 102 | 132 Bayberry Ln | 9/22/2022 | 1217 | 70 | 2420 | 19 | | 15" conc pipe discharging int0 Muddy Bk from Rogers Ln |
| 133 | 128 Bayberry Ln | 11/30/2022 | 1246 | 50 | 107 | na | 2420 | 24" CP discharging directly into Muddy Brook |
| 134 | 121 Bayberry Ln | 9/22/2022 | 1222 | 68 | 2420 | 10 | | 15" conc pipe discharging over bank into eroded channel |
| 239 | 95 Bayberry Ln | 9/22/2022 | 1232 | 70 | 2420 | 8.4 | | 15" conc pipe discharging into swalealong FoxFire Lane |
| | 8 Dorchester Drive | 11/30/2022 | 1256 | 51 | 107 | na | 2420 | 12 concrete pipe buried half in mud |
| | 61 Highpoint Rd | | | | | | | 15" concrete pipe runs across private property to wetland |
| | 48 Highpoint Rd | | | | | | | 15" concrete pipe runs across private property to wetland |
| | Highpoint R | | | | | | | 15" concrete pipe runs across private property to wetland |
| | Highpoint Rd | | | | | | | 15" concrete pipe runs across private property to wetland |
| | 19 Highpoint Rd | | | | | | | 15" concrete pipe runs across private property to wetland |
| | **4 Highpoint Road** | 3/18/2021 | 1416 | | 2420 | 12.7 | | 12" plastic pipe discharges into swale leading to back of property |
| | Highpoint Rd | 11/30/2022 | 1302 | 50 | 1986 | na | 2420 | Leakoff at culvert headwall used for stormwater sampling |
| | 12 Moss Ledge Road | 4/15/2021 | 1205 | | 517 | 2.1 | | 12" Concrete pipe discharge at back of property - 2 pipes one dry |
| | 50 Turkey Hill Rd | 4/15/2021 | 1215 | | 172 | 0.5 | | 15" Concrete pipedraining Long Lots Rd into small brook |
| | 12 Burr Farms Rd | 4/15/2021 | 1445 | | 365 | 16.7 | | 15"Concree pipe discharge into swale at side of road |
| | 22 Burr School Road | 11/30/2022 | 1334 | 50 | 2420 | na | 2420 | 15" tile pipe discharging to swale |
| | 28 Burr School Road | 11/30/2022 | 1339 | 50 | 1 | na | 2420 | 15" concrete pipe discharge to stream - half submerged |
| | Adams Farms Road | 11/30/2022 | 1312 | 50 | 1553 | na | 2420 | 15" concrete pipe discharging into small creek |
| 46 | 2 Colony Road | 11/30/2022 | 1413 | 50 | 28 | na | 2420 | 36" concrete pipe half full of standing water |
| | 55 Colony Road | 1/19/2023 | 1447 | 42 | 20 | na | 2420 | Basins drop into 30" RCP culvert - sampled discharge |
| | 12 Colony Road | 1/19/2023 | 1454 | 44 | 866 | na | 2420 | Basins drop into 24" RCP culvert carrying stream - sampled outfall |
| | Center St @ Muddy Bk | 4/15/2021 | 1415 | | 172 | 15.2 | | 18" Concrete pipe set in downstream wingwall of Center St culvert - south side |
| | | | | | | | | |
| | 6 Meadowbrook Ln | 11/12/2021 | 1148 | 58 | 2420 | 2.4 | | 24" Concrete pipe dscharge to Muddy Brook from Long Lots School |
| 52 | 6 Wedgewood Rd | 11/30/2022 | 1326 | 49 | 2420 | na | 2420 | One basin and a leakoff |
| 56 | 22 Wedgewood Rd | | | | | | | Easement across private property - no flow in terminal basin |
| xxx | 23 Turkey Hill Rd N | | | | | | | 15" plastic pipe discharging thru wing wall |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 196 | 23 Turkey Hill Rd N | | | | | | | 15 " concrete pipe discharge thru southern wingwall |
| 197 | 23 Turkey Hill Rd N | 4/15/2021 | 1225 | | 1986 | 37.6 | | 15 " concrete pipe discharge thru northern wingwall, submerged 4" Upstream basin dry |
| | | 11/12/2021 | 1135 | 57 | 687 | 2.7 | | |
| | | 11/30/2022 | 1353 | 50 | 2420 | na | 2420 | 15" concrete pipe didcharging thru north wingwall - 4" submerged |
| | 191 Greens Farms Rd | 3/18/2021 | 1510 | | | | | Leakoff into downstream side of Greens Farms culvert at Muddy Brook |
| 12 | 211 Greens Farms Rd | 4/15/2021 | 1430 | | 461 | 11.9 | | 18" Concrete pipe discharge into existing brook that flows thru Nyala Farm |
| | | 11/12/2021 | 1113 | 60 | 2420 | 15.3 | | |
| | Nyla Farm Rd | 4/15/2021 | 1435 | | 9 | 9.2 | | Gutter flow from Nyala Farms Rd flows directly nto Muddy Brook |
| | | | | | | | | |

**Pussy Willow Brook Watershed CT7000-18_01**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 42 Whitney Street | 11/30/2022 | 1448 | 49 | 172 | na | 2420 | 12" RCP that feeds an intermittent stream |
| | 36 Hillspoint Rd | 11/12/2021 | 1225 | 58 | 2420 | 50 | | Pipe discharges along Iron Gate from Hillspoint Rd |
| 190 | 16 Beechwood Lane | | | | | | | Easement across private property |
| 49 | 2 Guyer Rd | 11/12/2021 | 1236 | 58 | 275 | 4.6 | | concrete pipe with no headwall - channel eroding |
| | | | | | | | | |
| 50 | 15 Valley Rd | | | | | | | Easement across private property- no flow in terminal basin |
| 51 | 42 Guyer Rd | | | | | | | Easement across private property |
| | 3 Windy Hill Road | 11/30/2022 | 1421 | 51 | 344 | na | 2420 | 18" concrete pipe half submerged in plunge pool |

**Dead Mans Brook - - Not Impaired**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| 26 | 100 North Ave | 9/22/2022 | 1300 | 69 | 1986 | 5.1 | | 18" concrete pipe in stoneheadwall |
| 27 | 100 North Ave | | | | | | | leak-off in masonry headwall with #26 |
| 211 | 1 Pleasant Valley | 9/22/2022 | 1305 | 69 | 2420 | 6.4 | | 18" concrete pipe in stone headwall |
| 55 | 9 Pleasant Valley | | | | | | | upstream catchbasin dry but no outfall located |
| | | | | | | | | outfall buried in pond sediment |
| 54 | 19 Pleasant Valley | 9/22/2022 | 1311 | 68 | 2420 | 2.7 | | 18" concrete pipe stone slope pavement |
| | 42 Pumpkin Hill | 9/22/2022 | 1331 | 68 | 2420 | 8.9 | | 36" RCP discharging thru stone headwall into brook |
| | 6 Leslie Ln | 9/22/2022 | 1336 | 68 | 2420 | 6.1 | | 15" RCP discharge thru concrete headwall into stream |
| | 134 Cross Highway | 9/22/2022 | 1350 | 68 | 435 | 2.1 | | 30" RCP discharging into a swale approx 20 ft from brook |
| | 117 Roseville Road | 11/30/2022 | 1435 | 50 | 548 | na | 2420 | 24" RCP coveying small brook across street - basin drops into culvert |
| | 143 Roseville Road | 11/30/2022 | 1443 | 50 | 308 | na | 2420 | 12" RCP at the bottom of the headwall discharging to stream |
| | 10 Lone Pine Lane | 11/30/2022 | 1456 | 49 | 326 | na | 2420 | discharge through the retaining wall into the brook |
| | 46 Evergreen Ave | 11/30/2022 | 1502 | 51 | 78 | na | 2420 | 12" RCP disharge directly to brook |
| | 7 Deerwood Road | 1/19/2023 | 1432 | 41 | 816 | na | 2420 | 18" RCP |
| | 23 Joanne Circle | 1/19/2023 | 1436 | 41 | 435 | na | 2420 | Basin drops into 36" plastic culvert - sampled at culvert discharge |
| | 8 Clover Lane | 1/19/2023 | 1441 | 42 | 62 | na | 2420 | 15" RCP culvert that basin drops into - sampled discharge |
| | 4 Fernwood Road | 1/19/2023 | 1504 | 41 | 1300 | na | 2420 | 36" RCP discharge into brook |
| | Peaceful Lane | 1/19/2023 | 1509 | 43 | 16 | na | 641 | 18" RCP carrying stormwater off Whitney to small brook |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 3 Turtleback Lane | 1/19/2023 | 1513 | 41 | 308 | na | 2420 | 15" RCP carrying stormwater off Whitney to small brook |
| | 11 Vineyard Lane | 1/19/2023 | 1524 | 42 | 96 | na | 2420 | 18" RCP on south headwall from James Lane |
| | 24 Vineyard Lane | 1/19/2023 | 1528 | 42 | 133 | na | 1733 | 24" RCP discharging into small brook - invert buried in sediment |
| **Saugatuck River** | | | | | | | | |
| | | | | | | | | |
| | Sylvan Rd @ SB A | 8/22/2022 | 1328 | 80 | | | | A |
| | Sylvan RD @ SB B | 8/22/2022 | 1330 | 74 | | | | B |
| | Sylvan Rd @ SB C | 8/22/2022 | 1336 | 76 | | | | C |
| | Sandhopper Trail | 11/30/2022 | 1511 | 52 | 130 | na | 2420 | 36" RCP in 4" of standing water |
| | 15 Gault Ave | 11/30/2022 | 1513 | 49 | 147 | na | 2420 | 24" plastic pipe discharging middle of the embankment |
| | 42 Kings Hwy So | 1/19/2023 | 1348 | 42 | 61 | na | 2420 | Basin drops into 30"CMP culvert that crosses roadway |
| | 6 Edge Hill Lane | 1/19/2023 | 1356 | 44 | 59 | na | 2420 | Basin drops into 36" RCP culvert |
| | 7 Short Street | 1/19/2023 | 1404 | 42 | 1986 | na | 2420 | 15" RCP conveying discharge from Richmondville into canal |
| | 63 Richmondville Ave | 1/19/2023 | 1409 | 50 | 201 | na | 1553 | 18" RCP conveying flow off Oak Street - deep in Richmondville |
| | 9 Stone Drive | 1/19/2023 | 1417 | 41 | 4 | na | 1203 | 12" RCP discharging over embankment from single basin |

**Indian River Watershed CT7000-22_01; CT7000-22_02**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| 174 | 31 Hogan Trail | | | | | | | 12" concrete pipe direct discharge to creek -submerged. Upstream basin dry |
| 222 | 31 Hogan Trail | | | | | | | 12" concrete pipe direct discharge to creek -submerged. Upstream basin dry |
| **New Creek Watershed** | | | | | | | | |
| xxx | 271 Greens Farms Rd | 3/18/2021 | 1342 | | 108 | 32.9 | | 15" concrete pipe discharge into stone sluiceway |
| 38 | 59 Beachside Ave | | | | | | | 12" corragated metal pipe in large masonry headwall - severly corroded |
| xxx | Beachside Ave | | | | | | | 12" corragated metal pipe running across road discharge to marsh |
| | at New Creek | | | | | | | |

Follow-up investigation required (last column) if the following pollutant thresholds are exceeded:

| Pollutant of concern | Pollutant threshold |
|---|---|
| Nitrogen | Total N > 2.5 mg/l |
| Phosphorus | Total P > 0.3 mg/l |
| Bacteria (fresh waterbody) | • E. coli > 235 col/100ml for swimming areas or 410 col/100ml for all others<br>• Total Coliform > 500 col/100ml |
| Bacteria (salt waterbody) | • Fecal Coliform > 31 col/100ml for Class SA and > 260 col/100ml for Class SB<br>• Enterococci > 104 col/100ml for swimming areas or 500 col/100 for all others |
| Other pollutants of concern | Sample turbidity is 5 NTU > in-stream sample |
| | |

## 3. Follow-up investigations (Section 6(i)(1)(D) / page 43)

Provide the following information for outfalls exceeding the pollutant threshold.

| MS4 SAMPLING IMPAIRED WATERS MONITORING PRIORITY BASINS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | UPDATED 3/1/2023 | | | |
| **Priority** | **Site** | **Street Address** | **Date** | **Time** | | | **Temp** | **e Coli** | **Turbidity** | **Total coli** | **Notes** |
| | | | | | | | **F** | **CFU/100ml** | **NTU** | **CFU/100ml** | |
| **Sasco Creek Watershed CT7109-00_01; CT7109-00-trib_01** | | | | | | | | | | | |
| 3 | 90 | **29 North Bulkley Ave** | 3/18/2021 | 1245 | | | | 1414 | 30.5 | | 24" cncrete pipe discharges from Fairport area |
| | | | 11/12/2021 | 1032 | | | 58 | 2420 | 11.6 | | |
| 3 | | **Old Road at Grist Mill** | 3/18/2021 | 1224 | | | | 2420 | 9.6 | | 36" concrete pipe set in stone rip-rap, submerged in Sasco Creek |
| | | | 11/12/2021 | 1026 | | | 59 | 1120 | 3.4 | | |
| **Muddy Brook Watershed CT7000-16_01; CT7000-16-trib_01; CT7000-17_01** | | | | | | | | | | | |
| 3 | 197 | 23 Turkey Hill Rd N | 4/15/2021 | 1225 | | | | 1986 | 37.6 | | 15 " concrete pipe discharge thru northern wingwall, submerged 4" Upstream basin dry |
| | | | 11/12/2021 | 1135 | | | 57 | 687 | 2.7 | | |
| | | | 11/30/2022 | 1353 | | | 50 | 2420 | na | 2420 | |

## 4. Prioritized outfall monitoring (Section 6(i)(1)(D) / page 43)

Once outfall sampling 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. **You may also attach an excel spreadsheet with the same data rather than copying it to this table.** If you do attach a spreadsheet, please write "See Attachment" below.

| MS4 SAMPLING IMPAIRED WATERS MONITORING PRIORITY BASINS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **UPDATED 3/01/23** | | | | | | | | | | | |
| **Priority** | **Site** | **Street Address** | **Date** | **Time** | | | **Temp** | **e Coli** | | **Total coli** | **Notes** |
| | | | | | | | **F** | **CFU/100ml** | | **CFU/100ml** | |
| **Sasco Creek Watershed CT7109-00_01; CT7109-00-trib_01** | | | | | | | | | | | |
| | | 200 Cross Highway | 3/18/2021 | 1158 | | | | 199 | | | 24" concrete pipe from Cross Hwy discharge to Sasco Creek, Septic area, drains steep slopes |
| | | | 11/12/2021 | 1003 | | | 56 | 2420 | | | |
| | | **398 Greens Farms Rd** | 3/18/2021 | 1307 | | | | 1414 | | | 15" concrete pipe discharging into east side of headwall, Septic area, residential, high groundwater |
| | | | | | | | | | | | |
| | 90 | **29 North Bulkley Ave** | 3/18/2021 | 1245 | | | | 1414 | | | 24" cncrete pipe discharges from Fairport area, captured brook, high groundwater |
| | | | 11/12/2021 | 1032 | | | 58 | 2420 | | | |
| | | | | | | | | | | | |
| 3 | | **Old Road at Grist Mill** | 3/18/2021 | 1224 | | | | 2420 | | | 36" concrete pipe set in stone rip-rap, submerged in Sasco Creek, Very large collection area, septic |
| **Muddy Brook Watershed CT7000-16_01; CT7000-16-trib_01; CT7000-17_01** | | | | | | | | | | | |
| | | | | | | | | | | | |
| | 239 | 95 Bayberry Ln | 9/22/2022 | 1232 | | | 70 | 2420 | | | 15" conc pipe discharging into swalealong FoxFire Lane, Septic area , flat with high groundwater |
| | | | | | | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 197 | 23 Turkey Hill Rd N | 4/15/2021 | 1225 | | | | 1986 | | | 15" RCP thru northern wingwall, 4" standing water, basins dry, Sewer service area, high groundwater |
| | | | 11/12/2021 | 1135 | | | 57 | 687 | | | |
| | | | 11/30/2022 | 1353 | | | 50 | 2420 | | 2420 | |
| **Pussy Willow Brook Watershed CT7000-18_01** | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | 36 Hillspoint Rd | 11/12/2021 | 1225 | | | 58 | 2420 | | | Pipe discharges along Iron Gate from Hillspoint Rd, Sewer service area, steep slopes |
| **Dead Mans Brook** | | | | | | | | | | | |
| | 211 | 1 Pleasant Valley | 9/22/2022 | 1305 | | | 69 | 2420 | | | 18" concrete pipe in stone headwall, Steep slopes, septic/sewered |
| **Saugatuck River** | | | | | | | | | | | |
| | | 7 Short Street | 1/19/2023 | 1404 | | | 42 | 1986 | | 2420 | 15" RCP conveying discharge from Richmondville into canal, sewered, |

**Part III: Additional IDDE Program Data**

## 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

This screening is the baseline IDDE dry weather screening. For details on this requirement, visit https://nemo.uconn.edu/ms4/tasks/monitoring.htm. Refer to the blue column of the Monitoring comparison chart and the IDDE baseline monitoring flowchart.

Provide sample data for outfalls where flow is observed, during dry weather, of outfalls and interconnections categorized as high or low priority in priority areas. Do not include problem or excluded catchments. Only include Pollutant of concern data for outfalls that discharge into stormwater impaired waterbodies. **You may also attach an excel spreadsheet with the same data rather than copying it to this table.** If you do attach a spreadsheet, please write "See Attachment" below.

| MS4 SAMPLING DRY WEATHER OUTFALL SCREENING AND SAMPLING PRIORITY BASINS | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| UPDATE 3/13/23 | | | | | | | | | | | | | | | | | |
| Priority | Site | Street Address | Date | Time | Photo | Physical Condition | Flow | Flow Estimate | Illicit Dis. | Cond. (mS) | Sal. (ppt) | Temp C | Cl mg/l | NH3 mg/l | Surf. ppm | E. coli CFU/100ml | Notes |
| Sasco Creek Watershed CT7109-00_01; CT7109-00-trib_01 | | | | | | | | | | | | | | | | | |
| 1 | | 200 Cross Highway | 4/8/2021 | 1320 | yes | good | yes | 5gal/min | no | 399 | 0.2 | 11.4 | 0 | 0 | 0 | 121 | 15" concrete pipe draining from Cross Hwy into the existing brook |
| | | | 12/17/2021 | 1330 | | good | yes | 5gal/min | no | 306 | 0.1 | 10.8 | 0 | 0 | 0 | 1 | |
| | 42 | 336 Greens Farms Rd | 10/18/2019 | 1220 | yes | good | no | NA | | | | | | | | | 15" concrete pipe from Sasco Creek Rd discharge into swale on Greens Farms |
| | | 366 Greens Farms Rd | 10/18/2019 | 1244 | yes | good | no | NA | | | | | | | | | 15"corragated metal pipe carrying stream. Upstream basins all dry |
| 1 | | 398 Greens Farms Rd | 4/8/2021 | 1220 | yes | good | yes | 5gal/min | no | 1093 | 0.5 | 12 | 0 | 0 | 0 | 36 | two 12" conc pipes from same terminal basin discharge into unnamed brook |
| | | 15 Sprucewood Rd | 10/18/2019 | 1145 | no | good | no | NA | | | | | | | | | basin full of debris - needs to be pumped - no discharge |
| | 21 | 32 Westway | 10/18/2019 | 1306 | yes | good | no | NA | | | | | | | | | 15" concrete pipe set in concrete headwall |
| 1 | 90 | 30 Bulkley Ave No | 4/8/2021 | 1205 | no | good | yes | 10gal/min | no | 462 | 0.2 | 10.8 | 0 | 0 | 0 | 0 | 24' concrete pipe discharge from Fairport area- underground stream |
| | | | 10/24/2019 | 1613 | yes | good | yes | 10gpm | | | | | | | | | |
| | | 188 Long Lots Rd | 11/14/2019 | 1030 | yes | good | yes | minimal | | | | | | | | | 15" concrete pipe in headwall - submerged 2 " couldn't sample |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 98 | 3 Greenwood Lane | 11/14/2019 | 1115 | yes | good | no | NA | | | | | | | | | 12" concrete pipe ; no headwall, no scour |
| | 96 | 15 Sturges Common | 11/14/2019 | 1130 | yes | good | no | NA | | | | | | | | | 12" plastic pipe discharging into swale with standing water, terminal basin dry |
| | | 25 Sturges Common | 11/14/2019 | 1145 | yes | NA | no | NA | | | | | | | | | 15" concrete pipe discharges across private property - terminal basin dry |
| | 97 | 6 Sturges Common | 11/14/2019 | 1150 | yes | good | no | NA | | | | | | | | | 12" concrete pipe in stone headwall |
| | 95 | 20 Dawn Drive | 11/14/2019 | 1200 | yes | good | no | NA | | | | | | | | | 15" concrete pipe discharges across private property, stone headwall |
| | 91 | 4 Forest Drive | 12/5/2019 | 1030 | yes | good | no | NA | | | | | | | | | 15" plastic pipe discharging into a wetland area, no rip-rap or scour |
| 1 | | Old Road at Grist Mill | 4/8/2021 | 1150 | yes | good | yes | 5gal/min | no | 445 | 0.2 | 12.5 | 0 | 0.25 | 0 | 0 | 36" concrete pipe set in stone rip-rap, submerged in Sasco Creek |
| | | Godfrey Drive | 1/9/2020 | 1015 | yes | NA | no | NA | | | | | | | | | 12" concrete pipe running across private property - terminal basin dry |
| | | 42 Sasco Creek | 1/9/2020 | 1045 | yes | good | no | NA | | | | | | | | | 15" concrete pipe discharging into new box culvert -terminal basin dry |
| | | 11 Hunt Club Lane | 1/9/2020 | 1115 | yes | good | no | NA | | | | | | | | | 15" concrete pipe runs across back yard and discharges into a wet swale |
| | | 21 Bayberry Lane | 1/9/2020 | 1140 | yes | good | no | NA | | | | | | | | | 18" concrete pipe discharges into a wet plunge pool - terminal basin dry |
| | | 22 Maple Ave No | 4/27/2021 | 1245 | no | good | no | NA | | | | | | | | | 36"concrete pipe - dry but couldn't locate outfall |
| **Muddy Brook Watershed CT7000-16_01; CT7000-16-trib_01; CT7000-17_01** | | | | | | | | | | | | | | | | | |
| | 199 | 19 Highland Rd | 4/27/2021 | 854 | yes | good | no | NA | | | | | | | | | 18" concrete pipe 4 " into standing water - no flow in terminal basin |
| | | 174 Cross Hwy | 4/8/2021 | 1250 | yes | good | no | NA | | | | | | | | | 15" plastic pipe discharge into brook |
| 1 | **102** | 132 Bayberry Ln | 4/8/2021 | 1305 | yes | good | yes | 2 gpm | no | 878 | 0.4 | 11.5 | 0 | 0 | 0 | 3 | 15" conc pipe discharging into Muddy Bk from Rogers Ln |
| | **133** | 128 Bayberry Lane | 4/8/2021 | 1315 | yes | good | no | NA | | | | | | | | | |
| | **134** | 121 Bayberry Ln | 4/15/2021 | 1105 | yes | good | no | NA | | | | | | | | | 15" Conc pipe discharging over bank into eroded channel |
| | **239** | 95 Bayberry Ln | 4/27/2021 | 923 | yes | good | yes | 1 gpm | | | | | | | | | 15" concrete pipe discharging to swale along driveway - basins on Bayberry dry |
| | | | 12/17/2021 | 1012 | no | good | no | | | | | | | | | | tried to sample but no flow |
| | | 8 Dorchester Dr | 4/21/2021 | 1510 | yes | good | no | NA | | | | | | | | | 12" Conc pipe buried half in the mud - upstream basin dry |
| | | 154 Long Lots Rd | 4/21/2021 | 1520 | yes | good | no | NA | | | | | | | | | 12" RCP discharge on private property - basins dry |
| | | 17 Woody Lane | | | | | | | | | | | | | | | |
| | **36** | 27 Woody Ln | | | | | | | | | | | | | | | |
| | **37** | 33 Woody Ln | | | | | | | | | | | | | | | |
| | | 60 Highpoint Rd | 1/21/2021 | 1225 | yes | good | no | NA | | | | | | | | | 15" concrete pipe runs across private property to wetland |
| | | 56 Highpoint Rd | 1/21/2021 | 1225 | no | good | no | NA | | | | | | | | | 15" concrete pipe discharges on private property - basins dry |
| | | 48 Highpoint Rd | 1/21/2021 | 1230 | no | good | no | NA | | | | | | | | | 15" concrete pipe runs across private property to wetland |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 32 Highpoint Rd | 1/21/2012 | 1235 | no | good | no | NA | | | | | | | | | 15" concrete pipe runs across private property -conveys flow from pond |
| | | 24 Highpoint Rd | 1/21/2021 | 1240 | no | good | no | NA | | | | | | | | | 15" concrete pipe runs across private property - terminal basin dry |
| | 47 | 4 Highpoint Rd | 1/21/2021 | 1248 | yes | good | no | NA | | | | | | | | | 12" plastic pipe discharges into swale leading to back of property |
| | | 1 Highpoint Rd | 1/21/2021 | 1250 | yes | leakoff | no | NA | | | | | | | | | Leakoff at culvert headwall used for stormwater sampling |
| | | 6 Wedgewood Rd | 4/21/2021 | 1310 | no | good | no | NA | | | | | | | | | One basin and a leakoff- no flow |
| | 56 | 22 Wedgewood Rd | 4/21/2021 | 1314 | yes | NA | no | NA | | | | | | | | | 15" concrete pipe runs across private property - terminal basin dry |
| | | North Ave @ Long Lots | | | | | | | | | | | | | | | |
| 1 | | 50 Turkey Hill Rd No | 12/17/2021 | 1100 | yes | good | yes | 1 gpm | no | 348 | 0.2 | 9.8 | 0 | 0 | 0 | 21 | two 15" RCP service a small stream and North Ave from Wedgewood Rd |
| | | Adams Farms Rd | 4/21/2021 | 1335 | yes | good | no | NA | | | | | | | | | 15" concrete pipe discharges to a creek- pipe dry |
| | | 12 Burr Farms Rd | 4/21/2021 | 1345 | no | NA | no | NA | | | | | | | | | Basins dry - discharge pipe leads off into shoulder but no outlet |
| 2 | | 18 Salem Road | 12/17/2021 | 1125 | yes | good | yes | 0.5 gpm | ? | 502 | 0.2 | 12.2 | 0 | 0 | 0 | 1120 | 15" concrete pipe discharges to a swale hat leads to a wetland |
| | 46 | 2 Colony Rd | 4/21/2021 | 1234 | yes | good | no | NA | | | | | | | | | 36" concrete pipe half full with standing water - basins dry w no flow |
| | | 12 Colony Rd | 4/21/2021 | 1242 | yes | good | no | NA | | | | | | | | | Basins cut over 36' RCP conveying stream across roadway |
| | | 55 Colony Road | 4/21/2021 | 1246 | yes | good | no | NA | | | | | | | | | Basins drop into 36" RCP pipe that sits in standing water |
| 1 | 25 | 28 Roseville Rd | 12/17/2021 | 1155 | yes | good | yes | 5 gpm | no | 440 | 0.2 | 10.9 | 0 | 0 | 0 | 435 | 36" concrete pipe conveys stream thru road and discharges @ #28 |
| | 28 | 5 Fresenius Road | | | | | | | | | | | | | | | |
| | | Ruta Ct | | | | | | | | | | | | | | | |
| | 16 | 28 Burr School Rd | 4/21/2021 | 1423 | yes | good | no | NA | | | | | | | | | 15" RCP discharge to stream - 50% submerged - basin dry |
| | 99 | 24 Burr School Rd | 4/21/2021 | 1410 | yes | good | no | NA | | | | | | | | | Blind discharge pipe could not be located - basins dry |
| 1 | 19 | 22 Burr School Rd | 12/17/2021 | 1110 | yes | poor | yes | 1 gpm | no | 456 | 0.2 | 11.4 | 0 | 0 | 0 | 152 | 15" broken tile pipe discharging to swale |
| | | 12 Burr School Rd | 4/21/2021 | 1400 | yes | good | no | NA | | | | | | | | | 12" plastic pipe 50% submerged in standing water - basin dry |
| 1 | | 12 Moss Ledge Rd | 12/17/2021 | 1043 | yes | good | yes | 1 gpm | no | 340 | 0.2 | 11.4 | 0 | 0 | 0 | 4 | Two 12" RCP - one dry one with small flow |
| | | 16 Moss Ledge Rd | 4/15/2021 | 1205 | no | NA | no | NA | | | | | | | | | Basins dry - could not locate discharge |
| | | 26 Bauer Place | 4/27/2021 | 1231 | yes | good | no | NA | | | | | | | | | 12" concrete pipe in stone headwall - pipe dry, small plunge pool w water |
| | | 60 Long Lots Rd | 4/27/2021 | 1146 | yes | poor | no | NA | | | | | | | | | catch basins drop into 36" corragated metal pipe - basins dry |
| | | Linda Ln @ Long Lots | 4/27/2021 | 945 | no | good | no | NA | | | | | | | | | basins all dry but not able to locate discharge - assume into Meadow Bk culvert |
| | | Moss Ledge @ LL | 4/27/2021 | 1000 | no | good | no | NA | | | | | | | | | basins all dry but not able to locate discharge - assume into Meadow Bk culvert |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 23 | 6 Meadow Brook Ln | 12/17/2021 | 1028 | yes | good | yes | 5gpm | ? | 295 | 0.2 | 12.5 | 0 | 0 | 0 | 1120 | 18 " concrete pipe service all of Hyde Ln & school thru detention pond |
| | 24 | 8 Meadow Brook Ln | 4/27/2021 | 1020 | no | good | no | NA | | | | | | | | | Easement across private property - no flow in terminal basin |
| | | 29 Ellery Lane | 8/4/2021 | 1225 | yes | good | yes | 1 gpm | | | | | | | | | 24" RCP running across private property discharge to back of property |
| | | | 12/17/2021 | 1220 | no | good | no | | | | | | | | | | tried to sample but no flow |
| | | 23 Turkey Hill Rd N | 10/24/2019 | 1545 | yes | good | no | NA | | | | | | | | | 15" Plastic pipe discharging thru wingwall |
| | 196 | 23 Turkey Hill Rd N | 10/24/2019 | 1545 | yes | good | no | NA | | | | | | | | | 15" concrete pipe discharge thru southern wingwall |
| | 197 | 23 Turkey Hill Rd N | 10/24/2019 | 1548 | yes | good | no | NA | | | | | | | | | 15" RCP direct discharge to creek - invert submerged 25% - upstream basins dry |
| | | Hillandale Rd - old | 12/20/2022 | 1217 | yes | good | no | NA | | | | | | | | | 15" RCP in concrete headwall - discharge into swale; dry |
| | | 31 West Parish | 12/20/2022 | 1213 | yes | good | no | NA | | | | | | | | | 15" RCP in stone headwall - discharge directly to brook ; dry |
| | | 51 Center St | 12/20/2022 | 1204 | yes | good | no | NA | | | | | | | | | 15" RCP half submerged in standing water - basin dry |
| | | 29 Center St @ MB | 8/4/2021 | 1323 | no | good | no | NA | | | | | | | | | System discharges into culvert, upstream basins dry |
| | | 2 Brightfield Ln @MB | 8/4/2021 | 1322 | yes | poor | no | NA | | | | | | | | | Basins dry, pipe discharges into Muddy Brook wing wall -tree growing out of pipe |
| | 14 | 3 Chapel Hill | | | | | | | | | | | | | | | |
| | | 11 Iris Ln | | | | | | | | | | | | | | | |
| | | 17 Morningside Dr So | 8/4/2021 | 1220 | no | good | no | NA | | | | | | | | | Upstream basin dry - discharges blind into large culvert at Muddy Brook |
| | 195 | 28 Morningside Dr So | 8/4/2021 | 1243 | no | good | no | NA | | | | | | | | | No access to discharge across fenced property - basins dry |
| | 15 | 88 Hillandale Rd | 8/4/2021 | 1246 | yes | good | no | NA | | | | | | | | | 12" RCP discharging at downstream side of culvert - dry |
| 2 | | 104 Hillandale Rd | 12/17/2021 | 1235 | yes | good | yes | 5 gpm | ? | 452 | 0.2 | 12.7 | 0 | 0 | 0 | 921 | Stream flowing thru terminal basin - flow also coming from basin system |
| | | 4 Brightfield Ln | 8/4/2021 | 1310 | yes | good | no | NA | | | | | | | | | 24" RCP conveying stream across street and across private property |
| | 13 | 10 BrightfieldLn | 8/4/2021 | 1305 | no | buried | no | NA | | | | | | | | | Can not locate discharge into pond- buried; const of house-dewatering to basin |
| | 12 | 211 Greens FarmsRd | 4/15/2021 | 1113 | no | good | no | NA | | | | | | | | | 18" RCP discharge to existing brook that flows thru Nyla Farm |
| | | Nyla Farm Rd | 4/15/2021 | 1435 | no | leakoff | no | NA | | | | | | | | | Leakoff from Nyla Farm into Muddy Brook |
| **Pusy Willow Brook Watershed CT7000-18_01** | | | | | | | | | | | | | | | | | |
| | | 42 Whitney St | 9/15/2021 | 1013 | yes | basin full | no | NA | | | | | | | | | Basins feed into 12" RCP that conveys intermttent stream, dry |
| | | 37 Spicer Road | 9/26/2019 | 1145 | no | good | no | NA | | | | | | | | | Spicer Rd system drops blind into road crossing - basins dry |
| | 190 | 16 Beechwood Lane | 9/26/2019 | 1200 | no | good | no | NA | | | | | | | | | Easement across private property |
| | 49 | 2 Guyer Rd | 9/26/2019 | 1530 | no | good | no | NA | | | | | | | | | concrete pipe with no headwall - channel eroding |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 50 | 15 Valley Rd | 9/26/2019 | 1540 | no | good | no | NA | | | | | | | | | Easement across private property- no flow in terminal basin |
| | | 31 Valley Road | 12/19/2022 | 1306 | yes | good | no | NA | | | | | | | | | 18" RCP across private property -discharge to brook; basins dry |
| | | 7 High Street | 12/19/2022 | 1251 | yes | good | yes | 5gpm | | | | | | | | | discharges to pond thru 36" RCP in stone headwall - invert submerged -5 gpm |
| | | 95 Valley Road | 12/19/2022 | 1215 | no | good | no | NA | | | | | | | | | Could not locate an outfall - basins dry |
| | 51 | 42 Guyer Rd | 12/19/2022 | 1301 | yes | good | no | NA | | | | | | | | | 15" RCP invert 3" covered - basins dry |
| 2 | | 3 Windy Hill Road | 12/17/2021 | 1142 | no | good | yes | 1 gpm | ? | 531 | 0.3 | 11.4 | 0 | 0 | 0 | 2420 | 18" RCP half submerged in plunge pool |
| | | 21 Crescent Road | 9/15/2021 | 1135 | yes | good | no | NA | | | | | | | | | Crescent Rd system blind ties into large CMP - basins dry |
| 2 | | 36 Hillspoint Road | 12/17/2021 | 1214 | no | good | yes | 2 gpm | ? | 381 | 0.2 | 9.9 | 0 | 0 | 0 | 2420 | 16" CMP running along side of Iron Gate -discharge to swale |
| | | | 9/15/2021 | 1206 | yes | | | | | | | | | | | | |
| | | 50 Hillspoint Road | 9/15/2021 | 1212 | no | good | no | NA | | | | | | | | | Discharge to private property behind fence - basins dry |
| | | 107 Hillspoint Road | 9/15/2021 | 1245 | no | good | yes | 2 gpm | | | | | | | | | Outlet unknown - not able to locate outfall - come back in winter |
| | | Hillspoint Rd @ Metro | 9/15/2021 | 1305 | no | good | no | NA | | | | | | | | | Outlet not located -basins dry |
| | | 16 Hales Road | 12/19/2022 | 1315 | yes | fair | no | NA | | | | | | | | | 15"RCP discharge into plunge pool full of leaves - basins dry |
| | | 22 Hales Road | 12/19/2022 | 1312 | yes | fair | no | NA | | | | | | | | | 15" plastic pipe - area overgrown with vegetation - basins dry |
| | | 18 Mortar Rock | 12/20/2022 | 1151 | yes | poor | yes | 1-2 gpm | | | | | | | | | headwall collapsed - water perking out - no open pipe 1-2 gpm |
| | | 9 Pine Drive | 12/15/2022 | 1052 | yes | poor | yes | 1-2 gpm | | | | | | | | | 18" RCP submerged in standing water - small flow observed |
| | | 27 Park Lane | 12/20/2022 | 1122 | no | good | no | NA | | | | | | | | | No outfall located - behind fence on private property - basins dry |
| **Dead Mans Brook CT 7200-29 01** | | | | | | | | | | | | | | | | | |
| | | 21 Imperial Ave | 5/5/2022 | 1150 | yes | good | no | NA | | | | | | | | | 18" RCP dischargingthrough retaining wall into brook |
| | | 19 Imperial Ave | 5/5/2022 | 1151 | yes | good | no | NA | | | | | | | | | 18" RCP dischargingthrough retaining wall into brook |
| | | 15 Myrtle Ave | 5/5/2022 | 1208 | no | good | no | NA | | | | | | | | | no access to dicharge - blind tie into cuvert; no flow in upstream basins |
| | | 46 Evergreen Ave | 5/5/2022 | 1212 | yes | good | no | NA | | | | | | | | | 12" RCP discharge directly to brook, no flow |
| | | 10 Lone Pine Ln | 5/5/2022 | 1224 | yes | good | no | NA | | | | | | | | | Discharge through opening in retaining wall - no visible pipe, no flow |
| | | 7 Deerwood Road | 5/31/2022 | 1156 | yes | good | yes | 1 gpm | | | | | | | | | 18" RCP with small flow |
| | | 95 Roseville Road | 5/31/2022 | 1350 | no | unknown | no | NA | | | | | | | | | Outfall behind fence -no access, conveys stream so flow but nothing in basins |
| | | 117 Roseville Road | 5/31/2022 | 1203 | yes | good | no | NA | | | | | | | | | 24" RCP conveying stream across road, basins all dry |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 143 Roseville Road | 5/31/2022 | 1330 | yes | good | no | NA | | | | | | | | | 12" RCP at the bottom of the headwall |
| | | | | 1330 | yes | good | no | NA | | | | | | | | | 15"RCP newer pipe located higher in the headwall -dry |
| | | 6 Leslie Lane | 5/31/2022 | 1239 | yes | good | no | NA | | | | | | | | | 16" RCP discharge thru concrete headwall into stream, no flow |
| | | 42 Pumpkin Hill | 5/31/2022 | 1225 | yes | good | yes | 5 gpm | | | | | | | | | 36" RCP discharging into stream |
| | | 54 Colony Road | 4/21/2022 | 1246 | yes | good | no | NA | | | | | | | | | Basins cut into 30" RCP conveying streamacross roadway |
| | | 65 Colony Road | | | | | | | | | | | | | | | |
| | | 23 Joann Circle | 5/31/2022 | 1322 | yes | good | no | NA | | | | | | | | | Basins tie blind into 36" plastic culvert- half submerged in standing water |
| | | 10 Joann Circle | 5/31/2022 | 1248 | no | unknown | no | NA | | | | | | | | | Basins convey drainage toward #10 but no outfall located, basins dry |
| | | 8 Clover Lane | 5/31/2022 | 1307 | yes | good | no | NA | | | | | | | | | 15" RCP discharge into small creek, invert half covered with sediment, dry |
| | | 12 Reimer Road | 6/1/2022 | 1328 | yes | unknown | no | NA | | | | | | | | | Basins dry - discharge blind into a concrete culvert - watercourse heavy silt |
| | 55 | 9 Pleasant Valley | 6/1/2022 | 1310 | no | buried | no | NA | | | | | | | | | 15" plastic pipe discharges toward pond but no outfall located - dry |
| | 54 | 19 Pleasant Valley | 6/1/2022 | 1314 | yes | good | no | NA | | | | | | | | | 18" concrete pipe stone slope pavement |
| | 211 | 1 Pleasant Valley | 6/1/2022 | 1259 | yes | good | no | NA | | | | | | | | | 18" concrete pipe in stone headwall |
| | 26 | 100 North Ave | 6/1/2022 | 1254 | yes | good | yes | 5gpm | | | | | | | | | 18" concrete pipe in stoneheadwall |
| | 27 | 100 North Ave | 6/1/2022 | 1253 | yes | good | no | NA | | | | | | | | | leak-off in masonry headwall with #26 |
| | | 2 Melon Patch Ln | 6/1/2022 | 1243 | no | good | no | NA | | | | | | | | | 15" HDPE pipe discharge just west of headwall -buried in wild rose - dry |
| | 44 | 134 Cross Highway | 6/1/2022 | 1225 | yes | good | yes | 5gpm | | | | | | | | | 36" RCP conveying steady flow into brook downstream of culvert |
| | | | 6/1/2022 | 1235 | yes | good | no | NA | | | | | | | | | 15" RCP discharging thru headwall - just two basins , dry |
| | 35 | 11 Vineyard Lane | 5/17/2022 | 1139 | yes | good | no | NA | | | | | | | | | 15"RCP in headwall - from Bayberry side, no flow |
| | | | | 1140 | yes | good | yes | 1 gpm | | | | | | | | | 18" RCP I headwall - some standing water 2" submerged - from James Ln |
| | 33 | 24 Vineyard Lane | 5/17/2022 | 1123 | yes | good | no | NA | | | | | | | | | 24"RCP in stone/concrete headwall, 25% buried in sediment -no flow upstream |
| | | 173 Bayberry Lane | 5/17/2022 | 1104 | yes | good | yes | 1 gpm | | | | | | | | | 18" RCP in headwall, small flow |
| | | 201 Bayberry Lane | 5/17/2022 | 1116 | no | good | no | NA | | | | | | | | | 15" RCP discharge into a small pond maintained by homeowner - no flow |
| | | 5 Apache Trail | 5/17/2022 | 1052 | yes | good | no | NA | | | | | | | | | 18" RCP in stone headwall, half full of debris - no flow |
| | | 15 Half Mile Common | 5/17/2022 | 1041 | no | buried | no | NA | | | | | | | | | No discharge located - buried? No flow in upstream basins |
| | | 18 Tupelo Road | 6/3/2022 | 1502 | yes | good | no | NA | | | | | | | | | 15" RCP in headwall - single basin - dry |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 Tupelo Road | 6/3/2022 | 1524 | yes | good | no | NA | | | | | | | | | 15" RCP half filled in standing water - upstread basins dry |
| | | 14 Cardinal Lane | 6/3/2022 | 1515 | yes | good | no | NA | | | | | | | | | 15" RCP into a concrete sluice that runs across yard to brook - dry |
| | | 4 Fernwood Road | 6/1/2022 | 1154 | yes | good | yes | 3gpm | | | | | | | | | 36" RCP discharge into brook, conveys stream from Cedar Gate |
| | | 3 Turtleback Lane | 6/1/2022 | 1114 | yes | good | no | NA | | | | | | | | | 15" RCP coming down road from Whitney St. - dry |
| | | 41 Whitney Street | 6/1/2022 | 1121 | yes | good | no | NA | | | | | | | | | two basins drop directly into culvert under roadway - dry |
| | | 21 DoverRoad | 6/1/2022 | 1215 | no | good | no | NA | | | | | | | | | Basin in cul-de-sac goes overland - outfall not located - basins dry |
| | | Peacefull Lane | 6/1/2022 | 1118 | no | good | no | NA | | | | | | | | | 18"RCP carrying stormwater from Whitney St into brook |
| **Saugatuck River Watershed LIS WB Inner-Saugatuck River CT 7200-00 01** | | | | | | | | | | | | | | | | | |
| | | 23 West Branch | 6/13/2022 | 1259 | yes | good | no | NA | | | | | | | | | 18" RCP in stone headwall - dry headwall undermining |
| | | 25 Ford Rd | 6/13/2022 | 1240 | yes | good | no | NA | | | | | | | | | 18" RCP flared end mid waay down embankment - dry. Heavy veg |
| | | 26 Ford Road | 6/13/2022 | 1229 | yes | good | no | NA | | | | | | | | | 24" RCP 25% full of sand - discharge in middle of embankment |
| | | 50 Ford Road | 6/13/2022 | 1245 | no | good | no | NA | | | | | | | | | 15" RCP discharge half way down embankment - heavy veg |
| | | 83 Clinton Ave | 6/13/2022 | 1216 | yes | good | yes | 2gpm | | | | | | | | | 30" HPDE new install. 2" standing water - flow coming down hill |
| | | 83 Red Coat Road | 6/13/2022 | 1334 | yes | good | no | NA | | | | | | | | | Manhole just off dirt cul-de-sac discharges down steep slope to river - dry |
| | | 6 Panhandle Lane | 6/13/2022 | 1324 | yes | good | yes | 2gpm | | | | | | | | | 15"{ pipe carries discharge across property to headwall at back |
| | | 2 River Lane | 6/13/2022 | 1355 | yes | good | no | NA | | | | | | | | | Brace of basins drop directly into culvert under roadway |
| | | 15 River Lane | 6/13/2022 | 1350 | no | good | no | NA | | | | | | | | | Brace of basins - dry- discharge across private property - outfall not located |
| | | 25 River Lane | 6/13/2022 | 1345 | no | good | no | NA | | | | | | | | | Brace of basins - dry- discharge across private property - outfall not located |
| | | 8 Bolton Lane | 10/18/2022 | 1510 | no | good | yes | 5gpm | | | | | | | | | 24" RCP conveying good flow down the street towar the river - no outfall found |
| | | 7 Woods Grove Rd | 10/18/2022 | 1455 | no | good | no | NA | | | | | | | | | Brace of basins - dry - not able to locate discharge |
| | | 39 Woods Grove Rd | 10/18/2022 | 1443 | yes | good | no | NA | | | | | | | | | 15" RCP coveys runoff from 2 basins in cul-de-sac |
| | | 5 Richmondville Ave | 10/18/2022 | 1355 | no | good | no | NA | | | | | | | | | 3 blind ties into the box culvert conveying Pussy Willow Brook |
| | | 7 Short Street | 10/18/2022 | 1414 | yes | good | no | NA | | | | | | | | | 15" RCP conveying discharge from Richmondville down Short Street |
| | | 41 Richmondville Ave | 10/18/2022 | 1438 | no | good | no | NA | | | | | | | | | Several basins with no outlet located - appears to flow southerly |
| | | 63 Richmondville Ave | 10/18/2022 | 1436 | yes | good | yes | 15 gpm | | | | | | | | | 18"RCP with considerable flow - very deep basin on Richmondville Ave |
| | | Imperial Ave @ Thomas | 10/28/2022 | 1122 | yes | good | no | NA | | | | | | | | | 36" RCP direct discharge to the river - dry |

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| | | Imperial Ave @ Eloise Ray | 10/28/2022 | 1149 | yes | good | no | NA | | | | | | | | | 12" plastic pipe - serves a brace of basins -dry |
| | | 9 Imperial Ave | 10/28/2022 | 1156 | yes | good | no | NA | | | | | | | | | 12" Plastic pipe - serves a single basin - dry |
| | | 18 Imperial Ave | 10/28/2022 | 1233 | yes | good | no | NA | | | | | | | | | West side of culvert - 15" RCP one-half submerged at mid tide |
| | | Imperial Ave @ Baker | 10/28/2022 | 1235 | no | NA | no | NA | | | | | | | | | Blind tie into box culvert - could not locate outfall - dry upstream |
| | | Sandhopper Tr | 10/28/2022 | 1219 | yes | good | no | NA | | | | | | | | | 36" RCP in 4" standing water- upstream basins dry |
| | | 15 Gault Ave | 10/28/2022 | 1223 | yes | good | yes | 8 gpm | | | | | | | | | 24" plastic pipe discharging over embankment - coming down from So Compo |
| | | Imperial Ave @ 136 | 10/28/2022 | 1230 | no | good | no | NA | | | | | | | | | 30"RCP system draining southern part of Imperial Ave to RT 136 - dry |
| | | 4 Ferry Lane | 10/28/2022 | 1305 | no | good | no | NA | | | | | | | | | Two basins discharge across Ferry lane directly to river - could not locate at HT |
| | | 485 Riverside Ave | 10/28/2022 | 1325 | no | good | no | NA | | | | | | | | | three basins drop directly into Bridge Bk culvert- blind. Basins dry |
| | | 18 Sylvan Rd So A | 8/16/2022 | 900 | no | good | no | NA | | | | | | | | | 15" RCP on East side of Stony Brook servicing two basins |
| | | 18 Sylvan Rd So B | 8/16/2022 | 905 | no | good | no | NA | | | | | | | | | 30 " RCP on West side of Stony Brook servicing several basins up the hill |
| | | 18 Sylvan Rd So C | 8/16/2022 | 910 | no | good | no | NA | | | | | | | | | 18" RCP on West side of Stony Brook servicing ony a singe basin up the hill |
| | | 3 Treadwell Ave | 10/28/2022 | 1343 | no | good | no | NA | | | | | | | | | Blind tie into double CMP culvert - basins dry - |
| | | 9 Treadwell Ave | 10/28/2022 | 1335 | yes | good | no | NA | | | | | | | | | 30" CMP culvert under roadway - brace of basins tie blind - dry |
| | | 56 Kings Hwy So | 10/28/2022 | 1355 | no | good | no | NA | | | | | | | | | Could not locate a discharge - blind across Birchwood Cty Club basins dry |
| | | 42 Kings Hwy So | 10/28/2022 | 1408 | yes | good | no | NA | | | | | | | | | Basin drops blind into 30" CMP that crosses roadway - basins dry |
| | | 15 Wright Street | 11/4/2022 | 1121 | no | good | no | NA | | | | | | | | | Basins discharge into PRW system - basins dry |
| | | 65 Kings Hwy No | 11/4/2022 | 1134 | no | good | no | NA | | | | | | | | | Basins discharge in Stony Brook - basins dry |
| | | 6 Edge Hill Lane | 11/4/2022 | 1141 | yes | good | no | NA | | | | | | | | | Basins drop into 36" culvert under the roadway - basins dry |
| | | 108 Kings Hwy No | 11/4/2022 | 1152 | yes | good | no | NA | | | | | | | | | Basins drop into 50" CM squash pipe - system dry |
| | | Ivy Knoll | 11/4/2022 | 1212 | no | good | no | NA | | | | | | | | | 4 Basins discharge into State system on RT 33 - system dry |
| | | Wilton Terrace | 11/4/2022 | 1217 | no | good | no | NA | | | | | | | | | 3 Basins discharge into State system on RT 33 - system dry |
| | | 38 Red Coat Road | 11/4/2022 | 1230 | yes | good | no | NA | | | | | | | | | 3 basins on Red Coat Rd discharge thru 15" plastic pipe on Manor Dr - dry |
| | | 12 Mayflower Pkw | 12/2/2022 | 1129 | yes | good | no | NA | | | | | | | | | 12" RCP discharging into plunge pool - invert 2"submerged - basins dry |
| | | 28 Jennie Lane | 12/2/2022 | 1145 | yes | good | no | NA | | | | | | | | | 15" RCP one-half submerged in standing water - basins dry |
| | | 22 Jennie Lane | 12/2/2022 | 1157 | yes | good | no | NA | | | | | | | | | 12" RCP discharging at stone headwall - outfall under water - upstream basins dry |
| | | 277 Compo Rd So | 12/2/2022 | 1208 | yes | good | no | NA | | | | | | | | | 15" RCP quarter buried in sediment - two basins dry |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 280 Compo Rd So | 12/2/2022 | 1214 | yes | good | yes | 3-4 gpm | | | | | | | | | 48" tide gate with significant flow |
| | | Compo Beach Rd @ Quentin | 12/2/2022 | 1220 | yes | poor | no | NA | | | | | | | | | 15" tide gate - gate frozen - system dry |
| | | Compo Beach Rd @ Roosevelt | 12/2/2022 | 1226 | yes | good | no | NA | | | | | | | | | 12" tide gates - both systems dry |
| | | 53 Compo Beach Rd | 12/2/2022 | 1233 | yes | good | yes | 2-3 gpm | | | | | | | | | 30" Red Valve tide gate- small flow |
| | | Compo Rd So @ Sounsview | 12/2/2022 | 1254 | yes | poor | no | NA | | | | | | | | | 48" Re Valve buried in sand - not functional |
| | | 51 Bermuda Road | 12/2/2022 | 1101 | yes | fair | no | NA | | | | | | | | | 15" RCP - pipe displaced within tidal zone - only accessible at mid tide- no flow |
| | | 45 Bermuda Road | 12/2/2022 | 1104 | yes | fair | no | NA | | | | | | | | | 15"RCP - pipe displaced within tidal zone - only accessible at mid tide - no flow |
| | | 2 Surf Road | 12/2/2022 | 1054 | yes | good | yes | 1-2 gpm | | | | | | | | | 24" RCP only accessible at mid-tide - small flow |
| | | 10 Belaire Drive | 12/8/2022 | 1103 | yes | good | yes | 3-4 gpm | | | | | | | | | 15" RCP discharging into wetland -good flow but invert under 3" of water |
| | | 7 Eno Lane | 12/8/2022 | 1129 | yes | poor | no | NA | | | | | | | | | 15" RCP in concrete headwall - buried in leaf accumulation -notified landscaper to correct |
| | | 15 Eno Lane | 12/8/2022 | 1117 | yes | good | no | NA | | | | | | | | | 18" RCP in concrete headwall serving 2 basins in front of #15 - dry |
| | | 17 Eno Lane | 12/8/2022 | 1117 | yes | good | no | NA | | | | | | | | | 18" RCP in concrete headwall - servicing cul-de-sac dry |
| | | Sunrise Road | 12/8/2022 | 1139 | no | good | no | NA | | | | | | | | | 15" RCP system ties into Saugatuck Ave system - basins dry |
| | | Quartermile Road | 12/8/2022 | 1315 | no | good | no | NA | | | | | | | | | Very deep system- dry but could not locate an outfall - possibly a drywell |
| | | Tranquility Lane | 12/15/2022 | 1039 | no | good | no | NA | | | | | | | | | 8 basins - dry- discharge intoRT 136 system |
| | | OverRock Lane | 12/15/2022 | 1046 | no | good | no | NA | | | | | | | | | 4 basins -dry- discharge into RT 136 system |
| | | Park Lane | 12/15/2022 | 1101 | no | good | no | NA | | | | | | | | | 4 basins - dry- discharge into RT 136 system |
| | | 9 Stone Drive | 12/15/2022 | 1110 | yes | good | no | NA | | | | | | | | | 12" RCP discharging over embankment from a single basin - dry |
| | | 12 Birchwood Lane | 12/15/2022 | 1430 | yes | good | no | NA | | | | | | | | | 18"RCP outfall submerged 2-3" in standing water - upstream basins dry |
| | 174 | 31 Hogan Trail | 10/24/2019 | 1506 | yes | good | no | NA | | | | | | | | | 12" RCP coming down the hill from the east -outfall partially submerged - basins dry |
| | 222 | 31 Hogan Trail | 10/24/2019 | 1520 | yes | good | no | NA | | | | | | | | | 12" RCP coming from cul-de-sac; outfall partially submerged - basins dry |
| **New Creek Watershed** | | | | | | | | | | | | | | | | | |
| | xxx | 253 Greens farms Rd | 10/18/2019 | 1231 | yes | good | no | NA | | | | | | | | | 15" concrete pipe discharge into stone sluiceway |
| | **xxx** | Beachside Ave | 10/18/2019 | 1334 | yes | good | no | NA | | | | | | | | | 12" corragated metal pipe running across road discharge to marsh |
| | | at New Creek | | | | | | | | | | | | | | | |
| **Mill Creek Watershed** | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 38 | 59 Beachside Ave | 10/18/2019 | 1317 | yes | poor | no | NA | | | | | | | | | 12" corragated metal pipe in large masonry headwall - severly corroded |

**2.2 Wet weather sample and inspection data**

This sampling data is the baseline wet weather priority catchment investigation sampling. For details on this requirement, visit https://nemo.uconn.edu/ms4/tasks/monitoring.htm. Refer to the green column of the Monitoring comparison chart and the IDDE catchment investigation flowchart.

Provide baseline sample data for outfalls and key junction manholes of any catchment area (all high priority, low priority, and problem outfalls within the priority area) with at least one System Vulnerability Factor. **You may also attach an excel spreadsheet with the same data rather than copying it to this table.** If you do attach a spreadsheet, please write "See Attachment" below.

| Outfall / Interconnection ID | Latitude / Longitude | 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)

For details on this requirement, visit www.nemo.uconn.edu/ms4/tasks/monitoring.htm. Refer to the green column of the Monitoring comparison chart and the IDDE catchment investigation flowchart.

**3.1 System Vulnerability Factor Summary**

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

| Outfall ID | Receiving Water | System Vulnerability Factors |
|---|---|---|

Where SVFs are:

1. History of SSOs, including, but not limited to, those resulting from wet weather, high water table, or fat/oil/grease blockages.
2. Sewer pump/lift stations, siphons, or known sanitary sewer restrictions where power/equipment failures or blockages could readily result in SSOs.
3. Inadequate sanitary sewer level of service (LOS) resulting in regular surcharging, customer back-ups, or frequent customer complaints.
4. Common or twin-invert manholes serving storm and sanitary sewer alignments.
5. Common trench construction serving both storm and sanitary sewer alignments.

6. Crossings of storm and sanitary sewer alignments.
7. Sanitary sewer alignments known or suspected to have been constructed with an underdrain system;
8. Sanitary sewer infrastructure defects such as leaking service laterals, cracked, broken, or offset sanitary infrastructure, directly piped connections between storm drain and sanitary sewer infrastructure, or other vulnerability factors identified through Inflow/Infiltration Analyses, Sanitary Sewer Evaluation Surveys, or other infrastructure investigations.
9. Areas formerly served by combined sewer systems.
10. Any sanitary sewer and storm drain infrastructure greater than 40 years old in medium and densely developed areas.
11. Widespread code-required septic system upgrades required at property transfers (indicative of inadequate soils, water table separation, or other physical constraints of the area rather that poor owner maintenance).
12. History of multiple local health department or sanitarian actions addressing widespread septic system failures (indicative of inadequate soils, water table separation, or other physical constraints of the area rather that poor owner maintenance).

### 3.2 Key junction manhole dry weather screening and sampling data

This screening is the dry weather priority catchment investigation screening. Provide sample data, both baseline and follow-up, for key junction manholes of any catchment area begin investigated for an illicit discharge and do not have any SVFs present. Follow-up investigations must take place within one year and again within five years. **You may also attach an excel spreadsheet with the same data rather than copying it to this table**. If you do attach a spreadsheet, please write "See Attachment" below.

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

### 3.3 Wet weather follow-up investigation outfall sampling data

This sampling is the follow-up investigations for the wet weather priority catchment investigation. Provide follow-up sample data for outfalls and key junction manholes of any catchment area with at least one System Vulnerability Factor. Follow-up investigations must take place within one year and again within five years. **You may also attach an excel spreadsheet with the same data rather than copying it to this table.** If you do attach a spreadsheet, please write "See Attachment" below.

| Outfall ID | Latitude / Longitude | 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 3-16-23 |
| Print name: Jennifer S. Tooker, First Selectwoman | Print name: Peter A. Ratkiewich P.E. |
| Signature / Date: 3.16.2023 | Signature / Date: |
| Email: jtooker@westportct.gov | Email: pratkiewich@westportct.gov |