

**MS4 General Permit  
Town of Glastonbury, Connecticut 2025 Annual Report**

**Existing MS4 Permittee  
Permit Number GSM 000057**

**January 1, 2025 – December 31, 2025**

**Primary MS4 Contact:**

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This report documents the Town of Glastonbury, Connecticut’s efforts to comply with the conditions of the MS4 General Permit to the maximum extent practicable (MEP) from January 1, 2025 to December 31, 2025.

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

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

**1.1 BMP Summary**

| <b>BMP</b>  | <b>Activities in current reporting period</b>   | <b>Source Used (If applicable)</b> | <b>Method of Distribution</b> | <b>Audience / Number of people reached</b>      | <b>Measurable Goal</b>  | <b>Department / Person Responsible</b> | <b>Additional details</b>                                    |
|---|---|------------------------------------|-------------------------------|---|---|--|--|
| <b>1-1 Implement public education and outreach</b>                | 1. Stormwater Pollution Prevention page located on the Town of Glastonbury’s Engineering Division web site has been updated as required.<br>2. Stormwater Pollution Prevention social media campaign initiated through Town Facebook page.  |                                    | Website<br><br>Social Media   | Website users<br><br>700-1,000 viewers per post | Compliance with Section 6(a)(1) of the current General Permit         | Engineering Division                   | Social Media campaign graphics are included in Attachment A. |
| <b>1-2 Address education/ outreach for pollutants of concern*</b> | 1. Included bacteria related information on Town web site and other public ed. Materials.<br>2. Glastonbury’s Health Department has continuously provided information to residents related to septic systems/maintenance located on the web page under Subsurface Sewage/Septic System Basics for Homeowners. |                                    | Website                       | Website users                                   | Compliance with Section 6(a)(1)(C)(iii) of the current General Permit | Engineering Division                   |  |

|  |   |  |                          |   |   |   |  |
|--|---|--|--------------------------|---|---|---|--|
|  |   |  |                          |   |   |   |  |
|  | 3. Distributed pet waste brochures with Dog Licenses.                                   |  | Brochure                 | 242 brochures were issued in 2025 with new dog licenses | Compliance with Section 6(a)(1)(C)(iii) of the current General Permit | Town Clerk / Engineering Division                       | Brochures were distributed with new dog licenses.  |
| <b>Additional BMP:<br/>1-3 Public Education and Outreach</b> | 1. Town Staff and Regional Group participated in the Salmon River Watershed Partnership |  | Website, email, mailings | Regional Population                                     |   | Office of Community Development / Environmental Planner | The 2025 Salmon River Watershed Partnership Outreach & Monitoring Activities Related to Stormwater & Water Quality Report is attached in Attachment A. |

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

- 1-1. Provide additional updates to the Stormwater Pollution Prevention page located on the Town of Glastonbury's Engineering Division web site as necessary.
- 1-2. Continue distribution of printed pet waste management brochures in conjunction with new dog licenses.
- 1-3. Continue staff membership and involvement in the Salmon River Watershed Partnership.
- 1-4. Continue working with communications department to post timely news items in the spring related to stormwater pollution prevention awareness using the Town website and social media accounts.

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

### 2.1 BMP Summary

| BMP   | Status<br>(Complete, Ongoing, In Progress, or Not Started) | Activities in current reporting period | Measurable Goal  | Department / Person Responsible  | Date completed or projected completion date  | Location Posted  | Additional details  |
|---|--|--|--|--|--|--|---|
| <b>2-1 Final Stormwater Management Plan publicly available</b>                          | Ongoing  | No activity.                           | Compliance with Section 4(d)(2) and Section 6(a)(2)(A) of the General Permit | Engineering Division   | July 1, 2017   | <a href="#">Website link to SWMP</a>   | Stormwater Management Plan was issued for review on May 8, 2017 and Finalized July 1, 2017  |
| <b>2-2 Comply with public notice requirements for Annual Reports (annually by 2/15)</b> | In Progress  | Postings on Town website completed.    | Compliance with Section 4(d)(2) and Section 6(a)(2)(A) of the General Permit | Engineering Division   | January 31, 2025 (Notice on Website)<br>February 15, 2025 (draft report posted)<br>April 1, 2025 (TBD submitted to DEEP)   | Town website   |   |
| <b>Additional BMP:<br/>2-3 Public Participation</b>                                     | Ongoing /Yearly  | See additional details.                | Allows residents to properly dispose of Household Hazardous Wastes           | Sanitation/Refuse Division   | March 15, 2025<br>April 12, 2025<br>May 17, 2025<br>June 14, 2025<br>July 16, 2025<br>September 13, 2025<br>October 11, 2025<br>November 1, 2025<br>February 7, 2026 | <a href="http://manchesterct.gov">Household Hazardous Waste Collection Town of Manchester (manchesterct.gov)</a> | Participated in the Capitol Region East Operating Committee (CREOC) Household Hazardous Waste Collection days.  |
| <b>Additional BMP:<br/>2-4 Public Participation</b>                                     | Ongoing /Yearly  | Town Staff participation               | Preserve the integrity of the 96,000 Acre Salmon River Watershed             | Office of Community Development and Environmental Department/<br>Environmental Planner | Yearly Membership and town staff representation  | <a href="#">Salmon River Watershed Partnership Website link</a>  | The 2025 Salmon River Watershed Partnership Outreach & Monitoring Activities Related to Stormwater & Water Quality Report is attached in Attachment A |

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

**2-3.** Annual participation in the Capitol Region East Operating Committee (CREOC) Household Hazardous Waste Collection days located adjacent to the Manchester Landfill on Olcott Street.

**2-4.** Continued staff membership and participation in the Salmon River Watershed Partnership.

**2-5.** The Land Heritage Coalition of Glastonbury, Inc. teamed up with Dr. Michael Dietz, Extension Educator at the University of Connecticut to present a program on ways to protect water quality in and around your home on January 24, 2024 at 7:00pm located at the Glastonbury Riverfront Community Center, 300 Welles Street.

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

#### 3.1 BMP Summary

| BMP  | Status<br>(Complete,<br>Ongoing,<br>In<br>Progress,<br>or Not<br>Started) | Activities in<br>current reporting<br>period | Measurable<br>Goal  | Department /<br>Person<br>Responsible | Date<br>completed or<br>projected<br>completion<br>date | Additional details   |
|--|---|--|---|---------------------------------------|---|--|
| <b>3-1 Develop written IDDE program (Due 7/1/19)</b>   | Completed   | No activity.                                 | Written plan of IDDE program                                  | Engineering Division                  | 2/1/2019  | IDDE Plan has been completed and is now available on the Town web site.  |
| <b>3-2 Develop list and maps of all MS4 stormwater outfalls in priority areas (Due 7/1/20)</b> | Completed   | No activity.                                 | Mapped outfalls and drainage system                           | Engineering Division                  | 7/1/2019  |  |
| <b>3-3 Implement citizen reporting program (Ongoing)</b>                                       | Ongoing   | No activity.                                 | Implement and track citizen reporting of stormwater pollution | Engineering Division                  | Ongoing throughout the duration of the permit           | Citizen reporting is available and can be found at: <a href="https://glastonburyct.qscend.com/311/request/add">https://glastonburyct.qscend.com/311/request/add</a><br><br>No pollution related complaints have been received via this system to date. |
| <b>3-4 Establish legal authority to prohibit illicit discharges</b>                            | Completed   | No activity.                                 | Establish legal authority to prohibit illicit discharges      | Engineering Division                  | 2010  | Illicit Discharge and Connection Stormwater Ordinance is located in <a href="#">Chapter 19, Article III, Sections 19-251 thru 19-275</a> .   |
| <b>3-5 Develop record keeping system for IDDE tracking</b>                                     | Completed   | No activity.                                 | Develop IDDE tracking tool                                    | Engineering Division                  | 7/1/2017  |  |
| <b>3-6 Address IDDE in areas with pollutants of concern</b>                                    | Ongoing   | See details.                                 | Identify and correct IDDE in areas with pollutants of concern | Engineering Division                  | Ongoing   |  |

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

The written program has been posted to the Town of Glastonbury’s Engineering Division web site.

Maintain master IDDE tracking spreadsheet and ensure all employees involved in IDDE program understand the logging process.

**3.3 Provide a record of all citizen reports of suspected illicit discharges occurring during the reporting period and SSO’s occurring July 2017 through the 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 and identified MS4.

| Location<br>(Lat long/ street crossing /address and receiving water) | Date and duration of occurrence                              | Discharge to MS4 or surface water  | Estimated volume discharged | Known or suspected cause / Responsible party   | Corrective measures planned and completed (include dates)   | Sampling data (if applicable) |
|--|--|--|-----------------------------|--|---|-------------------------------|
| 3025 Main Street   | 08/07/2017<br>1:00 P.M. to 5:00 P.M.                         | SSO- surcharged manhole-Pump Station                                     | Unknown                     | Mechanical equipment failure   | Burger King regional manager notified to evaluate and repair the reoccurring problem.<br><br>Repairs made to eliminate future overflows.                              | None                          |
| 28 Talcott Road  | 05/04/2017<br>6:38 P.M. to 7:15 P.M.                         | SSO- surcharged manhole/sewer main overflowed into catch basin           | Unknown                     | Grease blockage in sewer main  | Jetted and flushed sewer main.<br><br>Frequent inspection of town sewer main.   | None                          |
| 76-78 Hollister Way<br>South Meadow Hill Condominiums                | 12/18/2018<br>3:00 PM to 6:00 PM                             | SSO- sewer backup and overflow discharge in basement of private property | 250 Gallons                 | Blockage in Towns sewer line on Main Street due to pipe joint separation and soil infiltration | Sewer pipe joint was repaired and sewer line was flushed and televised by Highway Dept. staff to relieve blockage.  | None                          |
| 3025 Main Street   | 3/4/2019- 3:30pm Reported<br>3/4/2019- 6:00pm Bypass stopped | SSO- surcharged manhole-Pump Station                                     | 51-500 Gallons              | Grease blockage and mechanical equipment failure   | Local health department shut the restaurant down until appropriate repairs have been made as approved by Health Director and WPCF Superintendent under Order # 03-19. |                               |

|                                       |  |  |                               |  |   |      |
|---------------------------------------|--|--|-------------------------------|--|---|------|
| 120 Hebron Avenue<br>Eric Town Square | 7/30/2019<br>9:44 PM   | Restaurant<br>grease disposal<br>into an on-site<br>catch basin  | 25 Gallons                    | Employees<br>dumping grease<br>into a catch<br>basin   | Patron notified CTDEEP of incident. CTDEEP Case No. 2019-03568. CTDEEP personnel required property owner to hire a company to clean all effected on-site storm drainage pipes and structures. Notice of violation letter sent to property owner from the WPCA requiring tenants to educate their employees on proper grease disposal. | None |
| 2327-2233 Main<br>Street              | Identified in<br>2021, unknown<br>duration.                                    | Illicit Discharge<br>into MS4 storm<br>drainage<br>system on<br>Naubuc<br>Avenue.                                | Unknown                       | Cross connected<br>sewer lateral<br>into former<br>combined<br>system.                         | Sewer lateral for this property was disconnected from the drainage system (former combined sewer system) and reconnect to the sanitary sewer in August 2022 under E20-Annual Paving Program- Storm Drainage and Sanitary Sewer Rehabilitation Project 2022.   | None |
| 93 Curtis Road                        | 5/30/2021-<br>11:00pm<br>Reported<br>6/1/2021-<br>7:30am Bypass<br>stopped     | SSO- sewer<br>backup and<br>overflow<br>discharge in<br>basement of<br>private<br>property                       | 25± Gallons                   | Blockage was<br>from tree root<br>intrusion  | Town forces flushed the sewer main in the street and removed the tree root intrusion. Insurance claim was paid by the Town of Glastonbury.  | None |
| 38 Wyllys Street                      | 3/27/2022-<br>7:45pm<br>Reported<br>3/28/2022-<br>8:00am<br>Bypass stopped     | SSO- sewer<br>backup and<br>overflow<br>discharge at<br>manhole  | 2,700±<br>Gallons             | Blockage was<br>from grease  | Discovered by MDC Forces who notified Town of Glastonbury. Town maintenance staff cleared the sewer pipe with high pressure jet nozzle. CTDEEP Service Request 792.   | None |
| 13-15 Deming Road                     | 10/25/2022-<br>12:15pm<br>Reported<br>10/25/2022-<br>12:45pm<br>Bypass stopped | SSO- sewer<br>backup and<br>overflow<br>discharge at<br>manhole  | 150± Gallons                  | Blockage was<br>from rags  | Town maintenance staff cleared the sewer pipe with high pressure jet nozzle. CTDEEP Service Request 1654.   | None |
| 105 Nutmeg Lane                       | 7/25/2023-<br>12:15pm<br>Reported<br>7/25/2023-<br>5:30pm Bypass<br>stopped    | SSO- sewer<br>backup and<br>overflow<br>discharge at<br>manhole in the<br>FM from<br>Nutmeg Lane<br>Pump Station | 8,250 –<br>66,000±<br>Gallons | Blockage was<br>from tree root<br>intrusion<br>located in the<br>gravity sewer<br>main section | Town maintenance staff flushed the gravity sewer and removed the tree root ball. CTDEEP Service Request 3056.   | None |
| 29 Deming Road                        | 1/6/2024-<br>1:00pm<br>Reported<br>1/6/2024-                                   | SSO- sewer<br>backup and<br>overflow<br>discharge at<br>manhole  | 240± Gallons                  | Blockage was<br>from grease  | Town maintenance staff cleared the sewer pipe with high pressure jet nozzle. CTDEEP Service Request 5182.   | None |

|                      |   |   |              |  |  |      |
|----------------------|---|---|--------------|--|--|------|
|                      | 3:00pm Bypass stopped   |   |              |  |  |      |
| 76 Mill Street       | 9/21/2025-6:00am Reported<br>9/21/2025-10:00am Bypass stopped | SSO- sewer backup and overflow at manhole ID SALN-15430                         | <500 Gallons | Blockage was from a combination of rags, paper and roots | Town maintenance staff cleared the sewer pipe with high pressure jet and root cutter. CTDEEP Service Request 9931.   | None |
| 70-124 Hebron Avenue | 11/7/2025-12:30pm Reported<br>11/7/2025-2:30pm Bypass stopped | SSO- sewer lateral backup and overflow discharge at parking lot on-site manhole | <25 Gallons  | Blockage was from grease- Possible grease trap issue     | Private property back-up in parking lot. Wind River Environmental Services on-site for clean-up and exterior grease trap cleaning. CTDEEP Service Request 10113. | None |

**Note: Data listed above is derived from copies of a Sewage By-Pass Notification Report as submitted to State of Connecticut DEEP Bureau of Water Management.**

**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   |
|---|--|--|---|---|
| Health Department Septic System Repair Records<br><br>Engineering Division Records<br><br>CT DEEP Sewer By-Pass Notification Report | Angus Pond Residential Septic Systems within the drainage basin        | Within the Angus Pond drainage basin Health Department records indicate that 1 septic repair or replacement were done in 2025.                 | Angus Pond<br>DEEP Basin ID: 4009-00-2-L4         | <b>Health Department:</b><br>Director of Health<br>Wendy Mis, MPH, RS<br><br><b>Engineering Division:</b><br>Assistant Town Engineer<br>Patrick Boggs, P.E. |
| Health Department Septic System Repair Records<br><br>Engineering Division Records<br><br>CT DEEP Sewer By-Pass Notification Report | Connecticut River Residential Septic Systems within the drainage basin | Within the Connecticut River drainage basin Health Department records indicate that 3 septic system repairs or replacements were done in 2025. | Connecticut River<br>DEEP Basin ID: 4009-00-6-R16 | <b>Health Department:</b><br>Director of Health<br>Wendy Mis, MPH, RS<br><br><b>Engineering Division:</b><br>Assistant Town Engineer<br>Patrick Boggs, P.E. |

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

The Engineering Division has a spreadsheet to track illicit discharges that are reported to us and to the CT DEEP via the Sewage Bypass Notification Report process. This data is then included with the MS4 Annual Report. There are not many illicit discharges reported so the spreadsheet is functional for tracking purposes.

Yearly septic repairs are tracked in the Town of Glastonbury GIS webpage under the MS4 Permit Compliance Tab, Town of Glastonbury Data.

### 3.6 IDDE reporting metrics

| Metrics  |  |
|--|--|
| Estimated or actual number of MS4 outfalls                           | Approximately <b>976±</b> total outfalls   |
| Estimated or actual number of interconnections                       | <b>28</b> interconnections have been identified with ConnDOT drainage systems.   |
| Outfall mapping complete   | <b>100%</b> -Catch Basins/Manholes/<br>Pipes/Outfalls<br>Mapping can be found on the Town GIS System using the following link: <a href="#">Outfall Mapping</a> |
| Interconnection mapping complete                                     | <b>100%</b>  |
| System-wide mapping complete (detailed MS4 infrastructure)           | <b>100%</b>  |
| Outfall assessment and priority ranking for IDDE Plan                | <b>100% - See ATTACHMENT C</b>   |
| Dry weather screening of all High and Low priority outfalls complete | 1 Outfall was screened in 2024 for bacteria indicator using an ammonia test kit. 36 Outfalls were screened in 2023.  |
| Catchment investigations complete                                    | 0  |
| Estimated percentage of MS4 catchment area investigated              | 0  |

### 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 is it given (minimum once per year).

No IDDE work conducted in the past year. IDDE work has been on hold pending funding for necessary consultant support to perform additional required bacteria testing. IDDE work will be initiated in 2026 and associated training will be performed at that time.

## 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  |
|--|---|--|---|--|---|---|
| <b>4-1 Implement, upgrade, and enforce land use regulations or other legal authority to meet requirements of MS4 general permit (Due 7/1/22)</b> | Completed/Ongoing                                       | All proposed development projects were reviewed for compliance with land use regulations.                                | Implement, upgrade, and enforce land use regulations or other legal authority to meet requirements of MS4 general permit. | Office of Community Development and Environmental Department<br><br>Engineering Division<br><br>Building Inspection/Zoning Enforcement | Continued implementation  | Existing Land Use regulations related to the control of erosion and sediment from construction sites can be found in <a href="#">Section 19</a> of the Town Building - Zone Regulations and <a href="#">Section 15</a> of the Town Subdivision and Resubdivision Regulations. |
| <b>4-2 Develop/Implement plan for interdepartmental coordination in site plan review and approval (Ongoing)</b>                                  | Completed/Ongoing                                       | All proposed development plans were reviewed by various departments for conformance to the above referenced regulations. | Develop/Implement plan for interdepartmental coordination in site plan review and approval.                               | Engineering Division<br><br>Office of Community Development and Environmental Department<br><br>Building Inspection/Zoning Enforcement | Continued implementation  | See Stormwater Management Plan for additional details.  |
| <b>4-3 Review site plans for stormwater quality concerns (Ongoing)</b>   | Completed/Ongoing                                       | All proposed development plans were reviewed for conformance with stormwater quality best management practices.          | Review site plans for stormwater quality concerns.  | Engineering Division<br><br>Office of Community Development and Environmental Department   | Continued implementation  | See Stormwater Management Plan for additional details.  |
| <b>4-4 Conduct site inspections (Ongoing)</b>  | Completed/Ongoing                                       | E&S inspections and enforcement was conducted by Office of Office of Community Development staff.                        | Conduct site inspections  | Engineering Division<br><br>Office of Community Development and Environmental Department   | Continued implementation  |   |

|   |                   |  |   |  |                          |   |
|---|-------------------|--|---|--|--------------------------|---|
| <b>4-5 Implement procedure to allow public comment on site development (Ongoing)</b>                      | Completed/Ongoing | Public input is a regular part of all development application approvals.                                   | Implement procedure to allow public comment on site development       | Office of Community Development and Environmental Department                         | Continued implementation | See Stormwater Management Plan for additional details.  |
| <b>4-6 Implement procedure to notify developers about DEEP construction stormwater permit (Ongoing)</b>   | Completed/Ongoing | Notifications to developers were completed as part of conditions of approval for local regulatory permits. | Developers are all notified about DEEP construction stormwater permit | Engineering Division<br>Office of Community Development and Environmental Department | Continued implementation |   |
| <b>Additional BMP:<br/>4-7 Engineering Division plan review stormwater compliance checklist (Ongoing)</b> | Completed/Ongoing | Reviewed developments for compliance with our checklist.   | Standardize plan review related to stormwater compliance              | Engineering Division   | Continued implementation | Standardized internal plan review checklist for all proposed developments which includes stormwater management compliance parameters. |

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

- 4.1. Continued enforcement of land use regulations to meet requirements of MS4 general permit.
- 4.2. Continued interdepartmental coordination for the review and approval of all proposed development plans.
- 4.3. Continued review of all proposed development plans related to stormwater quality concerns.
- 4.4. Continued site inspections.
- 4.5. Continued implementation of the current procedure to allow public comment on site development.
- 4.6. Continued implementation of the current procedure to notify developers about DEEP construction stormwater permit.
- 4.7. Continued use of the internal plan review stormwater compliance checklist.

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

### 5.1 BMP Summary

| BMP  | Status<br>(Complete,<br>Ongoing,<br>In<br>Progress,<br>or Not<br>Started) | Activities in current<br>reporting period  | Measurable<br>Goal   | Department /<br>Person<br>Responsible  | Date completed<br>or projected<br>completion date<br>(Include the start<br>date for anything<br>that is “In<br>Progress”) | Additional details  |
|--|---|--|--|--|---|---|
| <b>5-1 Establish and/or update legal authority and guidelines regarding LID and runoff reduction in site development planning (Due 7/1/22)</b> | In progress   | No activity.   | Establish and/or update legal authority and guidelines regarding LID and runoff reduction in site development planning | Office of<br>Community<br>Development<br><br>Engineering<br>Division                               | In Progress.  | The Town will review the need for additional legal authority / regulations that may be required to meet the intent of this permit. See Stormwater Management Plan Section 5.1 for additional information.   |
| <b>5-2 Enforce LID/runoff reduction requirements for development and redevelopment projects (Due 7/1/22)</b>                                   | Ongoing/In progress   | LID and runoff reduction requirements have been implemented on all approved development projects over the past year. | Enforce LID/runoff reduction requirements for development and redevelopment projects.                                  | Office of<br>Community<br>Development<br><br>Engineering<br>Division                               | Ongoing.  | Current Town policy requires consideration of LID and runoff reduction measures as well as treatment of the appropriate portion of the Water Quality Volume for all development and redevelopment projects. |
| <b>5-3 Identify retention and detention ponds in priority areas</b>  | Completed   | No activity.   | Identify retention and detention ponds in priority areas.  | Engineering<br>Division  | Completed<br>7/1/2019   | 121 detention ponds have been mapped and are accessible via the GIS.  |
| <b>5-4 Implement long-term maintenance plan for stormwater basins and treatment structures</b>   | In progress   | Inspection and maintenance operations were performed on 5 detention ponds in 2024.                                   | Implement long-term maintenance plan for stormwater basins and treatment structures.                                   | Physical<br>Services/Highway<br>Division<br><br>Parks<br>Department<br><br>Engineering<br>Division | Underway,<br>maintenance<br>work is ongoing<br>and is a long-term<br>project.   | <b>GIS Pond ID # - Completed 2025:</b><br>OL70-1332 – January 2025<br>NE15-2231 – March 2025<br>NE15-2143 – March 2025<br>DO30-590 – December 2025<br>JU15-1508 – Fall 2025<br>CR20-1549- Fall 2025         |

|   |             |              |   |                      |   |  |
|---|-------------|--------------|---|----------------------|---|--|
|   |             |              |   |                      |   |  |
| <b>5-5 DCIA mapping</b>   | Completed   | No activity. | DCIA mapping / calculation  | Engineering Division | 7/1/2020  | The baseline DCIA for the entire Town was computed to be 1,094 acres out of a total of 2,622 acres of IC (exclusive of DOT Roads). These numbers were derived from DEEP sub-regional drainage basin data with IC values reports from 2012. See Attachment B for details. |
| <b>5-6 Address post-construction issues in areas with pollutants of concern</b> | In progress | No activity. | Address post-construction issues in areas with pollutants of concern. | Engineering Division | Continuously ongoing throughout the duration of the permit. | The Town of Glastonbury will prioritize problem areas for correction under minimum control measure 6 – Pollution Prevention/Good Housekeeping.   |

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

- 5-1.** Engineering will develop draft updates to the current Town regulations and policies to meet or exceed those LID and runoff reduction practices required under this permit and in accordance with the CT Stormwater Quality Manual, Glastonbury’s land use regulations, guidance or construction project requirements.
- 5-2.** Continued enforcement of LID/runoff reduction/water quality treatment on all approved development and redevelopment projects.
- 5-3.** Continue field inspections and maintenance of all municipality owned retention and detention ponds within the priority areas and throughout the entire town.
- 5-4.** Continue Implementation of a long-term maintenance plan for all municipally owned stormwater basins and treatment structures.
- 5-6.** Continued inspections to address construction issues in areas with pollutants of concern.

### 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) | 1,067.40 Acres   |
| DCIA disconnected (redevelopment plus retrofits)          | DCIA disconnected (approved projects)<br>Total to Date = 38.10 acres<br>2025- 1.44 acres<br>2024- 0.52 acres<br>2023- 4.99 acres<br>2022 – 1.25 acres<br>2021 - 3.71 acres<br>2020 –0.96 acres<br>2019 – 3.64 acres<br>2018 – 0.94 acres<br>2017 – 9.41 acres<br>2016 – 0.00 acres<br>2015 to 2011 – 11.24 acres |
| Retrofits completed                                       | 101 acre drainage area (4.04 acres DCIA) disconnected under Dug Road / Tryon Street Drainage Project, WQC-201206157.   |
| DCIA disconnected   | 3.9% total since 2012  |
| Estimated cost of retrofits                               | (unknown at this time)   |
| Detention or retention ponds identified                   | 121 ponds  |

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

DCIA for each local drainage basin area within the Town was computed using GIS based IC data provided by CTDEEP through the UCONN CLEAR / NEMO website. Each basin was characterized for the type of land-use contained therein and DCIA was computed using the Sutherland Equations and the basin IC (exclusive of the DOT Roads). See Attachment B for the Town of Glastonbury baseline DCIA calculation spreadsheet.

**Note:** A spreadsheet cell error was corrected in 2025 which resulted in percentage of disconnection decrease between 2023 and 2024.

## 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   |
|--|---|---|---|---|---|--|
| <b>6-1 Develop/implement formal employee training program (Ongoing)</b>                          | Completed/Ongoing                                       | Highway Department Training: February 2024<br><br>Parks Department Training: February 2024          | Develop/implement formal employee training program                          | Physical Services/Highway Division<br><br>Parks Department                                | Continuously ongoing throughout the duration of the permit.   | Training materials consist of generalized stormwater pollution prevention video, review of facility specific Stormwater Pollution Prevention Plans, and other department specific training related to specific maintenance activities (salt application, fertilizer application, etc). |
| <b>6-2 Implement MS4 property and operations maintenance (Ongoing)</b>                           | In progress   | Parks Dept. continued to implement guidelines to reduce fertilizer applications at Town Facilities. | Implement MS4 property and operations maintenance                           | Physical Services/Highway Division<br>Parks Dept.<br>Sanitation Dept.<br>Facilities Dept. | Ongoing/In Progress   | See Stormwater Management Plan for additional details.   |
| <b>6-3 Implement coordination with interconnected MS4s (Ongoing)</b>                             | In progress   | No activity in the current reporting period.  | Implement coordination with interconnected MS4s                             | Engineering Division  | As needed pending completion of testing and catchment investigations                                    | The Town of Glastonbury will coordinate with operators of interconnected MS4s as necessary if testing / investigation of catchment area determines need.   |
| <b>6-4 Develop/implement program to control other sources of pollutants to the MS4 (Ongoing)</b> | On going  | Nitrogen loading computations received for applications in the groundwater protection zones.        | Develop/implement program to control other sources of pollutants to the MS4 | Community Development / Environmental Planner   | On going  | Program to control nitrogen in GW protection Zones is in place. No other problematic pollutants identified for specific control at this time.  |

|  |                     |   |   |  |   |   |
|--|---------------------|---|---|--|---|---|
| <b>6-5 Evaluate additional measures for discharges to impaired waters* (Ongoing)</b> | In progress         | No activity in the current reporting period.  | Evaluate additional measures for discharges to impaired waters* | Engineering Division   | In progress   | Signage is in place at the dog park and other public parks regarding the need to pick up pet waste. Bags are also provided for use by pet owners. Additional measures will be considered. |
| <b>6-6 Track projects that disconnect DCIA (Ongoing)</b>                             | In progress/Ongoing | Tracking spreadsheet updated with developments approved in 2024.  | Track projects that disconnect DCIA                             | Engineering Division   | In progress   | Based on current tracking statistics approximately 38.1 acres of DCIA will be disconnected as part of an approved project through December 2025.  |
| <b>6-7 Implement infrastructure repair/rehab program (Ongoing)</b>                   | In progress         | No activity in the current reporting period.  | Implement infrastructure repair/rehab program                   | Engineering Division<br><br>Physical Services/Highway Division | No progress to date. Identification of problem areas is pending additional stormwater testing | The Town of Glastonbury will continue a program to identify MS4 structures to repair, rehabilitate, or upgrade to reduce or eliminate the discharge of pollutants into water bodies.      |
| <b>6-8 Develop/implement plan to identify/prioritize retrofit projects</b>           | In progress/Ongoing | Framework developed to evaluate existing detention/retention ponds and determine capacity to retrofit and increase disconnection. | Develop/implement plan to identify/prioritize retrofit projects | Engineering Division<br><br>Physical Services/Highway Division | In progress   | 2% DCIA reduction has already been achieved within the permit period mostly through redevelopment projects. The Town will continue to develop post-permit disconnection plan.             |
| <b>6-9 Implement retrofit projects to disconnect 2% of DCIA</b>                      | In progress/Ongoing | No activity in the current reporting period.  | Implement retrofit projects to disconnect 2% of DCIA            | Engineering Division<br><br>Physical Services/Highway Division | In progress   | 2% goal has already been met. Retrofit projects are being evaluated for future disconnection of DCIA  |

|   |                |  |   |   |  |  |
|---|----------------|--|---|---|--|--|
| <p><b>6-10</b><br/>Develop/implement street sweeping program (Ongoing)</p>      | <p>Ongoing</p> | <p>1,038 curb miles were swept in 2024 and approximately 1,286 CY of material was collected and disposed of.</p>   | <p>Develop/implement street sweeping program</p>      | <p>Physical Services/Highway Division</p> | <p>On going</p>                                      |  |
| <p><b>6-11</b><br/>Develop/implement catch basin cleaning program (Ongoing)</p> | <p>Ongoing</p> | <p>All catch basins were inspected annually for blocked grates and structural problems.</p>  | <p>Develop/implement catch basin cleaning program</p> | <p>Physical Services/Highway Division</p> | <p>Ongoing throughout the duration of the permit</p> | <p>Approximately 6,722 catch basins were inspected and 206 were cleaned as part of the annual paving program in 2025 and based on locations where routine sediment buildup has been noted. See 6.4 for more information.</p>   |
| <p><b>6-12</b><br/>Develop/implement snow management practices (Ongoing)</p>    | <p>Ongoing</p> | <p>Approximately 35,804 lane miles were treated with the use of computer controlled spreaders with ground speed control to meter amount of material applied and automatically stops application when truck stops moving.</p> | <p>Develop/implement snow management practices</p>    | <p>Physical Services/Highway Division</p> | <p>Ongoing throughout the duration of the permit</p> | <p>Snow and ice management training implemented for every storm event, management directs employee's when to apply salt for pre-treating and during a winter event. Spreaders are set to apply 350-500 lbs./lane mile. Flat routes set at 350 lbs /lane mile while higher hilly terrain set at 500lbs/lane mile.</p> |

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

- 6-1. Continue training program in 2026.
- 6-2. Continued implementation of MS4 property and operations maintenance.
- 6-3. Coordinate with interconnected MS4s including ConnDOT as necessary based on outfall testing and catchment investigations.
- 6-4. Determine the need for control of other sources of pollutants.
- 6-6. Continued tracking of projects that disconnect DCIA.

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

| Metrics  |  |
|--|--|
| Employee training provided for key staff   | Parks Dept. staff – February, 2025<br>Highway Dept. staff – February, 2025 |
| Street sweeping  |  |
| Curb miles swept   | 1,344 miles  |
| Volume (or mass) of material collected   | 1,106 C.Y.   |
| Catch basin cleaning   |  |
| Total catch basins in priority areas   | 6,373 ±  |
| Total catch basins in MS4  | 6,772 ±  |
| Catch basins inspected   | 6,722±   |
| Catch basins cleaned   | 295 (4.3% of MS4 CBs)  |
| Volume (or mass) of material removed from all catch basins   | 118 C.Y.   |
| Volume removed from catch basins to impaired waters (if known)   | Unknown  |
| Snow management  |  |
| Type(s) of deicing material used   | Treated Salt Blend   |
| Total amount of each deicing material applied  | 5,103 Tons Highway Dept.<br>Approx. 500 lbs/ 10 Bags- Parks Dept.          |
| Type(s) of deicing equipment used  | Computerized Spreaders with ground speed control<br>(Highway Dept. Only)   |
| Lane-miles treated   | 33,658 lane miles  |
| Snow disposal location (when required)   | Riverfront Park-200 Welles Street  |
| Staff training provided on application methods & equipment   | Yes-Implemented for every storm event (Parks and Highway Dept.)            |
| Municipal turf management program actions (for permittee properties in basins with N/P impairments)                      |  |
| Reduction in application of fertilizers (since start of permit)  | N/A  |
| Reduction in turf area (since start of permit)   | N/A  |
| Lands with high potential to contribute bacteria (dog parks, parks with open water, & sites with failing septic systems) | Glastonbury Riverfront Dog Park-Welles Street                              |
| Cost of mitigation actions/retrofits   | N/A  |

#### 6.4 Catch basin cleaning program

**Provide any updated or modifications to your catch basin cleaning program.**

Catch basins are routinely inspected when debris is removed from top grates before all significant rain events. Thorough full depth inspections/vacuum cleaning conducted on all basins located in annual paving program areas, all repairs/rebuilds noted and completed before paving begins. Basins identified as needing regular maintenance/cleaning are placed on a routine annual or semi-annual cleaning.

The Town investigated using GIS to track the number of catch basins cleaned and quantities of material removed in the field by Highway Department Staff but this was found to not be practical at this time based on current operational methodologies.

#### 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.**

At this time, the 2% DCIA disconnection goals has been met due to the pace of redevelopment projects currently underway in Town. The Town is currently developing a program to evaluate the 121 detention ponds that are maintained by the Town. The capacity of the basins will be evaluated, along with the potential to route additional impervious area to each basin. The basins will then be prioritized based on their potential for retrofits.

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

The Town anticipates that the 1% DCIA annual disconnection goal will be achieved by redevelopment projects alone. However, as described above, the Town is being proactive in identifying stormwater detention ponds that could be retrofitted to manage additional impervious areas.

## Part II: Impaired waters investigation and monitoring

### 1. Impaired waters investigation and monitoring program

1.1 Indicate which stormwater pollutant(s) of concern occur(s) in your municipality or institution. This data is available on the MS4 map viewer: <http://s.uconn.edu/ctms4map>.

Nitrogen/ Phosphorus       Bacteria       Mercury       Other Pollutant of Concern

#### 1.2 Describe program status.

Discuss 1) the status of monitoring work completed, 2) a summary of the results and any notable findings, and 3) any changes to the Stormwater Management Plan based on monitoring results.

Glastonbury has two impaired water bodies including Angus Pond and the Connecticut River, both of which are impaired due to bacteria. 25 outfalls were identified that drain directly to these water bodies. All 25 of these outfalls were sampled for lab testing in 2020 by Anchor Engineering and again in 2024 by Atlas Technical Consultants. Wet weather outfall sampling was not performed in 2021, 2022 and 2023. Results of the lab testing from 2020 and 2024 are summarized in an attachment. 6 highest priority outfalls have been identified for follow up testing as required by the permit. 1 additional outfall on Naubuc Avenue was identified during recent mapping reviews and will be tested for the first time. 13 total outfalls were flagged for follow up IDDE efforts to identify potential pollutant sources, including the 6 highest priority outfalls previously mentioned and 7 other outfalls that had at least 1 test outside the required range. 11 outfalls had bacteria levels below required thresholds for two consecutive tests and will not be pursued further.

Initial focus will be on high priority sites on Naubuc Avenue due to many historic properties with possibility of cross connections between sewer and storm. Riverfront Park will also be an area of focus to assess ground areas for possible contamination sources.

### 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](http://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.

| Outfall ID             | Latitude/<br>Longitude | Sample date | Parameter<br>(Nitrogen,<br>Phosphorus,<br>Bacteria, or Other<br>pollutant of<br>concern) | Results | Name of<br>Laboratory (if<br>used) | Follow-up required? |
|------------------------|------------------------|-------------|--|---------|------------------------------------|---------------------|
| See<br>Attachment<br>D |                        |             |  |         |                                    |                     |

| Pollutant of concern        | Pollutant threshold  |
|-----------------------------|--|
| Nitrogen                    | Total N > 2.5 mg/l   |
| Phosphorus                  | Total P > 0.3 mg/l   |
| Bacteria (fresh waterbody)  | <ul style="list-style-type: none"> <li>E. coli &gt; 235 col/100ml for swimming areas or 410 col/100ml for all others</li> <li>Total Coliform &gt; 500 col/100ml</li> </ul>   |
| Bacteria (salt waterbody)   | <ul style="list-style-type: none"> <li>Fecal Coliform &gt; 31 col/100ml for Class SA and &gt; 260 col/100ml for Class SB</li> <li>Enterococci &gt; 104 col/100ml for swimming areas or 500 col/100 for all others</li> </ul> |
| 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.

The systems listed below tested above the allowable levels of bacteria on at least 1 of the two rounds of wet weather sampling and lab testing performed by the Town. These systems and catchment areas will be reviewed for possible sources of contamination in 2026.

| Outfall    | Status of drainage area investigation | Control measure implementation to address impairment |
|------------|---------------------------------------|--|
| NA25-2919  | LAB TEST, IDDE SCHEDULED FOR 2026     |  |
| NA25-3213  | LAB TEST, IDDE SCHEDULED FOR 2026     |  |
| NA25-3425  | LAB TEST, IDDE SCHEDULED FOR 2026     |  |
| NA25-4481  | LAB TEST, IDDE SCHEDULED FOR 2026     |  |
| RFBH-010   | IDDE SCHEDULED FOR 2026               |  |
| RFBH-044   | IDDE SCHEDULED FOR 2026               |  |
| RPPK-018   | IDDE SCHEDULED FOR 2026               |  |
| MA-8193    | IDDE SCHEDULED FOR 2026               |  |
| ST35-1046  | IDDE SCHEDULED FOR 2026               |  |
| TR30-1130  | LAB TEST, IDDE SCHEDULED FOR 2026     |  |
| TR30-5308  | IDDE SCHEDULED FOR 2026               |  |
| TR30-10480 | LAB TEST, IDDE SCHEDULED FOR 2026     |  |
| RT83-19028 | IDDE SCHEDULED FOR 2026               |  |

#### 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.

2021, 2022, 2023, and 2025 Testing was not performed at these outfalls.

| Outfall    | Sample Date | Parameter(s) | Results           | Name of Laboratory (if used) |
|------------|-------------|--------------|-------------------|------------------------------|
| NA25-2919  | 4/2024      | Enterococci  | 3,080 MPN/100 mls | Phoenix Labs                 |
| NA25-3213  | 4/2024      | Enterococci  | 1,330 MPN/100 mls | Phoenix Labs                 |
| NA25-3425  | 4/2024      | Enterococci  | 512 MPN/100 mls   | Phoenix Labs                 |
| NA25-4481  | 4/2024      | Enterococci  | 2,100 MPN/100 mls | Phoenix Labs                 |
| TR30-1130  | 4/2024      | Enterococci  | NO FLOW           | Phoenix Labs                 |
| TR30-10480 | 4/2024      | Enterococci  | 816 MPN/100 mls   | Phoenix Labs                 |
|            |             |              |                   |                              |
|            |             |              |                   |                              |
|            |             |              |                   |                              |
|            |             |              |                   |                              |

## 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<br>(DEEP Basin ID) | 2. Category       | 3. Rank      |
|------------------------------------|-------------------|--------------|
| SEE ATTACHED TABLE                 | FROM IDDE PLAN IN | ATTACHMENT C |

### 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.

| Outfall /<br>Interconnection ID                       | Latitude/<br>Longitude | Screening<br>/ sample<br>date | Ammonia | Chlorine | Conductivity | Salinity | E. coli or<br>enterococcus | Surfactants | Water<br>Temp | Pollutant<br>of<br>concern | If required, follow-<br>up actions taken |
|---|------------------------|-------------------------------|---------|----------|--------------|----------|----------------------------|-------------|---------------|----------------------------|--|
| <i>NO DRY WEATHER SCREENING WAS COMPLETED IN 2025</i> |                        |                               |         |          |              |          |                            |             |               |                            |  |

#### 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.html>. 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 |
|--------------------------------|---------------------|-------------|---------|----------|--------------|----------|-------------------------|-------------|------------|----------------------|
| <i>NO TESTING DONE IN 2025</i> |                     |             |         |          |              |          |                         |             |            |                      |
|                                |                     |             |         |          |              |          |                         |             |            |                      |

### 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](http://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 |
|------------|------------------------------|------------------------------|
|            | <i>SEE ATTACHED TABLE IN</i> | <i>ATTACHMENT C</i>          |

Where SVFs are:

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

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

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

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 |
|-------------------------|----------------------|-------------------------|---|---------|----------|-------------|
| <i>NONE TO DATE</i>     |                      |                         |   |         |          |             |

### 3.3 Wet weather 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 |
|---------------------|----------------------|-------------|---------|----------|-------------|
| <i>NONE TO DATE</i> |                      |             |         |          |             |

### 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 |
|---------------------|-----------------|-----------------------|---------------------|-------------------|---------------------|----------------------------------|----------------------------------|
| <i>NONE TO DATE</i> |                 |                       |                     |                   |                     |                                  |                                  |

## Part IV: Certification

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in this document or its attachments may be punishable as a criminal offense, in accordance with Section 22a-6 of the Connecticut General Statutes, pursuant to Section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute."

| Chief Elected Official or Principal Executive Officer | Document Prepared by  |
|---|---|
| Print name:<br>Jonathan Luiz, Town Manager            | Print name:<br>Stephen M. Braun, P.E., Director of Engineering and Highways |
| Signature / Date:                                     | Signature / Date:   |

# **ATTACHMENT A**

Town Social Media SWPPP Campaign Information

2025 Salmon River Watershed Partnership  
Outreach & Monitoring Activities

# **Stormwater Pollution Prevention Social Media Campaign - 2025**

**Shared to Facebook:**

**<https://www.facebook.com/glastonburyconnecticut>**

**Post date: Friday, April 11 @ 11:34 AM**

Wash your car with care!

When you wash your car/vehicle on a driveway or other paved surface, the soap and other cleaning substances flow down into community storm drains. These chemicals ultimately end up in Glastonbury's water bodies, which can damage wildlife and water quality.

Always wash your car on GRASS or GRAVEL surfaces, or at a commercial car wash, to help reduce water pollution.

Please keep this in mind as the weather gets warmer and share this environmental tip with your neighbors.

Visit [www.Glastonburyct.gov/stormwater](http://www.Glastonburyct.gov/stormwater) for more pollution prevention tips for homeowners.

.  
.  
#carwashwithcare #cleanwater #stormwaterpollutionprevention  
#themoreyouknow #doyourpart



Views: 1,349  
Total Reach: 982  
Engagement: 73  
Reactions: 6 (1 comment, 1 share)

**Post date: Wednesday, April 16 at 11:00 AM**

NEVER throw pet waste bags into the storm drains!

Pet waste can contribute harmful bacteria to our watercourses and wildlife. Do your part by carrying pet waste bags whenever you go outdoors with your pet and dispose of waste properly in the nearest trash can.

Visit [www.Glastonburyct.gov/stormwater](http://www.Glastonburyct.gov/stormwater) for more information.

.  
.

#goodpetparent #stormwaterpollutionprevention  
#cleanwater #themoreyouknow #doyourpart

Views: 814  
Total Reach: 615  
Reactions: 5 (1 love, 4 likes)



**Post: Friday, April 18 @ 11:30 AM**

Storm sewers drain directly into Glastonbury lakes, streams, and other water bodies. When pet waste, garbage, and other pollutants are thrown into the storm drains, they are passed along to contaminate our water sources.

If you wouldn't want to drink it or bathe in it, DON'T put it in the storm drains! Find the nearest trash barrel and do your part to keep our community members healthy.

Visit [www.Glastonburyct.gov/stormwater](http://www.Glastonburyct.gov/stormwater) for more information.

.  
.  
#stormwaterpollutionprevention #cleanwater  
#themoreyouknow #doyourpart

Views: 386  
Total Reach: 280  
Reactions: 2 (2 likes)



**Post date: Wednesday, April 23 @ 11:00 AM**

Heavy rain can cause excess fertilizer to pass into storm drains and travel to Glastonbury's local bodies of water. Fertilizer pollutes community water and can also affect oxygen levels for various fish species.

When planning your lawn fertilization, check the weather and AVOID fertilizing before heavy rain or severe storms.

It's also best practice to sweep up excess fertilizer from paved surfaces to ensure it doesn't end up in our storm drains/water sources.

Visit [www.Glastonburyct.gov/stormwater](http://www.Glastonburyct.gov/stormwater) for more information.

.  
.  
#lawncare #planahead #stormwaterpollutionprevention  
#cleanwater #themoreyouknow #doyourpart

Views: 709  
Total Reach: 508  
Reactions: 0

## Practice Mindful Lawn Care Prevent Stormwater Pollution!



**Avoid fertilizing your lawn before storms or heavy rain**



**Sweep up excess fertilizer from paved surfaces**

**Post: Friday, April 25 @ 11:00 AM**

Spring Cleaning season is here! This spring, the Town is encouraging local business owners to sweep with purpose! Sweep your parking lots to remove any debris/substances that could potentially wash away into our community's storm drains.

Keeping lawn fertilizers, de-icers, and other substances OUT of the storm drains helps protect Glastonbury water sources from pollution.

Local businesses are also encouraged to clean parking lot drainage systems annually (e.g., catch basins, swales, etc.) to eliminate accumulated sediment and debris.

Please share these tips with your fellow entrepreneurs and thank you in advance for doing your part to prevent stormwater pollution!

.  
.  
#stormwaterpollutionprevention #sweep #cleanwater  
#themoreyouknow #doyourpart

Views: 328  
Total Reach: 245  
Reactions: 0



**Post date: Wednesday, April 30 @ 11:15 AM**

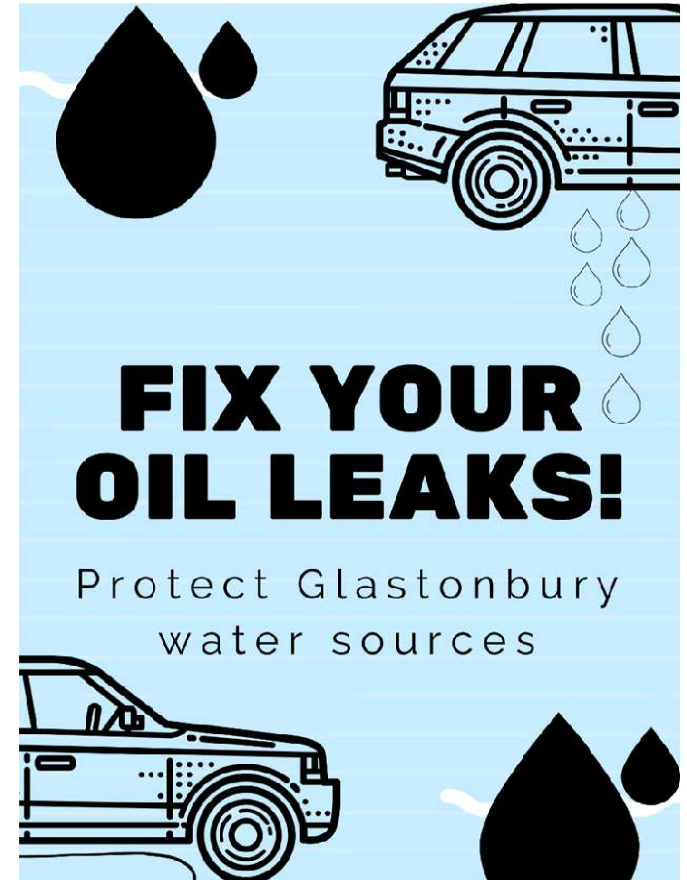
Oil leaks pollute our water! If you have an oil leak issue with your vehicle, please address it as soon as possible and make every effort to prevent motor oil / oily substances from entering and polluting our storm drains. This is essential to protecting Glastonbury's lakes, rivers, and water bodies.

If you have unwanted oil and antifreeze, bring it to the Transfer Station for safe/proper disposal.

Visit [www.Glastonbury-ct.gov/stormwater](http://www.Glastonbury-ct.gov/stormwater) for more information.

.  
.  
#fixit #oilspill #stormwaterpollutionprevention #cleanwater  
#themoreyouknow #doyourpart

Views: 429  
Total Reach: 295  
Reactions: 1 (1 like)





## **2025 Salmon River Watershed Partnership Outreach & Monitoring Activities Related to Stormwater & Water Quality**

(Bolton, Colchester, Columbia, East Haddam, East Hampton,  
Glastonbury, Haddam, Hebron, Lebanon & Marlborough)

During the 2025 year, SRWP conducted a number of outreach, education, and monitoring activities as reported below.

Activities presented in this format:

**Date/Event/Description/Audience and estimated number of individuals reached and/or participated**

**March 2025/Hebron MapleFest/** Booth set-up with display on SRWP activities and live “touch tank” with aquatic bugs to discuss lifecycle impacts from stream pollution. Display, showing all water quality monitoring sites and a take home brochure including steps landowners can take to protect water quality/100s+ public.

**March 2025/Spring Fling with Friends of Sunrise and Machimoodus State Parks/**Booth set-up with display on SRWP activities and live “touch” tank with aquatic bugs to discuss lifecycle impacts from stream pollution. Display, showing all water quality monitoring sites and a take home brochure including steps landowners can take to protect water quality/100s+ public.

**March 2025/Chick Day at Shagbark in East Haddam/**Booth set-up with display on SRWP activities and information on stream health activities/100s+ public.

**April 2025/Annual Newsletter/**Annual newsletter covering a variety of SRWP activities and news items related to protecting watershed resources and preserving water quality. The 2025 edition included articles on the impacts of salt intrusion to aquatic lifecycles and land preservation in the watershed as a means to protect water quality and habitats. Sent for general distribution to all 10 watershed towns, shared on social media, available on the website, and used as handouts for in-person events/100+ general public.

**April 2025/Stream Exploration and Impacts of Water Quality with East Haddam Middle School/**Classroom presentation on watersheds and pathways for non-point source pollution to enter local waterways followed by stream exploration program to assess habitat health/20 students and 3 teachers.

**May-September 2025/*Launching and Field Checking HOBO Stream Temperature Loggers***/Field work and intern training: partnering with DEEP Water Quality Monitoring Dept. Documenting summer stream temperatures using HOBO loggers. Loggers take hourly readings and are launched in 10 locations throughout the watershed. Loggers were retrieved and data downloaded in October and November 2025 and will be added to watershed temperature mapping to compare with local land-use. Data storage site (<http://db.ecosheds.org/>)/Staff & Volunteers (5), in partnership with town land-use staff and board members.

**June-August 2025/*Field Monitoring at Local Streams***/Third year monitoring from previous routes that were monitored from 2013-2017, after a five-year gap. The two routes include 11 sites throughout the watershed to establish baseline data and track future changes. Volunteers were trained on hand-held monitoring equipment and took weekly samples for temperature, pH, dissolved oxygen, conductivity, total dissolved solids, and salinity. A summary report will be generated and forwarded to all 10 watershed towns and shared with DEEP/10 community volunteers and 10 watershed towns.

**August 2025/*Marlborough Day***/Booth set-up with display on SRWP activities showing all water quality monitoring sites and results, information on the importance of land preservation for protecting water quality and a take home brochure including steps landowners can take to protect water quality/100s+ general public.

**September 2025/*Haddam Neck Fair***/Booth set-up for three-day event with display on SRWP activities and sign-up for water quality monitoring. Special focus on impacts of water quality to macroinvertebrates, display showing all water quality monitoring sites and a take home brochure including steps landowners can take to protect water quality/100s+ general public.

**September-November 2025/*Field Stream Assessment with Community Volunteers***/Classroom and outdoor field training presentation and 8 Stream Macroinvertebrate Assessments conducted in 2025 (3 additional assessments were conducted with school groups). Volunteers collected and identified benthic macroinvertebrates as part of CT DEEP protocol for conducting stream assessments to establish whether segments are meeting state water quality goals for aquatic life support/25 community volunteers.

**October 2025/*RiverFest-at Devil's Hopyard State Park***/ Booth set-up with display on SRWP activities showing all water quality monitoring sites and results, information on the importance of land preservation for protecting water quality and a take home brochure including steps landowners can take to protect water quality/100s+ general public.

**October 2025/*RHAM Middle School Pond Discovery Program at Gay City State Park***/Field program exploration pond life, adaptations and impacts of water quality/80 students and 8 teachers/aides.

**October 2025/*RHAM High School Stream Assessment at Blackledge and Fawn Brook in Marlborough***/Classroom and field program on environmental assessments. Classroom portion focused on watershed terms, pollution pathways and concerns with non-point source pollution. Field portion followed DEEP protocol for assessing habitat health based on benthic

macroinvertebrates/30 RHAM High School students in UCONN Environmental Science Class and teachers.

**October 2025/Coventry High School Stream Assessment at Raymond Brook in Hebron/**field assessment program which included discussions on land-use impacts to stream, importance of floodplains and drought conditions. UCONN Environmental Science/20 Coventry High School students and teachers.

**November 2025/Stream Exploration and Impacts of Water Quality with East Haddam Middle School/**Classroom presentation on types of non-point source pollution and impacts on aquatic organisms followed by stream exploration program to assess habitat health/20 students and 3 teachers.

**Year round/SRWP Outreach and Activities/**SRWP is funded primarily through 7 of the watershed towns. The Watershed Coordinator represents the partnership on statewide issues related to water quality and non-point source pollution. Information is shared with 10 towns for their dispersal and use. Coordinator also comments (as requested) on town activities, regulations or planning projects specific to water quality and stormwater/10 watershed towns.

**Year round/SRWP Outreach on Facebook/**<https://www.facebook.com/10towns/> Salmon River Watershed Partnership information pertaining to watershed monitoring efforts, opportunities to participate, and actions local citizens can do to help protect streams/100s+ general public.

**Year round/SRWP Outreach on Website/**[www.salmonriverct.org](http://www.salmonriverct.org) Website contains reports on water quality and monitoring and offers information and links on issues related to Best Management Practices for homeowners, animal owners, and business owners/100s+ general public.

**Year round/SRWP Outreach on Instagram/**[www.instagram.com/salmonriverct](http://www.instagram.com/salmonriverct) Salmon River Watershed Partnership initiated an Instagram account for sharing information pertaining to watershed resources and outreach/100s+ general public.

**ATTACHMENT B**

BASELINE DCIA SPREADSHEET

TOWN OF GLASTONBURY  
DIRECTLY CONNECTED IMPERVIOUS COVER (DCIA)  
BY DRAINAGE BASIN

| Basin Number:  | Basin Area: (Acres) | Total Impervious Cover: (Acres) | DOT Roads IC: (Acres) | Total IC Less DOT Roads: (Acres) | Watershed Total IC: (Acres) | Watershed Total IC %: | Connectivity Level:  | Watershed Connected IC %: | Total Watershed Connected IC: (Acres) | Watershed Urban Area % | Adjusted Watershed Connected IC: (Acres) |
|----------------|---------------------|---------------------------------|-----------------------|----------------------------------|-----------------------------|-----------------------|----------------------|---------------------------|---------------------------------------|------------------------|--|
| 4000-00-6-R11  | 198.06              | 2.62                            | 2.20                  | 0.42                             | 0.42                        | 0.21%                 | Slightly Connected   | 0.00                      | 0.00                                  | 100.00%                | 0.00                                     |
| 4000-00-6-R12  | 690.50              | 7.08                            | 0.00                  | 7.08                             | 7.08                        | 1.03%                 | Slightly Connected   | 0.01                      | 0.07                                  | 100.00%                | 0.07                                     |
| 4000-00-6-R14  | 238.00              | 6.38                            | 1.02                  | 5.36                             | 5.36                        | 2.25%                 | Sorta Connected      | 0.16                      | 0.38                                  | 100.00%                | 0.38                                     |
| 4000-00-6-R13  | 59.30               | 0.15                            | 0.00                  | 0.15                             | 0.15                        | 0.25%                 | Slightly Connected   | 0.00                      | 0.00                                  | 100.00%                | 0.00                                     |
| 4000-00-6-R15  | 40.06               | 0.80                            | 0.40                  | 0.40                             | 0.40                        | 1.00%                 | Slightly Connected   | 0.01                      | 0.00                                  | 100.00%                | 0.00                                     |
| 4000-00-6-R16  | 730.25              | 51.69                           | 1.90                  | 49.79                            | 49.79                       | 6.82%                 | Sorta Connected      | 1.05                      | 7.67                                  | 100.00%                | 7.67                                     |
| 4000-00-6-R17  | 9.93                | 0.70                            | 0.00                  | 0.70                             | 0.70                        | 7.05%                 | Sorta Connected      | 1.11                      | 0.11                                  | 100.00%                | 0.11                                     |
| 4000-00-6-R18  | 257.52              | 21.46                           | 0.00                  | 21.46                            | 21.46                       | 8.33%                 | Slightly Connected   | 0.69                      | 1.78                                  | 100.00%                | 1.78                                     |
| 4000-30-1      | 725.79              | 47.88                           | 3.41                  | 44.47                            | 44.47                       | 6.13%                 | Sorta Connected      | 0.87                      | 6.31                                  | 50.00%                 | 3.16                                     |
| 4000-30-1-L1   | 49.84               | 4.66                            | 0.00                  | 4.66                             | 4.66                        | 9.35%                 | Sorta Connected      | 1.79                      | 0.89                                  | 100.00%                | 0.89                                     |
| 4000-35-1      | 81.72               | 8.91                            | 1.02                  | 7.89                             | 7.89                        | 9.65%                 | Sorta Connected      | 1.89                      | 1.54                                  | 75.00%                 | 1.16                                     |
| 4006-00-1      | 313.79              | 27.79                           | 1.30                  | 26.49                            | 26.49                       | 8.44%                 | Sorta Connected      | 1.50                      | 4.71                                  | 50.00%                 | 2.35                                     |
| 4006-00-2-L1   | 419.09              | 63.19                           | 0.23                  | 62.96                            | 62.96                       | 15.02%                | Sorta Connected      | 4.00                      | 16.76                                 | 100.00%                | 16.76                                    |
| 4006-00-2-R1   | 706.33              | 51.28                           | 0.82                  | 50.46                            | 50.46                       | 7.14%                 | Sorta Connected      | 1.13                      | 7.98                                  | 100.00%                | 7.98                                     |
| 4006-00-2-R2   | 19.63               | 2.19                            | 0.00                  | 2.19                             | 2.19                        | 11.16%                | Sorta Connected      | 2.42                      | 0.48                                  | 100.00%                | 0.48                                     |
| 4006-00-2-R3   | 43.63               | 5.67                            | 0.00                  | 5.67                             | 5.67                        | 13.00%                | Sorta Connected      | 3.13                      | 1.37                                  | 100.00%                | 1.37                                     |
| 4006-00-2-R4   | 128.46              | 19.41                           | 1.20                  | 18.21                            | 18.21                       | 14.18%                | Sorta Connected      | 3.63                      | 4.66                                  | 100.00%                | 4.66                                     |
| 4006-00-2-R5   | 476.32              | 138.84                          | 10.55                 | 128.29                           | 128.29                      | 26.93%                | Wicked Connected     | 20.81                     | 99.12                                 | 100.00%                | 99.12                                    |
| 4006-00-2-R6   | 422.37              | 143.36                          | 20.95                 | 122.41                           | 122.41                      | 28.98%                | Fully Connected      | 28.98                     | 122.41                                | 100.00%                | 122.41                                   |
| 4006-00-2-R7   | 5.85                | 0.00                            | 0.00                  | 0.00                             | 0.00                        | 0.00%                 | Slightly Connected   | 0.00                      | 0.00                                  | 100.00%                | 0.00                                     |
| 4006-01-1      | 152.19              | 14.81                           | 0.44                  | 14.37                            | 14.37                       | 9.44%                 | Sorta Connected      | 1.82                      | 2.77                                  | 75.00%                 | 2.08                                     |
| 4006-01-1-L1   | 283.19              | 34.04                           | 1.38                  | 32.66                            | 32.66                       | 11.53%                | Sorta Connected      | 2.55                      | 7.22                                  | 100.00%                | 7.22                                     |
| 4006-02-1      | 5.70                | 0.17                            | 0.00                  | 0.17                             | 0.17                        | 2.98%                 | Sorta Connected      | 0.26                      | 0.01                                  | 100.00%                | 0.01                                     |
| 4006-02-1-L1   | 650.06              | 78.50                           | 10.43                 | 68.07                            | 68.07                       | 10.47%                | Moderately Connected | 3.39                      | 22.04                                 | 100.00%                | 22.04                                    |
| 4006-03-1      | 338.35              | 31.99                           | 0.66                  | 31.33                            | 31.33                       | 9.26%                 | Moderately Connected | 2.82                      | 9.54                                  | 100.00%                | 9.54                                     |
| 4006-04-1      | 394.09              | 45.60                           | 1.15                  | 44.45                            | 44.45                       | 11.28%                | Sorta Connected      | 2.46                      | 9.69                                  | 100.00%                | 9.69                                     |
| 4006-04-1-L1   | 56.74               | 8.42                            | 1.29                  | 7.13                             | 7.13                        | 12.57%                | Sorta Connected      | 2.96                      | 1.68                                  | 100.00%                | 1.68                                     |
| 4006-05-1      | 310.43              | 23.72                           | 0.00                  | 23.72                            | 23.72                       | 7.64%                 | Sorta Connected      | 1.27                      | 3.94                                  | 100.00%                | 3.94                                     |
| 4006-06-1      | 336.09              | 57.72                           | 0.00                  | 57.72                            | 57.72                       | 17.17%                | Moderately Connected | 7.11                      | 23.90                                 | 100.00%                | 23.90                                    |
| 4006-09-2-R3   | 321.14              | 103.46                          | 14.94                 | 88.52                            | 88.52                       | 27.56%                | Wicked Connected     | 21.40                     | 68.72                                 | 100.00%                | 68.72                                    |
| 4006-11-1-L1   | 167.76              | 43.53                           | 0.00                  | 43.53                            | 43.53                       | 25.95%                | Moderately Connected | 13.22                     | 22.18                                 | 100.00%                | 22.18                                    |
| 4006-11-1-L3   | 37.12               | 7.10                            | 0.00                  | 7.10                             | 7.10                        | 19.13%                | Moderately Connected | 8.49                      | 3.15                                  | 100.00%                | 3.15                                     |
| 4006-12-1      | 145.21              | 30.39                           | 0.00                  | 30.39                            | 30.39                       | 20.93%                | Moderately Connected | 9.58                      | 13.91                                 | 100.00%                | 13.91                                    |
| 4006-13-1      | 504.34              | 92.72                           | 17.04                 | 75.68                            | 75.68                       | 15.01%                | Fully Connected      | 15.01                     | 75.68                                 | 100.00%                | 75.68                                    |
| 4007-00-1      | 673.29              | 211.48                          | 14.43                 | 197.05                           | 197.05                      | 29.27%                | Fully Connected      | 29.27                     | 197.05                                | 100.00%                | 197.05                                   |
| 4007-00-1-L1   | 93.00               | 9.60                            | 3.60                  | 6.00                             | 6.00                        | 6.45%                 | Sorta Connected      | 0.95                      | 0.88                                  | 100.00%                | 0.88                                     |
| 4007-00-1-L2   | 1,314.72            | 182.74                          | 24.54                 | 158.20                           | 158.20                      | 12.03%                | Moderately Connected | 4.17                      | 54.82                                 | 100.00%                | 54.82                                    |
| 4007-00-1-L3   | 61.42               | 24.86                           | 0.31                  | 24.55                            | 24.55                       | 39.97%                | Wicked Connected     | 33.43                     | 20.53                                 | 100.00%                | 20.53                                    |
| 4007-00-2-R1   | 252.18              | 22.50                           | 0.00                  | 22.50                            | 22.50                       | 8.92%                 | Sorta Connected      | 1.65                      | 4.16                                  | 100.00%                | 4.16                                     |
| 4007-00-3-R1   | 69.58               | 12.13                           | 0.00                  | 12.13                            | 12.13                       | 17.43%                | Moderately Connected | 7.28                      | 5.07                                  | 100.00%                | 5.07                                     |
| 4007-00-3-R2   | 8.22                | 0.00                            | 0.00                  | 0.00                             | 0.00                        | 0.00%                 | Slightly Connected   | 0.00                      | 0.00                                  | 100.00%                | 0.00                                     |
| 4007-01-1      | 556.20              | 93.74                           | 4.34                  | 89.40                            | 89.40                       | 16.07%                | Moderately Connected | 6.44                      | 35.82                                 | 100.00%                | 35.82                                    |
| 4007-02-1      | 573.00              | 69.46                           | 0.00                  | 69.46                            | 69.46                       | 12.12%                | Moderately Connected | 4.22                      | 24.18                                 | 100.00%                | 24.18                                    |
| 4007-02-2-R1   | 236.22              | 42.66                           | 2.91                  | 39.75                            | 39.75                       | 16.83%                | Moderately Connected | 6.90                      | 16.30                                 | 100.00%                | 16.30                                    |
| 4007-03-1      | 369.62              | 64.62                           | 0.00                  | 64.62                            | 64.62                       | 17.48%                | Moderately Connected | 7.31                      | 27.02                                 | 100.00%                | 27.02                                    |
| 4007-04-1      | 706.53              | 96.70                           | 5.59                  | 91.11                            | 91.11                       | 12.90%                | Sorta Connected      | 3.09                      | 21.83                                 | 100.00%                | 21.83                                    |
| 4007-04-1-L1   | 149.65              | 16.55                           | 0.00                  | 16.55                            | 16.55                       | 11.06%                | Sorta Connected      | 2.38                      | 3.56                                  | 100.00%                | 3.56                                     |
| 4008-00-2-L1   | 217.52              | 24.67                           | 4.27                  | 20.40                            | 20.40                       | 9.38%                 | Sorta Connected      | 1.80                      | 3.92                                  | 100.00%                | 3.92                                     |
| 4008-00-2-L2   | 856.20              | 47.59                           | 3.54                  | 44.05                            | 44.05                       | 5.14%                 | Sorta Connected      | 0.65                      | 5.57                                  | 50.00%                 | 2.78                                     |
| 4008-01-2-R1   | 648.94              | 28.83                           | 8.76                  | 20.07                            | 20.07                       | 3.09%                 | Sorta Connected      | 0.27                      | 1.75                                  | 25.00%                 | 0.44                                     |
| 4008-03-1      | 818.79              | 29.45                           | 0.00                  | 29.45                            | 29.45                       | 3.60%                 | Sorta Connected      | 0.35                      | 2.87                                  | 25.00%                 | 0.72                                     |
| 4009-00-2-L2   | NA                  | NA                              | NA                    | NA                               | NA                          | NA                    | NA                   | NA                        | NA                                    | NA                     | NA                                       |
| 4009-00-2-L3   | NA                  | NA                              | NA                    | NA                               | NA                          | NA                    | NA                   | NA                        | NA                                    | NA                     | NA                                       |
| 4009-00-2-L4   | 345.05              | 42.20                           | 2.32                  | 39.88                            | 39.88                       | 11.56%                | Sorta Connected      | 2.57                      | 8.87                                  | 100.00%                | 8.87                                     |
| 4009-00-2-R1   | 129.44              | 3.88                            | 1.91                  | 3.88                             | 3.88                        | 3.00%                 | Sorta Connected      | 0.26                      | 0.34                                  | 25.00%                 | 0.08                                     |
| 4009-00-2-R2   | 538.97              | 32.68                           | 1.51                  | 31.17                            | 31.17                       | 5.78%                 | Sorta Connected      | 0.79                      | 4.26                                  | 50.00%                 | 2.13                                     |
| 4009-00-2-R3   | 90.34               | 16.30                           | 1.79                  | 14.51                            | 14.51                       | 16.06%                | Sorta Connected      | 4.49                      | 4.06                                  | 100.00%                | 4.06                                     |
| 4009-00-3-L5   | 96.94               | 9.80                            | 0.63                  | 9.17                             | 9.17                        | 9.46%                 | Sorta Connected      | 1.82                      | 1.76                                  | 100.00%                | 1.76                                     |
| 4009-00-3-L6   | 182.41              | 20.37                           | 0.00                  | 20.37                            | 20.37                       | 11.17%                | Sorta Connected      | 2.42                      | 4.41                                  | 100.00%                | 4.41                                     |
| 4009-00-3-R1   | 50.00               | 6.86                            | 1.73                  | 5.13                             | 5.13                        | 10.26%                | Sorta Connected      | 2.09                      | 1.05                                  | 100.00%                | 1.05                                     |
| 4009-00-3-R2   | 491.16              | 66.19                           | 10.75                 | 55.44                            | 55.44                       | 11.29%                | Sorta Connected      | 2.46                      | 12.08                                 | 100.00%                | 12.08                                    |
| 4009-00-3-R4   | 156.81              | 2.22                            | 0.00                  | 2.22                             | 2.22                        | 1.42%                 | Slightly Connected   | 0.02                      | 0.03                                  | 50.00%                 | 0.02                                     |
| 4009-00-3-R5   | 1,471.90            | 179.77                          | 5.24                  | 174.53                           | 174.53                      | 11.86%                | Sorta Connected      | 2.68                      | 39.45                                 | 100.00%                | 39.45                                    |
| 4009-03-1      | 997.57              | 47.72                           | 3.14                  | 44.58                            | 44.58                       | 4.47%                 | Sorta Connected      | 0.51                      | 5.09                                  | 50.00%                 | 2.54                                     |
| 4009-04-1      | 399.52              | 46.96                           | 4.95                  | 42.01                            | 42.01                       | 10.52%                | Moderately Connected | 3.41                      | 13.62                                 | 100.00%                | 13.62                                    |
| 4009-05-1      | 177.94              | 15.46                           | 0.00                  | 15.46                            | 15.46                       | 8.69%                 | Sorta Connected      | 1.58                      | 2.81                                  | 75.00%                 | 2.11                                     |
| 4009-05-2-R1   | 40.08               | 4.44                            | 0.00                  | 4.44                             | 4.44                        | 11.08%                | Sorta Connected      | 2.39                      | 0.96                                  | 100.00%                | 0.96                                     |
| 4009-05-2-R2   | 38.76               | 4.30                            | 0.00                  | 4.30                             | 4.30                        | 11.09%                | Sorta Connected      | 2.39                      | 0.93                                  | 100.00%                | 0.93                                     |
| 4009-06-1      | 382.93              | 14.64                           | 0.00                  | 14.64                            | 14.64                       | 3.82%                 | Sorta Connected      | 0.39                      | 1.49                                  | 50.00%                 | 0.75                                     |
| 4009-07-1      | 359.78              | 39.53                           | 0.00                  | 39.53                            | 39.53                       | 10.99%                | Sorta Connected      | 2.35                      | 8.45                                  | 75.00%                 | 6.34                                     |
| 4009-08-1      | 370.09              | 34.72                           | 12.09                 | 22.63                            | 22.63                       | 6.11%                 | Sorta Connected      | 0.87                      | 3.22                                  | 100.00%                | 3.22                                     |
| 4009-09-1      | 479.48              | 44.01                           | 0.00                  | 44.01                            | 44.01                       | 9.18%                 | Sorta Connected      | 1.73                      | 8.30                                  | 75.00%                 | 6.22                                     |
| 4707-00-2-L3   | NA                  | NA                              | NA                    | NA                               | NA                          | NA                    | NA                   | NA                        | NA                                    | NA                     | NA                                       |
| 4707-00-2-R4   | 438.02              | 12.63                           | 1.80                  | 10.83                            | 10.83                       | 2.47%                 | Sorta Connected      | 0.19                      | 0.83                                  | 100.00%                | 0.83                                     |
| 4707-04-1      | NA                  | NA                              | NA                    | NA                               | NA                          | NA                    | NA                   | NA                        | NA                                    | NA                     | NA                                       |
| 4707-05-1      | NA                  | NA                              | NA                    | NA                               | NA                          | NA                    | NA                   | NA                        | NA                                    | NA                     | NA                                       |
| 4707-06-1      | NA                  | NA                              | NA                    | NA                               | NA                          | NA                    | NA                   | NA                        | NA                                    | NA                     | NA                                       |
| 4707-06-1-L1   | 285.96              | 27.96                           | 2.08                  | 25.88                            | 25.88                       | 9.05%                 | Sorta Connected      | 1.69                      | 4.83                                  | 50.00%                 | 2.42                                     |
| 4707-06-1-L2   | 100.51              | 8.66                            | 0.00                  | 8.66                             | 8.66                        | 8.62%                 | Sorta Connected      | 1.56                      | 1.57                                  | 25.00%                 | 0.39                                     |
| <b>TOTALS:</b> | <b>24,547.59</b>    | <b>2,837.02</b>                 | <b>214.56</b>         | <b>2,622.46</b>                  | <b>2,622.46</b>             |                       |                      |                           | <b>1,094.41</b>                       |                        | <b>1,067.40</b>                          |

Note:

1. Watershed data depicted is derived from CTDEEP 2012 Impervious Cover by Watershed Basin (clipped) datasets from <https://cteco.uconn.edu/viewers/ctms4/>
2. Basin Areas shown depict acreages and Impervious Cover clipped at the Town line residing in Glastonbury
3. Total impervious cover acreage for each watershed utilized the sum of the Total Watershed Impervious Cover less ConnDOT Roads acreage.

Watersheds with a proportional Urban Area

Watersheds with Urban Area too small

Connectivity Level Formulas:

Fully Connected: DCIA% = IC% (High density mixed use, commercial)

Wicked Connected: DCIA% = 0.4(IC%)<sup>1.2</sup> (High density residential, commercial, industrial, institutional)

Moderately Connected: DCIA% = 0.1(IC%)<sup>1.5</sup> (Medium density residential, commercial, industrial, institutional, open land)

Sorta Connected: DCIA% = 0.04(IC%)<sup>1.7</sup> (Low density residential, open land)

Slightly Connected: DCIA% = 0.01(IC%)<sup>2.0</sup> (Agricultural, forested, natural areas)

### Overall Impervious Cover Tracking Spreadsheet

| PROJECT INFORMATION |                    |                                       |                               |                           |  |   |                     |                         |                                   |                                       |                      |                         |                             |                         |                        | NEW DEVELOPMENT             |                            | REDEVELOPMENT    |   | RETROFITS   | CHANGE |    | CUMULATIVE TOTALS |    |    |    |    | NOTES & REFERENCES |
|---------------------|--------------------|---------------------------------------|-------------------------------|---------------------------|--|---|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|---|---|--------|----|-------------------|----|----|----|----|--------------------|
| 1/1/2026            |                    |                                       |                               |                           |  |   |                     |                         |                                   |                                       |                      |                         |                             |                         |                        | 5                           | 6                          | 7                | 8   | 9   | 10     | 11 | 12                | 13 | 14 | 15 | 16 | 16                 |
| Date Approved       | Date of Completion | Included in 2012 IC Baseline Coverage | Outfall ID#                   | Address                   | Project Name/Owner   | practice  | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References  |   |        |    |                   |    |    |    |    |                    |
|                     | 6/1/2015           |                                       |                               | <b>WATERSHED BASELINE</b> |  |   |                     |                         |                                   |                                       |                      |                         |                             |                         | 2622.46                | 10.7%                       | 1067.40                    | 4.3%             | 0.0%  | from 2012 GIS IC Coverage [note: total watershed area is 24,547.59 acres] |        |    |                   |    |    |    |    |                    |
| 12/6/2011           | Completed          | YES                                   | RT94-3792                     | 88 Citizens Drive         | Richard Risinger-Proposed Dental Office and related infrastructure-Special Permit 12-04 Sub Region Drainage Basin 4006-00-2-R5 | Installation of underground infiltration/retention system with an overflow into the Hebron Avenue drainage system.  | 0.45                | 0.00                    |                                   |                                       |                      | 0.45                    | 0.00                        | 2622.91                 | 10.7%                  | 1067.40                     | 4.3%                       | 0.0%             | Construction of a 5,813 S.F. Dental Office Building and 13,865 S.F. of bituminous parking area on 1.00 Acre vacant parcel of land. Project incorporates an internal storm drainage system, connection to the sewer system. Underground infiltration/retention system is made up of 40 Stormtech SC-310 chambers and provides 1,428 S.F. of storage capacity. All internal catch basins have 3' sumps. Pre IC = 0.0 acres, Post IC - 0.45 acres, all disconnected.   |   |        |    |                   |    |    |    |    |                    |
| 3/6/2012            | Completed          | YES                                   | Wetland Area                  | 223 Eastern Boulevard     | Nicola Yester-Proposed building addition and expanded parking lot-Special Permit 12-10 Sub Region Drainage Basin 4006-06-1     | Installation of an infiltration/retention system for the new roof drainage. Expanded parking area sheet flows into a wetland area at the rear of the parcel.  |                     |                         | 0.13                              | 0.00                                  |                      | 0.13                    | 0.00                        | 2623.04                 | 10.7%                  | 1067.40                     | 4.3%                       | 0.0%             | Construction of a 2,400 S.F. Building addition and 5,748 S.F. additional bituminous parking area on 0.99 acre parcel. New roof drainage discharges to an underground infiltration/retention system. Expanded parking area sheet flows to a wetland area located at the rear of the property. Pre Construction IC = 20,922 S.F./0.48 Acres. Post Construction IC = 26,670 S.F./0.61 Acres.   |   |        |    |                   |    |    |    |    |                    |
| 2/21/2012           | Completed          | YES                                   | Wetland Area                  | 2773 Main Street          | Gary Rounseville-M&R Liquors building addition-Special Permit 12-11 Sub Region Drainage Basin 4006-00-2-R6                     | Proposed 1,236 S.F. addition roof drainage and existing on-site parking lot drainage discharges to a wetland area located at the rear of the property.  |                     |                         | 0.00                              | 0.00                                  |                      | 0.00                    | 0.00                        | 2623.04                 | 10.7%                  | 1067.40                     | 4.3%                       | 0.0%             | Construction of a 1,236 S.F. building addition. New roof drainage discharges to a wetland area located at the rear of the property. Pre IC = 21,016 S.F./0.48 Acres. Post IC = 21,016 S.F./0.48 Acres.  |   |        |    |                   |    |    |    |    |                    |
| 8/21/2012           | Completed          | Partial                               | RFBH-010, RFBH-044, WE20-3484 | 252/300 Welles Street     | Town of Glastonbury-Glastonbury Riverfront Walk-Phase 2-Special Permit 12-33 Sub Region Drainage Basin 4000-00-6+R12           | Construction of a recreational facility which includes a 12,372± S.F. boathouse building, public boat launch, playground, skating pond, and parking facilities. Pre Development IC= 1.22 Acres and Post Development IC=4.08 acres which nets IC=2.86 acres. |                     |                         | 2.86                              | -1.22                                 |                      | 2.86                    | -1.22                       | 2625.90                 | 10.7%                  | 1066.18                     | 4.3%                       | -0.1%            | Construction of a recreational facility which includes a 12,372 ± S.F. boathouse building, public boat launch, playground, skating pond, and parking facilities on a redeveloped 9 acre parcel. All storm water treatment utilized LID (Low Impact Design) techniques and groundwater recharge through the use of water quality basins, groundwater recharge units, deep sump catch basins and hydrodynamic separators prior to discharge. Pre Construction IC = 53,143 S.F./1.22 Acres all connected. Post Construction IC = 177,725 S.F./4.08 Acres all disconnected. |   |        |    |                   |    |    |    |    |                    |

| PROJECT INFORMATION |                    |  |                            |                               |  |   | NEW DEVELOPMENT     |                         | REDEVELOPMENT                     |                                       | RETROFITS            | CHANGE                  |                             | CUMULATIVE TOTALS       |                        |                             |                            |                  | NOTES & REFERENCES  |
|---------------------|--------------------|--|----------------------------|-------------------------------|--|---|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|---|
| 1/1/2026            |                    |  |                            |                               |  |   | 5                   | 6                       | 7                                 | 8                                     | 9                    | 10                      | 11                          | 12                      | 13                     | 14                          | 15                         | 16               | 16  |
| Date Approved       | Date of Completion | Included in 2012 IC Baseline Coverage  | Outfall ID#                | Address                       | Project Name/Owner   | practice  | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References  |
|                     | Completed          | Building Addition incorporated. Additional parking not incorporated.                     | Wetland Area/Salmon Brook  | 731 Hebron Avenue             | Mulryan Funeral Home-KCP Associates-Special Permit 13-10 Sub Region Drainage Basin 4006-00-2-R5                        | Installation of two (2) Water Quality Basins for existing/proposed parking lot stormwater treatment.  |                     |                         | 0.23                              | 0.00                                  |                      | 0.23                    | 0.00                        | 2626.13                 | 10.7%                  | 1066.18                     | 4.3%                       | -0.1%            | Proposed 1,136 S.F. building addition and 9,080 S.F. of additional bituminous parking lot. Project incorporated the implementation of two (2) Water Quality Basins discharging to a wetland area. Pre IC = 32,653 S.F./ 0.75 Acres. Post IC = 42,869 S.F./ 0.98 Acres, new IC all disconnected.   |
| 3/19/2013           | Completed          | YES  | MA15-3527                  | 2875 Main Street              | Cumberland Farms-Special Permit 13-18 Sub Region Drainage Basin 4006-13-1  | Installation of a Water Quality Basin and Oil/Water separator. All proposed catch basins were designed with deep sumps and fitted with hooded outlets. Two catch basins are connected to the Main Street storm drainage system. |                     |                         | 0.57                              | -0.09                                 |                      | 0.57                    | -0.09                       | 2626.70                 | 10.7%                  | 1066.09                     | 4.3%                       | -0.1%            | Project involved the demolition of an existing Cumberland Farms gas station and reconstruction of a new Cumberland Farms gas station. WQV required=2,346.8 C.F. (1" retention) WQV provided=2,852 C.F. Pre Construction IC = 4,062 S.F./0.09 Acres all connected. Post Construction IC = 28,750 S.F./0.66 Acres all disconnected.       |
| 5/6/2013            | Completed          | YES  | Wetland Area               | 131 Oak Street                | The Bakery Connection-Michael Myers-Special Permit 13-19 Sub Region Drainage Basin 4007-00-1                           | Overland flow to a catch basin which is tied into the Glastonbury/East Hartford Elementary Magnet School drainage system.   |                     |                         | 0.08                              | 0.00                                  |                      | 0.08                    | 0.00                        | 2626.78                 | 10.7%                  | 1066.09                     | 4.3%                       | -0.1%            | Project was for a parking lot expansion creating 3,495 S.F./0.08 Acres of additional impervious area to the site. Pre Construction IC =17,806 S.F./0.41 Acres. Post Construction IC = 21,301 S.F./0.49 Acres.   |
| 5/21/2013           | Completed          | YES  | EA40-2695                  | 248 Eastern Boulevard         | Gymnastics Express Too-MC & LS Associates-Special Permit 13-23 Sub Region Drainage Basin 4006-06-1                     | New roof drainage installed in underground infiltration trench. Existing on-site drainage drains to a Water Quality Basin   |                     |                         | 0.08                              | 0.00                                  |                      | 0.08                    | 0.00                        | 2626.86                 | 10.7%                  | 1066.09                     | 4.3%                       | -0.1%            | Project was for a 3,500 S.F./0.08 Acre building expansion. Pre Construction IC =32,004 S.F./0.73 Acres. Post Construction IC = 35,195 S.F./0.81 Acres, new IC all disconnected.   |
| 7/16/2013           | Completed          | YES  | Pond then to Hubbard Brook | 911 New London Turnpike       | Flanagan's Landing-ARZ- New London Turnpike Apartments Investors, LLC Sub Region Drainage Basin 4007-00-1-L2           | Installation of three (3) Water Quality Basins, Underground Infiltration Chambers and Drywells.   |                     |                         | 6.76                              | -1.61                                 |                      | 6.76                    | -1.61                       | 2633.62                 | 10.7%                  | 1064.48                     | 4.3%                       | -0.3%            | Commercial development consisting of the construction of (9) multi story commercial residential rental apartment/townhouse buildings and a Clubhouse/Pool area and associated parking and covered garages. Pre IC =70,156 S.F./ 1.61 Acres all connected. Post IC = 364,728 S.F./ 8.37 Acres all disconnected.                          |
| 8/20/2013           | Completed          | Building G (10,884 S.F./0.25 Acres) is incorporated into the 2014 IC coverage data only. | Wetland Area               | 289,295,305 Western Boulevard | Gateway 4-Casile Corporation-Special Permit 13-40 Sub Region Drainage Basin 4006-06-1                                  | Utilization of Two (2) Detention Basins, an Underground Detention System, Six (6) Underground Infiltration Systems and Catch Basins with 4' deep sumps  | 3.77                | 0.00                    |                                   |                                       |                      | 3.77                    | 0.00                        | 2637.39                 | 10.7%                  | 1064.48                     | 4.3%                       | -0.3%            | Project consists of the construction of Three (3) Medical Office buildings with associated parking on a 7.90 acre parcel. Building G (#305)=10,884 S.F./0.25 Acres, Building H (#295)=13,300 S.F./0.31 Acres, Building I (#289)=10,888 S.F./0.25 Acres. totaling 0.81 Acres. Pre IC = 0.0 acres, Post IC =3.77 Acres, all disconnected. |
| 9/17/2013           | Completed          | NO   | GHSL-160                   | 1086 New London Turnpike      | Town of Glastonbury-Parks and Recreation Facility-Ray Purtell-Special Permit 13-41 Sub Region Drainage Basin 4007-01-1 | Installation of an In-Line Drywell  |                     |                         | 0.24                              | 0.00                                  |                      | 0.24                    | 0.00                        | 2637.63                 | 10.7%                  | 1064.48                     | 4.3%                       | -0.3%            | Construction of a 3,360 S.F./0.08 Acre storage building and 7,317 S.F./0.17 Acres of additional paved parking/driveway area. The proposed drywell provides 264 C.F. of infiltration capacity.   |

| PROJECT INFORMATION |                    |   |                                 |                       |   |   |                     |                         |                                   |                                       |                      |                         |                             |                         |                        | NEW DEVELOPMENT             |                            | REDEVELOPMENT    |  | RETROFITS | CHANGE |    | CUMULATIVE TOTALS |    |    |    |    | NOTES & REFERENCES |
|---------------------|--------------------|---|---------------------------------|-----------------------|---|---|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|--|-----------|--------|----|-------------------|----|----|----|----|--------------------|
| 1/1/2026            |                    |   |                                 |                       |   |   |                     |                         |                                   |                                       |                      |                         |                             |                         |                        | 5                           | 6                          | 7                | 8  | 9         | 10     | 11 | 12                | 13 | 14 | 15 | 16 | 16                 |
| Date Approved       | Date of Completion | Included in 2012 IC Baseline Coverage                     | Outfall ID#                     | Address               | Project Name/Owner  | practice  | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References   |           |        |    |                   |    |    |    |    |                    |
| 10/15/2013          | Completed          | YES   | WE30-1573                       | 100 Western Boulevard | Waldemar Realty, LLC-Special Permit 13-37 Sub Region Drainage Basin 4006-00-2-R5  | Insignificant change to existing conditions   |                     |                         | 0.04                              | 0.00                                  |                      | 0.04                    | 0.00                        | 2637.67                 | 10.7%                  | 1064.48                     | 4.3%                       | -0.3%            | Project consisted of removal of exiting concrete surface and installing additional pavement parking area of 1,878 S.F./0.04 Acres. Existing IC all disconnected.   |           |        |    |                   |    |    |    |    |                    |
| 10/15/2013          | 2/18/2014          | Building Addition- YES<br>Additional Pavement- NO         | Private Outlet to Roaring Brook | 840 Main Street       | Apple Brook Tavern-Red Apple Glastonbury, LLC-Special Permit 13-42 Sub Region Drainage Basin 4009-00-3-R5               | Installation of Porus Concrete Pavement   |                     |                         | 0.15                              | 0.00                                  |                      | 0.15                    | 0.00                        | 2637.82                 | 10.7%                  | 1064.48                     | 4.3%                       | -0.3%            | Construction of a 1,400 S.F./0.03 Acres building addition with additional 5,141 S.F./0.12 Acres of paved parking incorporating porus concrete gutters and pavement sections to meet WQV requirements for the site. New IC all disconnected.  |           |        |    |                   |    |    |    |    |                    |
| 7/16/2013           | Completed          | YES   | NA20-1548                       | 81 National Drive     | Flanagan Industries-Special Permit 13-31 Sub Region Drainage Basin 4006-00-2-R5   | 48 L.F of Cultec Recharger 280 HD Chambers  |                     |                         | 0.17                              | 0.00                                  |                      | 0.17                    | 0.00                        | 2637.99                 | 10.7%                  | 1064.48                     | 4.3%                       | -0.3%            | Construction of a 5,000 S.F./0.11 Acre building addition with 2,340 S.F./0.05 Acres of additional paved parking. WQV calculations retain the first 1" utilizing 48 L.F. of underground detention. On-site storm drainage ties into National Drive storm draiange system. New IC all disconnected.            |           |        |    |                   |    |    |    |    |                    |
| 10/15/2013          | Completed          | NO  | Roaring Brook                   | 68 Matson Hill Road   | Town of Glastonbury-Special Permit 13-47 Sub Region Drainage Basin 4009-00-3-R5   | Rain Garden   | 0.12                | 0.00                    |                                   |                                       |                      | 0.12                    | 0.00                        | 2638.11                 | 10.7%                  | 1064.48                     | 4.3%                       | -0.3%            | Construction of a paved 5,340 S.F./0.12 Acre parking lot incorporating a Rain Garden to comply with WQV requirements. Pre IC = 0 S.F./0.00 Acres. Post IC = 5,340 S.F./0.12 Acres  |           |        |    |                   |    |    |    |    |                    |
| 11/19/2013          | Completed          | NO  | Tryon Street XX                 | Tryon Street/Dug Road | Town of Glastonbury-Dug Road/Tryon Street Drainage Project-Special Permit 14-01 Sub Region Drainage Basin 4000-00-6+R16 | Underground detention, Infiltration swales, Off-Line Particle Separator, Deep sump catch basins, drywells |                     |                         | 0.00                              | -4.04                                 | -4.04                | 0.00                    | -8.08                       | 2638.11                 | 10.7%                  | 1056.40                     | 4.3%                       | -1.0%            | Project was designed for a total stormwater treatment volume of 25,000 C.F. which is approximately 50% of the computed water quality volume for the 101 acre drainage area. Existing area approx. 20% impervious, 4% connected = 4.04 acres IC disconnected.   |           |        |    |                   |    |    |    |    |                    |
| 7/16/2013           | Completed          | NO  | NE25-7424                       | 36 Kreiger Lane       | Lexington Partners, LLC-Special Permit 14-03 Sub Region Drainage Basin 4007-00-1  | 63' of Underground Infiltration trenches  |                     |                         | 0.36                              | -0.89                                 |                      | 0.36                    | -0.89                       | 2638.47                 | 10.7%                  | 1055.51                     | 4.3%                       | -1.1%            | Expansion of existing parking lot which was incorporated into the Flanagans Landing Project. Pre IC = 38,659 S.F./0.89 Acres. Post IC =54,553 S.F./ 1.25 Acres   |           |        |    |                   |    |    |    |    |                    |
| 4/1/2014            | Completed          | 8,729 S.F./0.20 Acres of old pavement included in 2014 IC | MA15-6009                       | 41 Hebron Avenue      | Schwartz Real Estate-Special Permit 14-07 Sub Region Drainage Basin 4007-00-1   | 64' of Stormtech SC-740 Underground Infiltration chambers   |                     |                         | 0.45                              | -0.07                                 |                      | 0.45                    | -0.07                       | 2638.92                 | 10.8%                  | 1055.44                     | 4.3%                       | -1.1%            | Construction of a 7,891 S.F./0.18 Acre Restaurant/Retail Building with 14,800 S.F./0.34 Acre parking lot. Project included the demolition of an existing 2,118 S.F./0.05 Acre house and removal of 8,729 S.F./0.20 Acres of pavement. Pre IC = 0.07 Acres. Post IC = 0.52 Acres, all disconnected.           |           |        |    |                   |    |    |    |    |                    |
| 3/4/2014            | Completed          | NO  | NE25-131                        | 2638/2670 Main Street | Accubbranch, LLC-Special Permit 14-09 Sub Region Drainage Basin 4006-00-2-R6  | 126' of Stormtech SC-740 Underground Infiltration chambers and Drywells for roof draiange infiltration.   |                     |                         | 0.07                              | -0.65                                 |                      | 0.07                    | -0.65                       | 2638.99                 | 10.8%                  | 1054.79                     | 4.3%                       | -1.2%            | Construction of a 3,060 S.F. bank/drive thru building with additional parking lot modifications. Reconstruction of the storm draiange system to comply with current standards. Pre IC =28,602 S.F./0.65 Acres. Post IC = 31,455 S.F./ 0.72 Acres. 0.94 Acre drainage area disconnected per WQV computations. |           |        |    |                   |    |    |    |    |                    |

| PROJECT INFORMATION |                    |                                       |                        |                               |   |  | NEW DEVELOPMENT     |                         | REDEVELOPMENT                     |                                       | RETROFITS            | CHANGE                  |                             | CUMULATIVE TOTALS       |                        |                             |                            |                  | NOTES & REFERENCES  |
|---------------------|--------------------|---------------------------------------|------------------------|-------------------------------|---|--|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|---|
| 1/1/2026            |                    |                                       |                        |                               |   |  | 5                   | 6                       | 7                                 | 8                                     | 9                    | 10                      | 11                          | 12                      | 13                     | 14                          | 15                         | 16               | 16  |
| Date Approved       | Date of Completion | Included in 2012 IC Baseline Coverage | Outfall ID#            | Address                       | Project Name/Owner  | practice   | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References  |
| 4/1/2014            | Completed          | NO                                    | MA15-6009              | 41 Hebron Avenue              | Schwartz Real Estate-Special Permit 14-13 Sub Region Drainage Basin 4007-00-1                             | 7' of additional Stormtech SC-740 Underground Infiltration chambers                |                     |                         | 0.07                              | 0.00                                  |                      | 0.07                    | 0.00                        | 2639.06                 | 10.8%                  | 1054.79                     | 4.3%                       | -1.2%            | Construction of an additional 563 S.F. to and existing building. Pre IC = 22,691 S.F./0.52 Acres. Post IC = 25,855 S.F./ 0.59 Acres.  |
| 3/18/2014           | Completed          | NO                                    | NE25-7714              | 767 New London Turnpike       | Monaco Management, LLC-Special Permit 14-23 Sub Region Drainage Basin 4007-00-1-L3                        | 42.6' of Cultec T-80 Underground Infiltration Chambers                             |                     |                         | 0.00                              | -0.04                                 |                      | 0.00                    | -0.04                       | 2639.06                 | 10.8%                  | 1054.75                     | 4.3%                       | -1.2%            | Construction of a 1,600 S.F./0.04 Acre addition. Addition area treated and disconnected with 42.6' of Underground Infiltration chambers. Pre IC = 43,191 S.F./ 0.99 Acres. Post IC = 43,191 S.F./ 0.99 Acres, new IC disconnected.  |
| 8/19/2014           | Completed          | NO                                    | On-Site Infiltration   | 2109 Main Street              | Town of Glastonbury-Facilities Maintenance Barn- Special Permit 14-35 Sub Region Drainage Basin 4007-00-1 | Concrete Leaching galleys and a Drywell  | 0.27                | 0.00                    |                                   |                                       |                      | 0.27                    | 0.00                        | 2639.33                 | 10.8%                  | 1054.75                     | 4.3%                       | -1.2%            | Construction of a 4,025 S.F./ 0.09 Acres Facilities Maintenance Barn and 7,587 S.F./ 0.17 Acres of Bituminous Parking Lot. Pre IC = 0.00. Post IC = 11,612 S.F./ 0.27 Acres, all new IC disconnected.   |
| 4/21/2015           | Completed          | NO                                    | Drains to Wetland Area | 1672A Diamond Lake Road       | Town of Glastonbury-Greylege Open Space-Special Permit 15-19 Sub Region Drainage Basin 4707-06-1          | Stone Iniltration Trench   | 0.17                | 0.00                    |                                   |                                       |                      | 0.17                    | 0.00                        | 2639.50                 | 10.8%                  | 1054.75                     | 4.3%                       | -1.2%            | Construction of a 7,551 S.F./0.17 Acres paved parking lot. Pre IC = 0.00 Acres. Post IC = 7,551 S.F./ 0.17 Acres new IC disconnected.   |
| 4/21/2015           | Completed          | NO                                    | Drains to Wetland Area | 429 Marlborough Road          | Town of Glastonbury-Arbor Acres Open Space-Special Permit 15-20 Sub Region Drainage Basin 4707-00-2-R4    | Overland sheet flow  |                     |                         | -0.09                             | 0.00                                  |                      | -0.09                   | 0.00                        | 2639.41                 | 10.8%                  | 1054.75                     | 4.3%                       | -1.2%            | Project consisted of the removal of 0.09 acres of existing impervious pavement and reconstruction of a smaller paved parking area reducing IC. Pre Construction IC = 106,812 S.F./ 2.45 Acres. Post Construction IC = 102,931 S.F./ 2.36 Acres.   |
| 12/9/2014           | Completed          | NO                                    | NA25-200               | 2915 and Lot W-14 Main Street | McDonald's USA-Special Permit 15-21 Sub Region Drainage Basin 4006-13-1                                   | Vortechs 1000 Hydrodynamic Separator   |                     |                         | -0.04                             | -0.04                                 |                      | -0.04                   | -0.04                       | 2639.37                 | 10.8%                  | 1054.71                     | 4.3%                       | -1.2%            | Razed and Rebuild a new 6,300 S.F. Restaurant and redesign/reconstruction of new parking lot and storm draiange system. Pre IC = 72,831 S.F./ 1.67 Acres. Post IC = 71,020 S.F./ 1.63 Acres all post IC treated but not disconnected.   |
| 6/2/2015            | Completed          | NO                                    | MA15-3539 Culvert      | 2520 Main Street              | Schwartz Real Estate- Special Permit 15-26 Sub Region Drainage Basin 4006-00-2-R6                         | Stormtech SC-740 Infiltration chambers   |                     |                         | 0.24                              | -0.83                                 |                      | 0.24                    | -0.83                       | 2639.61                 | 10.8%                  | 1053.88                     | 4.3%                       | -1.3%            | Demolition of an existing building and construction of a 8,000 S.F. building and associated parking. Pre IC =36,236 S.F./ 0.83 Acres. Post IC =46,696 S.F./ 1.07 Acres. 1" WQV retained for 0.93 acre draiange area, therefore entire site disconnected.  |
| 6/16/2015           | Completed          | NO                                    |                        | 1-10 Glastonbury Place        | One Glastonbury Place-Glastonbury Developer's Sub Region Drainage Basin 4007-00-1                         | Installation of two (2) Water Quality Basins and Underground Infiltration Chambers |                     |                         | 4.23                              | -0.09                                 |                      | 4.23                    | -0.09                       | 2643.84                 | 10.8%                  | 1053.79                     | 4.3%                       | -1.3%            | Commercial development consisting of the construction of (9) multi story commercial resedential rental apartment/townhouse buildings and a Clubhouse/Pool area and associated parking and covered garages. Pre IC =3,891 S.F./ 0.09 Acres all connected. Post IC = 188,363 S.F./ 4.32 Acres all disconnected. |

|               | PROJECT INFORMATION |                                       |                                  |  |  |  | NEW DEVELOPMENT     |                         | REDEVELOPMENT                     |                                       | RETROFITS            | CHANGE                  |                             | CUMULATIVE TOTALS       |                        |                             |                            |                  | NOTES & REFERENCES  |
|---------------|---------------------|---------------------------------------|----------------------------------|--|--|--|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|---|
|               | 1/1/2026            |                                       |                                  | 2                                      | 3  | 4  | 5                   | 6                       | 7                                 | 8                                     | 9                    | 10                      | 11                          | 12                      | 13                     | 14                          | 15                         | 16               | 16  |
| Date Approved | Date of Completion  | Included in 2012 IC Baseline Coverage | Outfall ID#                      | Address                                | Project Name/Owner   | practice   | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References  |
| 8/27/2015     | Completed           | NO                                    | SA22-895                         | 77 New London Turnpike                 | Town of Glastonbury Housing Authority-Center Village Revitalization Project- Special Permit 17-12 Sub Region Drainage Basin 4006-00-2-R6       | Underground Infiltration/Retention Chambers-Stormtech MC-3500 System   |                     |                         | 0.56                              | -1.67                                 |                      | 0.56                    | -1.67                       | 2644.40                 | 10.8%                  | 1052.12                     | 4.3%                       | -1.4%            | Construction of a 38 Unit Building, renovation and expansion of 34 existing units and demolition of 16 units (3 Buildings) and Community Hall including redesign of existing parking lot. Pre Construction IC =72,745 S.F./ 1.67 Acres connected. Post Construction IC = 97,138 S.F./ 2.23 Acres disconnected.  |
| 9/1/2015      | Not Completed       | NO                                    | Private Outfall to Hubbard Brook | 38 Hubbard Street AKA 1906 Main Street | LAC Group, LLC- Special Permit 15-31 Sub Region Drainage Basin 4007-01-1   | Pervious Pavement Gutter Sections  |                     |                         | 0.00                              | 0.00                                  |                      | 0.00                    | 0.00                        | 2644.40                 | 10.8%                  | 1052.12                     | 4.3%                       | -1.4%            | Reconstruction/Redesign of parking lot with an outfall to Hubbard Brook. Pre IC = 23,347 S.F./ 0.54 Acres connected. Post IC = 35,921 S.F./ 0.82 Acres disconnected. A APPROVED BUT NOT BUILT   |
| 6/7/2016      | Completed           | NO                                    | Overland Flow                    | 295 Hubbard Street                     | Town of Glastonbury-Youth and Family Services Special Permit 16-27 Sub Region Drainage Basin 4007-00-1-L3                                      | Drywell  |                     |                         | 0.03                              | 0.00                                  |                      | 0.03                    | 0.00                        | 2644.43                 | 10.8%                  | 1052.12                     | 4.3%                       | -1.4%            | Construction of a 1,000 S.F./0.02 Acre building addition and 220 S.F./0.01 Acres of concrete sidewalk. Pre IC = 5,242 S.F./ 0.12 Acres.   |
| 6/7/2016      | Completed           | NO                                    | NA25-4481                        | 2615-2639 Main Street                  | CVS-Glastonbury Retail, LLC- Special Permit 16-29 Sub Region Drainage Basin 4006-00-2-R6   | Infiltration Basin with Level Spreader   |                     |                         | 0.34                              | 0.00                                  |                      | 0.34                    | 0.00                        | 2644.77                 | 10.8%                  | 1052.12                     | 4.3%                       | -1.4%            | Infiltration Basin retaining 1" WQV for the proposed 45 space parking lot expansion located in the rear. Pre IC =60,001 S.F./ 1.38 Acres. Post IC = 75,111 S.F./ 1.72 Acres. New IC Disconnected  |
| 9/6/2016      | Completed           | NO                                    | RT94-6768 & AD10-7161            | 1001 Hebron Avenue                     | Developers Realty-Special Permit 16-35 Sub Region Drainage Basin 4006-00-2-R5  | No Treatment Incorporated. Original aproval incorporated Underground Infiltration chambers   |                     |                         | 0.05                              | 0.00                                  |                      | 0.05                    | 0.00                        | 2644.82                 | 10.8%                  | 1052.12                     | 4.3%                       | -1.4%            | Construction of 13 more parking spaces. Pre IC =50,790 S.F./ 1.16 Acres. Post IC = 52,828 S.F./ 1.21 Acres.   |
| 11/15/2016    | Completed           | NO                                    | OA20-2300 & OA20-2304            | 550 Oakwood Drive                      | Wendell's Woods Subdivision- Wendell Lane-Carrier Enterprises, Inc. Sub Region Drainage Basin 4007-00-1-L2                                     | Installation of a Stormwater Management Basin  | 1.13                | 0.00                    |                                   |                                       |                      | 1.13                    | 0.00                        | 2645.95                 | 10.8%                  | 1052.12                     | 4.3%                       | -1.4%            | 12 Lot Subdivision on 15.97 acre parcel, new road and storm drainage. Entire project drains to the Stormwater Management Basin which was designed to retain 1" of rainfall with an overflow to the Town's street drainage system. Pre IC = 0, Post IC = 1.13 acres, all disconnected.                           |
| 1/17/2017     | Completed           | NO                                    | MA15-8193                        | 2155 Main Street                       | PW-908-Town Hall/Academy Complex-Drive and Parking Reconstruction-Town of Glastonbury-Special Permit 17-17 Sub Region Drainage Basin 4007-00-1 | Installation of (2) Water Quality Swales and (2)Underground Detention Systems  |                     |                         | -0.14                             | -4.22                                 |                      | -0.14                   | -4.22                       | 2645.81                 | 10.8%                  | 1047.90                     | 4.3%                       | -1.8%            | Project consisted of reconstruction of the driveway entrance and parking lots which included incorporation of water quality features retaining 1" vs required 0.5" resulting in the disconnection of 4.22 acres from the watershed. Pre IC = 4.22 acres, all connected. Post IC = 4.08 acres, all disconnected. |
| 2/17/2017     | Completed           | NO                                    | OA15-1524 and CO40-2834          | 239 Commerce Street                    | Connecticut Galvanizing-Highway Safety Corporation-Special Permit 17-15 Sub Region Drainage Basin 4006-00-2-R5                                 | Underground Detention System with Installation of an Industrial Wastewater Treatment System discharging into the Sanitary Sewer System |                     |                         | 0.00                              | -4.97                                 |                      | 0.00                    | -4.97                       | 2645.81                 | 10.8%                  | 1042.93                     | 4.2%                       | -2.3%            | Construction of an Underground Detention System with Installation of 1,664 S.F. Metal Building to house an Industrial Wastewater Treatment System discharging into the Sanitary Sewer System. Pre IC =216,524 S.F./ 4.97 Acres. Post IC = 216,524 S.F./ 4.97 Acres.   |

| PROJECT INFORMATION |                    |                                       |                                  |                                |   |  |                     |                         |                                   |                                       |                      |                         |                             |                         |                        | NEW DEVELOPMENT             |                            | REDEVELOPMENT    |  | RETROFITS | CHANGE |    | CUMULATIVE TOTALS |    |    |    |    | NOTES & REFERENCES |
|---------------------|--------------------|---------------------------------------|----------------------------------|--------------------------------|---|--|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|--|-----------|--------|----|-------------------|----|----|----|----|--------------------|
| 1/1/2026            |                    |                                       |                                  |                                |   |  |                     |                         |                                   |                                       |                      |                         |                             |                         |                        | 5                           | 6                          | 7                | 8  | 9         | 10     | 11 | 12                | 13 | 14 | 15 | 16 | 16                 |
| Date Approved       | Date of Completion | Included in 2012 IC Baseline Coverage | Outfall ID#                      | Address                        | Project Name/Owner  | practice   | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References   |           |        |    |                   |    |    |    |    |                    |
| 2/14/2017           | Not Completed      | NO                                    | Drains overland to Roaring Brook | South Mill Drive               | South Mill Village PAD-Phase V-Still Hill Construction, LLC-Mike Kamis Sub Region Drainage Basin 4009-00-3-R5                             | Installation of three (3) Water Quality Basins controlling discharge to Roaring Brook. Four (4) roofs are designed to discharge to underground groundwater recharge units and the remaining roofs are tied into the on-site storm drainage system. | 2.51                | 0.00                    |                                   |                                       |                      | 2.51                    | 0.00                        | 2648.32                 | 10.8%                  | 1042.93                     | 4.2%                       | -2.3%            | Proposed privately owned Planned Area Development consisting of 24 single and double condominium units on 11.36 Acres. Project incorporates internal access driveways, storm sewer, snaitary sewer from South Mill Drive extension. Pre IC =0.00 S.F./ 0.00 Acres. Post IC = 109,211 S.F./ 2.51 Acres all disconnected.  |           |        |    |                   |    |    |    |    |                    |
| 3/15/2017           | Completed          | NO                                    | Entire Site Self Contained       | 1193 Hebron Avenue             | Educational Playcare- Special Permit 17-16 Sub Region Drainage Basin 4006-00-2-L1   | Above Ground Detention Basin with 6 Stormtech SC-310 Infiltration Chambers, Existing CB Drywells   |                     |                         | 0.53                              | 0.00                                  |                      | 0.53                    | 0.00                        | 2648.85                 | 10.8%                  | 1042.93                     | 4.2%                       | -2.3%            | Construction of a 6,760 S.F. addition and additional parking. Pre IC =23,402 S.F./ 0.54 Acres all disconnected. Post IC = 46,677 S.F./ 1.07 Acres all disconnected.  |           |        |    |                   |    |    |    |    |                    |
| 3/21/2017           | Completed          | NO                                    |                                  | 149,151 and 153 Natchaug Drive | Forstner Resubdivision- Natchaug Drive Sub Region Drainage Basin 4006-01-1-L1   | Installation of (3) Rain Gardens   | 3.14                | 0.00                    |                                   |                                       |                      | 3.14                    | 0.00                        | 2651.99                 | 10.8%                  | 1042.93                     | 4.2%                       | -2.3%            | 3 lot resubdivision of 155 Natchaug Drive incorporating 3 rain gardens for treatment of the common driveway areas.   |           |        |    |                   |    |    |    |    |                    |
| 4/19/2017           | Completed          | NO                                    | NA25-200                         | 2941 Main Street               | Shops on Main-Mixed Use Redevelopment of entire site-Carpianato Group-Special Permit 17-27-Phase I Sub Region Drainage Basin 4006-09-2-R3 | Installation of a Water Quality Swale and (2) Hydrodynamic Separators.   |                     |                         | 0.00                              | 0.00                                  |                      | 0.00                    | 0.00                        | 2651.99                 | 10.8%                  | 1042.93                     | 4.2%                       | -2.3%            | Complete redevelopment of the entire 3.72 Acre existing site including demolition of the existing "Pond House Restaurant" site and construction of 3 new commercial buildings. 9,450 S.F./Retail, 8,960 S.F./Retail, 9,158 S.F./Commercial/Restaurant and associated parking. Pre Construction IC = 125,565 S.F./2.88 Acres. Post Construction IC = 125,474 S.F./2.88 Acres. WQV attained for 0.49 Acres. Site plan modified under Phase1/Phase2 Project, tracking performed under that project. |           |        |    |                   |    |    |    |    |                    |
| 4/26/2017           | Completed          | NO                                    | MA15-6009                        | 81 Rankin Road                 | Baribault Realty, LLC-Baribault Jewelers-Special Permit 17-18 Sub Region Drainage Basin 4007-00-1   | 4'x8'x4' Concrete Leaching Galley  |                     |                         | -0.01                             | -0.02                                 |                      | -0.01                   | -0.02                       | 2651.98                 | 10.8%                  | 1042.91                     | 4.2%                       | -2.3%            | Construction of a 627 S.F. addition. Pre Construction IC =25,979 S.F./ 0.60 Acres. Post Construction IC = 25,886 S.F./ 0.59 Acres. New IC disconnected.  |           |        |    |                   |    |    |    |    |                    |
| 6/1/2017            | Completed          | NO                                    | MA15-3527                        | 2855 Main Street-Rear          | Edge Fitness- Special Permit 19-10 Sub Region Drainage Basin 4006-13-1  | Infiltration Swale and Rain Gradens  |                     |                         | 3.53                              | 0.00                                  |                      | 3.53                    | 0.00                        | 2655.51                 | 10.8%                  | 1042.91                     | 4.2%                       | -2.3%            | Construction of a 38,000 S.F Commercial Building with associated parking. Pre IC =58,609 S.F./1.34 Acres. Post IC =211,971 S.F./ 4.87 Acres, all disconnected.   |           |        |    |                   |    |    |    |    |                    |

| PROJECT INFORMATION |                    |                                       |                       |  |   |   | NEW DEVELOPMENT     |                         | REDEVELOPMENT                     |                                       | RETROFITS            | CHANGE                  |                             | CUMULATIVE TOTALS       |                        |                             |                            |                  | NOTES & REFERENCES  |
|---------------------|--------------------|---------------------------------------|-----------------------|--|---|---|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|---|
| 1/1/2026            |                    |                                       |                       |  |   |   | 5                   | 6                       | 7                                 | 8                                     | 9                    | 10                      | 11                          | 12                      | 13                     | 14                          | 15                         | 16               | 16  |
| Date Approved       | Date of Completion | Included in 2012 IC Baseline Coverage | Outfall ID#           | Address                                  | Project Name/Owner  | practice  | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References  |
| 10/17/2017          | Completed          | NO                                    | Wetland               | New London Turnpike                      | Willow Pond Farm Subdivision- New London Turnpike- Nuzzolo Brothers Holding Company, LLC <b>Sub Region Drainage Basin 4007-03-1</b> | Installation of (4) Water Quality Basins to treat driveway/roof run off and a Detention Basin w/Forebay to treat Willow Pond Court run off.   |                     |                         | 1.52                              | -0.35                                 |                      | 1.52                    | -0.35                       | 2657.03                 | 10.8%                  | 1042.56                     | 4.2%                       | -2.3%            | 12 Lot Subdivision on 16.93 acre parcel, new road with storm drainage and a common driveway with water quality basins. Willow Pond Court drains to the Detention Basin w/ Forebay which outlets into an adjacent wetland area. Pre Construction IC = 15,315 S.F./0.35 Acres all connected. Post Construction IC = 81,500 S.F./1.87 Acres, all disconnected.   |
| 10/17/2017          | Completed          | NO                                    | Wetland               | Orchard Street                           | Glastonbury Glen-PAD <b>Sub Region Drainage Basin 4006-00-2-R5</b>  | Installation of a large Water Quality Basin w/Forebay to treat new roadway and driveway/roof run off and utilization of paired 4'x4'x4' Concrete Gallies for underground detention of driveway/roof run off. A portion (0.15 Acres) drains into the Town's storm drainage system located in Orchard Street. | 2.02                | 0.15                    |                                   |                                       |                      | 2.02                    | 0.15                        | 2659.05                 | 10.8%                  | 1042.71                     | 4.2%                       | -2.3%            | 18 Unit private development consisting of a new private road with storm drainage and private sewer system connected to the public sewers. Glen Place drains to a Water Quality Basin w/ Forebay which outlets into an adjacent wetland area. Additional WQV is achieved utilizing paired 4'x4'x4' Concrete Gallies for underground detention of roof and driveway runoff. Pre Construction IC = 0.00 S.F./0.00 Acres. Post Construction IC = 87,556 S.F./2.02 Acres, 0.15 acres of road directly connected. |
| 1/25/2018           | Completed          | NO                                    | Drains into SY10-560  | 49 Sycamore Street                       | Distefano Dentistry-49 Sycamore, LLC - Special Permit 18-32-Building Expansion <b>Sub Region Drainage Basin 4007-00-1</b>           | Installation of a parking lot rain garden island and a water quality basin that discharges to an adjacent wetland.  |                     |                         | 0.31                              | 0.00                                  |                      | 0.31                    | 0.00                        | 2659.36                 | 10.8%                  | 1042.71                     | 4.2%                       | -2.3%            | Commercial development consisting of demolition of an existing house and construction of a commercial building and associated parking. Pre IC = 1,979 S.F./ 0.04 Acres all disconnected. Post IC = 15,371 S.F./ 0.35 Acres all disconnected.  |
| 3/15/2018           | Completed          | NO                                    | Overflow to MA15-6009 | 277-283 Hebron Avenue                    | 4Gatts, LLC- Special Permit 15-14 <b>Sub Region Drainage Basin 4006-00-2-R6</b>   | 24" High Infiltration Galleries   |                     |                         | 0.06                              | 0.00                                  |                      | 0.06                    | 0.00                        | 2659.42                 | 10.8%                  | 1042.71                     | 4.2%                       | -2.3%            | Pre IC =19,124 S.F./0.44 Acres. Post IC =21,562 S.F./ 0.50 Acres, all new IC disconnected.  |
| 5/31/2018           | Completed          | NO                                    | LA25-2118             | Lakewood Road Extension-1098 Main Street | Lakewood Road Extension-Far View Estates Section VI. <b>Sub Region Drainage Basin 4007-04-1</b>                                     | Drywells and Water Quality Basin  | 1.08                | 0.00                    |                                   |                                       |                      | 1.08                    | 0.00                        | 2660.50                 | 10.8%                  | 1042.71                     | 4.2%                       | -2.3%            | Extension of Lakewood Road to service 5 new residential building lots. Pre IC =0 S.F./ 0.00 Acres. Post IC =47,236 S.F./ 1.08 Acres, new IC all disconnected.   |
| 6/12/2018           | Completed          | NO                                    | SE10-417              | 80 Sequin Drive                          | Depersia Development, LLC Special Permit 18-29 <b>Sub Region Drainage Basin 4006-00-2-R5</b>  | 4'x8'x4' Concrete Leaching Galley and Environment 21 V2B1 Model #3 Hydrodynamic Separator   | 0.70                | 0.00                    |                                   |                                       |                      | 0.70                    | 0.00                        | 2661.20                 | 10.8%                  | 1042.71                     | 4.2%                       | -2.3%            | Construction of a 10,092 S.F. Commercial Building with associated parking. Pre Construction IC =0 S.F./ 0.00 Acres. Post Construction IC =29,084 S.F./ 0.70 Acres all new IC disconnected.  |

| PROJECT INFORMATION |  |                                       |                            |                         |   |  | NEW DEVELOPMENT     |                         | REDEVELOPMENT                     |                                       | RETROFITS            | CHANGE                  |                             | CUMULATIVE TOTALS       |                        |                             |                            |                  | NOTES & REFERENCES   |
|---------------------|--|---------------------------------------|----------------------------|-------------------------|---|--|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|--|
| 1/1/2026            |  |                                       |                            |                         |   |  | 5                   | 6                       | 7                                 | 8                                     | 9                    | 10                      | 11                          | 12                      | 13                     | 14                          | 15                         | 16               | 16   |
| Date Approved       | Date of Completion                                     | Included in 2012 IC Baseline Coverage | Outfall ID#                | Address                 | Project Name/Owner  | practice   | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References   |
| 10/16/2018          | Completed  | NO                                    | NA25-4481                  | 25 Naubuc Avenue        | Cortland Place- Tommy Li-Developer- Special Permit 19-06 Sub Region Drainage Basin 4006-00-2-R6   | 628 S.F. Water Quality Basin and 12 " Perforated Storm Drainage pipe.  |                     |                         | 0.35                              | -0.05                                 |                      | 0.35                    | -0.05                       | 2661.55                 | 10.8%                  | 1042.66                     | 4.2%                       | -2.3%            | Demolition of an existing residential home and Construction of a 10 unit condominium complex with associated parking. Pre IC = 2,057 S.F./ 0.05 Acres. Post IC =17,565 S.F./ 0.40 Acres. New IC disconnected.  |
| 11/13/2018          | Completed-476 Naubuc-xx/xx/xx<br>480 Naubuc-02/06/2020 | YES                                   | PU15-2009                  | 476 & 480 Naubuc Avenue | Lovely Development- Special Permit 19-07 Sub Region Drainage Basin4006-09-2-R3  | 2-Water Quality Basins   |                     |                         | 0.55                              | -0.07                                 |                      | 0.55                    | -0.07                       | 2662.10                 | 10.8%                  | 1042.59                     | 4.2%                       | -2.3%            | Demolishing of an existing residential home and subdivide parcel into two commercial development lots. Construction of two medical use buildings. Building #1 =3,183 S.F. and Building #2 = 3,000 S.F.. Pre IC = 3,189 S.F./0.07 Acres connected. Post IC = 26,940 S.F. / 0.62 Acres disconnected.   |
| 12/11/2018          | Completed  | NO                                    | NE25-7402                  | 86 Oak Street           | NU Dimensions, Ent. LLC- Special Permit 19-12 Sub Region Drainage Basin 4007-00-1   | Underground Storage-Lane StormKeeper SK75-2,693 C.F. Chamber Storage and Rain Garden   |                     |                         | 0.68                              | -0.20                                 |                      | 0.68                    | -0.20                       | 2662.78                 | 10.8%                  | 1042.39                     | 4.2%                       | -2.3%            | Construction of a 10,000 S.F. Daycare Facility with associated parking. Pre IC = 12,021 S.F. / 0.28 Acres (0.2 acres connected). Post IC = 41,891 S.F. / 0.96 Acres all disconnected.  |
| 12/11/2018          | Completed  | YES                                   | SY10-1952                  | 400 Hebron Avenue       | Glastonbury Commons-Schwartz Realty-Special Permit 19-11 Sub Region Drainage Basin 4007-00-1  | 3,000 Gallon Storage Tank for capturing roof drainage to be reused for site irrigation and eight (8) Water Quality Basins.   |                     |                         | 0.68                              | -0.62                                 |                      | 0.68                    | -0.62                       | 2663.46                 | 10.9%                  | 1041.77                     | 4.2%                       | -2.4%            | Demolition of seven (7) residential/commercial structures and construction of a 19,904 S.F. single story retail/office/restaurant building with associated parking. Pre IC = 0.62 Acres connected. Post IC = 1.3 Acres all disconnected  |
| 3/5/2019            | Completed  | YES                                   | NA25-200                   | 2941 & 2955 Main Street | Shops on Main-Mixed Use Redevelopment of entire site-Carpianato Group-Special Permit 19-25-Phase I & II Sub Region Drainage Basin 4006-13-1 | Installation of two (2) Water Quality Basins and (3) Hydrodynamic Separators.  |                     |                         | 0.56                              | -2.88                                 |                      | 0.56                    | -2.88                       | 2664.02                 | 10.9%                  | 1038.89                     | 4.2%                       | -2.7%            | Phase I (2941 Main Street) and Phase II (2955 Main Street) redevelopment of the entire existing site. Phase I included demolition of the existing "Pond House Restaurant" site and construction of 3 commercial buildings. 6,300 S.F./Retail/Restaurant, 8,960 S.F./Retail/Restaurant, 9,158 S.F./Commercial/Restaurant and associated parking. Phase II included the parcel aquisition and demolition of the existing State of Connecticut house (2955 Main Street) and the construction of a 10,766 S.F. Mixed Use Commercial building. The Phase I previously approved Pre IC = 125,474 S.F./2.88 Acres all connected. Phase I & Phase II Post IC = 149,790 S.F./3.44 Acres all disconnected. |
| 6/18/2019           | Completed  | YES                                   | Entire Site Self Contained | 1199 Hebron Avenue      | Educational Playcare- Special Permit 19-37 Sub Region Drainage Basin 4006-00-2-L1   | Overland sheet flow to an existing Water Quality Basin located at 1193 Hebron Avenue. Additional WQV was attained be reuse of the existing abandoned septic leach field. |                     |                         | -0.10                             | 0.00                                  |                      | -0.10                   | 0.00                        | 2663.92                 | 10.9%                  | 1038.89                     | 4.2%                       | -2.7%            | Change of use from a Church to a daycare facility. Pre IC= 21,618 S.F./ 0.50 Acres. Post IC= 17,523 S.F./ 0.40 Acres. WQV required=191.2 CF. WQV by design=586.9 CF  |

| PROJECT INFORMATION |                                       |                                       |                        |                          |   |   | NEW DEVELOPMENT     |                         | REDEVELOPMENT                     |                                       | RETROFITS            | CHANGE                  |                             | CUMULATIVE TOTALS       |                        |                             |                            |                  | NOTES & REFERENCES  |
|---------------------|---------------------------------------|---------------------------------------|------------------------|--------------------------|---|---|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|---|
| 1/1/2026            |                                       |                                       |                        |                          |   |   | 5                   | 6                       | 7                                 | 8                                     | 9                    | 10                      | 11                          | 12                      | 13                     | 14                          | 15                         | 16               | 16  |
| Date Approved       | Date of Completion                    | Included in 2012 IC Baseline Coverage | Outfall ID#            | Address                  | Project Name/Owner  | practice  | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References  |
| 8/30/2019           | On Hold Due to Economy- Not completed | NO                                    | NA25-200               | 75 Glastonbury Boulevard | AC Hotel by Marriott- Special Permit 19-53 Sub Region Drainage Basin 4006-13-1            | Installation of two (2) Water Quality Basins, Underground Cultec Recharger 280HD-4,908 C.F. Storage Infiltration Basin, U.G. Watertight Stromtrap 1,232 C.F Flood Storage Basin   | 1.95                | 0.00                    |                                   |                                       |                      | 1.95                    | 0.00                        | 2665.87                 | 10.9%                  | 1038.89                     | 4.2%                       | -2.7%            | Construction of a 4-Story, 23,506 S.F., 131 Room Hotel with associated parking on a vacant 125,721 S.F./ 2.88 Acre parcel. Pre IC= 0 S.F./ 0 Acres Post IC= 84,849 S.F./ 1.95 Acres disconnected.   |
| 5/21/2019           | Completed (2022)                      | NO                                    | SE10-417               | 108 Sequin Drive         | JKS Systems LLC -Special Permit 19-31 Sub Region Drainage Basin 4006-00-2-R5              | Water Quality Basin with Forebay  | 0.45                | 0.00                    |                                   |                                       |                      | 0.45                    | 0.00                        | 2666.32                 | 10.9%                  | 1038.89                     | 4.2%                       | -2.7%            | Construction of a 7,500 S.F. Commercial building with associated parking. Pre IC= 0 S.F. Post IC= 19,700 S.F./0.45 Acres  |
| 2/19/2019           | Completed                             | NO                                    | Drains to Wetland Area | 1000 Chestnut Hill Road  | Cox Communications- Special Permit 19-29 Sub Region Drainage Basin 4009-00-3-R2           | Water Quality Basin w/ Outlet Structure   |                     |                         | 0.12                              | 0.00                                  |                      | 0.12                    | 0.00                        | 2666.44                 | 10.9%                  | 1038.89                     | 4.2%                       | -2.7%            | Construction of a single story building and associated parking lot modifications on a 2.11 Acre parcel. Installation of a 1,966 C.F. Water Quality Basin. Pre IC= 0.13 Acres disconnected. Post IC= 0.25 Acres disconnected   |
| 7/16/2019           | Completed                             | Yes                                   | Wetland Area           | 467 Naubuc Avenue        | JBMAK LLC- Special Permit 19-56 Sub Region Drainage Basin 4006-09-2-R3                    | Water Quality Basin   |                     |                         | 0.04                              | -0.09                                 |                      | 0.04                    | -0.09                       | 2666.48                 | 10.9%                  | 1038.80                     | 4.2%                       | -2.7%            | Change of use from a residential house to a professional office with expanded parking. Pre IC= 3,870 S.F./ 0.09 Acres connected. Post IC= 5,640 S.F./ 0.13 Acres disconnected.  |
| 10/15/2019          | Not Completed                         | Yes                                   | RT94-128               | 311 Hebron Avenue        | 311 Hebron Avenue LLC- Special Permit 19 - 62 Sub Region Drainage Basin 4007-00-1         | 36" Diameter ADS Water Quality Unit with 1,152 S.F. Underground Detention System constructed with 24" x 48" Concrete Galleries encased in 12" of stone. WQV required = 872 C.F. WQV provided = 2,837 C.F.   |                     |                         | 0.18                              | -0.13                                 |                      | 0.18                    | -0.13                       | 2666.66                 | 10.9%                  | 1038.67                     | 4.2%                       | -2.7%            | Demolition of a 1,200 S.F. commercial house and 5,999 S.F. bituminous parking lot. Construction of a 2,847 S.F. 3 story mix use commercial building with associated parking. Pre IC = 5,599 S.F. / 0.13 Acres. Post IC = 13,647 S.F. / 0.31 Acres. Pre DCIA = 0.13 Acres. Post DCIA = 0 Acres |
| 11/19/2019          | Completed                             | YES                                   | NE25-7402              | 70 Oak Street            | Car Wash Services MD, LLC - Special Permit 19 - 69 Sub Region Drainage Basin 4007-00-1-L3 | Water Quality Swale with outlet structure WQV required = 0.016 Ac/Ft. WQV provided = 0.018 Ac/Ft., Detention Basin with dual sediment forebays. Sediment Forebay #1 WQV required = 0.003 Ac/Ft. WQV provided = 0.015 Ac/Ft. Sediment Forebay #2 WQV required = 0.033 Ac/Ft. WQV provided = 0.041 Ac/Ft. |                     |                         | 0.71                              | -0.07                                 |                      | 0.71                    | -0.07                       | 2667.37                 | 10.9%                  | 1038.60                     | 4.2%                       | -2.7%            | Demolition of an existing residential home and construction of a 5,167 S.F. Car Wash building with associated parking. Pre IC = 3,220 S.F. / 0.07 Acres. Post IC = 33,845 S.F. / 0.78 Acres. Pre DCIA= 0.07 Acres. Post DCIA= 0 Acres   |

| PROJECT INFORMATION |                    |                                       |               |                   |  |   |                     |                         |                                   |                                       |                      |                         |                             |                         |                        | NEW DEVELOPMENT             |                            | REDEVELOPMENT    |  | RETROFITS | CHANGE |    | CUMULATIVE TOTALS |    |    |    |    | NOTES & REFERENCES |
|---------------------|--------------------|---------------------------------------|---------------|-------------------|--|---|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|--|-----------|--------|----|-------------------|----|----|----|----|--------------------|
| 1/1/2026            |                    |                                       |               |                   |  |   |                     |                         |                                   |                                       |                      |                         |                             |                         |                        | 5                           | 6                          | 7                | 8  | 9         | 10     | 11 | 12                | 13 | 14 | 15 | 16 | 16                 |
| Date Approved       | Date of Completion | Included in 2012 IC Baseline Coverage | Outfall ID#   | Address           | Project Name/Owner   | practice  | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References   |           |        |    |                   |    |    |    |    |                    |
| 12/10/2019          | Completed          | YES                                   | RT94-128      | 340 Hebron Avenue | Gottfried & Somberg Wealth Management- Special Permit 20-03 Sub Region Drainage Basin 4007-00-1  | 36" Diameter ADS Water Quality Unit with Underground Detention System constructed with 12" x 48" Concrete Galleries encased in 12" of stone. WQV required = 2,949 C.F. WQV provided = 13,327 C.F.   |                     |                         | 0.39                              | -0.36                                 |                      | 0.39                    | -0.36                       | 2667.76                 | 10.9%                  | 1038.24                     | 4.2%                       | -2.7%            | Demolition of an existing single story building #330 Hebron Avenue and an existing 2 1/2 story commercial building #340 Hebron Avenue and parking lot. Construction of a 3 story 6,702 S.F. Commercial building with associated parking. Pre IC = 15,871 S.F. / 0.36 Acres. Post IC = 32,474 S.F. / 0.75 Acres. Pre DCIA = 0.36 Acres. Post DCIA = 0 Acres |           |        |    |                   |    |    |    |    |                    |
| 3/3/2020            | Completed (2025)   | YES                                   | TR30-4044     | Lot S-4 Dug Road  | River Road Subdivision-Phase 3- William M. Dufford- Sub Region Drainage Basin 4000-00-6+R16  | Installation of 56 lf of 48" concrete galleries, Five (5) 6'H x 8' Dia. Drywells, and One (1) 8'h X 8' Dia. Drywell. Total WQV required = 5,060 C.F. WQV provided = 5,688 C.F.  | 0.95                | 0.00                    |                                   |                                       |                      | 0.95                    | 0.00                        | 2668.71                 | 10.9%                  | 1038.24                     | 4.2%                       | -2.7%            | Extension of Dufford's Landing to service 6 new residential building lots know as River Road Subdivision-Phase 3. Pre Construction IC =0 S.F./ 0.00 Acres. Post Construction IC =41,382 S.F./ 0.95 Acres, Pre Development Connected IC = 0.0 S.F. / 0.0 Acres. Post Development Connected IC = 0.0 S.F. / 0.0 Acres.                                       |           |        |    |                   |    |    |    |    |                    |
| 6/20/2020           | Completed          | YES                                   | WTLB-08       | 2407 Main Street  | Welles Turner Memorial Library Addition-Town of Glastonbury- Special Permit 20 -17 Sub Region Drainage Basin 4007-00-1                         | Project resulted in no net increase in impervious surfaces  |                     |                         | 0.00                              | 0.00                                  |                      | 0.00                    | 0.00                        | 2668.71                 | 10.9%                  | 1038.24                     | 4.2%                       | -2.7%            | Project resulted in no net increase in impervious surfaces   |           |        |    |                   |    |    |    |    |                    |
| 7/21/2020           | Not Completed      | YES                                   | Overland Flow | 181A Main Street  | Dorethy's Place I Subdivision- 181A Main Street-Gauranteed Maintenance and Development, LLC (Paul Jacques) Sub Region Drainage Basin 4000-30-1 | Lot 1 Roof and Drive WQV drains to 22'x3' x 2.5' deep level spreader. WQV required= 684 C.F. WQV provided= 715 C.F. Lot 2 Roof and Drive WQV drains to 23' x 3' x 2.5' deep level spreader. WQV required= 732 C.F. WQV provided= 748 C.F. | 0.38                | 0.00                    |                                   |                                       |                      | 0.38                    | 0.00                        | 2669.09                 | 10.9%                  | 1038.24                     | 4.2%                       | -2.7%            | Development of a vacant rear lot parcel to service 2 new residential building lots. Pre IC =0 S.F./ 0.00 Acres. Post IC =16,553 S.F./ 0.38 Acres, new IC all disconnected.   |           |        |    |                   |    |    |    |    |                    |

| PROJECT INFORMATION |                    |                                       |               |                              |   |   | NEW DEVELOPMENT     |                         | REDEVELOPMENT                     |                                       | RETROFITS            | CHANGE                  |                             | CUMULATIVE TOTALS       |                        |                             |                            |                  | NOTES & REFERENCES   |
|---------------------|--------------------|---------------------------------------|---------------|------------------------------|---|---|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|--|
| 1/1/2026            |                    |                                       |               |                              |   |   | 5                   | 6                       | 7                                 | 8                                     | 9                    | 10                      | 11                          | 12                      | 13                     | 14                          | 15                         | 16               | 16   |
| Date Approved       | Date of Completion | Included in 2012 IC Baseline Coverage | Outfall ID#   | Address                      | Project Name/Owner  | practice  | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References   |
| 7/21/2020           | Completed          | YES                                   | Overland Flow | 180 Main Street              | Dorethy's Place II Subdivision-180 Main Street-Gauranteed Maintenance and Development, LLC (Paul Jacques) <b>Sub Region Drainage Basin 4000-30-1 and 4000-35-1-11</b> | Lot 1 Roof and Drive WQV drains to 23' x 3' x 2' deep level spreader. WQV required= 489 C.F. WQV provided= 489 C.F. Lot 2 Roof and Drive WQV drains to 16' x 3' x 2' deep level spreader. WQV required= 344 C.F. WQV provided= 344 C.F. Lot 3 Roof and Drive WQV drains to 14' x 3' x 2' deep level spreader. WQV required= 304 C.F. WQV provided= 304 C.F. Lot 4 Roof and Drive WQV drains to 13' x 3' x 2' deep level spreader. WQV required= 283 C.F. WQV provided= 283 C.F. Lot 3 and 4 Shared Drive WQV drains to (4) Cultec 280HD Units with 18" stone. WQV required= 354 C.F. WQV provided= 354 C.F. | 0.38                | 0.00                    |                                   |                                       |                      | 0.38                    | 0.00                        | 2669.47                 | 10.9%                  | 1038.24                     | 4.2%                       | -2.7%            | Demolition of an existing SFD to create a subdivision to service 4 new residential building lots. Pre IC =4,907 S.F./ 0.11 Acres. Post IC =21,381 S.F./ 0.49 Acres, new IC all disconnected.   |
| 7/21/2020           | Completed          | YES                                   | Wetland Area  | 233 Eastern Boulevard        | 233 Eastern Blvd Associates LLC-Central Rock Gym Additional Parking Lot- Special Permit 20-14 <b>Sub Region Drainage Basin 4006-06-1</b>                              | Water Quality Basin with outlet structure. WQV required= 3,185 C.F. WQV provided= 3,828 C.F.  | 0.44                | 0.00                    |                                   |                                       |                      | 0.44                    | 0.00                        | 2669.91                 | 10.9%                  | 1038.24                     | 4.2%                       | -2.7%            | Construction of an additional parking lot with water quality basin to service Central Rock Gym (259 Eastern Boulevard. 233 Eastern Boulevard- Pre Construction IC = 0.00 Acres. Post Construction IC = 19,232 S.F. / 0.44 Acres.   |
| 7/21/2020           | Completed          | YES                                   | MA15-6009     | 109- 117 New London Turnpike | Ferfeld Investments LLC- JP Morgan Chase Bank - Special Permit 20 -12 <b>Sub Region Drainage Basin 4007-00-1</b>  | Underground detantion system utilizing 27-STROMTECH MC-3500 D Chambers. Redevelopment WQV required = 1,307 C.F. WQV provided = 1,333 C.F.   |                     |                         | 0.07                              | -0.62                                 |                      | 0.07                    | -0.62                       | 2669.98                 | 10.9%                  | 1037.62                     | 4.2%                       | -2.8%            | Demolition of two (2) commercial 2-story condo buildings. 109-111 New London Turnpike = 3,624 S.F. and 115-117 New London Turnpike = 3,672 S.F.. Construction of a 3,470 S.F. single story Bank building and associated parking on a 0.94 Acre parcel. Pre Construction IC =27,225 S.F. / 0.63 Acres. Post Construction IC = 30,463 S.F. / 0.70 Acres. Pre development Connected IC = 27,225 S.F. / 0.63 Acres. Post development connected IC = 276 S.F. / 0.01 Acres. |

| PROJECT INFORMATION |                    |                                       |              |                       |  |  |                     |                         |                                   |                                       |                      |                         |                             |                         |                        | NEW DEVELOPMENT             |                            | REDEVELOPMENT    |   | RETROFITS | CHANGE |    | CUMULATIVE TOTALS |    |    |    |    | NOTES & REFERENCES |
|---------------------|--------------------|---------------------------------------|--------------|-----------------------|--|--|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|---|-----------|--------|----|-------------------|----|----|----|----|--------------------|
| 1/1/2026            |                    |                                       |              |                       |  |  |                     |                         |                                   |                                       |                      |                         |                             |                         |                        | 5                           | 6                          | 7                | 8   | 9         | 10     | 11 | 12                | 13 | 14 | 15 | 16 | 16                 |
| Date Approved       | Date of Completion | Included in 2012 IC Baseline Coverage | Outfall ID#  | Address               | Project Name/Owner   | practice   | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References  |           |        |    |                   |    |    |    |    |                    |
| 8/18/2020           | Completed          | YES                                   | HO55-2319    | 103 House Street      | Proposed Townhouses- 103 House Street, LLC-Special Permit 21 -04 Sub Region Drainage Basin 4006-00-2-R6                        | 4-Underground detantion systems utilizing STROMTECH SC-740 Chambers. Development WQV required = 3,328 C.F. WQV provided = 9,131 C.F.   |                     |                         | 0.75                              | -0.19                                 |                      | 0.75                    | -0.19                       | 2670.73                 | 10.9%                  | 1037.43                     | 4.2%                       | -2.8%            | Demolition of an existing single family house and the construction of three (3) Townhouse/Apartment buildings totalling 17 individual units with associated parking on a 1.05 Acre revised parcel area. Pre Construction IC =8,276 S.F. / 0.19 Acres. Post Construction IC = 40,946 S.F. / 0.94 Acres. Pre Development Connected IC = 8,276 S.F. / 0.19 Acres. Post Development Connected IC = 0.0 S.F. / 0.0 Acres.  |           |        |    |                   |    |    |    |    |                    |
| 10/6/2020           | Completed          | YES                                   | Wetland Area | 219 Addison Road      | TrueNorth, Inc.- The Offices at Addison Square-Special Permit 21 -11 Sub Region Drainage Basin 4006-06-1                       | 4-Underground detantion systems utilizing STROMTECH SC-740 Chambers and Detention Basin. Development WQV required = 4,786 C.F. WQV provided = 5,800 C.F.   |                     |                         | 1.19                              | -0.15                                 |                      | 1.19                    | -0.15                       | 2671.92                 | 10.9%                  | 1037.28                     | 4.2%                       | -2.8%            | Demolition of all existing structure remains and the construction of four (4) Medical/Office buildings totalling 18 individual units with associated parking on a 2.42 Acre parcel area. Pre Construction IC =6,770 S.F. / 0.15 Acres. Post Construction IC = 58,505 S.F. / 1.34 Acres. Pre Development Connected IC = 6,770 S.F. / 0.15 Acres. Post Development Connected IC = 0.0 S.F. / 0.0 Acres.   |           |        |    |                   |    |    |    |    |                    |
| 11/17/2020          | Completed          | YES                                   | GHSL-160     | 330 Hubbard Street    | Town of Glastonbury- Glastonbury High School- Proposed Locker Rooms- Special Permit 21 -14 Sub Region Drainage Basin 4007-01-1 | Project resulted in no net increase in impervious surfaces   |                     |                         | 0.00                              | 0.00                                  |                      | 0.00                    | 0.00                        | 2671.92                 | 10.9%                  | 1037.28                     | 4.2%                       | -2.8%            | Project resulted in no net increase in impervious surfaces  |           |        |    |                   |    |    |    |    |                    |
| 11/17/2020          | Completed          | NO                                    | WE30-2377    | 280 Western Boulevard | Gateway V-Casle Corporation- Special Permit 21 -27 Sub Region Drainage Basin 4006-06-1 and 4006-00-2-R5                        | Stormwater Quality Basins with incorporated Forebays and Outlet Control structure. Development WQV required = 9,273 C.F. WQV provided = 11,238 C.F.  |                     |                         | 2.57                              | 0.00                                  |                      | 2.57                    | 0.00                        | 2674.49                 | 10.9%                  | 1037.28                     | 4.2%                       | -2.8%            | Construction of Two (2) Medical Office Buildings and associated parking on a 4.83 Acre parcel. Building 1 = 15,000 S.F. Building 2 = 15,250 S.F. Pre Construction IC= 0.00 S.F./ 0.0 Acres. Post Construction IC= 111,949 S.F./ 2.57 Acres. Pre Development Connected IC= 0.0 S.F./ 0.0 Acres. Post Development Connected IC= 0.00 S.F./ 0.0 Acres.   |           |        |    |                   |    |    |    |    |                    |
| 1/19/2021           | Completed          | YES                                   | Wetland Area | 524 Bell Street       | Stallion Ridge Subdivision 29 New House Lots Sub Region Drainage Basin 4006-00-2-R1  | (2) Stormwater Detention/Water Quality Basins with incorporated Forebays and Outlet Control structures, Individual House lot level spreaders and bioretention systems, and grass lined water quality swales. Total WQV required = 12,544 C.F. Total WQV provided = 25,700 C.F. |                     |                         | 3.54                              | -0.50                                 |                      | 3.54                    | -0.50                       | 2678.03                 | 10.9%                  | 1036.78                     | 4.2%                       | -2.9%            | 29 Lot Subdivision on 34.25 acre parcel, new road with storm drainage, (2) detention/water quality basins, Individual House lot level spreaders and bioretention systems, and grass lined water quality swales. Stallion Drive drains to the (2) Detention/Water Quality Basins w/ Forebays which outlets into an adjacent wetland area. Pre Construction IC = 21,780 S.F./0.50 Acres. Post Construction IC = 175,982 S.F./4.04 Acres. Pre Development Connected IC= 21,780 S.F./ 0.5 Acres. Post Development Connected IC= 0.00 S.F./ 0.0 Acres. |           |        |    |                   |    |    |    |    |                    |

| PROJECT INFORMATION |                    |                                       |                      |                       |  |  | NEW DEVELOPMENT     |                         | REDEVELOPMENT                     |                                       | RETROFITS            | CHANGE                  |                             | CUMULATIVE TOTALS       |                        |                             |                            |                  | NOTES & REFERENCES  |
|---------------------|--------------------|---------------------------------------|----------------------|-----------------------|--|--|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|---|
| 1/1/2026            |                    |                                       |                      |                       |  |  | 5                   | 6                       | 7                                 | 8                                     | 9                    | 10                      | 11                          | 12                      | 13                     | 14                          | 15                         | 16               | 16  |
| Date Approved       | Date of Completion | Included in 2012 IC Baseline Coverage | Outfall ID#          | Address               | Project Name/Owner   | practice   | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References  |
| 3/16/2021           | Completed          | YES                                   | Wetland Area         | 2834 Main Street      | Michael Cassetta- Dairy Queen - Special Permit 21 -12 Sub Region Drainage Basin 4006-00-2-R6   | Proposal was a special permit modification for re-use of the existing facility. No modifications to the existing drainage was proposed.  |                     |                         | -0.01                             | -0.01                                 |                      | -0.01                   | -0.01                       | 2678.02                 | 10.9%                  | 1036.77                     | 4.2%                       | -2.9%            | Proposal was a special permit modification for re-use of the existing facility. No modifications to the existing drainage was proposed. Pre Construction IC = 25,121 S.F./0.577 Acres. Post Construction IC = 24,711 S.F./0.567 Acres. Pre Development Connected IC= 20,621 S.F./ 0.47 Acres. Post Development Connected IC= 20,273 S.F./ 0.46 Acres.   |
| 4/6/2021            | Completed          | YES                                   | Wetland Area         | 256 Knollwood Drive   | Michael Pucci- Casella Subdivision- 3 Lot Residential Subdivision- Sub Region Drainage Basin 4009-00-2-R2  | Privately owned Stormwater Detention/Water Quality Basin with incorporated Forebay and Outlet Control structure. Total WQV required = 1,987 C.F. Total WQV provided = 2,161 C.F.   | 0.51                | 0.06                    |                                   |                                       |                      | 0.51                    | 0.06                        | 2678.53                 | 10.9%                  | 1036.83                     | 4.2%                       | -2.9%            | 3 Lot Subdivision on 11.73 acre parcel, rear lots with common driveway including storm drainage, detention/water quality basin with forebay and outlet structure which outlets into an adjacent wetland area. Pre Construction IC = 249 S.F./0.006 Acres. Post Construction IC = 22,375 S.F./0.51 Acres. Pre Development Connected IC= 249 S.F./ 0.006 Acres. Post Development Connected IC= 2,526 S.F./ 0.06 Acres.  |
| 5/4/2021            | Completed          | YES                                   | NA20-796             | 107 Eastern Boulevard | WE 35 Natinal Drive, LLC c/o Winstanley Enterprises LLC- Redevelopment for Amazon Distribution facility- Special Permit 21-16 Sub Region Drainage Basin 4006-00-2-R5 | Installation of Two (2) separate subsurface detention systems. System 1 utilizes ADS Stormtech MC-3500 chambers consisting of 248 infiltration chambers and 56 isolator row chambers totalling 304 chambers. System 2 utilizes ADS Stormtech SC-740 chambers consisting of 40 infiltration chambers and 8 Isolater row chambers totalling 48 chambers. Additional treatment consists of the installation of 102 LF of 24" Perforated HDPE. Total WQV required = 14,876 C.F. Total WQV provided = 15,454 C.F. |                     |                         | 3.72                              | -3.39                                 |                      | 3.72                    | -3.39                       | 2682.25                 | 10.9%                  | 1033.44                     | 4.2%                       | -3.2%            | Redevelopment project consists of the Installation of Two (2) separate subsurface detention systems. System 1 utilizes ADS Stormtech MC-3500 chambers consisting of 248 infiltration chambers and 56 isolator row chambers totalling 304 chambers. System 2 utilizes ADS Stormtech SC-740 chambers consisting of 40 infiltration chambers and 8 Isolater row chambers totalling 48 chambers. Additional treatment consists of the installation of 102 LF of 24" Perforated HDPE. Total WQV required = 14,876 C.F. Total WQV provided = 15,454 C.F. Pre Construction IC = 204,325 S.F./4.69 Acres. Post Construction IC = 366,549 S.F./8.41 Acres. Pre Development Connected IC= 204,325 S.F./ 4.69 Acres. Post Development Connected IC= 56,676 S.F./ 1.30 Acres. |
| 6/15/2021           | Not Completed      | YES                                   | On-Site Infiltration | 31 Hopewell Road      | Bradley Churchill- Contrail, LLC- Proposed 3 Lot Subdivision- Sub Region Drainage Basin 4009-00-3-R5   | Project incorporated three (3) individual rain gardens on each of the proposed building lots. Lots 2 and 3 incorporated additional subsurface infiltration for the roof draiange. Lot 1 Rain garden WQV required = 78 C.F. WQV provided = 78 C.F. Lots 2 and 3 Rain Garden WQV required (each) = 102 C.F. WQV provided (each) = 102 C.F. Roof Infiltration WQV required (each) = 125 C.F. WQV provided (each) = 125 C.F.   | 0.12                | 0.00                    |                                   |                                       |                      | 0.12                    | 0.00                        | 2682.37                 | 10.9%                  | 1033.44                     | 4.2%                       | -3.2%            | Project incorporated three (3) individual rain gardens on each of the proposed building lots. Lots 2 and 3 incorporated additional subsurface infiltration for the roof draiange. Lot 1 Rain garden WQV required = 78 C.F. WQV provided = 78 C.F. Lots 2 and 3 Rain Garden WQV required (each) = 102 C.F. WQV provided (each) = 102 C.F. Roof Infiltration WQV required (each) = 125 C.F. WQV provided (each) = 125 C.F. Pre Construction IC = 1,742 S.F./0.04 Acres. Post Construction IC = 6,970 S.F./0.16 Acres. Pre Development Connected IC= 1,742 S.F./ 0.04 Acres. Post Development Connected IC= 0.00 S.F./ 0.00 Acres.   |

| PROJECT INFORMATION |                           |                                       |                                     |                   |  |  |                     |                         |                                   |                                       |                      |                         |                             |                         |                        | NEW DEVELOPMENT             |                            | REDEVELOPMENT    |  | RETROFITS | CHANGE |    | CUMULATIVE TOTALS |    |    |    |    | NOTES & REFERENCES |
|---------------------|---------------------------|---------------------------------------|-------------------------------------|-------------------|--|--|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|--|-----------|--------|----|-------------------|----|----|----|----|--------------------|
| 1/1/2026            |                           |                                       |                                     |                   |  |  |                     |                         |                                   |                                       |                      |                         |                             |                         |                        | 5                           | 6                          | 7                | 8  | 9         | 10     | 11 | 12                | 13 | 14 | 15 | 16 | 16                 |
| Date Approved       | Date of Completion        | Included in 2012 IC Baseline Coverage | Outfall ID#                         | Address           | Project Name/Owner   | practice   | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References   |           |        |    |                   |    |    |    |    |                    |
| 7/20/2021           | Completed                 | YES                                   | Drains to CT. River                 | 300 Welles Street | Town of Glastonbury- Proposed Pickleball Courts located at the Riverfront Community Center- <b>Sub Region Drainage Basin 4000-00-6+R12</b> | Project is for the construction of a 8,750 S.F. Bituminous surface Pickleball Court. Sormwater management incorporated the use of a stone infiltration trench and a water quality rain garden. Total WQV required = 690 C.F. Total WQV provided = (Rain Garden) 352 C.F. + (Stone Infiltration Trench) 360 C.F. = 712 C.F.                 | 0.20                | 0.00                    |                                   |                                       |                      | 0.20                    | 0.00                        | 2682.57                 | 10.9%                  | 1033.44                     | 4.2%                       | -3.2%            | Project is for the construction of a 8,750 S.F. Bituminous surface Pickleball Court. Sormwater management incorporated the use of a stone infiltration trench and a water quality rain garden. Total WQV required = 690 C.F. Total WQV provided = (Rain Garden) 352 C.F. + (Stone Infiltration Trench) 360 C.F. = 712 C.F. Pre Construction IC = Unknown S.F./Unknown Acres. Post Construction IC = Additional 8,750 S.F./0.20 Acres. Pre Development Connected IC= Unknown S.F./ Unknown Acres. Post Development Connected IC= 0.00 S.F./ 0.00 Acres. |           |        |    |                   |    |    |    |    |                    |
| 8/10/2021           | Completed                 | YES                                   | Wetland Area                        | 1040 Main Street  | Carrier Construction, Inc- Proposed 7 Lot Subdivision- <b>Sub Region Drainage Basins 4007-04-1 and 4009-003-R5</b>                         | Stormwater management for this project incorporates a Water Quality Basin w/ Forebay draining to a wetland area in the northeast corner of the property. Individual house lots have incorporated the use of subsurface detention chambers for treatment of rooftop runoff. Total WQV required = 3,468 C.F. Total WQV provided = 6,896 C.F. | 1.13                | 0.13                    |                                   |                                       |                      | 1.13                    | 0.13                        | 2683.70                 | 10.9%                  | 1033.57                     | 4.2%                       | -3.2%            | Stormwater management for this project incorporates a Water Quality Basin w/ Forebay draining to a wetland area in the northeast corner of the property. Individual house lots have incorporated the use of subsurface detention chambers for treatment of rooftop runoff. Total WQV required = 3,468 C.F. Total WQV provided = 6,896 C.F. Pre Construction IC = 1,742 S.F./0.04 Acres. Post Construction IC = 50,530 S.F./1.16 Acres. Pre Development Connected IC= 1,742 S.F./ 0.04 Acres. Post Development Connected IC= 5,663 S.F./ 0.13Acres.     |           |        |    |                   |    |    |    |    |                    |
| 1/4/2022            | Under Construction (2025) | YES                                   | Private Outfall to Hubbard Brook    | 38 Hubbard Street | "Warehouse 38" JS Advisors LLC- <b>Sub Region Drainage Basin 4007-01-1</b>   | Stormwater management for this project utilizes (2) Rain gardens and underground infiltration utilizing 12" High low profile concrete galleries with stone embedment. Total WQV required = 3,468 C.F. Total WQV provided = 6,896 C.F.  |                     |                         | 0.16                              | -0.03                                 |                      | 0.16                    | -0.03                       | 2683.86                 | 10.9%                  | 1033.54                     | 4.2%                       | -3.2%            | Reconstruction/Redesign of parking lot with an outfall to Hubbard Brook. Pre IC = 30,056 S.F./ 0.69 Acres connected. Post IC = 37,026 S.F./ 0.85 Acres.  |           |        |    |                   |    |    |    |    |                    |
| 4/19/2022           | Completed                 | YES                                   | Main Street Culvert at Salmon Brook | 2756 Main Street  | The Car Wash Glastonbury- Redevelopment- Special Permit 22-09 <b>Sub Region Drainage Basin 4006-00-2-R6</b>                                | (2) Water Quality Basins and underground infiltration utilizing Stormtech SC-740 Chambers. WQV required = 737 C.F. WQV provided = 812 C.F.   |                     |                         | -0.02                             | -0.65                                 |                      | -0.02                   | -0.65                       | 2683.84                 | 10.9%                  | 1032.89                     | 4.2%                       | -3.2%            | Project involves redevelopment of the existing car wash facility with associated parking. Stormwater management consists of the use of (2) Water Quality Basins (421 CF & 166 CF) and underground infiltration utilizing Stormtech SC_740 chambers (225 CF). Pre Construction IC = 28,314 S.F./0.65 Acres. Post Construction IC = 27,443 S.F./0.63 Acres. Pre Development Connected IC= 8,314 S.F./ 0.65 Acres. Post Development Connected IC= 0 S.F./ 0.0 Acres.  |           |        |    |                   |    |    |    |    |                    |

| PROJECT INFORMATION |                            |                                       |              |                      |   |  | NEW DEVELOPMENT     |                         | REDEVELOPMENT                     |                                       | RETROFITS            | CHANGE                  |                             | CUMULATIVE TOTALS       |                        |                             |                            |                  | NOTES & REFERENCES   |
|---------------------|----------------------------|---------------------------------------|--------------|----------------------|---|--|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|--|
| 1/1/2026            |                            |                                       |              |                      |   |  | 5                   | 6                       | 7                                 | 8                                     | 9                    | 10                      | 11                          | 12                      | 13                     | 14                          | 15                         | 16               | 16   |
| Date Approved       | Date of Completion         | Included in 2012 IC Baseline Coverage | Outfall ID#  | Address              | Project Name/Owner  | practice   | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References   |
| 7/5/2022            | Completed                  | No                                    | SY10-1952    | 400 Hebron Avenue    | Trader Joes Site Modifications- Special Permit 22-12 Sub Region Drainage Basin 4007-00-1                      | Stormwater management for this addition/modification consists of the installation of two (2) underground detention systems utilizing 12" High concrete leaching galleries discharging to the existing onsite storm drainage system.  |                     |                         | 0.09                              | -0.12                                 |                      | 0.09                    | -0.12                       | 2683.93                 | 10.9%                  | 1032.77                     | 4.2%                       | -3.2%            | Project involves an expansion to the existing site to accommodate a building addition and parking area. The addition of two abutting properties was acquired under this project. Pre Construction IC = 5,445 S.F./0.125 Acres. Post Construction IC = 9,409 S.F./0.216 Acres. Pre Development Connected IC= 5,445 S.F./0.125 Acres. Post Development Connected IC= 131 S.F./ 0.003 Acres.  |
| 7/19/2022           | Not Completed Yet          | YES                                   | RT94-21011   | 1199 Manchester Road | Manchester/Hebron Ave LLC- Special Permit 22 -17 Sub Region Drainage Basin 4006-02-L1 and 4009-04-1           | Underground infiltration utilizing 36" Perforated CHDPE in conjunction with an in-site Vortechnic Chamber to treating 0.72 CFS of WCF . WQV required (North & East Roof) = 482 C.F. WQV provided = 818 C.F. , WQV required (South & West Roof/Parking Lot) = 3,517 C.F. WQV provided = 6,650 C.F. Total WQV required = 3,999 C.F., Total WQV provided = 7,468 C.F. | 1.18                | 0.01                    |                                   |                                       |                      | 1.18                    | 0.01                        | 2685.10                 | 10.9%                  | 1032.78                     | 4.2%                       | -3.2%            | Project involves the construction of a 5- story residential apartment building with associated parking on the vacant parcel of land. Stormwater management 36" Perforated CHDPE in conjunction with an on-site Vortechnic Chamber to treating 0.72 CFS of WCF. Pre Construction IC = 0 S.F./0 Acres. Post Construction IC = 51,183 S.F./1.175 Acres. Pre Development Connected IC= 0 S.F./ 0 Acres. Post Development Connected IC= 610 S.F./ 0.014 Acres.  |
| 8/23/2022           | Not Under Construction Yet | YES                                   | KR10-1674    | 121 Kreiger Lane     | General Landscaping LLC- Special Permit 22-20 Sub Region Drainage Basin 4007-00-1-L3                          | Stormwater management utilizing a Water Quality Basin. WQV required (100%) = 2,271 C.F. WQV provided = 3,609 C.F.  | 0.64                | 0.02                    |                                   |                                       |                      | 0.64                    | 0.02                        | 2685.74                 | 10.9%                  | 1032.80                     | 4.2%                       | -3.2%            | Project is for the construction of a 27,878 S.F.Bituminous parking lot on a vacant parcel. Stormwater management incorporated the use of an on-site Water Quality Basin. Total WQV required = 2,271 C.F. Total WQV provided = 3,609 C.F. Pre Construction IC = 0 S.F./0 Acres. Post Construction IC = 27,878 S.F./0.64 Acres. Pre Development Connected IC= 0.0 S.F./ 0.0 Acres. Post Development Connected IC= 653 S.F./ 0.015 Acres.   |
| 10/18/2022          | Completed (2025)           | YES                                   | Wetland Area | 52 National Drive    | New England Traffic Solutions- Building Addition- Special Permit 22-18 Sub Region Drainage Basin 4006-00-2-R5 | Existing and proposed roof drainage discharging to (3) 12" H Conrete galleries embedded in a 2' deep x 13' wide x 130' long stone filled infiltration trench. 100% WQV required = 1,560 C.F. 50% WQV required = 780 C.F. WQV provided = 991 C.F.   |                     |                         | 0.03                              | -0.40                                 |                      | 0.03                    | -0.40                       | 2685.77                 | 10.9%                  | 1032.40                     | 4.2%                       | -3.3%            | Project involves a 3,000 S.F. building addition. Existing and proposed roof drainage discharging to (3) 12" H Conrete galleries embedded in a 2' deep x 13' wide x 130' long stone filled infiltration trench. All site impervious parking lot surface sheet flow to the proposed at grade stone infiltration trench for treatment. Pre Construction IC = 18,295 S.F./0.42 Acres. Post Construction IC = 19,602 S.F./0.45 Acres. Pre Development Connected IC= 18,295 S.F./ 0.42 Acres. Post Development Connected IC= 871 S.F./ 0.02 Acres. |

| PROJECT INFORMATION   |                                     |                                       |                       |                                   |   |  | NEW DEVELOPMENT     |                         | REDEVELOPMENT                     |                                       | RETROFITS            | CHANGE                  |                             | CUMULATIVE TOTALS       |                        |                             |                            |                  | NOTES & REFERENCES  |
|-----------------------|-------------------------------------|---------------------------------------|-----------------------|-----------------------------------|---|--|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|---|
| 1/1/2026              |                                     |                                       |                       |                                   |   |  | 5                   | 6                       | 7                                 | 8                                     | 9                    | 10                      | 11                          | 12                      | 13                     | 14                          | 15                         | 16               | 16  |
| Date Approved         | Date of Completion                  | Included in 2012 IC Baseline Coverage | Outfall ID#           | Address                           | Project Name/Owner  | practice   | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References  |
| 11/6/2022             | Completed (2025)                    | YES                                   | MA15-3530 & MA15-3529 | 2610 Main Street                  | Jays & Tee LLC- Condominium Complex Redevelopment- Special Permit 22-19 Sub Region Drainage Basin 4006-00-2-R6                                      | 2-Underground detention systems utilizing 48" Concrete Leaching galleries embedded in 2' of stone around the perimeter and 1' stone top and bottom. System A WQV required = 1,030 C.F. System A WQV provided = 3,928 C.F., System B WQV required = 482 C.F. System B WQV provided = 1,600 C.F.                 |                     |                         | 0.35                              | -0.08                                 |                      | 0.35                    | -0.08                       | 2686.12                 | 10.9%                  | 1032.32                     | 4.2%                       | -3.3%            | Project involves the redevelopment of the existing house into 5 Townhouse units and the construction of an additional building with 5 Townhouse units for a total of 10 Townhouse units including the construction of a parking lot. Stormwater management is achieved by the utilization of two (2) underground detention systems (A & B) collecting all roof and parking lot drainage. Pre Construction IC = 4,835 S.F./0.111 Acres. Post Construction IC = 19,863 S.F./0.456 Acres. Pre Development Connected IC= 4,835 S.F./ 0.111 Acres. Post Development Connected IC= 1,568 S.F./ 0.036 Acres. |
| 2/7/2023              | Parking Lot/Drainage Completed 2024 | YES                                   | Wetland Area          | 2533-2577 & Lot W-38A Main Street | Saints Isidore and Maria Parish Corporation (Formerly St. Paul's Church)- Special Permit 23-07 Sub Region Drainage Basin 4006-00-2-R6 and 4007-00-1 | Stormwater Detention/ Water Quality Basin with concrete w/wier wall structure WQV required (50%) = 5,750 C.F. WQV provided = 5,750 C.F. at Basin Elevation 28.6  |                     |                         | 0.15                              | -2.58                                 |                      | 0.15                    | -2.58                       | 2686.27                 | 10.9%                  | 1029.74                     | 4.2%                       | -3.5%            | Project is for the expansion of the existing bituminous parking lot onto an abutting vacant parcel along with a church building addition. Stormwater management incorporated the use of an on-site Water Quality Basin with forebay. Total WQV required (50%) = 5,750 C.F. Total WQV provided = 5,750 C.F. Pre Construction IC = 118,483 S.F./2.72 Acres. Post Construction IC = 125,017 S.F./2.87 Acres. Pre Development Connected IC= 118,483 S.F./ 2.72 Acres. Post Development Connected IC= 6,098 S.F./ 0.14 Acres.  |
| 2/21/2023             | Under Construction                  | YES                                   | OA15-2627             | 240 Oakwood Drive                 | Proposed Material Yard- Mjolnir Construction- Special Permit 23-01 Sub Region Drainage Basin 4007-00-1-L2   | Stormwater management utilizing two (2) Water Quality Basins. WQV required (100%) = 3,269 C.F. WQV provided = 3,630 C.F.   |                     |                         | -0.21                             | 0.00                                  |                      | -0.21                   | 0.00                        | 2686.06                 | 10.9%                  | 1029.74                     | 4.2%                       | -3.5%            | Project involves redevelopment of the an existing contractors yard into a materials processing/sales yard. Stormwater management consists of the use of (2) Water Quality Basins. Pre Construction IC = 18,295 S.F./0.65 Acres. Post Construction IC = 19,166 S.F./0.44 Acres. Pre Development Connected IC= 300 S.F./ 0.0069 Acres. Post Development Connected IC= 300 S.F./ 0.0069 Acres  |
| 5/16/2023 & 1/16/2024 | Completed (2025)                    | YES                                   | CR25-370              | 539 & 551 Manchester Road         | Crosby II Subdivision Rejean Jaques- Sub Region Drainage Basin 4009-00-2-R3   | Stormwater management utilized the existing Phase I (Pre MS4 Permit) detention pond with modifications to the existing outlet structure to achieve WQV and attenuation of Phase II roadway extension. Phase I & II WQV required (100%) = 8,410 C.F. Phase I & II WQV provided = 8,410 C.F. at elevation 364.7. | 0.38                | 0.00                    |                                   |                                       |                      | 0.38                    | 0.00                        | 2686.44                 | 10.9%                  | 1029.74                     | 4.2%                       | -3.5%            | Project involves a 200'± roadway extension of Crosby Road to service 6 new residential building lots and 1 existing house lot. Stormwater management utilized the existing Phase I (Pre MS4 Permit) detention pond with modifications to the existing outlet structure to achieve WQV and attenuation of Phase II roadway extension. Computations reflect DCIA of Phase I & II. Phase I & II Pre Construction IC = 0 S.F./0.0 Acres. Phase I & II Post Construction IC = 81,893 S.F./1.88 Acres. Pre Development Connected IC= 0 S.F./ 0.0 Acres. Post Development Connected IC= 0.0 S.F./ 0.00 Acres |

| PROJECT INFORMATION |                            |                                       |   | NEW DEVELOPMENT    |   | REDEVELOPMENT   |                     | RETROFITS               | CHANGE                            |                                       | CUMULATIVE TOTALS    |                         |                             |                         |                        | NOTES & REFERENCES          |                            |                  |  |
|---------------------|----------------------------|---------------------------------------|---|--------------------|---|---|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|--|
| 1/1/2026            |                            |                                       |   | 5                  | 6   | 7   | 8                   | 9                       | 10                                | 11                                    | 12                   | 13                      | 14                          | 15                      | 16                     | 16                          |                            |                  |  |
| Date Approved       | Date of Completion         | Included in 2012 IC Baseline Coverage | Outfall ID#                                 | Address            | Project Name/Owner  | practice  | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References   |
| 11/21/2023          | Not Under Construction Yet | YES                                   | NY10-708 and On-Site Infiltration Basin     | 55 Nye Road        | Town of Glastonbury Housing Authority- Nye Road Affordable Housing Project PAD- <b>Sub Region Drainage Basin 4006-00-2-R6 and 4006-06-1</b> | Stormwater management treatment train consists of the utilization of pervious pavers in portions of the parking areas, Installation of an Infiltration Basin, and Installation of (2) Hydrodynamic Separators (Model # CDS 3020-6-C and CDS 2015-4-C). Total Site WQV required (100%) = 13,937 C.F., Total Site WQV provided (100%) = 14,100 C.F. |                     |                         | 1.61                              | -1.92                                 |                      | 1.61                    | -1.92                       | 2688.05                 | 11.0%                  | 1027.82                     | 4.2%                       | -3.7%            | Project involves demolition of the existing medical office building located on the 11.3 acre parcel and construction of 20 buildings consisting of 2, 4, and 6 unit residential housing totalling 64 units and a 2,200 s.f. community building. Stormwater management treatment train consists of the utilization of pervious pavers in portions of the parking areas, Installation of an Infiltration Basin, and Installation of (2) Hydrodynamic Separators (Model # CDS 3020-6-C and CDS 2015-4-C). Pre Construction IC = 83,635 S.F./1.92 Acres. Post Construction IC = 153,767 S.F./3.53 Acres. Pre Development Connected IC= 83,635 S.F./ 1.92 Acres. Post Development Connected IC= 0.0 S.F./ 0.00 Acres. |
| 11/21/2023          | Completed (2025)           | YES                                   | OnSite Compensatory Storage Area w/ Forebay | 2815 Main Street   | HB Nitkin- Chase Bank- Special Permit 24-02 <b>Sub Region Drainage Basin 4006-00-2-R6</b>   | Stormwater management treatment consists of the utilization of a Compensatory Storage Basin with Sediment Forebay sized to hold WQV. Total Site WQV required (100%) = 1,532 C.F., Total Site WQV provided (100%) = 2,260 C.F.   |                     |                         | 0.08                              | -0.33                                 |                      | 0.08                    | -0.33                       | 2688.13                 | 11.0%                  | 1027.49                     | 4.2%                       | -3.7%            | Project involves the construction of a 2,000 S.F. single story bank building and associated parking located on the 1.10 acre parcel. Stormwater management treatment consists of the utilization of a Compensatory Storage Basin with Sediment Forebay sized to hold WQV. Pre Construction IC = 14,375 S.F./0.33 Acres. Post Construction IC = 17,860 S.F./0.41 Acres. Pre Development Connected IC= 14,375 S.F./ 0.33 Acres. Post Development Connected IC= 0.0 S.F./ 0.00 Acres.   |
| 12/12/2023          | Under Construction         | YES                                   | SE10-421                                    | 115 Sequin Drive   | EDI Holdings- Proposed Warehouse- Special Permit 24-04 <b>Sub Region Drainage Basin 4006-00-2-R5</b>  | Stormwater management treatment consists of the utilization of a Stormwater Detention Basin with Outlet Control Structure sized to hold WQV. Total Site WQV required (100%) = 2,204 C.F., Total Site WQV provided (100%) = 2,243 C.F.   | 0.47                | 0.01                    |                                   |                                       |                      | 0.47                    | 0.01                        | 2688.60                 | 11.0%                  | 1027.50                     | 4.2%                       | -3.7%            | Project involves the construction of a 2,750 S.F. single story warehouse building and associated parking located on the 4.13 acre parcel. Stormwater management treatment consists of the utilization of a Stormwater Detention Basin with Outlet Control Structure sized to hold WQV. Pre Construction IC = 0 S.F./0.00 Acres. Post Construction IC = 20,473 S.F./0.47 Acres. Pre Development Connected IC= 0 S.F./ 0.00 Acres. Post Development Connected IC= 436 S.F./ 0.01 Acres.  |
| 1/30/2024           | Completed (2025)           | YES                                   | GHSL-160                                    | 346 Hubbard Street | Town of Glastonbury Strength Training Facility-Special Permit 24-06 <b>Sub Region Drainage Basin 4007-00-1-L2</b>                           | Stormwater management treatment consists of the utilization of an subsurface detention system utilizing 2 rows of ADS SC-310 chambers with 69 LF of 12" HDPE perforated pipe in stone sized to hold WQV. Total Site WQV required (100%) = 854 C.F., Total Site WQV provided (100%) = 892 C.F.   | 0.14                | -0.01                   |                                   |                                       |                      | 0.14                    | -0.01                       | 2688.74                 | 11.0%                  | 1027.49                     | 4.2%                       | -3.7%            | Project involves the construction of a 4,853 S.F. strength and conditioning building and associated parking located on the Glastonbury High School parcel. Stormwater management treatment consists of the utilization of an subsurface detention system utilizing 2 rows of ADS SC-310 chambers with 69 LF of 12" HDPE perforated pipe in stone sized to hold WQV. Pre Construction IC = 1,339 S.F./0.03 Acres. Post Construction IC = 7,329 S.F./0.17 Acres. Pre Development Connected IC= 1,339 S.F./ 0.03 Acres. Post Development Connected IC= 436 S.F./ 0.01 Acres.  |

| PROJECT INFORMATION |                            |                                       |   |                   |   |  | NEW DEVELOPMENT     |                         | REDEVELOPMENT                     |                                       | RETROFITS            | CHANGE                  |                             | CUMULATIVE TOTALS       |                        |                             |                            |                  | NOTES & REFERENCES   |
|---------------------|----------------------------|---------------------------------------|---|-------------------|---|--|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|--|
| 1/1/2026            |                            |                                       |   |                   |   |  | 5                   | 6                       | 7                                 | 8                                     | 9                    | 10                      | 11                          | 12                      | 13                     | 14                          | 15                         | 16               | 16   |
| Date Approved       | Date of Completion         | Included in 2012 IC Baseline Coverage | Outfall ID#   | Address           | Project Name/Owner  | practice   | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References   |
| 3/19/2024           | Completed (2025)           | YES                                   | Wetland Area  | 244 Naubuc Avenue | Labella Hair Salon- Special Permit 24-08 Sub Region Drainage Basin 4006-00-2-R6   | Stormwater management treatment consists of the utilization of (3) Stone surface infiltration trenches sized to hold WQV. NE Drainage Area WQV Required (100%) = 221 C.F., NE Drainage Area Trench A WQV provided (100%) = 230 C.F., SE Drainage Area WQV Required (100%) = 704 C.F., SE Drainage Area Trench B WQV provided (100%) = 720 C.F., South Drainage Area WQV Required (100%) = 390 C.F., SE Drainage Area Trench C WQV provided (100%) = 392 C.F. |                     |                         | 0.17                              | -0.12                                 |                      | 0.17                    | -0.12                       | 2688.91                 | 11.0%                  | 1027.37                     | 4.2%                       | -3.8%            | Project involves the construction of a 408 S.F. addition to the existing hair salon building with expanded parking located on the 3.13 acre parcel. Stormwater management treatment consists of the utilization of (3) Stone surface infiltration trenches sized to hold WQV. Pre Construction IC = 5,663 S.F./0.13 Acres. Post Construction IC = 12,632 S.F./0.29 Acres. Pre Development Connected IC= 5,663 S.F./ 0.13 Acres. Post Development Connected IC= 436 S.F./ 0.01 Acres.   |
| 4/23/2024           | Completed (2025)           | YES                                   | NA25-2919 and Somerset Square Drainage and Compensatory Storage Basin | 330 Naubuc Avenue | Damato Realty Group LLC- Damato Chiropractic Center- 330 Naubuc Avenue- Major Amendment to Somerset Square P.A.D. Sub Region Drainage Basin 4006-13-1 | Stormwater management treatment consists of the utilization of the existing Somerset Square drainage basin along with the installation of a new rain garden. Total Site WQV required (100%) = 2,044 C.F. + 425 C.F. = 2,469 C.F., Total Site WQV provided (100%) = 483.3 C.F. + 2,067 C.F. = 2,550 C.F.  |                     |                         | 0.03                              | -0.07                                 |                      | 0.03                    | -0.07                       | 2688.94                 | 11.0%                  | 1027.30                     | 4.2%                       | -3.8%            | Project involves the redevelopment of the existing building including a 2,996 S.F. addition utilizing the existing bituminous parking area located on the 1.26 acre parcel. Stormwater management treatment consists of utilization of the existing Somerset Square drainage and compensatory storage basin along with the installation of a new rain garden. sized to hold WQV. Pre Construction IC = 23,339 S.F./0.5358 Acres. Post Construction IC = 24,555 S.F./0.5637 Acres. Pre Development Connected IC= 3,485 S.F./ 0.08 Acres. Post Development Connected IC= 436 S.F./ 0.01 Acres. |
| 12/23/2024          | Not Under Construction Yet | YES                                   | Drains to Roaring Brook   | 36 Hopewell Road  | Morello Realty LLC- Hopewell Crossing- 36 Hopewell Road- Site Plan 8-30g Sub Region Drainage Basin 4009-00-3-R5                                       | Stormwater management treatment consists of the utilization of 440 LF of 4'x4' concrete gallery chambers and a Downstream Defender WQF Unit. Total Site WQV required (100%) = 5,245 C.F., Total Site WQV provided (100%) = 10,562 C.F.   |                     |                         | 0.79                              | -0.32                                 |                      | 0.79                    | -0.32                       | 2689.73                 | 11.0%                  | 1026.98                     | 4.2%                       | -3.8%            | Project involves the renovation of the existing house, construction of a 4 story, 39,967 Total S.F. apartment building located on the 2.35 acre parcel. Stormwater management treatment consists of the utilization of 440 LF of 4'x4' concrete gallery chambers and a Downstream Defender WQF Unit sized to hold WQV. Pre Construction IC = 13,983 S.F./0.32 Acres. Post Construction IC = 48,352 S.F./1.11 Acres. Pre Development Connected IC= 13,983 S.F./ 0.32 Acres. Post Development Connected IC= 0 S.F./ 0.00 Acres.  |
| 4/15/2025           | Under Construction         | YES                                   | NU15-1200   | 148 Oak Street    | JWM Architects- 148 Oak Street- Minor Change- Special Permit 25-05 Sub Region Drainage Basin 4007-00-1  | Stormwater management treatment consists of the utilization of (8)- 4'x 4'x4' concrete gallery chambers. Total Site WQV required (100%) = 886 C.F., Total Site WQV provided (148%) = 1,308 C.F.  |                     |                         | 0.11                              | -0.46                                 |                      | 0.11                    | -0.46                       | 2689.84                 | 11.0%                  | 1026.52                     | 4.2%                       | -3.8%            | Project involves the conversion of the existing house to a commercial use with associated parking paved surface located on the 0.43 acre parcel. Stormwater management treatment consists of the utilization of (8) 4'x4'x4' concrete gallery chambers sized to hold 148% of calculated WQV. Pre Construction IC = 3,616 S.F./0.083 Acres. Post Construction IC = 8,494 S.F./0.195 Acres. Pre Development Connected IC= 3,616 S.F./0.083 Acres. Post Development Connected IC= 1,612 S.F./ 0.037 Acres.  |

| PROJECT INFORMATION |                            |                                       |                                     | NEW DEVELOPMENT   |   | REDEVELOPMENT   |                     | RETROFITS               | CHANGE                            |                                       | CUMULATIVE TOTALS    |                         |                             |                         |                        | NOTES & REFERENCES          |                            |                  |   |
|---------------------|----------------------------|---------------------------------------|-------------------------------------|-------------------|---|---|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|---|
| 1/1/2026            |                            |                                       |                                     | 5                 | 6   | 7   | 8                   | 9                       | 10                                | 11                                    | 12                   | 13                      | 14                          | 15                      | 16                     | 16                          |                            |                  |   |
| Date Approved       | Date of Completion         | Included in 2012 IC Baseline Coverage | Outfall ID#                         | Address           | Project Name/Owner  | practice  | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References  |
| 5/20/2025           | Not Under Construction Yet | YES                                   | Drians to Salmon Brook and NY10-708 | 50 Nye Road       | Town of Glastonbury- 50 Nye Road- Minor Change- Special Permit 25-07 Sub Region Drainage Basin 4006-00-2-R6 and 4006-06-1 | Stormwater management treatment consists of the utilization of (3)- water quality infiltration basins and 2 rows of 24' long 24" low profile leaching galleries encased in stone. Total Site WQV required (50%) = 3,090.F., Total Site WQV provided (130%) = 4,013 C.F. |                     |                         | 0.34                              | -0.98                                 |                      | 0.34                    | -0.98                       | 2690.18                 | 11.0%                  | 1025.54                     | 4.2%                       | -3.9%            | Project involves the redevelopment of the existing commercial building site with installation of an expanded parking lot and stormwater management features located on the 43.5 acre parcel. Stormwater management treatment consists of the utilization of (3)- water quality infiltration basins and 2 rows of 24' long 24" low profile leaching galleries encased in stone. Total Site WQV required (50%) = 3,090.F., Total Site WQV provided (130%) = 4,013 C.F. Pre Construction IC = 42,816 S.F./0.98 Acres. Post Construction IC = 57,532 S.F./1.32 Acres. Pre Development Connected IC= 42,816 S.F./0.98 Acres. Post Development Connected IC= 0.00 S.F./ 0.00 Acres. |
|                     |                            |                                       |                                     |                   |   |   |                     |                         |                                   |                                       |                      |                         | 0.00                        |                         |                        |                             |                            |                  |   |
|                     | Pending                    | YES                                   | Infiltration                        | 55 Parker Terrace | Jie Wang- Lot Split Residential Subdivision- Sub Region Drainage Basin 4006-00-2-R6                                       | Two (2) Privately owned Stormwater Detention/Water Quality Basins. WQ Basin 1: WQV required = 73.3 C.F. WQV provided = 201 C.F. WQ Basin 2: WQV required = 349 C.F. WQV provided = 3,095 C.F.   |                     |                         | 0.11                              | -0.02                                 |                      |                         | -0.02                       |                         |                        |                             |                            |                  | 2 Lot Subdivision on 0.62 acre parcel, Two (2) water quality basins utilizing 100% infiltration due to well draining soils. Pre Construction IC = 2,431 S.F./0.056 Acres. Post Construction IC = 7,440 S.F./0.171 Acres. Pre Development Connected IC= 1,459 S.F./ 0.034 Acres. Post Development Connected IC= 1,951 S.F./ 0.011 Acres.   |

| PROJECT INFORMATION |                     |                                       |              |                     |  |  | NEW DEVELOPMENT     |                         | REDEVELOPMENT                     |                                       | RETROFITS            | CHANGE                  |                             | CUMULATIVE TOTALS       |                        |                             |                            |                  | NOTES & REFERENCES  |
|---------------------|---------------------|---------------------------------------|--------------|---------------------|--|--|---------------------|-------------------------|-----------------------------------|---------------------------------------|----------------------|-------------------------|-----------------------------|-------------------------|------------------------|-----------------------------|----------------------------|------------------|---|
| 1/1/2026            |                     |                                       |              |                     |  |  | 5                   | 6                       | 7                                 | 8                                     | 9                    | 10                      | 11                          | 12                      | 13                     | 14                          | 15                         | 16               | 16  |
| Date Approved       | Date of Completion  | Included in 2012 IC Baseline Coverage | Outfall ID#  | Address             | Project Name/Owner   | practice   | Total IC added (ac) | Connected IC added (ac) | Total IC added or subtracted (ac) | Connected IC added or subtracted (ac) | IC disconnected (ac) | Change in Total IC (ac) | Change in Connected IC (ac) | WATERSHED TOTAL IC (ac) | WATERSHED TOTAL IC (%) | WATERSHED CONNECTED IC (ac) | WATERSHED CONNECTED IC (%) | % DCIA REDUCTION | Notes & References  |
|                     | Pending             | YES                                   |              | 103 Griswold Street | Glastonbury Apartments   |  |                     |                         |                                   |                                       |                      |                         | 0.00                        |                         |                        |                             |                            |                  |   |
| 3/21/2023           | Not Built (Funding) | YES                                   | Wetland Area | 340 Hubbard Street  | Animal Shelter Reconstruction Special Permit XX-XX Sub Region Drainage Basin 4007-01-1 | Stormwater management utilizing two (2) Rain Garden Basins. WQV required (100%) Basin #1= 247 C.F. WQV provided = 1,009 C.F., WQV required (100%) Basin #2= 426 C.F. WQV provided = 675 C.F. |                     |                         | 0.08                              | -0.16                                 |                      | 0.08                    | -0.16                       | 2686.14                 | 10.9%                  | 1029.58                     | 4.2%                       | -3.5%            | Project involves demolition and reconstruction of the existing animal shelter and construction of bituminous parking lot and driveway. Stormwater management consists of the use of (2) Rain Garden Basins. Pre Construction IC = 6,970 S.F./0.16 Acres. Post Construction IC = 10,454 S.F./0.24 Acres. Pre Development Connected IC= 6,970 S.F./ 0.16 Acres. Post Development Connected IC= 0.0 S.F./ 0.00 Acres |

## **ATTACHMENT C**

IDDE PROGRAM PLAN  
CATCHMENT EVALUATION

**Table 6-1. Catchment Assessment and Priority Ranking Matrix**

| Catchment ID (CTDEEP Local Basin ID#) | Receiving Water   | Previous Screening Results Indicate Likely Sewer Input? <sup>1</sup> | Discharging to Area of Concern to Public Health? <sup>2</sup> | Frequency of Past Discharge Complaints     | Receiving Water Quality <sup>3</sup> | Density of Generating Sites <sup>4</sup> | Age of Development/ Infrastructure <sup>5</sup> | Historic Combined Sewers or Septic? <sup>6</sup> | Aging Septic? <sup>7</sup> | Culverted Streams? <sup>8</sup> | Additional Characteristics                | Score | Priority Ranking |
|---------------------------------------|-------------------|--|---|--|--------------------------------------|--|---|--|----------------------------|---------------------------------|---|-------|------------------|
| Information Source                    |                   | Catchment inspections and sample results                             | GIS Maps  | Municipal Staff                            | Impaired Waters List                 | Land Use/GIS Maps, Aerial Photography    | Land Use Information, Visual Observation        | Municipal Staff, GIS Maps                        | Land Use, Municipal Staff  | GIS and Storm System Maps       | Other                                     |       |                  |
| Scoring Criteria                      |                   | Yes = 3 (Problem Catchment)<br>No = 0                                | Yes = 3<br>No = 0   | Frequent = 3<br>Occasional = 2<br>None = 0 | Poor = 3<br>Fair = 2<br>Good = 0     | High = 3<br>Medium = 2<br>Low = 1        | High = 3<br>Medium = 2<br>Low = 1               | Yes = 3<br>No = 0                                | Yes = 3<br>No = 0          | Yes = 3<br>No = 0               | TBD                                       |       |                  |
| 4000-00-6+R11                         | Connecticut River | 0  | 0   | 0  | 3                                    | 0  | 0   | 0  | 0                          | 0                               | Urbanized Area<br>IC = >11 to 84%<br>TMDL | 3     | Low Priority     |
| 4006-00-2-R7                          | Salmon Brook      | 0  | 0   | 0  | 3                                    | 0  | 0   | 0  | 0                          | 0                               | Urbanized Area                            | 3     | Low Priority     |
| 4006-13-1                             | Salmon Brook      | 0  | 0   | 0  | 0                                    | 2  | 1   | 0  | 0                          | 0                               | Urbanized Area<br>IC = >11 to 84%         | 3     | Low Priority     |
| 4006-09-2-R3                          | Salmon Brook      | 3  | 0   | 0  | 0                                    | 2  | 2   | 1  | 0                          | 3                               | Urbanized Area<br>IC = >11 to 84%         | 11    | Problem          |
| 4006-12-1                             | Salmon Brook      | 0  | 0   | 0  | 0                                    | 1  | 2   | 0  | 0                          | 0                               | Urbanized Area<br>IC = >11 to 84%         | 3     | Low Priority     |
| 4006-11-1-L3                          | Salmon Brook      | 0  | 0   | 0  | 0                                    | 1  | 2   | 0  | 0                          | 0                               | Urbanized Area<br>IC = >11 to 84%         | 3     | Low Priority     |
| 4006-11-1-L1                          | Salmon Brook      | 0  | 0   | 0  | 0                                    | 1  | 2   | 0  | 0                          | 0                               | Urbanized Area<br>IC = >11 to 84%         | 3     | Low Priority     |
| 4006-00-2-R6                          | Salmon Brook      | 3  | 0   | 0  | 0                                    | 2  | 2   | 3  | 0                          | 3                               | Urbanized Area<br>IC = >11 to 84%         | 13    | Problem          |
| 4006-06-1                             | Salmon Brook      | 0  | 0   | 0  | 0                                    | 1  | 2   | 0  | 0                          | 0                               | Urbanized Area<br>IC = >11 to 84%         | 3     | Low Priority     |
| 4006-00-2-L1                          | Salmon Brook      | 0  | 0   | 0  | 0                                    | 1  | 2   | 0  | 0                          | 0                               | Urbanized Area<br>IC = >11 to 84%         | 3     | Low Priority     |
| 4000-00-6+R12                         | Connecticut River | 3  | 0   | 0  | 3                                    | 3  | 2   | 3  | 0                          | 0                               | Urbanized Area<br>TMDL                    | 11    | Problem          |
| 4007-00-1                             | Hubbard Brook     | 0  | 0   | 0  | 0                                    | 3  | 2   | 3  | 0                          | 0                               | Urbanized Area<br>IC = >11 to 84%         | 8     | Medium Priority  |
| 4006-00-2-R5                          | Salmon Brook      | 0  | 0   | 0  | 0                                    | 2  | 2   | 0  | 0                          | 0                               | Urbanized Area<br>IC = >11 to 84%         | 4     | Low Priority     |
| 4006-00-2-R4                          | Salmon Brook      | 0  | 0   | 0  | 0                                    | 1  | 2   | 0  | 3                          | 0                               | Urbanized Area<br>IC = >11 to 84%         | 6     | Medium Priority  |
| 4006-00-2-R3                          | Salmon Brook      | 0  | 0   | 0  | 0                                    | 1  | 2   | 0  | 0                          | 0                               | Urbanized Area<br>IC = >11 to 84%         | 3     | Low Priority     |
| 4006-00-2-R2                          | Salmon Brook      | 0  | 0   | 0  | 0                                    | 1  | 2   | 0  | 0                          | 0                               | Urbanized Area<br>IC = >11 to 84%         | 3     | Low Priority     |
| 4006-02-1-L1                          | Salmon Brook      | 0  | 0   | 0  | 0                                    | 1  | 2   | 0  | 3                          | 0                               | Urbanized Area<br>IC = >11 to 84%         | 6     | Medium Priority  |

| Catchment ID (CTDEEP Local Basin ID#) | Receiving Water   | Previous Screening Results Indicate Likely Sewer Input? <sup>1</sup> | Discharging to Area of Concern to Public Health? <sup>2</sup> | Frequency of Past Discharge Complaints     | Receiving Water Quality <sup>3</sup> | Density of Generating Sites <sup>4</sup> | Age of Development/Infrastructure <sup>5</sup> | Historic Combined Sewers or Septic? <sup>6</sup> | Aging Septic? <sup>7</sup> | Culverted Streams? <sup>8</sup> | Additional Characteristics        | Score | Priority Ranking |
|---------------------------------------|-------------------|--|---|--|--------------------------------------|--|--|--|----------------------------|---------------------------------|-----------------------------------|-------|------------------|
| Information Source                    |                   | Catchment inspections and sample results                             | GIS Maps  | Municipal Staff                            | Impaired Waters List                 | Land Use/GIS Maps, Aerial Photography    | Land Use Information, Visual Observation       | Municipal Staff, GIS Maps                        | Land Use, Municipal Staff  | GIS and Storm System Maps       | Other                             |       |                  |
| Scoring Criteria                      |                   | Yes = 3 (Problem Catchment)<br>No = 0                                | Yes = 3<br>No = 0   | Frequent = 3<br>Occasional = 2<br>None = 0 | Poor = 3<br>Fair = 2<br>Good = 0     | High = 3<br>Medium = 2<br>Low = 1        | High = 3<br>Medium = 2<br>Low = 1              | Yes = 3<br>No = 0                                | Yes = 3<br>No = 0          | Yes = 3<br>No = 0               | TBD                               |       |                  |
| 4006-01-1-L1                          | Salmon Brook      | 0  | 0   | 0  | 0                                    | 1  | 2  | 0  | 3                          | 0                               | Urbanized Area<br>IC = >11 to 84% | 6     | Medium Priority  |
| 4009-04-1                             | Roaring Brook     | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 3                          | 0                               | Urbanized Area<br>IC = >11 to 84% | 5     | Low Priority     |
| 4007-00-1-L3                          | Hubbard Brook     | 0  | 0   | 0  | 0                                    | 2  | 2  | 0  | 0                          | 0                               | Urbanized Area<br>IC = >11 to 84% | 4     | Low Priority     |
| 4007-00-1-L2                          | Hubbard Brook     | 0  | 0   | 0  | 0                                    | 2  | 2  | 3  | 1                          | 0                               | Urbanized Area<br>IC = >11 to 84% | 8     | Medium Priority  |
| 4007-01-1                             | Hubbard Brook     | 0  | 0   | 0  | 0                                    | 0  | 2  | 3  | 0                          | 0                               | Urbanized Area<br>IC = >11 to 84% | 5     | Low Priority     |
| 4006-04-1                             | Salmon Brook      | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 3                          | 0                               | Urbanized Area<br>IC = >11 to 84% | 5     | Low Priority     |
| 4006-04-1-L1                          | Salmon Brook      | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 3                          | 0                               | Urbanized Area<br>IC = >11 to 84% | 5     | Low Priority     |
| 4007-00-2-R1                          | Hubbard Brook     | 0  | 0   | 0  | 0                                    | 0  | 2  | 3  | 0                          | 0                               | Urbanized Area                    | 5     | Low Priority     |
| 4007-00-3-R1                          | Hubbard Brook     | 0  | 0   | 0  | 0                                    | 0  | 2  | 3  | 0                          | 0                               | Urbanized Area<br>IC = >11 to 84% | 5     | Low Priority     |
| 4007-00-3-R2                          | Hubbard Brook     | 0  | 0   | 0  | 0                                    | 0  | 0  | 0  | 0                          | 0                               | Urbanized Area                    | 0     | Low Priority     |
| 4007-02-2-R1                          | Hubbard Brook     | 0  | 0   | 0  | 0                                    | 1  | 2  | 3  | 0                          | 0                               | Urbanized Area<br>IC = >11 to 84% | 6     | Medium Priority  |
| 4007-03-1                             | Hubbard Brook     | 0  | 0   | 0  | 0                                    | 0  | 2  | 3  | 0                          | 0                               | Urbanized Area<br>IC = >11 to 84% | 5     | Low Priority     |
| 4007-04-1                             | Hubbard Brook     | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 3                          | 0                               | Urbanized Area<br>IC = >11 to 84% | 5     | Low Priority     |
| 4007-02-1                             | Hubbard Brook     | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 3                          | 0                               | Urbanized Area<br>IC = >11 to 84% | 5     | Low Priority     |
| 4007-04-1-L1                          | Hubbard Brook     | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 3                          | 0                               | Urbanized Area<br>IC = >11 to 84% | 5     | Low Priority     |
| 4009-00-3-R5                          | Roaring Brook     | 0  | 0   | 0  | 0                                    | 1  | 2  | 3  | 3                          | 0                               | Urbanized Area<br>IC = >11 to 84% | 9     | Problem          |
| 4009-00-3-L6                          | Roaring Brook     | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 3                          | 0                               | Urbanized Area<br>IC = >11 to 84% | 5     | Low Priority     |
| 4000-00-6+R12                         | Connecticut River | 0  | 3   | 0  | 3                                    | 0  | 0  | 0  | 0                          | 0                               | Urbanized Area<br>TMDL            | 6     | Medium Priority  |

| Catchment ID<br>(CTDEEP Local Basin ID#) | Receiving Water   | Previous Screening Results<br>Indicate Likely Sewer Input? <sup>1</sup> | Discharging to Area of Concern to Public Health? <sup>2</sup> | Frequency of Past Discharge Complaints | Receiving Water Quality <sup>3</sup> | Density of Generating Sites <sup>4</sup> | Age of Development/Infrastructure <sup>5</sup> | Historic Combined Sewers or Septic? <sup>6</sup> | Aging Septic? <sup>7</sup> | Culverted Streams? <sup>8</sup> | Additional Characteristics          | Score | Priority Ranking   |                    |  |                   |  |                                  |                                       |  |                           |                           |                           |       |
|--|-------------------|---|---|--|--------------------------------------|--|--|--|----------------------------|---------------------------------|-------------------------------------|-------|--------------------|--------------------|--|-------------------|--|----------------------------------|---------------------------------------|--|---------------------------|---------------------------|---------------------------|-------|
|  |                   |   |   |  |                                      |  |  |  |                            |                                 |                                     |       |                    | Information Source | Catchment inspections and sample results | GIS Maps          | Municipal Staff                            | Impaired Waters List             | Land Use/GIS Maps, Aerial Photography | Land Use Information, Visual Observation | Municipal Staff, GIS Maps | Land Use, Municipal Staff | GIS and Storm System Maps | Other |
|  |                   |   |   |  |                                      |  |  |  |                            |                                 |                                     |       |                    | Scoring Criteria   | Yes = 3 (Problem Catchment)<br>No = 0    | Yes = 3<br>No = 0 | Frequent = 3<br>Occasional = 2<br>None = 0 | Poor = 3<br>Fair = 2<br>Good = 0 | High = 3<br>Medium = 2<br>Low = 1     | High = 3<br>Medium = 2<br>Low = 1        | Yes = 3<br>No = 0         | Yes = 3<br>No = 0         | Yes = 3<br>No = 0         | TBD   |
| 4000-00-6+R13                            | Connecticut River | 0   | 3   | 0                                      | 3                                    | 0  | 0  | 0  | 0                          | 0                               | Urbanized Area TMDL                 | 6     | Medium Priority    |                    |  |                   |  |                                  |                                       |  |                           |                           |                           |       |
| 4000-00-6+R15                            | Connecticut River | 0   | 3   | 0                                      | 3                                    | 0  | 0  | 0  | 0                          | 0                               | Urbanized Area IC = >11 to 84% TMDL | 6     | Medium Priority    |                    |  |                   |  |                                  |                                       |  |                           |                           |                           |       |
| 4000-00-6+R16                            | Connecticut River | 0   | 3   | 0                                      | 3                                    | 0  | 2  | 0  | 3                          | 0                               | Urbanized Area TMDL                 | 5     | Low Priority       |                    |  |                   |  |                                  |                                       |  |                           |                           |                           |       |
| 4009-00-2-L4                             | Roaring Brook     | 3   | 3   | 2                                      | 0                                    | 1  | 2  | 0  | 3                          | 0                               | Urbanized Area IC = >11 to 84% TMDL | 14    | Problem Angus Pond |                    |  |                   |  |                                  |                                       |  |                           |                           |                           |       |
| 4009-00-2-R3                             | Roaring Brook     | 0   | 0   | 0                                      | 0                                    | 1  | 2  | 0  | 3                          | 0                               | Urbanized Area IC = >11 to 84%      | 6     | Medium Priority    |                    |  |                   |  |                                  |                                       |  |                           |                           |                           |       |
| 4009-00-2-R2                             | Roaring Brook     | 0   | 3   | 0                                      | 0                                    | 1  | 2  | 0  | 0                          | 0                               | Urbanized Area                      | 6     | Medium Priority    |                    |  |                   |  |                                  |                                       |  |                           |                           |                           |       |
| 4009-05-2-R2                             | Roaring Brook     | 0   | 0   | 0                                      | 0                                    | 0  | 2  | 0  | 0                          | 0                               | Urbanized Area IC = >11 to 84%      | 2     | Low Priority       |                    |  |                   |  |                                  |                                       |  |                           |                           |                           |       |
| 4009-05-2-R1                             | Roaring Brook     | 0   | 0   | 0                                      | 0                                    | 0  | 2  | 0  | 0                          | 0                               | Urbanized Area IC = >11 to 84%      | 2     | Low Priority       |                    |  |                   |  |                                  |                                       |  |                           |                           |                           |       |
| 4009-00-3-R1                             | Roaring Brook     | 0   | 0   | 0                                      | 0                                    | 0  | 2  | 0  | 3                          | 0                               | Urbanized Area IC = >11 to 84%      | 5     | Low Priority       |                    |  |                   |  |                                  |                                       |  |                           |                           |                           |       |
| 4009-00-3-R2                             | Roaring Brook     | 0   | 0   | 0                                      | 0                                    | 2  | 2  | 0  | 3                          | 0                               | Urbanized Area IC = >11 to 84%      | 7     | Medium Priority    |                    |  |                   |  |                                  |                                       |  |                           |                           |                           |       |
| 4008-00-2-L1                             | Cold Brook        | 0   | 0   | 0                                      | 0                                    | 0  | 2  | 0  | 0                          | 0                               | Urbanized Area IC = >11 to 84%      | 2     | Low Priority       |                    |  |                   |  |                                  |                                       |  |                           |                           |                           |       |
| 4000-00-6+R14                            | Connecticut River | 0   | 0   | 2                                      | 3                                    | 0  | 2  | 0  | 0                          | 0                               | Urbanized Area TMDL                 | 4     | Low Priority       |                    |  |                   |  |                                  |                                       |  |                           |                           |                           |       |
| 4000-00-6+R16                            | Connecticut River | 3   | 0   | 2                                      | 3                                    | 1  | 2  | 0  | 3                          | 0                               | Urbanized Area TMDL                 | 11    | Problem            |                    |  |                   |  |                                  |                                       |  |                           |                           |                           |       |
| 4000-00-6+R17                            | Connecticut River | 0   | 0   | 0                                      | 3                                    | 0  | 2  | 0  | 0                          | 0                               | Urbanized Area TMDL                 | 5     | Low Priority       |                    |  |                   |  |                                  |                                       |  |                           |                           |                           |       |
| 4000-00-6+R18                            | Connecticut River | 0   | 0   | 0                                      | 3                                    | 1  | 2  | 0  | 0                          | 0                               | Urbanized Area TMDL                 | 6     | Medium Priority    |                    |  |                   |  |                                  |                                       |  |                           |                           |                           |       |
| 4000-30-1                                | Connecticut River | 0   | 0   | 0                                      | 3                                    | 0  | 2  | 0  | 3                          | 0                               | Urbanized Area TMDL                 | 8     | Medium Priority    |                    |  |                   |  |                                  |                                       |  |                           |                           |                           |       |

| Catchment ID (CTDEEP Local Basin ID#) | Receiving Water   | Previous Screening Results Indicate Likely Sewer Input? <sup>1</sup> | Discharging to Area of Concern to Public Health? <sup>2</sup> | Frequency of Past Discharge Complaints     | Receiving Water Quality <sup>3</sup> | Density of Generating Sites <sup>4</sup> | Age of Development/Infrastructure <sup>5</sup> | Historic Combined Sewers or Septic? <sup>6</sup> | Aging Septic? <sup>7</sup> | Culverted Streams? <sup>8</sup> | Additional Characteristics | Score | Priority Ranking |
|---------------------------------------|-------------------|--|---|--|--------------------------------------|--|--|--|----------------------------|---------------------------------|----------------------------|-------|------------------|
| Information Source                    |                   | Catchment inspections and sample results                             | GIS Maps  | Municipal Staff                            | Impaired Waters List                 | Land Use/GIS Maps, Aerial Photography    | Land Use Information, Visual Observation       | Municipal Staff, GIS Maps                        | Land Use, Municipal Staff  | GIS and Storm System Maps       | Other                      |       |                  |
| Scoring Criteria                      |                   | Yes = 3 (Problem Catchment)<br>No = 0                                | Yes = 3<br>No = 0   | Frequent = 3<br>Occasional = 2<br>None = 0 | Poor = 3<br>Fair = 2<br>Good = 0     | High = 3<br>Medium = 2<br>Low = 1        | High = 3<br>Medium = 2<br>Low = 1              | Yes = 3<br>No = 0                                | Yes = 3<br>No = 0          | Yes = 3<br>No = 0               | TBD                        |       |                  |
| 4000-30-1-L1                          | Connecticut River | 0  | 0   | 0  | 3                                    | 0  | 2  | 0  | 0                          | 0                               | Urbanized Area TMDL        | 5     | Low Priority     |
| 4000-35-1                             | Connecticut River | 0  | 0   | 0  | 3                                    | 0  | 2  | 0  | 0                          | 0                               | Urbanized Area TMDL        | 5     | Low Priority     |
| 4006-02-1                             | Salmon Brook      | 0  | 0   | 0  | 0                                    | 0  | 0  | 0  | 0                          | 0                               | Urbanized Area             | 0     | Low Priority     |
| 4006-03-1                             | Salmon Brook      | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 3                          | 0                               | Urbanized Area             | 5     | Low Priority     |
| 4007-00-1-L1                          | Hubbard Brook     | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 0                          | 0                               | Urbanized Area             | 2     | Low Priority     |
| 4009-08-1                             | Roaring Brook     | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 3                          | 0                               | Urbanized Area             | 5     | Low Priority     |
| 4009-00-2-R2                          | Roaring Brook     | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 3                          | 0                               | Urbanized Area             | 5     | Low Priority     |
| 4009-00-2-R1                          | Roaring Brook     | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 0                          | 0                               | Urbanized Area             | 2     | Low Priority     |
| 4009-03-1                             | Roaring Brook     | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 0                          | 0                               | Urbanized Area             | 2     | Low Priority     |
| 4009-09-1                             | Roaring Brook     | 0  | 0   | 0  | 0                                    | 1  | 2  | 0  | 3                          | 0                               | Urbanized Area             | 6     | Medium Priority  |
| 4009-00-3-L5                          | Roaring Brook     | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 3                          | 0                               | Urbanized Area             | 5     | Low Priority     |
| 4009-07-1                             | Roaring Brook     | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 3                          | 0                               | Urbanized Area             | 5     | Low Priority     |
| 4009-05-1                             | Roaring Brook     | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 3                          | 0                               | Urbanized Area             | 5     | Low Priority     |
| 4009-06-1                             | Roaring Brook     | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 0                          | 0                               | Urbanized Area             | 2     | Low Priority     |
| 4009-00-3-R4                          | Roaring Brook     | 0  | 0   | 0  | 0                                    | 0  | 0  | 0  | 0                          | 0                               | Urbanized Area             | 0     | Low Priority     |
| 4009-00-2-L3                          | Roaring Brook     | 0  | 0   | 0  | 0                                    | 0  | 0  | 0  | 0                          | 0                               | Urbanized Area             | 0     | Low Priority     |
| 4009-00-2-L2                          | Roaring Brook     | 0  | 0   | 0  | 0                                    | 0  | 0  | 0  | 0                          | 0                               | Urbanized Area             | 0     | Low Priority     |
| 4008-00-2-L2                          | Cold Brook        | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 3                          | 0                               | Urbanized Area             | 5     | Low Priority     |
| 4008-03-1                             | Cold Brook        | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 0                          | 0                               | Urbanized Area             | 2     | Low Priority     |
| 4008-01-2-R1                          | Cold Brook        | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 0                          | 0                               | Urbanized Area             | 2     | Low Priority     |
| 4707-06-1-L1                          | Blackledge River  | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 0                          | 0                               | Urbanized Area             | 2     | Low Priority     |
| 4707-04-1                             | Blackledge River  | 0  | 0   | 0  | 0                                    | 0  | 2  | 0  | 0                          | 0                               | Urbanized Area             | 2     | Low Priority     |

Table 8-1. Outfall Catchment System Vulnerability Factor (SVF) Inventory

| Catchment ID (CTDEEP Local Basin ID #) | Receiving Water   | 1 History of SSOs | 2 Common or Twin Invert Manholes | 3 Common Trench Construction | 4 Storm/Sanitary Crossings (Sanitary Above) | 5 Sanitary Lines with Underdrains | 6 Inadequate Sanitary Level of Service | 7 Areas Formerly Served by Combined Sewers | 8 Sanitary Infrastructure Defects | 9 SSO Potential In Event of System Failures | 10 Sanitary and Storm Drain Infrastructure >40 years Old | 11 Septic with Poor Soils or Water Table Separation | 12 History of BOH Actions Addressing Septic Failure |
|--|-------------------|-------------------|----------------------------------|------------------------------|---|-----------------------------------|--|--|-----------------------------------|---|--|---|---|
| 4000-00-6+R11                          | Connecticut River | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4006-00-2-R7                           | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4006-13-1                              | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | Yes  | No  | No  |
| 4006-09-2-R3                           | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | Yes  | No  | No  |
| 4006-12-1                              | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4006-11-1-L3                           | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4006-11-1-L1                           | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | Yes  | No  | No  |
| 4006-00-2-R6                           | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | Yes  | No                                | Yes   | Yes  | No  | No  |
| 4006-06-1                              | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | Yes  | No  | No  |
| 4006-00-2-L1                           | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | Yes   | Yes  | No  | No  |
| 4000-00-6+R12                          | Connecticut River | No                | No                               | No                           | No  | No                                | No                                     | Yes  | No                                | No  | Yes  | No  | No  |
| 4007-00-1                              | Hubbard Brook     | No                | No                               | No                           | No  | No                                | No                                     | Yes  | No                                | Yes   | Yes  | No  | No  |
| 4006-00-2-R5                           | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | Yes   | Yes  | No  | No  |
| 4006-00-2-R4                           | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | Yes   | Yes  | No  | Yes   |
| 4006-00-2-R3                           | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | Yes   | Yes  | No  | Yes   |
| 4006-00-2-R2                           | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | Yes   | Yes  | No  | No  |
| 4006-02-1-L1                           | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | Yes   | Yes   |
| 4006-01-1-L1                           | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | Yes   | Yes   |
| 4009-04-1                              | Roaring Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | Yes   | Yes   |
| 4007-00-1-L3                           | Hubbard Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | Yes   | Yes  | No  | No  |
| 4007-00-1-L2                           | Hubbard Brook     | No                | No                               | No                           | No  | No                                | No                                     | Yes  | No                                | Yes   | No   | Yes   | No  |

| Catchment ID (CTDEEP Local Basin ID #) | Receiving Water   | 1 History of SSOs | 2 Common or Twin Invert Manholes | 3 Common Trench Construction | 4 Storm/Sanitary Crossings (Sanitary Above) | 5 Sanitary Lines with Underdrains | 6 Inadequate Sanitary Level of Service | 7 Areas Formerly Served by Combined Sewers | 8 Sanitary Infrastructure Defects | 9 SSO Potential In Event of System Failures | 10 Sanitary and Storm Drain Infrastructure >40 years Old | 11 Septic with Poor Soils or Water Table Separation | 12 History of BOH Actions Addressing Septic Failure |
|--|-------------------|-------------------|----------------------------------|------------------------------|---|-----------------------------------|--|--|-----------------------------------|---|--|---|---|
| 4007-01-1                              | Hubbard Brook     | Yes               | No                               | No                           | No  | No                                | No                                     | Yes  | No                                | Yes   | Yes  | No  | No  |
| 4006-04-1                              | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | Yes   |
| 4006-04-1-L1                           | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | Yes   |
| 4007-00-2-R1                           | Hubbard Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | Yes   | Yes  | No  | No  |
| 4007-00-3-R1                           | Hubbard Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | Yes  | No  | No  |
| 4007-00-3-R2                           | Hubbard Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4007-02-2-R1                           | Hubbard Brook     | No                | No                               | No                           | No  | No                                | No                                     | Yes  | No                                | Yes   | Yes  | No  | No  |
| 4007-03-1                              | Hubbard Brook     | No                | No                               | No                           | No  | No                                | No                                     | Yes  | No                                | Yes   | No   | No  | No  |
| 4007-04-1                              | Hubbard Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | Yes   |
| 4007-02-1                              | Hubbard Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | Yes   | No   | No  | Yes   |
| 4007-04-1-L1                           | Hubbard Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | Yes   | No   | No  | Yes   |
| 4009-00-3-R5                           | Roaring Brook     | No                | No                               | No                           | No  | No                                | No                                     | Yes  | No                                | Yes   | Yes  | No  | Yes   |
| 4009-00-3-L6                           | Roaring Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | Yes   |
| 4000-00-6+R12                          | Connecticut River | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4000-00-6+R13                          | Connecticut River | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4000-00-6+R15                          | Connecticut River | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4000-00-6+R16                          | Connecticut River | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | Yes   |
| 4009-00-2-L4                           | Roaring Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | Yes  | Yes   | Yes   |
| 4009-00-2-R3                           | Roaring Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | Yes   | Yes  | No  | Yes   |
| 4009-00-2-R2                           | Roaring Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | Yes  | No  | No  |
| 4009-05-2-R2                           | Roaring Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | Yes   |
| 4009-05-2-R1                           | Roaring Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |

| Catchment ID (CTDEEP Local Basin ID #) | Receiving Water   | 1 History of SSOs | 2 Common or Twin Invert Manholes | 3 Common Trench Construction | 4 Storm/Sanitary Crossings (Sanitary Above) | 5 Sanitary Lines with Underdrains | 6 Inadequate Sanitary Level of Service | 7 Areas Formerly Served by Combined Sewers | 8 Sanitary Infrastructure Defects | 9 SSO Potential In Event of System Failures | 10 Sanitary and Storm Drain Infrastructure >40 years Old | 11 Septic with Poor Soils or Water Table Separation | 12 History of BOH Actions Addressing Septic Failure |
|--|-------------------|-------------------|----------------------------------|------------------------------|---|-----------------------------------|--|--|-----------------------------------|---|--|---|---|
| 4009-00-3-R1                           | Roaring Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | Yes   |
| 4009-00-3-R2                           | Cold Brook        | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | Yes  | No  | Yes   |
| 4008-00-2-L1                           | Cold Brook        | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | Yes  | No  | Yes   |
| 4000-00-6+R14                          | Connecticut River | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4000-00-6+R16                          | Connecticut River | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | Yes   |
| 4000-00-6+R17                          | Connecticut River | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4000-00-6+R18                          | Connecticut River | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4000-30-1                              | Connecticut River | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | Yes   |
| 4000-30-1-L1                           | Connecticut River | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4000-35-1                              | Connecticut River | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4006-02-1                              | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4006-03-1                              | Salmon Brook      | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | Yes   | No   | No  | Yes   |
| 4007-00-1-L1                           | Hubbard Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4009-08-1                              | Roaring Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | Yes   |
| 4009-00-2-R2                           | Roaring Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | Yes   |
| 4009-00-2-R1                           | Roaring Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4009-03-1                              | Roaring Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4009-09-1                              | Roaring Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | Yes   |
| 4009-00-3-L5                           | Roaring Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | Yes   |
| 4009-07-1                              | Roaring Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | Yes   |
| 4009-05-1                              | Roaring Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | Yes   |
| 4009-06-1                              | Roaring Brook     | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |

| Catchment ID (CTDEEP Local Basin ID #) | Receiving Water  | 1 History of SSOs | 2 Common or Twin Invert Manholes | 3 Common Trench Construction | 4 Storm/Sanitary Crossings (Sanitary Above) | 5 Sanitary Lines with Underdrains | 6 Inadequate Sanitary Level of Service | 7 Areas Formerly Served by Combined Sewers | 8 Sanitary Infrastructure Defects | 9 SSO Potential In Event of System Failures | 10 Sanitary and Storm Drain Infrastructure >40 years Old | 11 Septic with Poor Soils or Water Table Separation | 12 History of BOH Actions Addressing Septic Failure |
|--|------------------|-------------------|----------------------------------|------------------------------|---|-----------------------------------|--|--|-----------------------------------|---|--|---|---|
| 4009-00-3-R4                           | Roaring Brook    | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | Yes   |
| 4009-00-2-L3                           | Roaring Brook    | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4009-00-2-L2                           | Roaring Brook    | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4008-00-2-L2                           | Cold Brook       | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | Yes   |
| 4008-03-1                              | Cold Brook       | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4008-01-2-R1                           | Cold Brook       | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4707-06-1-L1                           | Blackledge River | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4707-04-1                              | Blackledge River | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4707-00-2-L3                           | Blackledge River | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4707-00-2-R4                           | Blackledge River | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4707-06-1                              | Blackledge River | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |
| 4707-06-1-L2                           | Blackledge River | No                | No                               | No                           | No  | No                                | No                                     | No   | No                                | No  | No   | No  | No  |

**Presence/Absence Evaluation Criteria:**

- History of SSOs, including, but not limited to, those resulting from wet weather, high water table, or fat/oil/grease blockages
- Common or twin-invert manholes serving storm and sanitary sewer alignments
- Common trench construction serving both storm and sanitary sewer alignments
- Crossings of storm and sanitary sewer alignments where the sanitary system is shallower than the storm drain system
- Sanitary sewer alignments known or suspected to have been constructed with an underdrain system
- Inadequate sanitary sewer level of service (LOS) resulting in regular surcharging, customer back-ups, or frequent customer complaints
- Areas formerly served by combined sewer systems
- 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
- Sewer pump/lift stations, siphons, or known sanitary sewer restrictions where power/equipment failures or blockages could readily result in SSOs
- Any sanitary sewer and storm drain infrastructure greater than 40 years old
- Widespread code-required septic system upgrades required at property transfers (indicative of inadequate soils, water table separation, or other physical constraints of the area rather than poor owner maintenance)
- History of multiple health department actions addressing widespread septic system failures (indicative of inadequate soils, water table separation, or other physical constraints of the area rather than poor owner maintenance)

## **ATTACHMENT D**

IMPAIRED WATER OUTFALL TESTING DATA

Town of Glastonbury  
 Outfall Testing to Impaired Waterbodies  
 2020-2024

| Outfall ID No.   | Street           | Location                          | Diameter | Material | Outlet Style | 2020 Test Results                            | 2024 Test Results      |                             |                 | Follow Up       | Possible Sources                   | Waterbody Name     | Waterbody ID      | Impairment | Class |
|--|------------------|-----------------------------------|----------|----------|--------------|--|------------------------|-----------------------------|-----------------|-----------------|------------------------------------|--------------------|-------------------|------------|-------|
|  |                  |                                   |          |          |              | E. Coli (MPN/100 mls)                        | Enterococci MPN/100mls | Fecal Coliforms MPN /100mls | Chlorine (mg/L) |                 |                                    |                    |                   |            |       |
| NA25-200   | Naubuc Avenue    | Glastonbury Blvd system           | 72"      | RCP      | Headwall     | 41   | 197                    | 109                         | 261             | None            |                                    | Keeney Cove        | Connecticut River | Bacteria   | SB    |
| NA25-1879  | Naubuc Avenue    | at Glastonbury Blvd               | 24"      | RCP      | Headwall     | ADDED TO LIST IN 2024, NOT PREVIOUSLY TESTED |                        |                             |                 | Test 2025       |                                    |                    |                   |            |       |
| NA25-2913  | Naubuc Avenue    | Pratt St system                   | 21"      | VCP      | Headwall     | 31   | 265                    | 52                          | 36.2            | None            |                                    | Keeney Cove        | Connecticut River | Bacteria   | SB    |
| NA25-2919  | Naubuc Avenue    | at Pratt St                       | 15"      | RCP      | Headwall     | 31   | 3080                   | 213                         | 47.6            | Test 2025, IDDE | sewer X-connection                 | Keeney Cove        | Connecticut River | Bacteria   | SB    |
| NA25-3213  | Naubuc Avenue    | N. of Kingsbury                   | 15"      | RCP      | Headwall     | 10   | 1330                   | 20                          | 66              | Test 2025, IDDE | sewer X-connection                 | Keeney Cove        | Connecticut River | Bacteria   | SB    |
| NA25-3425  | Naubuc Avenue    | Kingsbury Ln system               | 15"      | RCP      | Flared End   | 4350   | 512                    | 723                         | 13.7            | Test 2025, IDDE | sewer X-connection                 | Keeney Cove        | Connecticut River | Bacteria   | SB    |
| NA25-4437  | Naubuc Avenue    | N. of arch culvert                | 15"      | RCP      | Headwall     | 41   | SUBMERGED              | SUBMERGED                   | ND              | None            |                                    | Keeney Cove        | Connecticut River | Bacteria   | SB    |
| NA25-4481  | Naubuc Avenue    | E. of arch culvert                | 30"      | RCP      | Headwall     | 727  | 2100                   | 520                         | ND              | Test 2025, IDDE | sewer X-connection                 | Keeney Cove        | Connecticut River | Bacteria   | SB    |
| RFBH-010   | Welles Street    | Ph2 Park, Boat Launch area        | 15"      | CHDPE    | Flared End   | 10   | 738                    | 1270                        | 6.8             | IDDE            | Pet Waste, Water Fowl              | Connecticut River  | Connecticut River | Bacteria   | SB    |
| RFBH-044   | Welles Street    | Ph2 Park, Yard drains at Fountain | 12"      | CHDPE    | Flared End   | >48400                                       | NO FLOW                | NO FLOW                     | ND              | IDDE            |                                    | Connecticut River  | Connecticut River | Bacteria   | SB    |
| WE20-3484  | Welles Street    | at fountain, center area          | 36"      | RCP      | Flared End   | 31   | 221                    | 75                          | 104             | None            |                                    | Connecticut River  | Connecticut River | Bacteria   | SB    |
| RPPK-018   | Welles Street    | Ph1 Park, Manhole at tri-culvert  | 24"      | HDPE     | In Culvert   | 9770   | 368                    | 20                          | ND              | IDDE            | Pet Waste, Water Fowl              | Connecticut River  | Connecticut River | Bacteria   | SB    |
| MA15-8193  | Main Street      | behind treatment plant            | 24"      | RCP      | End of Pipe  | 1520   | <10                    | <10                         | ND              | IDDE            |                                    | Connecticut River  | Connecticut River | Bacteria   | SB    |
| MA15-8819  | Main Street      | Willow Green Ln (Private)         | 24"      | RCP      | Flared End   | 882  | 10                     | <10                         | ND              | None            |                                    | Connecticut River  | Connecticut River | Bacteria   | SB    |
| WE40-791   | Westview Lane    | at culdesac (1 inlet)             | 18"      | RCP      | Open End     | 74   | <10                    | 41                          | ND              | None            |                                    | Meadow Drain Brook | Connecticut River | Bacteria   | SB    |
| MA20-1382  | Mallard Drive    | Drains to Det Pond                | 18"      | RCP      | Flared End   | 41   | 62                     | 20                          | 0.35            | None            |                                    | Holland Brook      | Connecticut River | Bacteria   | SB    |
| ST35-1046  | Stockade Road    | west end, a few inlets            | 15"      | RCP      | Open End     | 145  | <10                    | 295                         | ND              | IDDE            |                                    | Roaring Brook      | Connecticut River | Bacteria   | SB    |
| TR30-1130  | Tyron Street     | Dug Rd Outfall 1                  | Twin 36" | CHDPE    | Flared End   | >48400                                       | NO FLOW                | NO FLOW                     | ND              | Test 2025, IDDE | Septic failure, Manure, Water Fowl | Wetland Area       | Connecticut River | Bacteria   | SB    |
| Tryon Street OF#2  | Tyron Street     | at CT River                       | 36"      | RCP      | Flared End   | 10   | NO FLOW                | NO FLOW                     | ND              | None            |                                    | Connecticut River  | Connecticut River | Bacteria   | SB    |
| TR30-4044  | Tryon Street     | at CT River / Duffords Ldg        | 54"      | RCP      | Flared End   | 97   | 20                     | 74                          | ND              | None            |                                    | Connecticut River  | Connecticut River | Bacteria   | SB    |
| TR30-5308  | Tryon Street     | at Boat Yard, 1 inlet             | 15"      | RCP      | End of Pipe  | 912  | 175                    | 10                          | 23.1            | IDDE            |                                    | Connecticut River  | Connecticut River | Bacteria   | SB    |
| TR30-10480   | Tryon Street     | Old Maids Ln, 2 inlets            | 15"      | RCP      | ?            | 862  | 816                    | 61                          | 14.1            | Test 2025, IDDE | Manure, Water Fowl                 | Connecticut River  | Connecticut River | Bacteria   | SB    |
| TR30-11044   | Tryon Street     | Bulky Waste Drive                 | 18"      | CMP      | End of Pipe  | 10   | 210                    | <10                         | 8.7             | None            |                                    | Connecticut River  | Connecticut River | Bacteria   | SB    |
| RT83-19028   | Manchester Road  | Neipsic Rd system                 | 18"      | CMP      | Flared End   | 107  | 759                    | 52                          | ND              | IDDE            |                                    | Angus Pond         | Angus Pond        | Bacteria   | A     |
| BU20-2077  | Butler Drive     | Swale between 45-57               | 18"      | RCP      | Flared End   | NO FLOW                                      | NO FLOW                | NO FLOW                     | ND              | None            |                                    | Angus Pond         | Angus Pond        | Bacteria   | A     |
| SH50-1512  | Shoddy Mill Road | at Roaring Brook, Butler system   | 36"      | CMP      | Flared End   | 52   | 327                    | 10                          | ND              | None            |                                    | Roaring Brook      | Angus Pond        | Bacteria   | A     |
| <b>NOTES</b>   |                  |                                   |          |          |              |  |                        |                             |                 |                 |                                    |                    |                   |            |       |
| 1. Highlighted test results exceed allowable values from MS4 Permit and require follow up. |                  |                                   |          |          |              |  |                        |                             |                 |                 |                                    |                    |                   |            |       |