

TOWN OF WILLINGTON, CONNECTICUT MS4 STORMWATER PROGRAM ANNUAL REPORT FOR 2021



Prepared: October 2022

MS4 General Permit
Town of Willington, CT 2021 Annual Report
Permit Number GSM 000123
January 1, 2021 – December 31, 2021
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This report documents Willington's efforts to comply with the conditions of the MS4 General Permit to the maximum extent practicable (MEP) from January 1, 2021 to December 31, 2021.

Part I: Summary of Minimum Control Measure Activities

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

1.1 BMP Summary

BMP	Activities in current reporting period	Sources Used (if applicable)	Method of Distribution	Audience (and number of people reached)	Measurable Goal	Department / Person Responsible	Additional details
1-1 Implement public education and outreach	Staff meetings to set up public participation and place public information on website.	MS4 Report for Public Viewing & NEMO General Stormwater Education Library	Town Public Website	Townwide / Available to all citizens	Continue News Releases & Informational Meetings	Public Works & Planning / Land Use	Meetings continue to be held on an annual basis between Selectmen, Public Works and Department staff.
1-2 Address education/ outreach for pollutants of concern	Staff meetings to set up outreach program for public participation.	NEMO Specific Pollutant Library	Town Public Website	Townwide / Available to all citizens	Set up website information and update on a regular basis.	Public Works & Planning / Land Use	Continuing to involve varied membership from Town Committees.

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

Outreach and educational efforts will be continue to be outlined and explained to the general public through information on the Town's website for the coming year and, as noted above, efforts will be made to reach out to schools to include students and educators in an effort to maintain good water quality within the Town's rivers and streams.

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

2.1 BMP Summary

BMP	Status (Complete, Ongoing, In Progress, or Not started)	Activities in current reporting period	Measurable Goal	Department / Person Responsible	Date completed or projected completion date (include the start date for anything that is 'in progress')	Location Posted	Additional details
2-1 Final Stormwater Management Plan publicly available	Complete	Posting of information and annual report	Continue posting of new information and annual report	Public Works & Planning / Land Use	November 10, 2022	https://www.wilmingtonct.gov/	
2-2 Comply with public notice requirements for Annual Reports (annually by 2/15)	Ongoing	Posting of information and annual report on Town website	Continue on an annual basis	Public Works & Planning / Land Use	Scheduled completion date November 10, 2022	https://www.wilmingtonct.gov/	

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

- (1) Plan school and field visits for school children
- (2) Designate an inspector or group that will inspect and report on questionable practices and potential violations.

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

3.1 BMP Summary

BMP	Status (Complete, Ongoing, In Progress, or Not started)	Activities in current reporting period	Measurable Goal	Department / Person Responsible	Date completed or projected completion date (include the start date for anything that is 'in progress')	Additional details
3-1 Develop written IDDE program (Due 7/1/19)	In progress	Town continues to prepare a written IDDE program using the CT IDDE program template	Develop written plan of IDDE program	Public Works	Start: April 2021 Anticipated Completion: 04/2023	
3-2 Develop list and maps of all MS4 stormwater outfalls in priority areas (Due 7/1/20)	In progress	Mapping firm has been employed and is in the process of mapping townwide stormwater infrastructure	Consulting firm to complete townwide mapping project	Public Works	Start: June 2022 Anticipated Completion: April 2023	
3-3 Implement citizen reporting program (Ongoing)	Ongoing	Coordinate reporting with existing input from Town residents	Posting of reporting forms on website	Public Works & Selectmen's Office	Spring 2023	
3-4 Establish legal authority to prohibit illicit discharges (Due 7/1/19)	Ongoing	Ordinance is currently under consideration through legal consultants	Draft final ordinance for staff and public input	Public Works & Selectmen's Office	Spring 2023	
3-5 Develop record keeping system for IDDE tracking (Due 7/1/17)	In progress	Record keeping system under consideration by Public Works and Land Use Dept.	Draft document for staff and public input	Public Works & Land Use Dept.	Spring 2023	
3-6 Address IDDE in areas with pollutants of concern	Ongoing	Public Works staff monitoring any potential discharges	Documenting annual IDDE survey	Public Works & Selectmen's Office	Spring 2023	

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

As of the date of this report, Public Works has not identified any IDDE activities to date, but continues to monitor Town-wide activities and make inquiries where and when necessary.

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

Location (Lat long/ street crossing /address and receiving water)	Date and duration of occurrence	Discharge to MS4 or surface water	Estimated volume discharged	Known or suspected cause / Responsible party	Corrective measures planned and completed (include dates)	Sampling data (if applicable)
None received to date						

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
None reported during the 2020 calendar year		None taken; staff will monitor any potential IDDE activities and investigate appropriately if and when detected.		Public Works & Land Use Dept.

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

Public Works and IWWA continue to keep track of any reported illicit discharge activity. As noted above, no such reports were received in 2021.

3.6 IDDE reporting metrics

Metrics	
Estimated or actual number of MS4 outfalls	Mapping in progress; final number to be determined.
Estimated or actual number of interconnections	Mapping in progress; final number to be determined.
Outfall mapping complete	Mapping in progress; anticipated completion April 2023.
Interconnection mapping complete	Mapping in progress; anticipated completion April 2023.
System-wide mapping complete (detailed MS4 infrastructure)	Mapping in progress; anticipated completion April 2023.
Outfall assessment and priority ranking	Assessment to be finalized upon completion of mapping.
Dry weather screening of all High and Low priority outfalls complete	Assessment to be finalized upon completion of mapping.
Catchment investigations complete	Assessment to be finalized upon completion of mapping.
Estimated percentage of MS4 catchment area investigated	Assessment to be finalized upon completion of mapping.

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

Town staff have participated and will continue to participate in annual meetings, seminars and hearings related to these issues, and will continue to do so as such become available.

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	Additional details
4-1 Implement, upgrade, and enforce land use regulations or other legal authority to meet requirements of MS4 general permit (Due 7/1/20)	In progress	Continue with current procedures.	Maintain current standards and review periodically.	Land Use Dept.		Current Land Use regulations contain significant provisions for the regulation of stormwater runoff from construction sites.
4-2 Develop/Implement plan for interdepartmental coordination in site plan review and approval	Ongoing	Continue with current procedures.	Maintain current standards and review periodically.	Land Use Dept.		
4-3 Review site plans for stormwater quality concerns	Ongoing	Continue with current procedures.	Maintain current standards and review periodically.	Land Use Dept.		
4-4 Conduct site inspections	Ongoing	Continue with current procedures.	Maintain current standards and review periodically.	Land Use Dept.		
4-5 Implement procedure to allow public comment on site development	Ongoing	Continue with current procedures.	Maintain current standards and review periodically.	Land Use Dept.		
4-6 Implement procedure to notify developers about DEEP construction stormwater permit	Ongoing	Continue with current procedures.	Maintain current standards and review periodically.	Land Use Dept.		

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

Integrate stormwater compliance checklist into review process once completed.

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

5.1 BMP Summary

BMP	Status (Complete, Ongoing, In Progress, or Not started)	Activities in current reporting period	Measurable Goal	Department / Person Responsible	Date completed or projected completion date	Additional details
5-1 Establish and/or update legal authority and guidelines regarding LID and runoff reduction in site development planning (Due 7/1/22)	In progress	Continue with current procedures.	Maintain current standards and review periodically.	Land Use Dept.	Completed 2022	
5-2 Enforce LID/runoff reduction requirements for development and redevelopment projects (Due 7/1/22)	In progress	Continue with current procedures.	Maintain current standards and review periodically.	Land Use Dept.	Completed 2022	
5-3 Identify retention and detention ponds in priority areas (Due 7/1/20)	In progress	Continue with current procedures for existing facilities and map future development.	Maintain current standards and review periodically.	Land Use Dept.	Completed 2022	
5-4 Implement long-term maintenance plan for stormwater basins and treatment structures (Ongoing)	In progress	Continue with current procedures for Town and monitor commercial and industrial sites in future.	Maintain current standards and review periodically.	Public Works and Land Use Dept.	Completed 2022	
5-5 DCIA mapping (Due 7/1/20)	In progress	Solicit information on available mapping firms and coordinate with Town-wide stormwater mapping.	Procure services of GIS mapping firm	Public Works and Selectmen's Office	Completed 2022	
5-6 Address post-construction issues in areas with pollutants of concern	In progress	Continue with current procedures.	Maintain current standards and review periodically.	Public Works and Land Use Dept.	Completed 2022	

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

Public Works continues to clean high priority detention ponds, storm water catch basins and other Town facilities related to runoff and drainage. In addition, the Town has completed several significant stormwater improvement projects which have resulted in improved water quality; Public Works will continue to monitor the effectiveness of these projects and maintain them into the foreseeable future.

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)	To be assessed upon completion of ongoing mapping project.
DCIA disconnected (redevelopment plus retrofits)	To be assessed upon completion of ongoing mapping project.
Retrofit projects completed	To be assessed upon completion of ongoing mapping project.
DCIA disconnected	To be assessed upon completion of ongoing mapping project.
Estimated cost of retrofits	To be assessed upon completion of ongoing mapping project.
Detention or retention ponds identified	To be assessed upon completion of ongoing mapping project.

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

These metrics are currently under development through the implementation of Town based GIS mapping. Once completed, the Town plans for the layer to be added to its base GIS maps.

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	Additional details
6-1 Develop/implement formal employee training program (Ongoing)	Ongoing	Maintain existing program.	Maintain existing program.	Public Works	Ongoing	
6-2 Implement MS4 property and operations maintenance (Ongoing)	Ongoing	Maintain existing program.	Maintain existing program.	Public Works	Ongoing	
6-3 Implement coordination with interconnected MS4s	Ongoing	Under study	Maintain existing program.	Public Works	Ongoing	
6-4 Develop/implement program to control other sources of pollutants to the MS4	Ongoing	Under study	Maintain existing program.	Public Works	Ongoing	
6-5 Evaluate additional measures for discharges to impaired waters*	Ongoing	Under study	Maintain existing program.	Public Works	Ongoing	
6-6 Track projects that disconnect DCIA (Ongoing)	Ongoing	Under study	Maintain existing program.	Public Works	Ongoing	
6-7 Implement infrastructure repair/rehab program (Due 7/1/21)	Ongoing	Will include future projects for Village Hill and Schofield Roads.	Maintain existing CIP program.	Public Works	Ongoing	

6-8 Develop/implement plan to identify/prioritize retrofit projects (Due 7/1/20)	Ongoing	Under study		Public Works	Ongoing	
6-9 Implement retrofit projects to disconnect 2% of DCIA (Due 7/1/22)	Ongoing	Under study		Public Works		
6-10 Develop/implement street sweeping program (Ongoing)	Ongoing	Program in place	Maintain existing CIP program.	Public Works		
6-11 Develop/implement catch basin cleaning program (Ongoing)	Ongoing	Program in place	Maintain existing CIP program.	Public Works		
6-12 Develop/implement snow management practices (Due 7/1/18)	Ongoing	Program in place	Maintain existing CIP program.	Public Works		

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

Will continue programs of street sweeping, catch basin cleaning and repair of deteriorating infrastructure.

6.3 Pollution Prevention/ Good Housekeeping reporting metrics

Metrics	
Employee training provided for key staff	2021
Street sweeping	
Curb miles swept	120
Volume (or mass) of material collected	300 tons
Catch basin cleaning	
Total catch basins in priority areas (value will be less than or equal to total catch basins town or institution-wide)	
Total catch basins town- (or institution-) wide	900
Catch basins inspected	All
Catch basins cleaned	500
Volume (or mass) of material removed from all catch basins	150 tons
Volume removed from catch basins to impaired waters (if known)	0
Snow management	
Type(s) of deicing material used	3:1 Mix, Salt to Sand
Total amount of each deicing material applied	2,000 tons
Type(s) of deicing equipment used	
Lane-miles treated (A lane-mile is a mile of roadway in a single driving lane)	140 miles
Snow disposal location	Town property (old gravel pit)
Staff training provided on application methods & equipment	Ongoing
Municipal turf management program actions (for permittee properties in basins with N/P impairments)	
Reduction in application of fertilizers (since start of permit)	0 %
Reduction in turf area (since start of permit)	Not applicable
Lands with high potential to contribute bacteria (dog parks, parks with open water, & sites with failing septic systems)	
Cost of mitigation actions/retrofits	Not applicable

6.4 Catch basin cleaning program

Provide any updates or modifications to your catch basin cleaning program.
Program is being implemented efficiently; no current modifications are anticipated.

6.5 Retrofit program

Briefly describe the Retrofit Program identification and prioritization process, the projects selected for implementation, the rationale for the selection of those projects and the total DCIA to be disconnected upon completion of each project. (Due 7/1/20)

Prioritization is dependent on the capital improvement plan and budget. Conditional assessments of projects are evaluated on an annual basis.

Describe plans for continuing the Retrofit program and how to achieve a goal of 1% DCIA disconnection annually in future years. (Due 7/1/22)

The program will be evaluated on an annual basis and, because DCIA areas are limited within the Town, no long term changes are anticipated at this time.

Part II: Impaired waters investigation and monitoring

1. Impaired waters investigation and monitoring program

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

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

Nitrogen/ Phosphorus ☐

Bacteria ☐

Mercury ☐

Other Pollutant of Concern ☐

1.2 Describe program status

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

The Willimantic River, according to the current MS4 mapping available as of the date of this report, continues to be the only waterway or water body within the Town of Willington that is currently listed as impaired. This river forms the westerly boundary of the Town of Willington, a boundary that is shared, in part, with the towns of Ellington, Tolland and Coventry. The river emanates from the Town of Stafford at Willington's northwest corner and continues into the Town of Mansfield at its southwest corner. The source of the impairment in the river was in the past found to be from two sources, the wastewater treatment plant just upstream in Stafford, and the subsurface sewage disposal system of the State of Connecticut's highway rest area along the river's intersection with Interstate 84. As of the current date, the I-84 rest area is no longer listed, ostensibly due to a reconstruction of its subsurface sewage disposal system. As such, the Town of Stafford's sewage treatment plant remains the only source of potential pollutants along the river. As with past reports, there are no direct stormwater discharges to the Willimantic River from the Town of Willington's stormwater drainage system. As such, the Town of Willington has not contributed and does not currently contribute to the impairment of this river.

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

2.1 Screening data

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

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

Outfall ID	Latitude / Longitude	Sample date	Parameter (Nitrogen, Phosphorus, Bacteria, or Other pollutant of concern)	Results	Name of Laboratory (if used)	Follow-up required? *
Not Applicable	Not Applicable	Not Applicable	Not Applicable			Because the Town of Willington has no direct outfalls to the only impaired waterbody, the Willimantic River, there are no current plans to collect or screen data for this purpose.

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

Pollutant of concern	Pollutant threshold
Nitrogen	Total N > 2.5 mg/l
Phosphorus	Total P > 0.3 mg/l
Bacteria (fresh waterbody)	<ul style="list-style-type: none"> E. coli > 235 col/100ml for swimming areas or 410 col/100ml for all others Total Coliform > 500 col/100ml
Bacteria (salt waterbody)	<ul style="list-style-type: none"> Fecal Coliform > 31 col/100ml for Class SA and > 260 col/100ml for Class SB Enterococci > 104 col/100ml for swimming areas or 500 col/100 for all others
Other pollutants of concern	Sample turbidity is 5 NTU > in-stream sample

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

Provide the following information for outfalls exceeding the pollutant threshold.

Outfall ID	Status of drainage area investigation	Control measure to address impairment
Not Applicable	See previous discussion under Sections 1.2 and 2.1.	Not Applicable

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.

Outfall	Latitude / Longitude	Sample Date	Parameter(s)	Results	Name of Laboratory (if used)
Not Applicable					

Part III: Additional IDDE Program Data

1. Assessment and Priority Ranking of Catchments data (Appendix B (A)(7)(c) / page 5)

Provide a list of all catchments with ranking results (DEEP basins may be used instead of manual catchment delineations).

1. Catchment ID (DEEP Basin ID)	2. Category	3. Rank
Ongoing; to be assessed upon completion of current mapping project.		

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 / Interconnection ID	Latitude / Longitude	Screening / sample date	Ammonia	Chlorine	Conductivity	Salinity	E. coli or enterococcus	Surfactants	Water Temp	Pollutant of concern	If required, follow-up actions taken
Ongoing; to be assessed upon completion of current mapping project.											

2.2 Wet weather sample and inspection data

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

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

Outfall / Interconnection ID	Latitude / Longitude	Sample date	Ammonia	Chlorine	Conductivity	Salinity	E. coli or Enterococcus	Surfactants	Water Temp	Pollutant of concern
None required at this time										

3. Catchment Investigation data (Appendix B (A)(7)(e) / page 9)

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

3.1 System Vulnerability Factor Summary

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

Outfall ID	Receiving Water	System Vulnerability Factors
Ongoing; to be assessed upon completion of current mapping project.		

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
None identified at this time						

3.3 Wet weather follow-up investigation outfall sampling data

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

Outfall ID	Latitude / Longitude	Sample date	Ammonia	Chlorine	Surfactants
None identified at this time					

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
None identified at this time							

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: Erika Wiecewski First Selectman, Town of Willington	Print name: Karl F. Acimovic, P.E. & L.S.
Signature / Date:	Signature / Date:
Email:	Email: