

**MS4 General Permit  
Town of Plainfield 2022 Annual Report  
Permit Number GSM 0000120**

January 1, 2022 – December 31, 2022

Primary MS4 Contact: Mary Ann Chinatti, Town Planner, 860-230-3028, mchinatti@plainfieldct.org

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This report documents Plainfield's efforts to comply with the conditions of the MS4 General Permit to the maximum extent practicable (MEP) from January 1, 2022 to December 31, 2022.

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

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

**1.1 BMP Summary**

<b>BMP</b>	<b>Activities in current reporting period</b>	<b>Sources Used (if applicable)</b>	<b>Method of Distribution</b>	<b>Audience (and number of people reached)</b>	<b>Measurable Goal</b>	<b>Department / Person Responsible</b>	<b>Additional details</b>
1-1 Implement public education and outreach	COMPLETE		Digital	Town-wide/total population (15,105)	Add Section to Town's website identifying various pollutants and impacts they have on surface/groundwater/have hand-outs available at town hall	Planning and Zoning/Mary Ann Chinatti	Uploaded to Town website: What's the Scoop, When it Rains, it Pollutes, How to Dispose of Unwanted Medications brochures;additional uploads will be ongoing
1-2 Address education/outreach for pollutants of concern	Ongoing		Digital	Town-wide/total population (15,105)	Stormwater Management Plan/Annual Reports will be available for viewing/comment on the Town website.	Planning and Zoning/Mary Ann Chinatti	Upon completion, Annual Report will be uploaded to Town's website. Stormwater Mgmt. Plan previously uploaded.

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

The Town will continue to make information available on common sources of phosphorous, nitrogen, bacteria and mercury pollution and how to prevent/reduce the amount reaching the MS4 and discharging into waterways.

## 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		Upload to Town website	Planning and Zoning/Mary Ann Chinatti	4-1-17	<a href="https://cms8files.revize.com/plainfieldct/Document%20Center/Department/Planning%20&amp;%20Zoning/Municipal%20Separate%20Storm%20Water%20Systems/ms4.pdf">https://cms8files.revize.com/plainfieldct/Document%20Center/Department/Planning%20&amp;%20Zoning/Municipal%20Separate%20Storm%20Water%20Systems/ms4.pdf</a>	
2-2 Comply with public notice requirements for Annual Reports (annually by 2/15)	<i>Complete</i>	<i>Report completed</i>	<i>Upload Report to Town website; physical copy available in the Town Clerk's Office</i>	Planning and Zoning/Mary Ann Chinatti	<i>Started 1-5-23, anticipate completion NLT 3-5-23</i>	<i>www.plainfieldct.org</i>	

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

*Other than previously stated, no activities planned for the next year.*

IDDE brochure uploaded to Town website 2-1-22.

### 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)	<i>In progress</i>	<i>Town is in process of completing written IDDE program using the CT IDDE program template</i>	<i>Develop written plan of IDDE program</i>	<i>Highway Dept./Ron Berube</i>	<i>Anticipate completing by end of cy</i>	
3-2 Develop list and maps of all MS4 stormwater outfalls in priority areas (Due 7/1/20)	<i>In progress</i>	<i>Town is in process of compiling this information</i>	<i>All outfalls in the Town will be located/input into the Towns GIS</i>	<i>Planning and Zoning/Mary Ann Chinatti</i>	<i>Begun 10/2018, anticipate completion by 7/1/23</i>	<i>Mapping complete, QA review ongoing</i>
3-3 Implement citizen reporting program (Ongoing)	<i>Complete</i>	<i>Ordinance adopted at Town Meeting 10-8-2019, Reporting Form subsequently uploaded to Town's website</i>	<i>Establish system to allow citizen reporting of suspected illicit discharges/investigate and eliminate any illicit discharges for which information is provided/inspect reported outfall or manhole and proceed per requirements of written IDDE</i>	<i>Board of Selectmen/Highway Dept., Ron Berube</i>	<i>11-1-2019</i>	
3-4 Establish legal authority to prohibit illicit discharges (Due 7/1/19)	<i>Complete</i>	<i>Ordinance adopted at Town Meeting 10-8-2019</i>	<i>Board of Selectmen</i>	<i>Adopted 10-8-2019/effective date 11-1-2019</i>		
3-5 Develop record keeping system for IDDE tracking (Due 7/1/17)	<i>Not started</i>		<i>To have comprehensive listing of abatement activities</i>	<i>Town Engineer</i>	<i>Anticipate completion NLT 12/1/23</i>	



3-6 Address IDDE in areas with pollutants of concern	Not started		Comprehensive list of areas most likely to contribute pollutants to the MS4/work with NDDH to ensure corrective action is taken	Planning and Zoning/Mary Ann Chinatti	Anticipate completion NLT 12/1/23	
3-7 Consolidate IDDE tracking spreadsheets	Not started	Compiling completed infrastructure maps, to be incorporated into one MS4 mapping document	Develop detailed map of MS4/update as new information becomes available/report progress in Annual Report	Town Engineer/Sewer Dept./Public Works, Ron Berube	Anticipate completion by 12/1/23	See BMP 3-2

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

Continue work on written Program; provide link to completed program on Town's website when completed and following IDDE Ordinance adoption at Town Meeting.

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

### 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)

### 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

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

**3.6 IDDE reporting metrics**

Metrics	
Estimated or actual number of MS4 outfalls	#
Estimated or actual number of interconnections	#
Outfall mapping complete	100% - needs to be incorporated into Town's GIS system
Interconnection mapping complete	(%)
System-wide mapping complete (detailed MS4 infrastructure)	(%)
Outfall assessment and priority ranking	(%)
Dry weather screening of all High and Low priority outfalls complete	#
Catchment investigations complete	#
Estimated percentage of MS4 catchment area investigated	%

**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).**

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

### 4.1 BMP Summary

BMP	Status (Complete, Ongoing, In Progress, or Not started)	Activities in current reporting period	Measurable Goal	Department / Person Responsible	Date completed or projected completion date (include the start date for anything that is 'in progress')	Additional details
4-1 Implement, upgrade, and enforce land use regulations or other legal authority to meet requirements of MS4 general permit (Due 7/1/20)	Ongoing			Board of Selectmen/PZC/Planning and Zoning, Mary Ann Chinatti, Ryan Brais	July 1, 2020	Ongoing task
4-2 Develop/Implement plan for interdepartmental coordination in site plan review and approval (Ongoing)	Complete			Planning and Zoning/Mary Ann Chinatti, ryan Brais	7-1-17	This is standard plan review practice and will continue
4-3 Review site plans for stormwater quality concerns (Ongoing)	Ongoing			Planning and Zoning/Mary Ann Chinatti, Ryan Brais	7-1-17	This is standard plan review practice and will continue
4-4 Conduct site inspections (Ongoing)	Ongoing			Planning and Zoning/Ryan Brais	7-1-17	This is standard practice and will continue
4-5 Implement procedure to allow public comment on site development (Ongoing)	Complete			Planning and Zoning, Ryan Brais/Planning and Zoning Commission/Inland	7-1-17	Public comment is allowed and encouraged during any

				Wetlands and Watercourses Commission		public hearing for an application
4-6 Implement procedure to notify developers about DEEP construction stormwater permit (Ongoing)	Complete			Planning and Zoning, Ryan Brais	7-1-17	It is standard practice to distribute the fact sheet to developers

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

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

### 5.1 BMP Summary

BMP	Status (Complete, In Progress, or Not started)	Activities in current reporting period	Measurable Goal	Department / Person Responsible	Date completed or projected completion date (include the start date for anything that is 'in progress')	Additional details
5-1 Establish and/or update legal authority and guidelines regarding LID and runoff reduction in site development planning (Due 7/1/22)	In progress	IDDE Ordinance and stormwater regulation to incorporate LID practices	Adoption of Ordinance and new zoning regulations	Board of Selectmen/Town Meeting/Planning and Zoning, Mary Ann Chinatti	6-11-18 – anticipate completion 2024	Ordinance adopted/effective 11-1-19; new zoning regulations in progress
5-2 Enforce LID/runoff reduction requirements for development and redevelopment projects (Due 7/1/22)	Not started			PZC/Planning and Zoning, Mary Ann Chinatti, Ryan Brais	Due by 7-1-22	Anticipate completion 2024

5-3 Identify retention and detention ponds in priority areas (Due 7/1/20)	<i>Not Started</i>			<i>PZC/Planning and Zoning, Mary Ann Chinatti, Ryan Brais</i>	<i>Due by 7-1-22</i>	<i>Anticipate completion prior to/NLT 7-1-23</i>
5-4 Implement long-term maintenance plan for stormwater basins and treatment structures (Ongoing)	<i>Ongoing</i>	<i>Town now requires annual reporting to PZC for maintenance on private stormwater systems approved through the Town.</i>		<i>Town Engineer</i>		<i>Ongoing</i>
5-5 DCIA mapping (Due 7/1/20)	<i>In progress.</i>			<i>Town Engineer</i>	<i>Anticipated completion by 10-1-23</i>	<i>Mapping completed/not yet digitized</i>
5-6 Address post-construction issues in areas with pollutants of concern	<i>Ongoing</i>			<i>Planning &amp; Zoning, Mary Ann Chinatti, Ryan Brais</i>		<i>This is standard practice and will continue going forward</i>

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

N/A

### 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)	acres
DCIA disconnected (redevelopment plus retrofits)	acres this year / acres total
Retrofit projects completed	#
DCIA disconnected	% this year / % total since 2012
Estimated cost of retrofits	\$
Detention or retention ponds identified	# this year /# total

### 5.4 Briefly describe the method to be used to determine baseline DCIA. NOT STARTED

DCIA to be determined in the field based on drainage mapping.

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

### 6.1 BMP Summary

BMP	Status (Complete, In Progress, or Not started)	Activities in current reporting period	Measurable Goal	Department / Person Responsible	Date completed or projected completion date (include the start date for anything that is 'in progress')	Additional details
6-1 Develop/implement formal employee training program (Ongoing)	Not started		Implement training program	Board of Selectmen/Highway Dept./Town Engineer		Anticipate implementation by 10/1/23
6-2 Implement MS4 property and operations maintenance (Ongoing)	<i>Not started</i>			<i>Highway Dept., Ron Berube</i>		<i>Anticipate implementation by 10/1/23</i>
6-3 Implement coordination with interconnected MS4s	<i>Not started</i>			<i>Highway Dept./Sewer Dept.</i>		
6-4 Develop/implement program to control other sources of pollutants to the MS4	<i>Not started</i>			<i>Planning and Zoning Commission</i>		
6-5 Evaluate additional measures for discharges to impaired waters*	<i>Not started</i>			<i>Planning &amp; Zoning Commission</i>		
6-6 Track projects that disconnect DCIA (Ongoing)	<i>Ongoing</i>			<i>Planning &amp; Zoning Dept., Mary Ann Chinatti, Ryan Brais</i>		<i>Standard departmental practice</i>

6-7 Implement infrastructure repair/rehab program (Due 7/1/21)	<i>Not started</i>			<i>Highway Dept., Ron Berube</i>		
6-8 Develop/implement plan to identify/prioritize retrofit projects (Due 7/1/20)	<i>Started Fall '21, ongoing</i>	<i>Worked with UCONN Stormwater Corps to identify priority municipally owned sites for runoff reduction retrofit</i>	<i>Reduce stormwater runoff</i>	<i>Highway Dept., Ron Berube</i>	<i>Recommendations provided 12/21; implementation as funds available</i>	
6-9 Implement retrofit projects to disconnect 2% of DCIA (Due 7/1/22)	<i>Not started</i>			<i>Highway Dept., Ron Berube</i>		
6-10 Develop/implement street sweeping program (Ongoing)	<i>Ongoing</i>			<i>Highway Dept., Ron Berube</i>		<i>Highway Dept. follows annual street sweeping schedule</i>
6-11 Develop/implement catch basin cleaning program (Ongoing)	<i>Ongoing</i>			<i>Highway Dept., Ron Berube</i>		<i>Highway Dept. follows annual catch basin cleaning program</i>
6-12 Develop/implement snow management practices (Due 7/1/18)	<i>Ongoing</i>			<i>Highway Dept., Ron Berube</i>		<i>Highway Dept. routinely follows appropriate snow management practices</i>

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

N/A



### 6.3 Pollution Prevention/ Good Housekeeping reporting metrics

Metrics	
Employee training provided for key staff	N
Street sweeping	
Curb miles swept	220 miles
Volume (or mass) of material collected	2,200 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)	Priority areas not yet designated
Total catch basins town- (or institution-) wide	+/- 1250*
Catch basins inspected	850*
Catch basins cleaned	850*
Volume (or mass) of material removed from all catch basins	1750 tons*
Volume removed from catch basins to impaired waters (if known)	Currently unknown
Snow management	
Type(s) of deicing material used	Salt/sand
Total amount of each deicing material applied	500T salt/4,500T sand*
Type(s) of deicing equipment used	Plows and trucks
Lane-miles treated (A lane-mile is a mile of roadway in a single driving lane)	110
Snow disposal location	N/A
Staff training provided on application methods & equipment	None
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)	
Cost of mitigation actions/retrofits	N/A

\*=ESTIMATES BASED ON LAST YEAR'S NUMBERS

#### 6.4 Catch basin cleaning program

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

There is no schedule for inspection. The Town's Highway crew tries to clean as many basins as possible per year and inspect as they go, and those not addressed will be done the following year.

#### 6.5 Retrofit program

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

In the fall of 2021, the UCONN Stormwater Corps completed a study of Town-owned properties that could be viable for retrofit to eliminate DCIA. The Town is currently evaluating these potential projects for sustainability and DCIA percentage. Sites selected for retrofit will be worked on an as-funding-is-available 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 Town is currently evaluating potential retrofit projects for sustainability and DCIA percentage based on a 2021 study. If any of these projects are chosen to move forward, the Town will coordinate funding and construction. Additionally, the Planning Department continues to require LID and disconnection stormwater measures where feasible for private development projects. As these projects are constructed, the Town tracks the DCIA removed.

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	X	Bacteria	X	Mercury		Other	Pollutant	of
Concern	X							

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.

This task has not yet begun; anticipate start date of 10/1/23.

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

2.1 Screening data - Task not yet begun; anticipate start date of 10/1/23.

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 / Longitude	Sample date	Parameter (Nitrogen, Phosphorus, Bacteria, or Other pollutant of concern)	Results	Name of Laboratory (if used)	Follow-up required? *

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"> <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) – *Task not yet begun, anticipate start date 10/1/23.*

Provide the following information for outfalls exceeding the pollutant threshold.

Outfall ID	Status of drainage area investigation	Control measure to address impairment

### 4. Prioritized outfall monitoring (Section 6(i)(1)(D) / page 43) – *Task not yet begun, anticipate start date 10/1/23.*

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)



### Part III: Additional IDDE Program Data

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

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

1. Catchment ID (DEEP Basin ID)	2. Category	3. Rank

#### 2. Outfall and Interconnection Screening and Sampling data (Appendix B (A)(7)(d) / page 7)

##### 2.1 Dry weather screening and sampling data from outfalls and interconnections

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

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

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
			-	-	-	-	-	-	-	-	

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## 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. **NO DATA AVAILABLE.**

Outfall / Interconnection ID	Latitude / Longitude	Sample date	Ammonia	Chlorine	Conductivity	Salinity	E. coli or Enterococcus	Surfactants	Water Temp	Pollutant of concern

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

For details on this requirement, visit [www.nemo.uconn.edu/ms4/tasks/monitoring.htm](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

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 No sampling done to date.

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

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

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



This sampling is the follow-up investigations for the wet weather priority catchment investigation. Provide follow-up sample data for outfalls and key junction manholes of any catchment area with at least one System Vulnerability Factor. Follow-up investigations must take place within one year and again within five years. **You may also attach an excel spreadsheet with the same data rather than copying it to this table.** If you do attach a spreadsheet, please write “See Attachment” below. *No sampling done todate.*

Outfall ID	Latitude / Longitude	Sample date	Ammonia	Chlorine	Surfactants



#### 3.4 Data for each illicit discharge source confirmed through the catchment investigation procedure

Discharge location	Source location	Discharge description	Method of discovery	Date of discovery	Date of elimination	Mitigation or enforcement action	Estimated volume of flow removed



#### Part IV: Certification

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

Chief Elected Official or Principal Executive Officer	Document Prepared by
Print name: KEVIN M. CUNNINGHAM, FIRST SELECTMAN	Print name: MARY ANN CHINATTI, TOWN PLANNER
Signature / Date:  2-2-23	Signature / Date:  2-2-23
Email: <a href="mailto:KCUNNINGHAMSELECTMAN@PLAINFIELDCT.ORG">KCUNNINGHAMSELECTMAN@PLAINFIELDCT.ORG</a>	Email: <a href="mailto:MCHINATTI@PLAINFIELDCT.ORG">MCHINATTI@PLAINFIELDCT.ORG</a>