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## 2024 ANNUAL REPORT

### General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems(MS4) (January 1, 2024 – December 31, 2024)

#### **CITY OF WATERBURY**

235 Grand Street  
Waterbury, CT

**Existing MS4 Permittee, Permit Number: GSM000094**

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## PART I: SUMMARY OF MINIMUM CONTROL MEASURE ACTIVITIES

This report documents the City of Waterbury's efforts to comply with the conditions of the MS4 General Permit to the maximum extent practicable (MEP) from January 1, 2024, to December 31, 2024.

### 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	Date Completed/ Projected	Additional details
1-1 Implement public education and outreach	EPA Stormwater education materials are located on City website. Stormwater information is provided on social media.	US EPA	City website, Facebook, and Twitter	General Public	Provide Education May include: workshops, literature distribution and/or signage posting	Public Works or Dept. of Education/ City Engineer/ Mayor's office	July 1, 2018, On-going	The City continued these efforts throughout the year and will continue with current education efforts in 2024.
	Women of Water Program at Girls, Inc., August 2018	N/A	N/A	Students (approx. 80)				
	Naugatuck River Brigade was formed with 13 high school students in 2020 (seasonal). Removed litter and debris from the Naugatuck River. The River Brigade in cooperation with PAL continued Naugatuck River Clean-up through June, July and August of 2023	N/A	N/A	Broad Audience, Students				

BMP	Activities in Current Reporting Period	Sources Used (if applicable)	Method of Distribution	Audience (and number of people reached)	Measurable Goal	Department/ Person Responsible	Date Completed/ Projected	Additional details
1-2 Address education/ outreach for pollutants of concern*	The City continues to distribute info on common sources of phosphorus, nitrogen and bacteria pollution and how to prevent/ reduce the amount reaching the MS4.	N/A	Varies	City-wide (residents)	Distribute literature, post signage	Public Works or Dept. of Education/ City Engineer	Jul 1, 2018, On-going	Topics to address bacteria may include: septic systems, sanitary cross connections, pet waste, and waterfowl. Continuing with current efforts.
	Pet Waste Stations and signs were previously posted at many City parks.	N/A	Signage	General Public				On-going throughout the year. Pet waste signs are maintained and replaced as needed.
1-3 Make GIS information available	The City's storm system mapping can be found on the City's Live GIS mapping site.	N/A	City GIS Map: <a href="http://gis.waterburyct.org/GIS/GIS_MappingSite.es.asp">http://gis.waterburyct.org/GIS/GIS_MappingSite.es.asp</a>	General Public	Provide public access to GIS map	PW and IT/ City Engineer	On-going	
1-4 Storm Drain inlets labelled	The City has a catch basin standard frame that states "Dump No Waste. Drains to Waterways." Contractors are required to use this frame within the City Right Of Way. Engineering has inserted language in the technical specifications for all projects that catch basins must include the phrase – "No Dumping – Drains to Waterways" or similar approved language cast into frame and cover or have a sticker permanently adhered to the top.	N/A	N/A	General Public	Label storm drain inlets with catch basin standard frame	PW/ City Engineer	On-going	The City will continue with current efforts

## 1.2 Describe Any Public Education and Outreach Activities Planned for the Next Year, If Applicable

- Continue to update the City's Stormwater webpage with new/ updated stormwater related information.
- Continue to support events for World Water Day, Earth Day, and World Oceans Day.
- Continue efforts to label storm drain inlets, as necessary.

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

### 2.1 BMP Summary

BMP	Status	Activities in Current Reporting Period	Measurable Goal	Department/ Person Responsible	Date Completed/ Projected	Location Posted	Additional Details
2-1 Continue availability of Final Stormwater Management Plan to the public	Complete	Updated Stormwater Management Plan continues to be available on the City's website.	Post plan on City's Website	Public Works/ City Engineer	April 3, 2017, On-going	<a href="http://www.waterburyct.org/services/public-works/engineering">www.waterburyct.org/services/public-works/engineering</a>	
2-2 Comply with public notice requirements for Annual Reports (annually by 2/15)	On-going	2022 Annual Report Notice of Availability posted on City website 3/3/23. DRAFT 2022 Report posted on City's website on 3/29/23-5/31/23.	Publish public notice and post report on City's website	Public Works/ City Civil Engineer	2022 Notice: 3/3/23 2022 Report: 3/29/23-5/31/23	<a href="http://www.waterburyct.org/services/public-works/engineering">www.waterburyct.org/services/public-works/engineering</a> <a href="https://www.waterburyct.org/filestorage/103431/107835/107902/Waterbury_Draft_2022_Annual_MS4_Report_Permit_No_GSM000094.pdf">https://www.waterburyct.org/filestorage/103431/107835/107902/Waterbury_Draft_2022_Annual_MS4_Report_Permit_No_GSM000094.pdf</a>	2023: Notice posted 2/7/24, Draft report posted 2/15/24-3/28/24
2-3 Annual "Clean-up" Days along waterbodies	On-going	An Earth Day event was attended on 4/22/23 where a total of 36,500 lbs. of materials were collected.	Organize clean-up events	Public Works/ Local Volunteers & Citizens	On-going		Earth Day and individual neighborhood clean-ups will be performed with DPW support.

BMP	Status	Activities in Current Reporting Period	Measurable Goal	Department/ Person Responsible	Date Completed/ Projected	Location Posted	Additional Details
2-4 HHW Collection Days	On-going	In 2023, City of Waterbury participated in three Household Hazardous Waste Collections sponsored by the Naugatuck Valley Council of Governments	N/A	Public Works/ City Engineer	4/22/23 7/22/23 9/23/23		

## 2.2 Describe Any Public Involvement/ Participation Activities Planned for the Next Year, If Applicable

- Continue to provide notice of updated SMPs and draft Annual Reports.
- Continue to support events for World Water Day, Earth Day, and World Oceans Day. Naugatuck River Brigade will continue to participate in Naugatuck River clean-up day efforts.
- Continue to engage Community Groups.

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

#### 3.1 BMP Summary

BMP	Status	Activities in Current Reporting Period	Measurable Goal	Department/ Person Responsible	Date Completed/ Projected	Additional Details
3-1 Develop written IDDE program (Due 7/1/19)	Complete	Plan revised, February 13, 2019.	Develop written plan and implement an IDDE Program	Public Works/ City Engineer	June 29, 2018, Revised February 13, 2019	Final IDDE Plan is available on City's website: <a href="http://www.waterburyct.org/services/public-works/engineering">www.waterburyct.org/services/public-works/engineering</a>
3-2 Develop list and maps of all MS4 stormwater outfalls in priority areas (Due 7/1/20)	Substantially Complete	It is estimated that greater than 90% of outfalls are in the inventory and mapped.	Finalize mapping of all MS4 Outfalls	Public Works/ City Engineer	December 31, 2024, Revisions will be on-going.	The City procured the services of a consultant and they are in the process of confirming outfall locations in the field. Revisions currently being made.

BMP	Status	Activities in Current Reporting Period	Measurable Goal	Department/ Person Responsible	Date Completed/ Projected	Additional Details
3-3 Implement citizen reporting program (On-going)	Complete	The Citizens Service Center website was created, which allows the public to search for info and submit service requests.	Develop an online method for citizens to report spills and illicit dischargers	Public Works/ Mayor's Office/ IT	July 1, 2017	Program was established prior to the new MS4 Permit. Citizen's Service Center webpage: <a href="http://www.waterburyct.org/311/">http://www.waterburyct.org/311/</a> Smartphone Application: iReportWTBY
3-4 Establish legal authority to prohibit illicit discharges (Due 7/1/19)	Complete	The Ordinance and legal notice can be found in the IDDE Plan on the City's website. In 2022, B&L, the City's consultant, reviewed the City's stormwater ordinance in compliance with the permit and are in the process of generating recommendations.	Establish an illicit discharge ordinance	Public Works/ Corporate Counsel	August 20, 2018	
3-5 Develop record keeping system for IDDE tracking (Due 7/1/17)	Complete	The City currently uses excel and access spreadsheets, along with GIS, for IDDE tracking.	Prepare IDDE tracking spreadsheet	Public Works/ City Engineer	January 2018 On-going	
3-6 Address IDDE in areas with pollutants of concern	In Progress	IDDE will be addressed City-wide.	Execute IDDE Program	Public Works/ City Engineer	On-going	This BMP will be conducted in conjunction with IDDE Screening, Sampling and Investigation.
3-7 Use of EpiCollect5 Mobile Phone Application for data collection in the field	On-going	City consultants used the EpiCollect5 while conducting Dry Weather Screening/ Sampling.	Collect/ combine all outfall information into one database	Public Works/ City Engineer	On-going	

### 3.2 Describe Any IDDE Activities Planned for the Next Year, If Applicable

- Continue updating the MS4 outfall and system mapping.
- Update the written IDDE program as needed.
- Continue to implement citizen reporting program.
- Continue maintaining master IDDE tracking system.
- Complete reviewing the City's stormwater ordinance in compliance with the permit.
- Investigate illicit discharges in areas with pollutants of concern.

### 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 (gallons)	Known or Suspected Cause/ Responsible Party	Corrective Measures Planned and Completed (include dates)	Sampling Data (if applicable)
<i>There were no citizen reports of suspected illicit discharges in 2024.</i>						
831 Woodtick Road	8/20/2017: 10:15 am – 10:50 am	N/A	51-500	Sewer Line Blockage	This area added to the LTMP; Cleaned 1000' of the sanitary line	
5 Ward Street	10/31/2017: 7:48 pm – 9:15 pm	N/A	51-500	Blockage**	Added to LTMP; Removed grease blockage	
89 Clowes Terrace	1/12/2018: 4:15 pm – 5:28 pm	N/A	1-50	Blockage**	Added to LTMP; Removed grease blockage	
Cornelius Avenue	4/8/2018: 3:20 pm - 5:00 pm	N/A	1-50	Blockage	Added to LTMP; Removed roots and debris	
3396 East Main Street*	6/4/2018: 5:20 pm – 5:23 pm	N/A	Unknown	Unknown	N/A	

Location (Lat long/ street crossing/ address and receiving water)	Date and Duration of Occurrence	Discharge to MS4 or Surface Water	Estimated Volume Discharged (gallons)	Known or Suspected Cause/ Responsible Party	Corrective Measures Planned and Completed (include dates)	Sampling Data (if applicable)
151 Sharon Road	6/8/2018: 1:00 pm – 1:45 pm	Mad River	501-1,000	Blockage	Added to LTMP; Removed grease and sand blockage	
611 Bunker Hill Avenue	6/19/2018: 9:29 am – 11:01 am	Trumpet Brook	5,001–20,000	Blockage in misaligned sanitary sewer line due to soil erosion in brook	Contractor replaced misaligned sewer lines and encased sewer lines in concrete; Raked & picked-up debris, lime waste material	
15 Pritchard Road	7/3/2018: 1:00 pm – 3:00 pm	N/A	1-50	Blockage	Added to LTMP	
509 Willow Street	8/2/2018: 5:15 pm – 7:00 pm	N/A	51-500	Blockage**	Added to LTMP	
Lorraine St ROW	11/26/2018: 11:30 am – 1:30 pm	N/A	501–1,000	Raw Sewage	Added to LTMP; Cleaned 400 feet of sanitary sewer line	
133 Maybrook Road	12/21/2018: 10:15 am – 12:45 pm	Welton Brook	2,500	Heavy Rain 1"- 2" per hour	Review pump station capacity; Maintained with Vacuum tank truck	
52 Terrell Road	12/21/2018: 11:40 am – 1:42 pm	N/A	300–400	Heavy Rain 1"- 2" per hour	Review pump station capacity; Maintained with Vacuum tank truck	
Colonial Avenue	12/24/2018: 11:00 am – 12:30 pm	N/A	250	Pump Station force main failure	Monitor pump station operations on SCADA; Maintained with Vacuum tank truck	
190 Horseshoe Drive	1/2/2019: 8:00 pm – 9:30 pm	N/A	10-20	Blockage/ debris**	Removed debris; jetted & cleaned sanitary main line; added to LTMP	
133 Maybrook Road	1/24/2019: 12:50 pm – 1:15 pm	Welton Brook	50	Hydraulic***	Review pump station capacity; Maintained with Vacuum tank truck	
133 Maybrook Road	1/24/2019: 12:30 pm – 8:00 pm	N/A	1,000-5,000; change in conveyance	Hydraulic***	Review pump station capacity; Maintained with Vacuum tank truck; change of conveyance	
52 Terrell Road	1/24/2019: 2:30 am – 4:00 pm	N/A	1,000-5,000; change in conveyance	Hydraulic***	Review pump station capacity; Maintained with Vacuum tank truck; change of conveyance	

Location (Lat long/ street crossing/ address and receiving water)	Date and Duration of Occurrence	Discharge to MS4 or Surface Water	Estimated Volume Discharged (gallons)	Known or Suspected Cause/ Responsible Party	Corrective Measures Planned and Completed (include dates)	Sampling Data (if applicable)
62 Harpers Avenue	2/27/2019: 2:35 pm – 3:50 pm	N/A	1,000-5,000	Blockage/ Debris/ rags+	Jetted & cleaned sanitary sewer line to remove blockage; spread lime; increase number of times to clean per year	
29 Temple Street	3/24/2019: 7:25 pm – 9:30 pm	N/A	350-400	Blockage/ roots**	Jetted line & cut roots; added to LTMP	
341 Willow Street	4/30/2019: 4:00 pm – 4:25 pm	N/A	1-50	Blockage/ broken sewer	Vacuumed curb box and cleaned sidewalk area; notified Health Dept.; added to LTMP	
62 Harpers Avenue	6/11/2019: 3:05 pm – 4:55 pm	N/A	1,000-5,000	Blockage/ Debris/ rags+	Jetted & cleaned sanitary sewer line to remove blockage; spread lime; added to LTMP	
135 Industry Lane	6/24/2019: 12:00 pm – 1:30 pm	N/A	1,000	Blockage/ Debris/ rags**	Jetted private line to release blockage; notified Health Dept.	
62 Harpers Avenue	8/29/2019: 1:00 pm – 3:23 pm	N/A	400-500	Blockage/ Debris/ rags+	Jetted & cleaned sanitary sewer line to remove blockage; spread lime; on LTMP and inspect monthly	
3429 East Main Street	11/18/2019: 7:30 am – 10:30 pm	N/A	5,000-20,000	Blockage/ unable to Identify#	Jacobs assisted Education Dept. w/jetter to cellar blockage; instructed Educ. Dept. to hire contractor to clean area & maintain sewer line; Department of Education personnel to periodically inspect and maintain sanitary sewer.	
38 Birch Street	12/19/2019: 10:10 pm – 11:25 pm	N/A	51-500	Sewer backup/ unable to identify##	Jetted sewer line to release blockage, no apparent debris in line during flushing; Homeowner to clean basement; CCTV sewer line and ensure there are no other issues	
111 Stafford Street	1/18/2020: 12:15 pm – 1:30 pm	Yes; to the street	51-500	Sewer main blockage/ unable to identify###	Cleared blockage of rags and debris with Jetter-vac truck; Cleaned up water on street with vacuum truck; Added to Long Term Maintenance Plan (LTMP)	
255 Harwood Road	3/31/2020: 9:00 am – 9:30 am	Yes; East Mountain Brook	20,001-50,000	Pipping Rock Pump Station Electrical Equipment Failure	Repaired high level float and pump controller for proper operation; Utilized Vacuum trucks to collect any free-standing water; Continue routine maintenance and weekly inspection, replaced one of the pumps	

Location (Lat long/ street crossing/ address and receiving water)	Date and Duration of Occurrence	Discharge to MS4 or Surface Water	Estimated Volume Discharged (gallons)	Known or Suspected Cause/ Responsible Party	Corrective Measures Planned and Completed (include dates)	Sampling Data (if applicable)
389 Berkley Avenue	4/16/2020: 10:35 pm – 10:35 pm	N/A	50-100	Blockage/ Debris/ rags##	Jetted and cleaned sanitary sewer main line; Remove rags and debris blockage; CCTV sewer line and ensure there are no other issues	
139 Gail Drive	5/15/2020: 11:20 pm – 12:45 pm	N/A	1-50	Blockage/ Roots###	Jetted and cut roots form sanitary sewer main line; Removed roots blockage; Added to LTMP	
613 Willow Street	6/18/2020: 11:35 am – 12:25 pm	N/A	1-50	Blockage/ Roots###	Jetted and cut roots form sanitary sewer main line; Removed roots blockage; Added to LTMP	
132 Taft Point Road	7/14/2020: 11:30 am – 12:15 pm	Yes; to the street	50	Taft Pointe Pump Station Forcemain	Shut off pumps and maintained flow with vac trucks, retained contractor to repair the forcemain on 7/14/20; Vacuum Truck; Repaired forcemain	
605 Baldwin Street	8/19/2020 1:00 pm – 8/24/2020 8:00 am	Yes; Mad River	Undetermined	Sewer Lateral connected to Stormwater	Traced sewer discharge to 605 Baldwin Street, Francis Xavier Plaza apartments by utilizing dye testing and CCTV; Waterbury Health Department issued a NOV; Lateral excavated and connected to sanitary sewer main	
815 East Main Street	8/27/2020: 8:00 am – 12:00 pm	N/A	501-1,000	Blockage caused by illicit floor drain####	Jetting of line to release blockage; Vacuum Truck; Repaired Sewer Main	
20 Dorian Terrace	11/30/2020: 2:45 pm – 4:20 pm	N/A	20	Blockage/ Grease^	Jetted sewer line to release blockage; CCTV to determine cause and add to LTMP	
495 Union Street	12/4/2020: 9:00 am – 10:00 am	Yes; Mad River	51-500	Blockage/ Sticks and debris	Jetted sewer line to release blockage; The crew cleaned the parking lot and the storm catch basin; add to LTMP	
465 Reidville Drive	1/1/2021: 10:50 AM -12:30 PM	Yes; Mad River	1,000	Blockage; Broken Manhole cover and rags	Replaced MH Cover	
88 Lakeview Drive	1/14/2021: 1:45 PM - 2:50 PM	Yes; Mad River	4,400	Blockage; Grease	The line will be added LTMP so it can be monitored.	
250 Northridge Drive	2/18/2021: 7:55 AM - 8:05 AM	N/A	476	Broken force main	Collections crew will continue to monitor the pump station and force main	

Location (Lat long/ street crossing/ address and receiving water)	Date and Duration of Occurrence	Discharge to MS4 or Surface Water	Estimated Volume Discharged (gallons)	Known or Suspected Cause/ Responsible Party	Corrective Measures Planned and Completed (include dates)	Sampling Data (if applicable)
23 Commercial Street	2/25/2021: 11:40 AM - 1:00 PM	N/A	3,500	Blockage; Grease and debris	CCTV will be done to determine cause and add to LTMP	
62 Laval Street	4/4/2021: 9:43 AM - 12:00 AM	N/A	100	Blockage; Grease	Add to LTMP. Sent Homeowner NOV and directed to disconnect sump and floor drain	
38 Hobart Street	5/24/2021: 9:52 AM - 11:15 AM	N/A	100	Blockage; Debris	Add to LTMP	
52 Terrel Road	9/2/2021: 12:46 AM - 1:15 AM	N/A	750	Excessive flows - Tropical Storm Ida	Review pump station capacity	
300 Schraffs Drive	10/1/2021 12:00 AM – 10/2/21 9:30 AM	N/A	Undetermined	Blockage; Roots	Refer bypass to Health Department Per ERP, American Rooter released the blockage on 10/2/21	
460 Farmington Avenue	10/12/2021 12:00 AM – 10/17/21 2:35 PM	N/A	Undetermined	Potential Lateral Blockage; Unknown	Refer bypass to Health Department per ERP, DPH Inspector conducted re- inspection on 12/2/21 and confirmed that the sewage bypass was resolved.	
439 Peidmont Street	10/26/2021 12:30 PM – 10/27/21 12:30 PM	N/A	100	Blockage; Unknown	Refer bypass to Health Department Per ERP, DPH forwarded case to the State Housing Court for enforcement. Currently, Prospect Sanitation periodically monitors the sewage level at the pump chamber to ensure the sewage is not over flowing.	
52 Clairmont Avenue	11/2/2021 3:52 PM – 11/3/21 9:10 AM	N/A	50	Blockage; Unknown	Refer bypass to Health Department Per ERP, Clear Klogs Sewer & Drain Cleaning to clear the blockage on 11/2/21. The DH Inspector conducted re-inspection on 12/3/21 and confirmed that the sewage bypass was resolved.	
60 Decicco Road	11/14/2021 12:00 AM – 11/14/21 2:55 PM	N/A	50	Blockage; Roots and Rags	Line was jetted and blockage was cleared	

Location (Lat long/ street crossing/ address and receiving water)	Date and Duration of Occurrence	Discharge to MS4 or Surface Water	Estimated Volume Discharged (gallons)	Known or Suspected Cause/ Responsible Party	Corrective Measures Planned and Completed (include dates)	Sampling Data (if applicable)
1746 East Main Street	12/2/2021 12:00 AM – 12/7/21 2:00 PM	N/A	50	Potential Lateral Blockage; Unknown	Refer bypass to Health Department per ERP, jetter truck was called to clean the line as a precaution. DPH Inspector conducted re- inspection on 12/7/21 around 2:00 pm and confirmed that the sewage bypass was resolved	
57 River Street	12/3/2021 12:00 AM – 12/6/21 10:00 AM	N/A	30	Blockage; Unknown	Refer bypass to Health Department Per ERP, DPH Inspector conducted re-inspection on 12/6/21 and confirmed that the sewage bypass was resolved.	
23 Bergin Circle+++	1/4/2022 10:45 AM – 1/10/2022 10:45 AM	N/A	50	Potential Lateral Blockage; Unknown	Referred to Health Department, the landlord hired a company to clear the blockage on 1/5/22; DPH Inspector conducted re- inspection on 1/10/22 and confirmed that the sewage bypass was resolved.	
52 Terrel Road	1/8/2022: 5:15 PM - 6:30 PM	N/A	50	Blockage; Unknown	Pumps were cycled and electronics and floats were inspected. Debris were picked-up and lime placed over spilled area. Floats were cleaned and the station was monitored for several cycles.	
215 Stoddard Road++	1/9/2022: 6:30 PM - 11:59 PM	N/A	160	Blockage; Roots & grease	Crew found the manholes running surcharged, approximately 400 feet of the collections system (ROW behind property) were jetted and blockage was cleared. CCTV performed on 1/12/22 to investigate	
49 Casidy Avenue+++	1/12/2022: 1:30 PM - 4:00 PM	N/A	50	Unknown	Referred to Health Department, the Health Department Inspector contacted landlord regarding the sewage bypass on 1/12/22. Landlord hired a company to clear the blockage on 1/12/22 around 2:00 pm. DPH Inspector conducted re-inspection on 1/12/22 around 4:00 pm and confirmed that the sewage bypass was resolved.	

Location (Lat long/ street crossing/ address and receiving water)	Date and Duration of Occurrence	Discharge to MS4 or Surface Water	Estimated Volume Discharged (gallons)	Known or Suspected Cause/ Responsible Party	Corrective Measures Planned and Completed (include dates)	Sampling Data (if applicable)
238 Bunker Hill+++	1/13/2022: 9:45 AM - 10:30 AM	N/A	50	Unknown	Referred to Health Department, the Health Department Inspector contacted landlord regarding the sewage bypass on 1/12/22. DPH inspector conducted re-inspection on 1/12/22 around 4:00 pm and confirmed that the sewage bypass was resolved.	
526 Meriden Road+++	2/8/22, 10:15 AM – 2/9/22, 10:00 AM	Mad River	50	Blockage; grease & rags	Referred to Health Department, the Health Department Inspector contacted CVS manager at 526 Meriden Road. CVS hired Prospect Sanitation to clear the blockage on 2/8/22. DPH Inspector conducted re-inspection on 2/9/22 at 10 am and confirmed that the sewage bypass was resolved.	
26 Wildwood Avenue+++	2/8/22, 1:45 AM – 2/9/22, 11:00 AM	N/A	5	Unknown	Referred to Health Department, the Health Department Inspector contacted landlord regarding the sewage bypass and landlord hired a contractor to clear the blockage. DPH Inspector conducted re-inspection on 2/9/22 at 11:00 am and confirmed that the sewage bypass was resolved.	
10-12 Marley Lane+++	2/11/22, 11:00 AM – 2/14/2022, 3:30 PM	N/A	150	Blockage	Referred to Health Department, the Health Department Inspector contacted landlord regarding the sewage bypass and landlord hired a contractor to clear the blockage on 2/12/22. DPH Inspector conducted re-inspection on 2/14/22 around 3:30 pm and confirmed that the sewage bypass was resolved.	
242 Rawley Ave+++	2/13/22, 2:15 PM – 2/15/22, 11:15 AM	N/A	100	Blockage; Unknown	Referred to Health Department, DPH contacted the landlord and had him perform the necessary repairs to clear the blockage. DPH Inspector conducted re-inspection on 2/15/22 around 11:45 am and confirmed that the sewage bypass was resolved.	

Location (Lat long/ street crossing/ address and receiving water)	Date and Duration of Occurrence	Discharge to MS4 or Surface Water	Estimated Volume Discharged (gallons)	Known or Suspected Cause/ Responsible Party	Corrective Measures Planned and Completed (include dates)	Sampling Data (if applicable)
Rawley Road (MH 08-19)	2/20/2022: 10:30AM - 11:00AM	Mad River	400	Blockage; rags	City's sewer lines and manholes were inspected and jetted. Blockage was cleared. Picked up debris and washed down area. City's sewer lines and manholes were inspected and jetted. Blockage was cleared. City's lines were added to the long-term maintenance plan (LTMP).	
16 Pine Street+++	3/1/22, 9:45 AM – 3/4/22, 8:00 AM	N/A	50	Unknown	Referred to Health Department, DPH did not receive response from landlord and contacted Prospect Sanitation on 3/3/22 to clear blockage. DPH Inspector conducted re-inspection confirmed that the blockage was cleared on 3/4/22.	
47 Woodruff Street+++	3/8/22, 8:45 AM – 3/11/22, 11:45 AM	N/A	50	Unknown	Referred to Health Department, DPH contacted landlord on 3/8/22 to clear blockage and Notice of Violation was issued. DPH conducted Re-inspection on 3/11/22 and the sewage outbreak was cleared.	
57 River Street+++	3/14/22, 1:45 PM – 3/18/22, 10:30 AM	N/A	50	Unknown	Referred to Health Department, DPH contacted landlord on 3/14/22 to clear the blockage. DPH conducted Re-inspection on 3/22/22 and the sewage outbreak was cleared.	
42 Gayridge Road+++	3/23/22, 10:45 AM – 3/24/22, 10:30 AM	N/A	200	Unknown	Referred to Health Department, DPH contacted landlord on 3/23/22 to clear the blockage. DPH conducted Re-inspection on 3/24/22 and the sewage outbreak was cleared.	
208 Boyden Street+++	4/28/22, 10:15 AM – 4/29/22, 9:30 AM	N/A	100	Blockage; Unknown	Referred to Health Department, DPH contacted landlord on 4/28/22 to clear the blockage and NOV was issued. DPH conducted Re-inspection on 3/29/22 and the sewage outbreak was cleared.	
975 Meriden Road	4/29/22, 11:30 PM – 4/30/22, 12:30 AM	N/A	225	Blockage; Rags	Jetter truck was dispatched to jet the line to release the blockage. Cleared area with power washer from jetter truck. CCTV performed on 5/2/22 to investigate and add LTMP	

Location (Lat long/ street crossing/ address and receiving water)	Date and Duration of Occurrence	Discharge to MS4 or Surface Water	Estimated Volume Discharged (gallons)	Known or Suspected Cause/ Responsible Party	Corrective Measures Planned and Completed (include dates)	Sampling Data (if applicable)
40 Vermont Street+++	5/4/22, 10:30 AM – 5/5/22, 3:00 PM	N/A	100	Blockage; Unknown	Referred to Health Department, DPH contacted landlord to clear the blockage. DPH and homeowner worked together to resolve issue.	
111-113 Draher Street	5/20/22, 10:15 AM – 5/24/22, 2:45 PM	N/A	20	Unknown	Referred to Health Department, DPH contacted landlord on 5/20/22 to clear the blockage and Prospect Sanitation was called to clear blockage. DPH conducted re- inspection on 5/24/22 and the sewage outbreak was cleared.	
9 Easton Avenue	6/10/22, 3:30 PM – 6/10/22, 4:30 PM	N/A	100	Blockage on sewer main; rags	Jetter truck was dispatched to release blockage. Removed debris and washed area and vacuumed water with Vac Truck. CCTV was performed on 6/13/22 and add to LTMP	
60 Englewood Avenue+++	6/21/22, 10:15 AM – 6/25/22, 11:15 AM	N/A	50	Unknown	Referred to Health Department, DPH contacted landlord on 6/21/22 to clear the blockage and plumber was hired to clear blockage. DPH indicated that Prospect Sanitation clear blockage on 6/25/22 and conducted re-inspection on 6/27/22 and the sewage outbreak was cleared.	
17 Blake Street++	6/29/22, 11:00 AM – 6/29/22, 11:30 AM	N/A	75	Blockage; roots & rocks	A jetter truck was dispatched to clear blockage. CCTV was performed on 6/30/22 and it is under investigation.	
97 Walnut Street+++	7/7/22, 10:45 AM – 7/12/22, 2:00 PM	N/A	100	Unknown	Referred to Health Department, DPH contacted landlord on 7/7/22 to clear the blockage and notice of violation issued. DPH conducted re-inspection was conducted on 7/12/22 and the sewage outbreak was cleared.	
209 Academy Avenue++	8/4/22, 10:30 AM – 8/4/22, 11:00 AM	N/A	70	Blockage; roots	Jetter truck was dispatched to release blockage. CCTV was performed on 8/4/22 and added to LTMP	

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1764 East Main Street+++	8/7/22, 10:00 PM – 8/9/22, 9:00 AM	N/A	50	Blockage; Unknown	Referred to Health Department, DPH contacted landlord to clear the blockage. The sewage discharged in the grass and side of property was raked and cleaned up. The first floor apartment was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 8/9/22 and the sewage outbreak was cleared	
5 Harriet Avenue+++	8/15/22, 12:50 PM – 8/29/22, 11:00 AM	N/A	50	Blockage; Unknown	Referred to Health Department, DPH contacted landlord to clear the blockage. Debris on the sidewalk was picked-up. DPH conducted re-inspection on 8/29/22 and the sewage outbreak was cleared	
227-229 Whitewood Road++	8/29/22, 3:30 PM – 8/29/22, 4:15 AM	Steele Brook	150 Street/ 50 Basement	Blockage; stick & rags	Jetted sewer line to release blockage. Washed area and vacuumed water with Vac Truck. Changed multi-hole sanitary sewer cover to no-hole cover to eliminate sticks to be entered into the sewer system	
56 Ridgewood Street+++	9/19/22, 2:15 PM – 9/20/22, 9:30 AM	N/A	15	Blockage; Unknown	Referred to Health Department, DPH contacted landlord to clear blockage and NOV was issued. Areas affected by the sewage was sanitized with bleach solution. DPH conducted re-inspection on 9/20/22 and the sewage outbreak was cleared.	
123 Cooke Street+++	10/4/22, 9:15 AM – 10/7/22, 3:00 PM	N/A	30	Blockage; Unknown	Referred to Health Department, DPH contacted landlord to clear blockage. Areas affected by the sewage was sanitized with ZEP product and cleared all paper debris. DPH conducted re-inspection on 10/7/22 and the sewage outbreak was cleared.	
103 Holly Street+++	10/24/22, 12:15 PM – 10/26/22, 10:00 AM	N/A	50	Blockage; Unknown	Referred to Health Department, DPH contacted landlord to clear blockage. Areas affected by the sewage was washed down with clean water. DPH conducted re-inspection on 10/26/22 and the sewage outbreak was cleared.	

Location (Lat long/ street crossing/ address and receiving water)	Date and Duration of Occurrence	Discharge to MS4 or Surface Water	Estimated Volume Discharged (gallons)	Known or Suspected Cause/ Responsible Party	Corrective Measures Planned and Completed (include dates)	Sampling Data (if applicable)
304 Willow Street+++	10/26/22, 4:30 PM – 10/28/22, 3:00 PM	N/A	75	Blockage; Unknown	Referred to Health Department, DPH contacted landlord to clear blockage and NOV was issued. Areas affected by the sewage was sanitized with bleach solution and clean water. All debris were cleared. DPH conducted re- inspection on 10/28/22 and the sewage outbreak was cleared.	
Hamilton Park Road++	11/17/22, 1:56 PM – 11/22/22, 11:37 AM	N/A	2000	Blockage; grease	Jetter truck was dispatched to clear blockage. Washed area and vacuumed water with Vac Truck. CCTV the sewer line to investigate and determine corrective action	
86 Wood Street+++	11/22/22, 10:15 AM – 11/25/22, 12:00 PM	N/A	70	Blockage; Unknown	Referred to Health Department, DPH contacted landlord to clear blockage and the blockage was cleared on 11/25/22. Areas affected by the sewage was sanitized with bleach solution and water. DPH conducted re- inspection on 11/28/22 and the sewage outbreak was cleared.	
275 Bishop Street+++	11/28/22, 11:30 AM – 11/29/22, 3:00 PM	N/A	50	Blockage; Unknown	Referred to Health Department, DPH contacted landlord to clear blockage. Areas affected by the sewage was sanitized with bleach solution and debris were raked. DPH conducted re-inspection on 11/29/22 and the sewage outbreak was cleared.	
12 Marley Place+++	12/19/22, 10:30 AM – 12/22/22, 10:00 AM	N/A	50	Blockage; Unknown	Referred to Health Department, DPH contacted landlord to clear blockage. Areas affected by the sewage was sanitized with bleach solution and water. DPH conducted re- inspection on 12/12/22 and the sewage outbreak was cleared and affected areas was cleaned.	
56 Woodlawn Terrace+++	12/20/22, 2:15 PM – 12/26/22, 10:00 AM	N/A	100	Blockage; Unknown	Referred to Health Department, DPH contacted landlord to clear blockage. Areas affected by the sewage was sanitized with bleach and water. DPH conducted re- inspection on 12/24/22 and the sewage outbreak was cleared.	

Location (Lat long/ street crossing/ address and receiving water)	Date and Duration of Occurrence	Discharge to MS4 or Surface Water	Estimated Volume Discharged (gallons)	Known or Suspected Cause/ Responsible Party	Corrective Measures Planned and Completed (include dates)	Sampling Data (if applicable)
19 Taylor Street+++	12/22/22, 11:45 AM – 12/23/22, 10:99 AM	N/A	75	Blockage; Unknown	Referred to Health Department, DPH contacted landlord to clear blockage. Areas affected by the sewage was sanitized with bleach and water. DPH conducted re- inspection on 12/23/22 and the sewage outbreak was cleared and affected area was cleaned.	
82 Worcester Avenue, Waterbury, CT	1/5/2023, 2:30 PM – 1/5/2023, 2:00 PM	N/A	30	Sewage Line Blockage - Roots	City line was jetted and root cut to remove blockage	N/A
65 Rose Street, Waterbury, CT	1/25/2023, 3:00 PM – 1/26/ 2023, 3:00 PM		DPH reports 25	Sewage Line Blockage - Other	DPH Reports the landlord cleared the blockage and cleaned the area with 10% bleach	N/A
27 Oak Street, Waterbury, CT	2/15/2023, 10:45 AM – 3/22/2023, 3:00 PM	N/A	DPH reports a final quantity of 150	Sewage Line Break, Crack or Failure	A private contractor was hired to dig and repair the broken private lateral.	N/A
73 Tudor Street, Waterbury, CT	3/10/2023, 8:15 AM – 3/12/2023, 3:00 PM		DPH estimated 50	Sewage Line Blockage - Other	DPH reports the landlord cleared the blockage and sanitized the area with 10% bleach.	N/A
85 Lounsbury Avenue, Waterbury, CT	3/29/2023, 1:30 PM – 3/31/2023, 10:30 AM	Did not reach a waterbody	DPH reports 50	Sewage Line Blockage - Rags	Homeowner hired a contractor to clear the blockage and clean the affected area with 10% bleach and water.	N/A
25 Laurel Street, Waterbury, CT	4/3/2023, 2:45 PM - 4/10/2023, 6:30 PM		DPH reports 50	Sewage Line Blockage - Other	Landlord hired a contractor to clear the blockage. The affected area was clean and sanitized.	N/A
553 S Main Street, Waterbury, CT	4/22/2023, 2:45 PM - 4/23/2023, 11:30 AM	Naugatuck river	275	Sewage Line Blockage - Other	Landlord hired a contractor to clear the blockage and clean the area with 10% bleach and water.	N/A
184 Meriden Road, Waterbury, CT	5/10/2023, 11:45 AM - 5/18/2023, 2:30 PM		DPH reports the final quantity to be 50	Private lateral blockage or broken lateral pipe	Incident was referred to DPH. American Rooter said the private lateral was broken by Eversource.	N/A
7 Rye Street, Waterbury, CT	5/31/2023, 11:45 AM - 6/2/2023, 9:30 AM		DHH reports final quantity to be 100	Sewage Line Blockage - Other	Landlord had blockage cleared and cleaned affected area with 10% bleach and water.	N/A

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27 Seminole Avenue, Waterbury, CT	5/31/2023, 10:45 AM - 6/2/2023, 10:30 AM		DPH reports 50	Sewage Line Blockage - Other	Landlord had the blockage removed and cleaned the affected area with 10% bleach and water.	N/A
47 Wyman Street, Waterbury, CT	6/5/2023, 3:30 PM - 6/7/2023, 9:30 AM		DPH estimated 25 as the final quantity.	Sewage Line Blockage - Other	Landlord cleared the blockage and had the affected area cleaned with 10 percent and water.	N/A
915 S Main Street, Waterbury, CT	6/5/2023, 9:30 AM - 6/6/2023, 11:30 AM	Naugatuck river	DPH reports final quantity to be 25	Sewage Line Blockage - Other	The landlord had the blockage cleared and cleaned the affected area with 10% bleach and water.	N/A
385 Sylvan Avenue, Waterbury, CT	6/7/2023, 1:15 PM - 6/27/2023, 11:30 AM		DPH reports 100	Sewage Line Blockage - Other	The DPH inspector got in touch with the landlord and the blockage was cleared on 6/27/2023. The affected area with 10% bleach and water.	N/A
162 Madison Street, Waterbury, CT	6/12/2023, 9:00 AM - 6/14/2023, 2:30 PM	Naugatuck river via catch basin	DPH estimates final quantity to be 50	Sewage Line Blockage - Other	The landlord had the blockage cleared and cleaned the affected area cleaned with 10% bleach and water.	N/A
23 Bergin Circle, Waterbury, CT	7/17/2023, 12:45 PM - 7/18/2023, 3:30 PM	N/A	DPH estimates the final quantity to be 20	Sewage Line Blockage - Other	The landlord hired a contractor to clear the blockage, clean and sanitize the area with 10% bleach.	N/A
84 Crown Street, Waterbury, CT	8/2/2023, 4:45 PM - 8/4/2023, 3:30 PM		DPH reports the final quantity to be 10	Sewage Line Blockage - Other	The landlord hired a contractor to clear the blockage and clean the affected area with water and 10% bleach.	N/A
31 Eastwood Avenue, Waterbury, CT	9/1/2023, 9:45 AM - 9/5/2023, 5:15 AM		DPH determined final quantity to be 50	Sewage Line Blockage - Other	The inspector got in touch with the landlord, Notice of Violation was issued.	N/A
36 Hawkins Street, Waterbury, CT	9/5/2023, 3:30 PM - 9/8/2023, 3:30 PM		DPH estimates 50	Unknown	The landlord hired a contractor to clear the blockage and clean the affected area with 10% bleach and water.	N/A
611 Bunker Hill Avenue, Waterbury, CT	9/7/2023, 12:30 PM - 9/7/2023, 4:30 PM	Trumpet Brook	12,000	Collapsed manhole. Trumpet Brook bank caved in and knocked down manhole cone and top.	By-pass was rerouted, manhole was cleaned out and jetted. Flow was restored.	N/A

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170 Bunker Hill Avenue, Waterbury, CT	9/22/2023, 10:00 AM - 9/26/2023, 1:30 PM	Naugatuck River	8,300	Unknown	The sewer line was connected, and the storm line was capped and plugged.	N/A
33 Merrill Street, Waterbury, CT	9/28/2023, 10:30 AM - 10/4/2023, 5:30 PM		DPH reports final quantity to be 25	a cross connection was discovered during storm line repairs.	DPH reports The sewage outbreak was abated and the affected area was clean and sanitized with 10% bleach.	N/A
23 Walnut Avenue, Waterbury, CT	10/11/2023, 12:15 PM - 10/31/2023, 11:30 AM		DPH reports 100 for final quantity	Blockage	The re-inspection was conducted and sewer line was repaired and the affected area was clean and sanitized.	N/A
745 Baldwin Street, Waterbury, CT	10/26/2023, 8:30 AM - 10/28/2023, 11:30 AM		DPH estimated the quantity to be 50	Blockage in Curb box	The inspector got in touch with the landlord and the blockage was cleared. The affected area was clean and sanitized.	N/A
68 Randolph Avenue, Waterbury, CT	10/30/2023, 2:00 PM - 10/31/2023, 9:30 AM		DPH reports 75 for the final quantity	Unknown	The inspector got in touch with the landlord and the blockage was cleared. The affected area was clean and sanitized.	N/A
10-12 Pearl Street, Waterbury, CT	11/6/2023, 9:00 AM - 11/7/2023, 3:00 PM		DPH estimated 75	Unknown	DPH reports the re-inspection was conducted and the sewage backup was abated and the affected area w	N/A
50 Hewlett Street, Waterbury, CT	11/15/2023, 6:30 AM - 12/5/2023, 12:15 PM	N/A	DPH reports 150	Sewage Line Broken by Contractor or other utility	On 12/5/2023, the re-inspection was conducted and the sewage backup was abated and the affected area was clean and sanitized.	N/A
57 Jersey Street, Waterbury, CT	11/21/2023, 11:45 AM - 11/21/2023, 12:15 PM		Final quantity 20	Sewage Line Blockage - Rags	Blockage was cleared using a jetter truck. Lime was applied to the affected area.	N/A
124 Plaza Avenue, Waterbury, CT	11/21/2023, 2:30 PM - 11/22/2023, 12:00 PM	N/A	DPH reports 50 as the final quantity	Sewage Line Blockage - Other	DPH reported that on 11/22/2023, the re- inspection was conducted and the sewage backup was abated.	N/A
123 Washington Street, Waterbury, CT	11/29/2023, 2:45 PM - 12/4/2023, 3:00 PM	Mad river	DPH reports 75	Blockage in the private lateral	DPH reports the sewage backup was abated and the affected area was clean and sanitized with 10% bleach.	N/A
218 Lounsbury Street, Waterbury, CT	12/4/2023, 3:45 PM - 12/5/2023, 12:15 PM	Naugatuck river	DPH reports 50 as the final quantity	Sewage Line Blockage - Other	The sewage backup was abated and the affected area was clean and sanitized with 10% bleach.	N/A

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129 Warner Street, Waterbury, CT	12/4/2023, 12:45 PM - 12/5/2023, 12:00 PM	N/A	DPH estimated 25	Sewage Line Blockage - Other	They got a company out to the property to abate the sewage backup on 12/5/2023.	N/A
60 Terrell Road, Waterbury, CT	12/18/2023, 9:30 AM - 12/18/2023, 10:30 AM	Welton Brook	3,000	Excessive Flows – Storm Event	We maintained until the pumps were able to return to normal.	N/A
210 Municipal Road, Waterbury, CT	12/18/2023, 10:45 AM-12/18/2023, 3:15 PM	Naugatuck River	Unknown	Excessive Flows – Storm Event	Gate was closed once flows decreased to less than 84 MG.	N/A
140 Hillside Avenue, Waterbury, CT	12/22/2023, 10:00 AM-12/24/2023, 11:00 AM	N/A	DPH reports 25	Blockage in private curb box	The sewage backup was abated and the affected area was clean and sanitized with 10% bleach.	N/A
218 Lounsbury Street, Waterbury, CT	12/25/2023, 3:30 AM - 12/26/2023, 11:00 AM	Naugatuck River	DPH reports 75 as the final quantity	Sewage Line Blockage - Other	DPH reported that the sewage backup was abated and the affected area was clean and sanitized with 10% bleach.	N/A
210 Municipal Road, Waterbury, CT	12/28/2023, 11:30 AM - 12/29/2023, 11:30 AM	Naugatuck River	Unknown	Excessive Flows – Storm Event	Process control around the plant and abnormal high flows decreased.	N/A
57 Jersey Street, Waterbury, CT	12/31/2023, 10:15 AM - 12/31/2023, 11:00 AM	Hopeville pond brook	4,800	Sewage Line Blockage - Other	Jetter truck was dispatched to clear the blockage.	N/A
95 Tracey Avenue to 30 Benjamin Street	5/31/23; 9:45 AM	No	20	Hydraulic fluid leak from City Vehicle	Spill was covered with speedy-dry by Central Vehicle Maintenance (CVM) Technician and the Refuse Foreman. Speedy-dry cleaned up and transported to CVM in a sealed 55 gallon drum. Roads were sanded and swept up with a street sweeper. Leak was contained and truck brought back to CVM for repair.	N/A
Middeway East and Maybrook Road	7/7/23; 8:00 AM	No	30	Hydraulic Oil leak from City Vehicle	Speedy-dry was applied to leak, cleaned up and put in a sealed fifty five gallon drum and brought back to CVM for disposal. Road was sanded and swept. Vehicle brought back to CVM for repair.	N/A

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Intersection of Woodland and Frost Road to 253 Frost Road	10/16/23; 5:30 AM	No	25	Hydraulic leak from City Vehicle	Spill was covered with speedy-dry, cleaned up and transported to CVM in sealed 55 gallon drum. Road was sanded and swept. Leak was contained and truck was brought back to CVM for repair.	N/A
222 Bradley Avenue, Waterbury, CT	1/24/2024, 10:15 AM – 1/3/2024, 12:15 PM	Sled Haul Brook	550	Blockage	Referred to Health Department, DPH contacted landlord to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re- inspection on 1/3/23 and the sewage outbreak was cleared and affected area was cleaned	N/A
133 Maybrook Road, Waterbury, CT	1/20/2024: 1:00 AM – 3:45 AM	Welton Brook	156,750	Hydraulic	Station was maintained with Vacuum Truck until pumps were able to keep up with normal flows. This was a wet weather event (2.0 inches of rain and 4 inches of snow meltdown). Area is being evaluated for corrective action including I&I building inspections. Continue to deploy vacuum truck when SCADA alarm is received.	N/A
52 Terrel Street, Waterbury, CT	1/10/2024: 12:30 AM – 3:45 AM	Welton Brook	10,500	Hydraulic	Station was maintained with Vacuum Truck until pumps were able to keep up with normal flows. This was a wet weather event (2.0 inches of rain and 4 inches of snow meltdown). Area is being evaluated for corrective action including I&I building inspections. Continue to deploy vacuum truck when SCADA alarm is received.	N/A
530 Reidville Drive, Waterbury, CT	2/9/2024: 8:45 AM – 12:45 PM	Beaver Pond Brook	250	Blockage	Referred to Health Department, DPH contacted McDonald's management to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 2/9/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A

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148 Plaza Avenue, Waterbury, CT	4/10/2024: 8:00 AM – 12:45 PM	N/A	50	Blockage	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 4/10/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A
203 Cooke Street, Waterbury, CT	4/10/2024, 7:30 AM – 4/14/2024, 3:30 PM	Naugatuck River	150	Blockage	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 4/14/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A
80 Charles Street, Waterbury, CT	4/15/2024, 12:15 PM – 4/16/2024, 3:30 PM	N/A	50	Blockage	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 4/16/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A
406 Baldwin Street, Waterbury, CT	4/24/2024, 10:30 AM – 4/26/2024, 2:15 PM	N/A	25	Blockage	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 4/25/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A
168 Berkeley Avenue, Waterbury, CT	4/26/2024: 1:45 PM – 2:30 PM	Mad River	3,750	Blockage	Jetter truck was dispatched to clear blockage. Lime was applied to areas affected by the sewage spill. Blockage was cleared. Inspection frequency of the right of way was increased.	N/A
123 Bank Street, Waterbury, CT	4/30/2024, 8:00 PM – 5/1/2024, 11:00 AM	Naugatuck River	Unknown	Cross Connection	Called emergency On-Call Contractor to disconnect the private sewer lateral from storm system. Work was completed under emergency on-call. City contractor disconnected the private lateral from the storm system.	N/A

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943 Wolcott Street, Waterbury, CT	5/7/2024, 12:00 AM – 5/8/2024, 12:00 AM	N/A	100	Blockage	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 5/8/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A
70 Vail Street, Waterbury, CT	5/31/2024, 2:00 AM – 6/2/2024, 2:00PM	N/A	20	Broken by contractor	Jacobs contacted Roto Rooter company and confirmed that the lateral was blocked. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. Roto Rooter cleared the blockage. Regular flowing conditions were reestablished.	N/A
15 Camp Street, Waterbury, CT	6/6/2024, 10:45 AM – 6/8/2024, 3:00 PM	N/A	20	Blockage	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 6/8/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A
151 Wall Street, Waterbury, CT	6/20/2024, 3:00 PM – 6/21/2024, 3:00 PM	N/A	20	Blockage	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 6/8/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A
105 Trumpet Brook Road, Waterbury, CT	6/21/2024, 5:00 PM – 6/24/2024, 8:30 AM	Trumpet Brook	67,800	Structural	A Bypass pump was used to reroute sewage while repairs in the brook took place. The emergency on-call contractor removed debris from brook area. Compromised pipe was repaired and encased in concrete.	N/A
1970 Thomaston Avenue, Waterbury, CT	6/28/2024: 9:45 AM – 11:15 AM	N/A	2,000	Blockage	Jetter truck was dispatched to clear blockage. Lime was applied to areas affected by the sewage spill. Blockage was cleared. Location was added to maintenance cleaning plan.	N/A

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61 Ashley Street, Waterbury, CT	7/15/2024, 9:30 AM – 7/18/2024, 3:00 PM	N/A	50	Blockage	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 7/18/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A
174 Wood Street, Waterbury, CT	7/22/2024, 9:30 AM – 8/12/2024, 12:00 PM	N/A	25	Blockage	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 8/12/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A
250 Orange Street, Waterbury, CT	7/22/2024, 4:30 PM -7/25/2024, 7:15 AM	Mad River	150	Blockage	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 9/25/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A
90 Stonefield Drive, Waterbury, CT	7/25/2024: 2:45 PM – 4:00 PM	Beaver Pond Brook	100	Blockage	Jetter truck was dispatched to clear blockage. Blockage was cleared. A recommendation was made for private manholes to not have multi- hole covers since blockage was due to debris introduced to the system via private manhole.	N/A
133 Maybrook Road, Waterbury, CT	8/18/2024: 5:00 PM – 9:30PM	Welton Brook	108,800	Hydraulic	Station was maintained with Vacuum Truck until pumps were able to keep up with normal flows. This was a heavy rain event (7.0 inches). Area is being evaluated for corrective action including I&I building inspections. Continue to deploy vacuum truck when SCADA alarm is received.	

Location (Lat long/ street crossing/ address and receiving water)	Date and Duration of Occurrence	Discharge to MS4 or Surface Water	Estimated Volume Discharged (gallons)	Known or Suspected Cause/ Responsible Party	Corrective Measures Planned and Completed (include dates)	Sampling Data (if applicable)
200 Cooke Street, Waterbury, CT	9/3/2024: 9:45 PM – 10:30 PM	N/A	180	Mechanical Failure of Temporary Equipment	The pressure in the temporary plug was increased to stop the release. The emergency on-call contractor removed debris from the area. Temporary plug was installed while water pipe repairs were made. Plug was removed and pipe was reinstalled.	N/A
1588 Watertown Avenue, Waterbury, CT	10/16/2024: 2:00 PM – 8:15 PM	Steele Brook	5,400	Structural	Temporary pipe was installed. The emergency on-call contractor removed debris from the area. Permanent repair included installing, anchoring and concrete encased ductile Iron pipe completed on 10/21/24	N/A
535 Bunker Hill, Waterbury, CT	10/29/2024: 8:15 PM – 1:00 PM	Trumpet Brook	5,400	Structural	A Bypass pump was used to reroute sewage while repairs in the brook took place. The emergency on-call contractor removed debris from brook area. Compromised pipe was repaired and encased in concrete.	N/A
83 Southview Street, Waterbury, CT	10/31/2024, 12:00 PM – 11/4/2024, 11:00 AM	N/A	50	Blockage	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 11/4/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A
48 Lynbrook, Waterbury, CT	11/6/2024, 7:45 AM – 11/7/2024, 8:30 AM	N/A	30	Blockage	Jetter truck was dispatched to clear blockage. Lime was applied to areas affected by the sewage spill. Blockage was cleared. Inspection frequency is to be increased.	N/A
285 Cooke Street, Waterbury, CT	11/14/2024, 9:45 AM – 11/15/2024, 4:00 PM	N/A	50	Unknown	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 11/15/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A

Location (Lat long/ street crossing/ address and receiving water)	Date and Duration of Occurrence	Discharge to MS4 or Surface Water	Estimated Volume Discharged (gallons)	Known or Suspected Cause/ Responsible Party	Corrective Measures Planned and Completed (include dates)	Sampling Data (if applicable)
113 Robbins Street, Waterbury, CT	11/13/2024, 9:45 AM – 11/14/2024, 1:00 PM	N/A	50	Blockage	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 11/14/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A
14 South Reid Street, Waterbury, CT	11/15/2024, 12:30 PM – 11/19/2024, 3:15 PM	N/A	25	Blockage	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 11/19/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A
51-55 Ludlow Street, Waterbury, CT	11/20/2024, 1:30 PM – 11/22/2024, 12:00 PM	N/A	40	Blockage	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 11/22/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A
46 Cherry Street, Waterbury, CT	11/29/2024, 10:30 AM – 12/2/2024, 10:00 AM	N/A	50	Blockage	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 12/2/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A
46 Coe Street, Waterbury, CT	12/2/2024, 10:30 AM – 12/5/2024, 12:00 PM	N/A	75	Blockage	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 12/05/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A

Location (Lat long/ street crossing/ address and receiving water)	Date and Duration of Occurrence	Discharge to MS4 or Surface Water	Estimated Volume Discharged (gallons)	Known or Suspected Cause/ Responsible Party	Corrective Measures Planned and Completed (include dates)	Sampling Data (if applicable)
75 High Street, Waterbury, CT	12/26/2024, 11:00 AM – 1/8/2025, 3:00 PM	N/A	75	Blockage	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 1/8/25 and the sewage outbreak was cleared and affected area was cleaned.	N/A
73 Tudor Street, Waterbury, CT	12/27/2024, 1:45 PM – 12/30/2024, 11:30 AM	N/A	30	Unknown	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 12/30/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A

Location (Lat long/ street crossing/ address and receiving water)	Date and Duration of Occurrence	Discharge to MS4 or Surface Water	Estimated Volume Discharged (gallons)	Known or Suspected Cause/ Responsible Party	Corrective Measures Planned and Completed (include dates)	Sampling Data (if applicable)
285 Cooke Street, Waterbury, CT	12/30/2024, 10:30 AM – 1/9/2025, 3:00 PM	N/A	55	Blockage	Referred to Health Department, DPH contacted Property owner to clear blockage. Area affected by the sewage spill was cleaned and sanitized with 10% bleach. DPH conducted re-inspection on 1/09/24 and the sewage outbreak was cleared and affected area was cleaned.	N/A
<p>*This was reported as a bypass, however, WPC was not provided access to the basement by the property owner and therefore could not verify that there was a bypass, the volume of it, or the cause of it. If the cause of a Bypass is not immediately clear, it may take time to identify the cause of the backup. As these cases can sometimes become legal matters and may end up in formal court proceedings and/or arbitration; having to formally commit to a cause before completing the investigation and determining the true cause could potentially undermine these proceedings.</p> <p>**Initial appearance is the cause was due to grease, debris, and/or roots; however, further investigation is needed to confirm the cause of the bypass. If the cause of a Bypass is not immediately clear, it may take time to identify the cause of the backup. As these cases can sometimes become legal matters and may end up in formal court proceedings and/or arbitration; having to formally commit to a cause before completing the investigation and determining the true cause could potentially undermine those proceedings.</p> <p>***The cause was due to heavy rain of 1"-2" per hour, two pumps at each pump station are capable of pumping 300 gallons per minute but were not able to keep up with high flow. During the heavy rain in event in January 24, 2019, the sewer flow was maintained with vacuum trucks and there was a change in conveyance.</p> <p>+The cause was due to debris and rags which are most likely from unauthorized discharges from nearby Housing Authority Apartments, Housing Authority personnel are to be notified, and they are to provide notification to the tenants of items that should not be flushed down the sewers.</p> <p>++Initial appearance is that the cause was due to debris, rags, and/or roots; however, further investigation is needed to confirm the cause of the bypass. If the cause of a Bypass is not immediately clear, it may take time to identify the cause of the backup. As these cases can sometime become legal matters and may end up in formal court proceedings and/or arbitration; having to formally commit to a cause before completing the investigation and determining the true cause could potentially undermine those proceedings.</p> <p>+++Please note that there were changes to the CT DEEP Sewage Right to Know statute effective October 1, 2021; for this reason the bypasses from private laterals are now listed in this summary #The cause are most likely from discharge from Wallace School, Department of Education personnel to periodically inspect and maintain sanitary sewer.</p> <p>##If the cause of a Bypass is not immediately clear, it may take time to identify the cause of the backup. As these cases can sometime become legal matters and may end up in formal court proceedings and/or arbitration; having to formally commit to a cause before completing the investigation and determining the true cause could potentially undermine those proceedings. ###Initial appearance is that the cause was due to debris, rags, and/or roots; however, further investigation is needed to confirm the cause of the bypass.</p> <p>#### Further investigation is needed to confirm the cause of the bypass.</p> <p>^ Initial appearance is that the cause was due to debris, rags, and/or roots; however, further investigation is needed to confirm the cause of the bypass. If the cause of a Bypass is not immediately clear, it may take time to identify the cause of the backup. As these cases can sometime become legal matters and may end up in formal court proceedings and/or arbitration; having to formally commit to a cause before completing the investigation and determining the true cause could potentially undermine those proceedings.</p>						

Waterbury Water Pollution Control Facility Summary of CSO from Outfall 002-1 Reporting Period – January 2024 to December 2024									
Precipitation Event				Discharge Event					Comments
Date	Time	Quantity	Duration	Date	Time	Duration	Quality	Volume	
XX	XX	XX	XX	XX	XX	XX	XX	XX	XX

### 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 received no applications for new Septic Systems during this reporting period. Health Department inspected and approved several system repairs.				

### 3.5 Briefly Describe the Method and Effectiveness of Said Method Used to Track Illicit Discharge Reports

Reports filed through the website or Smartphone Application are entered into the IDDE tracking spreadsheet by one of the City's Civil Engineers.

### 3.6 IDDE Reporting Metrics

Metrics	
Estimated or actual number of MS4 outfalls	~371 presumed city owned outfalls
Estimated or actual number of interconnections	~19 state road interconnections – Interconnections with other towns have not yet been located
Outfall mapping complete	~95% – Some outfalls need to be reclassified/ relabeled
Interconnection mapping complete	TBD
System-wide mapping complete (detailed MS4 infrastructure)	~95% – Still need additional labeling
Outfall assessment and priority ranking	Rankings were updated for all 371 outfalls based on new information collected

Dry weather screening of all High and Low priority outfalls complete	294 – Includes some potential interconnections
Catchment investigations complete	1 initiated
Estimated percentage of MS4 catchment area investigated	~1%

### 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)

Employees in the City of Waterbury involved in the IDDE program will be trained at a minimum on how to identify illicit discharges and SSOs. Staff will read the IDDE Program Plan and watch the workshop presentations located on the UCONN Nemo website for clarification on their specific duties. Training will be conducted annually and recorded on the form located in the Appendix of the IDDE Plan. A virtual training was provided to select personnel from the Department of Public Works and Engineering Department on May 12, 2022. Members of the City's DPW and Landfill operations staff completed an annual Industrial Stormwater General Permit (SWPPP) and SPCC training on 5/25/23 with B&L.

## 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)	On-going	The City's Land Use Regulations, revised through 2016, are currently being enforced. The Town's consultant evaluated the Town's land use regulations during 2021-2022 and made recommendations towards improving compliance with the MS4 General Permit.	Review and update the regulations to be consistent with the requirements of the permit.	PW/ Planning/ City Engineer	2016 On-going	In 2024, the Town will review its consultant's comments and will look to update its regulations, as necessary, to improve compliance with MS4 general permit

<b>BMP</b>	<b>Status</b> (Complete, Ongoing, In Progress, or Not started)	<b>Activities in Current Reporting Period</b>	<b>Measurable Goal</b>	<b>Department/ Person Responsible</b>	<b>Date Completed or Projected Completion Date</b> (include the start date for anything that is 'in progress')	<b>Additional Details</b>
4-2 Develop/ Implement plan for interdepartmental coordination in site plan review and approval (Ongoing)	On-going	Interdepartmental meetings are being conducted	Document current procedure	PW/ Planning/ City Engineer	Jul 1, 2017 On-going	
4-3 Review site plans for stormwater quality concerns (Ongoing)	On-going	Site Plan reviews include the review of stormwater controls or BMPs in accordance with an E&S Control Plan for site with soil disturbance of 0.5 acre or more.	Continue to review all design plans for consistency with city and state guidelines for erosion and sediment control.	PW/ Planning/ City Engineer	Jul 1, 2017 On-going	
4-4 Conduct site inspections (Ongoing)	On-going	The City has been conducting inspections of construction sites to ensure the adequacy of the installation, maintenance, operation & repair of runoff control measures	Continue existing program of construction inspections. Document inspections performed.	PW/ Planning/ City Engineer	Jul 1, 2017 On-going	
4-5 Implement procedure to allow public comment on site development (Ongoing)	Completed	The public can contact the Citizens service Center by phone, entering a complaint in the QAlert System on the website, or iReportWTBY application on smartphones	Document public comments	PW/ Planning/ City Engineer	Jul 1, 2017 On-going	Information submitted is forwarded to the P&Z and PW Depts. Info regarding construction site runoff is forwarded to the Zoning enforcement officer
4-6 Implement procedure to notify developers about DEEP construction stormwater permit (Ongoing)	Completed	Waterbury informs developers that they have a potential obligation to apply for a permit if their construction disturbs >1 acre of land	Update application forms to include determining if Construction Stormwater GP is required. Updated webpage.	PW/ Planning/ City Engineer	Jul 1, 2017 On-going	Notification includes provision that a copy of the SPCP be provided to the City upon request.

#### 4.2 Describe Any Construction Site Runoff Control Activities Planned for the Next Year, If Applicable

- Continue to update ordinances/ regulations to improve compliance with MS4 General Permit.
- Continue to review all design plans for consistency with City and State guidelines for erosion and sediment control.

- Continue existing program for construction inspections.
- Continue to follow all State public notice and hearing requirements and follow up on all comments and complaints received.
- Add a standard note to the Town's website notifying applicants of the requirements pertaining to the Construction Stormwater General Permit.

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

### 5.1 BMP Summary

BMP	Status (Complete, Ongoing, In Progress, or Not started)	Activities in Current Reporting Period	Measurable Goal	Department/ Person Responsible	Date Completed or Projected Completion Date (include the start date for anything that is 'in progress')	Additional Details
5-1 Establish and/or update legal authority and guidelines regarding LID and runoff reduction in site development planning (Due 7/1/22)	In Progress	The City's consultant evaluated the Town's land use regulations during 2021-2022 and made recommendations towards improving compliance with the MS4 General Permit.	Review and update the regulations to be consistent with the requirements of the Permit.	PW/ Planning/ City Engineer	Dec 2024	In 2024, the Town will review its consultants' comments and will look to update its regulations, as necessary, to improve compliance with MS4 general permit.
5-2 Enforce LID/ runoff reduction requirements for development and redevelopment projects (Due 7/1/22)	In Progress	The City will continue to suggest LID/ runoff reduction to the Maximum Extent Practical, for development and redevelopment projects.	Review current regulations to identify and, where appropriate, reduce or eliminate existing regulatory barriers to implementation of LID and runoff reduction practices to the MEP.	PW/ Planning/ City Engineer	On-going	The City works with developers to facilitate meeting permit requirements
5-3 Identify retention and detention ponds in priority areas (Due 7/1/20)	In Progress	The City recently procured the services of a new consultant and they will be confirming pond locations in the field.	Inventory of Town retention/ detention ponds and update existing maps	PW/ Planning/ City Engineer	On-going	

<b>BMP</b>	<b>Status</b> (Complete, Ongoing, In Progress, or Not started)	<b>Activities in Current Reporting Period</b>	<b>Measurable Goal</b>	<b>Department/ Person Responsible</b>	<b>Date Completed or Projected Completion Date</b> (include the start date for anything that is 'in progress')	<b>Additional Details</b>
5-4 Implement long-term maintenance plan for stormwater basins and treatment structures (Ongoing)	Substantially Completed	Draft plan created on June 26, 2019. The plan is substantially complete.	Develop a maintenance plan for retention/ detention ponds and stormwater treatment structures.	PW/ City Engineer	December 2024 On-going	The City anticipates finalizing the plan in 2024.
5-5 DCIA mapping (Due 7/1/20)	Substantially Completed	The DCIA for the priority areas have been calculated using the available impervious cover layers.	Calculate DCIA	PW/ City Engineer	June 15, 2020 On-going	The DCIA mapping will be updated, as necessary, to include retrofit, development and development projects.
5-6 Address post-construction issues in areas with pollutants of concern	To be Started	None	Document issues identified and address. Prioritize areas for the DCIA retrofit program under MCM-6	PW/ Planning/ City Engineer	On-going	Waterbury will prioritize those area for the DCIA retrofit program under BMP 6

## 5.2 Describe Any Post-Construction Stormwater Management Activities Planned for the Next Year, If Applicable

- Continue to review and update ordinances/ regulations to improve compliance with MS4 General Permit.
- Continue to enforce LID/ runoff reduction requirements for development and redevelopment projects.
- Continue to identify and map City-owned ponds and structures.
- Review Stormwater Structures Management Plan for areas of optimization and finalize plan.
- Conduct inspections and water quality monitoring for stormwater and treatment basins.
- Continue updating the DCIA mapping, as necessary.

## 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)	29% - 5,463.65	acres
DCIA disconnected (redevelopment plus retrofits)	Unknown	acres this year/acres total
Retrofit projects completed	Unknown	#
DCIA disconnected	TBD	% this year/% total since 2012
Estimated cost of retrofits	Unknown	\$
Detention or retention ponds identified	Unknown	# total

#### 5.4 Briefly Describe the Method to Be Used to Determine Baseline DCIA

The UConn NEMO MS4 Map located at <https://nemo.uconn.edu/ms4/tools/ms4map.html> was used to determine the impervious cover clipped to the City of Waterbury boundary. Since most of the City's sub-regional drainage basins are at 11% or greater impervious cover, the impervious area is equal to directly connected impervious area was used. Due to large number of outfalls in the City, the baseline DCIA was calculated and tabulated using sub-regional drainage basin impervious cover values, rather than for each of the MS4 outfalls.

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

### 6.1 BMP Summary

BMP	Status (Complete, Ongoing, In Progress, or Not started)	Activities in Current Reporting Period	Measurable Goal	Department/ Person Responsible	Date Completed or Projected Completion Date (include the start date for anything that is 'in progress')	Additional Details
6-1 Develop/ implement formal employee training program (Ongoing)	On-going	A training program has been developed. Virtual trainings were provided to select personnel from the Department of Public Works and Engineering Department on May 27, 2021, and May 12, 2022. Members of the City's DPW and Landfill operations staff completed an annual Industrial Stormwater General Permit (SWPPP) and SPCC training on 5/25/23 with B&L.	Continue to track Town employee training on logs	PW/ City Engineer	On-going	The City will continue its training program, and make amendments as needed with respect to the following: SOPs consistent with MS4 permit, goals and objectives of SMP, IDDE plan components, and Spill Response protocol and responsibilities. On-Going
6-2 Implement MS4 property and operations maintenance (Ongoing)	On-going	Property and operations maintenance is currently underway and will continue for the duration of the permit term.	Continue MS4 property and operations maintenance in accordance with the Permit. Keep records of maintenance	PW/ Parks/ Waterbury City Staff responsible for maintenance	July 1, 2018, On-going	The City will continue reviewing current practices looking for areas for optimization.
6-3 Implement coordination with interconnected MS4s	In-Progress	Through the outfall identification process, the City has identified several interconnections with the neighboring towns/ cities.	Coordinate pollution prevention activities with interconnected MS4s.	PW/ Planning/ City Engineer		
6-4 Develop/ implement program to control other sources of pollutants to the MS4	In-Progress	The City is working with a consultant to implement trash collectors at outfalls with the greatest identified need.	Develop and implement a program to control the contribution of pollutants to the MS4.	PW/ City Engineer	On-going	The City is looking into identifying industrial facilities not registered under the DEEP's Industrial Stormwater General Permit.

<b>BMP</b>	<b>Status</b> (Complete, Ongoing, In Progress, or Not started)	<b>Activities in Current Reporting Period</b>	<b>Measurable Goal</b>	<b>Department/ Person Responsible</b>	<b>Date Completed or Projected Completion Date</b> (include the start date for anything that is 'in progress')	<b>Additional Details</b>
6-5 Evaluate additional measures for discharges to impaired waters*	On-going	The City continues to add "Do Not Feed the Geese" signs around parks. Many pet waste stations and "Pick-Up After Pet" signs are located in various parks.	Identify potential project locations. Designate responsible person(s), hold meetings, start a log	PW/ Parks/ City Engineer	On-going	
6-6 Track projects that disconnect DCIA (Ongoing)	On-going	The City has a log to track projects that have disconnected DCIA from the MS4.	Annually track acreage of DCIA disconnected as a result of redevelopment/ retrofit projects within the City.	PW/ Planning/ City Engineer	July 1, 2017, On-going	The tracking list was started and will be updated throughout the duration of the permit.
6-7 Implement infrastructure repair/ rehab program (Due 7/1/21)	In-Progress	The City is logging all MS4 structures requiring repairs, rehabilitation, or an upgrade to reduce/ eliminate the discharge of pollutants.	Identify MS4 structures to repair, rehabilitate, or upgrade to reduce pollutant discharge.	PW/ City Engineer	December 2024, On-going	In 2021, the City spent ~\$9M on repairing 32 streets. Many structures needing repair in these streets were completed during the repaving process.
6-8 Develop/ implement plan to identify/ prioritize retrofit projects (Due 7/1/20)	In-Progress	In 2024, the City anticipates preparing a Draft Retrofit Plan. The City will continue working with its consultant to identify and prioritize potential projects for the Retrofit Program to the maximum extent practicable.	Develop a retrofit project plan to identify and prioritize DCIA connection projects	PW/ Planning/ City Engineer	December 2024	
6-9 Implement retrofit projects to disconnect 2% of DCIA (Due 7/1/22)	Not Started	In 2024, the City will continue working with its consultant to identify and prioritize potential projects for the Retrofit Program to the maximum extent practicable.	Implement Retrofit Plan – Reduce DCIA acreage by 1% each year starting July 1, 2021	PW/ Planning/ City Engineer	December 2024	

<b>BMP</b>	<b>Status</b> (Complete, Ongoing, In Progress, or Not started)	<b>Activities in Current Reporting Period</b>	<b>Measurable Goal</b>	<b>Department/ Person Responsible</b>	<b>Date Completed or Projected Completion Date</b> (include the start date for anything that is 'in progress')	<b>Additional Details</b>
6-10 Develop/ implement street sweeping program (Ongoing)	On-going	See table in Section 6.3 for 2023 street sweeping statistics. Streets and parking lots within Priority Areas were swept following winter maintenance activities in 2023. This occurs at least once per year. In addition, areas with increased pollutant potential were swept more frequently. Street sweepings were disposed at the North End Disposal Area	Continue sweeping using frequencies outlined in the SMP. Maintain log of street sweeping	PW/ City Engineer	July 1, 2017, On-going	The City meets the sweeping frequencies outlined in the SMP, including rural and uncurbed streets and parking lots without catch basins. Downtown business area swept monthly from April through November. City-wide annual Sweeping program completed June 2023. Multiple DPW identified areas where swept at a higher frequency. (Monthly) during the reporting period. DPW developed a program to screen street sweepings and reuse following approved DEEP guidelines and use product for winter operations.
6-11 Develop/ implement catch basin cleaning program (Ongoing)	On-going	The City cleaned catch basins observed to be full based on resident or department work reports or complaints. The City has a designated catch basin cleaning crew during the spring. The City continues to monitor the trash extruders that are still installed in catch basins in high litter areas.	Continue current maintenance program in accordance with the Permit and maintain logs.	PW/ City Engineer	July 1, 2020, On-going	During 2023, the City cleaned a total of 2,500 basins through DPW staff and contracted vendor including basins on roads paved during the reporting period. An additional, 404 catch basins were cleaned as part of the paving program in 2023.

<b>BMP</b>	<b>Status</b> (Complete, Ongoing, In Progress, or Not started)	<b>Activities in Current Reporting Period</b>	<b>Measurable Goal</b>	<b>Department/ Person Responsible</b>	<b>Date Completed or Projected Completion Date</b> (include the start date for anything that is 'in progress')	<b>Additional Details</b>
6-12 Develop/ implement snow management practices (Due 7/1/18)	On-going	The City will continue to brief associated staff at every snow storm on the SOPs for the use, handling, storage, application, and disposal of deicing products to minimize exposure to stormwater. City maintains detailed logs of snow management activities and SOPs. See table below for 2023 snow management statistics	Develop/ implement snow management practices. Maintain manual with written SOPs, records of training, logs of snow management activities	PW/ City Engineer	July 1, 2017, On-going	The City will manage and dispose of snow accumulations in accordance with DEEP BMP found at: <a href="https://portal.ct.gov/DEEP/Water-Regulating-and-Discharges/Stormwater/Stormwater-Management">https://portal.ct.gov/DEEP/Water-Regulating-and-Discharges/Stormwater/Stormwater-Management</a> . The City will continue to consider the use of alternative materials to chloride based or other salt deicing products.

## 6.2 Describe Any Pollution Prevention/ Good Housekeeping Activities Planned for the Next Year, If Applicable

- Conduct annual MS4 training events.
- Continue to review MS4 property and operations maintenance practices and look for areas for optimization.
- Continue to identify MS4 interconnections with the neighboring towns/ cities.
- Implement trash collectors at outfalls with the greatest identified need.
- Notify industrial facilities of their requirements to register under the Industrial Stormwater GP.
- Continue tracking disconnected DCIA using the table created.
- Continue logging all MS4 structures requiring repairs, rehabilitation, or an upgrade to reduce/ eliminate the discharge of pollutants.
- Continue efforts to identify and prioritize potential projects for the Retrofit Program to the maximum extent practicable.
- Continue street sweeping, catch basin cleaning and snow management practices.

### 6.3 Pollution Prevention/ Good Housekeeping Reporting Metrics

Metrics	
Employee training provided for key staff	Virtual training was provided on 5/12/2022. Members of the City's DPW and Landfill operations staff completed an annual Industrial Stormwater General Permit (SWPPP) and SPCC training on 5/25/23 with B&L.
<b>Street sweeping</b>	
Curb miles swept	Annually ~340 centerline miles are swept Downtown business district swept on an approx. monthly basis All municipal parking lots swept annually including buildings, schools, and parks
Volume (or mass) of material collected	Unknown
<b>Catch basin cleaning</b>	
Total catch basins in priority areas	~6,600
Total catch basins in MS4	~6,600
Catch basins inspected	~3,000
Catch basins cleaned	~2,904
Volume (or mass) of material removed from all catch basins	Unknown
Volume removed from catch basins to impaired waters (if known)	Unknown
<b>Snow management</b>	
Type(s) of deicing material used	Sand (4/5) and Salt (1/5)
Total amount of each deicing material applied	~16,000 tons
Type(s) of deicing equipment used	Truck/ spreader
Lane-miles treated	~340 centerline miles
Snow disposal location	City owned property at 698 South Main Street
Staff training provided on application methods & equipment	Yes – as necessary

<b>Municipal turf management program actions (for permittee properties in basins with N/P impairments)</b>	
Reduction in application of fertilizers (since start of permit)	N/A
Reduction in turf area (since start of permit)	N/A
<b>Lands with high potential to contribute bacteria (dog parks, parks with open water, &amp; sites with failing septic systems)</b>	
Cost of mitigation actions/ retrofits	None at this time

#### 6.4 Catch Basin Cleaning Program

<b>Provide any updates or modifications to your catch basin cleaning program.</b>
The City will utilize the Citizen Service Request and work order tracking program called QAlert that includes a mobile app (iReportWTBY) for the public to report catch basins requiring maintenance, to prioritize catch basins to be cleaned. Use of this system aids the City in quantifying annual catch basin maintenance, including cleaning and repairs. The City will prioritize catch basins near impaired waters and construction sites; those catch basins shall be cleaned more frequently.

#### 6.5 Retrofit Program

<b>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)</b>
In 2025, the City will continue working with its consultant to identify and prioritize potential projects for the Retrofit Program to the maximum extent practicable.

<b>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)</b>
In 2025, the City will continue working with its consultant to identify and prioritize potential projects for the Retrofit Program to the maximum extent practicable.

## 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.**

1. To date, 24 outfalls discharging to impaired waters have been sampled for stormwater pollutants of concern. Based on available budget and limited amount of qualifying rain events, the City was not able to collect additional samples in 2024.
2. 21 of the 24 impaired outfalls sampled to date will require an investigation based on wet weather samples collected.
3. Due to available budget and limited number of qualifying storm events in 2024, the City was not able to focus efforts on sampling. In 2025, the City will continue focusing on collecting wet weather samples from the remaining outfalls to the maximum extent practicable. The City will continue to attempt to collect wet weather samples from the impaired outfalls until all known locations are sampled. Once the remaining impaired wet weather samples are collected, the City will focus on the 6 annual priority wet weather samples and wet weather investigation samples. No additional changes have been made to the Stormwater Management Plan at this time.

## 2. Screening Data for Outfalls to Impaired Waterbodies (Section 6(i)(1)/page 41)

### 2.1 Screening Data

Outfall ID	Sample Date	Latitude	Longitude	E. Coli (col/100ml)	Outfall Turbidity (NTU)	Upstream Turbidity (NTU)	Lab	Investigation Required
6914-00-3-L3-001	11/13/2018	41.55454098	-73.00367698	1046.2	13		CET	YES
6914-00-3-L3-002	11/13/2018	41.55983122	-73.00292571	1046.2	6.47		CET	YES
6914-00-3-L3-002A	11/13/2018	41.559828	-73.00316	261.3	11.9		CET	NO
6914-00-3-L3-003	11/13/2018	41.5654933	-73.00164108	547.5	21		CET	YES
6914-00-3-L3-004	11/13/2018	41.5678268	-72.99981234	1732.9	6.52		CET	YES
6914-00-3-L3-005	11/13/2018	41.55367347	-73.00386506	1986.3	17.5		CET	YES
6914-00-3-L3-007	6/29/2018	41.55173256	-73.0024937	8600	80		CET	YES
6914-00-3-L3-008	6/29/2018	41.55173449	-73.00249202	9240	92		CET	YES
6914-00-3-L3-010	12/28/2018	41.56886795	-72.99949505	52	84.9	2.1	Phoenix	YES
6914-00-3-L3-011	12/28/2018	41.56884989	-72.99935946	63	43.2	2.1	Phoenix	YES
6914-00-3-L3-013	11/13/2018	41.557691	-73.00338797	>2419.6			CET	YES
6914-00-3-L3-021A	12/28/2018	41.563071	73.002842	52	12.45	3.91	Phoenix	YES
6914-00-3-L4-001	12/28/2018	41.54043841	-73.00995521	749	19.2	3.35	Phoenix	YES
6914-00-3-L4-004	6/29/2018	41.54356434	-73.00930951	11370	49	17	CET	YES
6914-00-3-L4-012	6/29/2018	41.5453785	-73.00609083	8900	25	20	CET	YES
6914-00-3-L4-013	12/28/2018	41.540548	-73.00910141	10	70.5	16.44	Phoenix	YES
6914-00-3-L4-015	6/29/2018	41.54320302	-73.00947985	8570	232	27	CET	YES
6914-00-3-L4-017	11/13/2018	41.54396568	-73.00760181	>2419.6	13.5		CET	YES
6914-00-3-R3-003	11/13/2018	41.55277966	-73.02788861	1732.9	16.5		CET	YES

Outfall ID	Sample Date	Latitude	Longitude	E. Coli (col/100ml)	Outfall Turbidity (NTU)	Upstream Turbidity (NTU)	Lab	Investigation Required
6914-00-3-R3-004	12/28/2018	41.55229679	-73.02622171	706	25.5	5.75	Phoenix	YES
6914-00-3-R3-005	11/13/2018	41.550364	-73.023962	396.08			CET	NO
6914-00-3-R3-008	11/13/2018	41.54858458	-73.03476046	1553.1			CET	YES
6914-00-3-R3-013	12/28/2018	41.55231689	-73.02704579	620	48.7	9.3	Phoenix	YES
6914-00-3-R3-018	12/28/2018	41.54637218	-73.02177281	279	46.1	4.75	Phoenix	NO
Notes: N/A - N/A								

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

Pollutant of concern	Pollutant threshold
Nitrogen	Total N > 2.5 mg/l
Phosphorus	Total P > 0.3 mg/l
Bacteria (fresh waterbody)	E. coli > 235 col/100ml for swimming areas or 410 col/100ml for all others Total Coliform > 500 col/100ml
Bacteria (salt waterbody)	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

## 2.2 Credit For Screening Data Collected Under 2004 Permit

If any outfalls to impaired waters were sampled under the 2004 MS4 permit, that data can count towards the monitoring requirements under the modified 2017 MS4 permit. Complete the table below to record sampling data for any outfalls to impaired waters under the 2004 MS4 permit.

Outfall	Sample Date	Parameter	Results	Name of Laboratory (if used)	Follow-up required?
6912-00-3- R1-002	10/27/2016	Bacteria	- E. coli 41,000 MPN/100ml	CT Testing Laboratories	Yes
6900-00-4- R13-012	10/27/2016	Bacteria	- E. coli 18,600 MPN/100ml	CT Testing Laboratories	Yes
6914-00-3- R3-002	10/27/2016	Bacteria	- E. coli 23,800 MPN/100ml	CT Testing Laboratories	Yes
6900-00-4- R9-002	2000-2006	Bacteria	- 33 E. coli samples with a range of 50-24,000 col/100ml and a median of 11,000 col/100ml	Data found in "A Total Maximum Daily Load Analysis for Recreational Uses of the Naugatuck River Regional Basin" by CT DEEP April 17,2008	Yes

### 3. Follow-Up Investigations (Section 6(i)(1)(D)/page 43)

Provide the following information for outfalls exceeding the pollutant threshold.

Outfall	Status of drainage area investigation	Control measure implementation to address impairment
It is anticipated that this will be initiated during 2025		

### 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	Sample Date	Parameter(s)	Results	Name of Laboratory (if used)
It is anticipated that this will be initiated during 2025				

### PART III: ADDITIONAL IDDE PROGRAM DATA

#### 1. Assessment and Priority Ranking of Catchments Data<sup>1</sup> (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).

In 2021 and 2022, significant efforts were made to update the Catchment Ranking Table based on new information gathered.

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

##### 2.1 Dry Weather Screening and Sampling Data from Outfalls and Interconnections

Provide sample data for outfalls where flow is observed. Only include Pollutant of concern data for outfalls that discharge into stormwater impaired waterbodies.

**Table 2.1a – Non-Impaired Waterbody Samples**

Outfall ID	Sample Date	Latitude	Longitude	Ammonia (mg/L)	Chlorine+ (mg/L)	Conductivity (umhos/cm)	Salinity (g/kg)	Temp (oC)	MBAs (mg/L)	E. Coli (col/100ml)	Lab	Investigation Required
6900-00-4-R11-011	5/13/2021	41.53907117	-73.05696619	0	0.02	230	0.0963	16	0.07	121	Phoenix	NO
6900-00-4-R11-019	7/25/2019	41.55136415	-73.0648494	0.12	0.1	192	0.09	20.97	<0.05	52	Phoenix	NO
6900-00-4-R11-023	7/25/2019	41.56552147	-73.06471014	<0.05	0.3	256	0.12	18.89	0.14	14100	Phoenix	NO
6900-00-4-R11-028	7/25/2019	41.56664992	-73.06915994	<0.05	0.2	347	0.17	18.23	<0.05	95	Phoenix	NO
6900-00-4-R11-053	7/26/2019	41.54205794	-73.06256538	0.19	0.1	285	0.14	20.69	<0.05	728	Phoenix	NO
6900-00-4-R11-064	7/26/2019	41.54228891	-73.05966338	0.1	0.1	204	0.1	19.37	0.07	146	Phoenix	NO

<sup>1</sup> See Attachment provided at the end of this report.

Outfall ID	Sample Date	Latitude	Longitude	Ammonia (mg/L)	Chlorine+ (mg/L)	Conductivity (umhos/cm)	Salinity (g/kg)	Temp (oC)	MBAs (mg/L)	E. Coli (col/100ml)	Lab	Investigation Required
6900-00-4-R15-002	5/7/2021	41.51465549	- 73.05921074	0	0	451	0.213	14.5	0.05	31	Phoenix	NO
6900-00-4-R15-009	5/7/2021	41.51948513	- 73.05546567	0	0	273	0.131	14	0.02	1310	Phoenix	NO
6900-22-1-L1-006	5/7/2021	41.59539901	- 73.02628189	0.5	0.05	226	0.111	16.4	0.03	41	Phoenix	NO
6900-22-1-L1-009	8/6/2019	41.6003621	- 73.02227441	0.13	0	230	0.11	18.9	<0.05	<10	Phoenix	NO
6900-22-1-L1-010	8/6/2019	41.60035813	- 73.02228027	0.09	0.3	187	0.09	19.3	<0.05	<10	Phoenix	NO
6900-22-1-L1-012	12/14/2018	41.5960216	- 73.02057619	<0.05	0	159.6	0.08	8.9	<0.05	327	Phoenix	NO
6900-22-1-L3-002	5/12/2021	41.57398435	- 73.01996766	0	0	434	0.211	9.6	0.45	10	Phoenix	NO
6900-22-1-L4-004	5/12/2021	41.57716591	- 73.02523769	0	0.01	251	0.121	10.6	0.3	<10	Phoenix	NO
6900-22-1-L5-001	6/2/2021	41.57312425	- 73.04115173	0	0.01	309	0.17	17.11	0.08	20	Phoenix	NO
6900-23-1-001	8/2/2019	41.52602783	- 73.01952163	0.18	0.3	291	0.14	20.3	0.06	146	Phoenix	NO
6900-23-1-002	8/2/2019	41.52733245	- 73.02799194	0.12	0	254	0.12	19.3	<0.05	109	Phoenix	NO
6900-23-1-003	5/12/2021	41.52473163	- 73.03398882	0	0.04	267	0.128	13.4	0.25	41	Phoenix	NO
6900-23-1-006	5/13/2021	41.52942386	- 73.01912187	0	0.02	234	0.111	16.5	0.04	573	Phoenix	NO
6900-23-1-L1-001	8/2/2019	41.51984143	- 73.02007676	0.08	0.3	354	0.17	21.28	<0.05	1470	Phoenix	NO
6900-23-1-L1-002	5/12/2021	41.52235418	- 73.02055292	0	0	337	0.162	15.3	0.25	4350	Phoenix	NO
6900-23-1-L2-001	8/2/2019	41.52258785	-73.0215806	0.16	0.1	255	0.12	21.6	<0.05	96	Phoenix	NO
6900-23-1-L3-002	8/2/2019	41.53141817	- 73.02450589	<0.05	0.5	145	0.07	21.54	<0.05	<10	Phoenix	NO

Outfall ID	Sample Date	Latitude	Longitude	Ammonia (mg/L)	Chlorine+ (mg/L)	Conductivity (umhos/cm)	Salinity (g/kg)	Temp (oC)	MBAs (mg/L)	E. Coli (col/100ml)	Lab	Investigation Required
6900-23-1-L3-014	8/2/2019	41.53031035	- 73.02348027	<0.05	0.1	205	0.1	16.9	<0.05	<10	Phoenix	NO
6900-24-1-004	9/10/2019	41.52854185	- 73.05144411	0.07	0	338.3	0.1	19.4	0.07	<10	Phoenix	NO
6900-24-1-005	12/14/2018	41.5292205	- 73.05579663	<0.05	0	365.2	0.17	4.7	<0.05	1240	Phoenix	NO
6900-24-1-009	12/14/2018	41.53210568	- 73.05864016	<0.05	0	204.3	0.1	6.8	<0.05	110	Phoenix	NO
6911-00-3-L8-012	6/2/2021	41.59505585	- 73.03833539	0	0	233	0.13	16.97	0.06	10	Phoenix	NO
6911-00-3-R1-002	7/31/2019	41.58683112	- 73.02836748	<0.05	0.1	380	0.18	20.2	<0.05	146	Phoenix	NO
6911-00-3-R1-006	7/31/2019	41.58530404	- 73.04420888	<0.05	0	443	0.21	20.71	<0.05	631	Phoenix	NO
6911-00-3-R1-007	7/26/2019	41.58502552	- 73.04256851	<0.05	0	300	0.14	21.57	<0.05	676	Phoenix	NO
6911-00-3-R1-023	7/31/2019	41.58919466	- 73.03382748	0.43	0	450	0.22	22.28	<0.05	<10	Phoenix	NO
6911-00-3-R1-027	5/12/2021	41.58378265	- 73.03544462	0	0	193	0.0933	8.1	0.25	<10	Phoenix	NO
6911-00-3-R1-029	7/26/2019	41.58775604	- 73.04216454	<0.05	0.1	390	0.19	20.71	<0.05	52	Phoenix	NO
6911-00-3-R1-032	7/26/2019	41.58785315	- 73.04125858	<0.05	0	396	0.19	18.61	<0.05	75	Phoenix	NO
6911-00-3-R1-036	7/26/2019	41.58782424	- 73.03984884	<0.05	0	374	0.18	19.53	0.13	<10	Phoenix	NO
6912-00-3-R1-001	5/7/2021	41.57580301	- 73.07860165	0.25	0.05	375	0.18	15.9	0.09	20	Phoenix	NO
6912-00-3-R1-006a	11/29/2018	41.58007587	- 73.06997208	<0.10	0	328	0.24	6.9	<0.05	30	CET	NO
6912-00-3-R1-009	12/6/2018	41.57170704	- 73.07070301	<0.05	0	307	0.15	5.34	<0.05	<10	Phoenix	NO
6912-00-3-R1-011	11/12/2018	41.58341671	- 73.06874188	<0.10	0	357	0.17	1.1	<0.05	770.1	CET	NO

Outfall ID	Sample Date	Latitude	Longitude	Ammonia (mg/L)	Chlorine+ (mg/L)	Conductivity (umhos/cm)	Salinity (g/kg)	Temp (oC)	MBAs (mg/L)	E. Coli (col/100ml)	Lab	Investigation Required
6912-00-3-R1-012	12/6/2018	41.57086136	-73.07603681	<0.05	0	213	0.1	6.6	<0.05	199	Phoenix	NO
6912-00-3-R1-017	12/6/2018	41.57081123	-73.08369894	0.29	0	369	0.18	8.06	0.34	>24,200	Phoenix	NO
6912-00-3-R1-019	5/13/2021	41.57080054	-73.08198778	0	0.04	319	0.151	18.8	0.08	5790	Phoenix	NO
6912-00-3-R1-024	7/26/2019	41.56921827	-73.08383201	0.05	0	207	0.1	19.99	<0.05	1020	Phoenix	NO
6912-00-3-R1-025	12/6/2018	41.5692567	-73.08338924	0.07	0	356	0.17	8.51	<0.05	30	Phoenix	NO
6912-00-3-R1-035	6/16/2021	41.57134095	-73.07919875	0.25	0.01	226	0.1	16.1	0.1	594	Phoenix	NO
6912-00-3-R1-042	7/26/2019	41.57765616	-73.0608067	<0.05	0.1	466	0.22	20.26	<0.05	728	Phoenix	NO
6913-00-2-R1-001	8/6/2019	41.5397235	-72.99864445	<0.05	0.1	618	0.3	20.46	<0.05	<10	Phoenix	NO
6913-00-2-R1-018	8/6/2019	41.54645307	-72.99091835	<0.05	0.1	350	0.17	19.5	<0.05	<10	Phoenix	NO
6913-00-2-R2-001	8/27/2019	41.53780807	-73.00237038	0.1	0.1	431	0.23	19.29	<0.05	31	Phoenix	NO
6913-01-1-008	5/24/2021	41.5353224	-72.97544502	0	0.01	221	0.11	13.6	0.12	41	Phoenix	NO
6913-02-1-012	8/27/2019	41.53313508	-72.98787735	0.29	0.3	231	0.12	18.94	<0.05	<10	Phoenix	NO
6913-02-1-018	8/27/2019	41.53835687	-73.00059754	<0.05	0.2	382	0.21	18.95	<0.05	213	Phoenix	NO
6913-02-1-020	8/27/2019	41.53404526	-72.98958421	0.2	0	252	0.13	20.42	<0.05	583	Phoenix	NO
6913-02-1-021	8/27/2019	41.53513836	-72.99138385	0.25	0	228	0.12	18.47	<0.05	41	Phoenix	NO
6913-02-1-022	8/27/2019	41.53512307	-72.99141171	0.07	0	239	0.13	18.7	<0.05	41	Phoenix	NO
6913-03-1-001a	9/10/2019	41.530584	-73.005287	0.1	0	277.6	0.09	17.6	<0.05	288	Phoenix	NO

Outfall ID	Sample Date	Latitude	Longitude	Ammonia (mg/L)	Chlorine+ (mg/L)	Conductivity (umhos/cm)	Salinity (g/kg)	Temp (oC)	MBAs (mg/L)	E. Coli (col/100ml)	Lab	Investigation Required
6913-03-1-003	9/10/2019	41.53220621	-73.01067059	0.05	0.1	435.3	0.11	18	<0.05	<10	Phoenix	NO
6914-00-3-L3-017	12/12/2018	41.55526569	-72.99444236	<0.05	0	210.5	0.1	10.1	<0.05	<10	Phoenix	NO
6914-08-1-002	7/31/2018	41.55280129	-72.97384241	1.3	0	469	0.4	19	<0.05	>2419.6	CET	NO
6914-11-1-001	7/31/2018	41.55950072	-73.01777058	<0.10	0	399.3	0.2	20.1	<0.05	24.7	CET	NO
6914-11-1-002**	7/31/2018	41.542196	-73.017226	<0.10	0.6	181.6	0.1	20	<0.05	<1	CET	NO
6914-11-1-003	7/31/2018	41.54395001	-73.01726442	0.22	0	676	0.4	21	<0.05	727	CET	NO
6914-11-1-004	7/31/2018	41.55687042	-73.01787052	<0.10	0	491.5	0.3	20	<0.05	65	CET	NO
6916-00-3-L4-003	9/10/2019	41.52247744	-73.0636366	0.12	0	401.3	0.1	19.6	0.07	10	Phoenix	NO
6916-00-3-L4-005	9/10/2019	41.51859708	-73.06429242	0.09	0.1	400.6	0.14	18.2	0.1	52	Phoenix	NO
6916-10-1-L1-001	9/26/2019	41.565738	-73.093209	0.1	0.1	578	0.28	19.2	<0.05	<10	Phoenix	NO
6916-11-1-003	5/7/2021	41.52606705	-73.06880829	0	0	143	0.0683	14.8	0.04	<10	Phoenix	NO
6916-11-1-004	5/7/2021	41.52462026	-73.07128065	0	0	541	0.241	16.9	0.1	<10	Phoenix	NO
6916-11-1-L1-003	9/26/2019	41.53757361	-73.06707531	0.14	0	232	0.11	16.39	<0.05	17300	Phoenix	NO
6916-11-1-L1-010 MH	9/26/2019	41.536431	-73.072049	0.16	0.1	202	0.1	16.84	<0.05	41	Phoenix	NO
6916-11-1-L1-011 MH	9/26/2019	41.538081	-73.074238	0.05	0	271	0.13	19.84	<0.05	10	Phoenix	NO

Outfall ID	Sample Date	Latitude	Longitude	Ammonia (mg/L)	Chlorine+ (mg/L)	Conductivity (umhos/cm)	Salinity (g/kg)	Temp (oC)	MBAs (mg/L)	E. Coli (col/100ml)	Lab	Investigation Required
6916-11-1-L1-012	5/12/2021	41.53811416	-73.07422873	0.25	0.01	602	0.28	16.5	0.25	<10	Phoenix	NO
<p>*When the City performed GPS field locating of "ends of pipes" during the previous permit period, information such as observable flow, appearance, smell, in addition to other outfall characteristics/ dimensions, was recorded. Historical weather data was verified that it was dry in the 24-hour period prior to this screening. Outfalls with no observable flow and no evidence of an illicit discharge, were considered to have had dry weather outfall screening and the date was recorded in current outfall inventory/ sampling tables.</p> <p>**The sample from 6914-11-1-02 for E. coli analysis was in an unpreserved jar. Since the sample had chlorine detected, the E. coli result may not be accurate. Outfall will be scheduled for follow-up investigation.</p> <p>+Potential inaccuracies of 2019 chlorine data may be present due to field kit equipment malfunction/ issues</p>												

**Table 2.1b – Impaired Waterbody Samples**

Outfall ID	Sample Date	Latitude	Longitude	Outfall Turbidity (NTU)	Upstream Turbidity (NTU)	E. Coli (col/100ml)	Phosphorus (mg/L)	Lab	Investigation Required
6900-00-4-R11-033	6/16/2021	41.55437306	-73.05398877	2.47	6.12	24200	N/A	Phoenix	YES
6900-00-4-R11-036	7/15/2019	41.55691502	-73.05465891			>24200	N/A	Phoenix	YES
6900-00-4-R11-037	7/25/2019	41.55689961	-73.05465345			282	N/A	Phoenix	NO
6900-00-4-R11-038	6/16/2021	41.55275792	-73.05242612	6.54	7.2	86	N/A	Phoenix	NO
6900-00-4-R11-057	7/25/2019	41.5584003	-73.05545406			>24200	N/A	Phoenix	YES
6900-00-4-R12-001	7/11/2019	41.54697973	-73.04234587			14100	N/A	Phoenix	YES
6900-00-4-R12-005*	7/11/2019	41.54675611	-73.04335821	0.34	0.1	<10	N/A	Phoenix	NO
6900-00-4-R13-003*	12/19/2018	41.53430266	-73.03682441	1.66	2.1	>24200	N/A	Phoenix	YES

Outfall ID	Sample Date	Latitude	Longitude	Outfall Turbidity (NTU)	Upstream Turbidity (NTU)	E. Coli (col/100ml)	Phosphorus (mg/L)	Lab	Investigation Required
6900-00-4-R13-004	12/19/2018	41.53437301	-73.03679644			<10	N/A	Phoenix	NO
6900-00-4-R13-005*	12/19/2018	41.52985106	-73.04029498	0	0	<10	N/A	Phoenix	NO
6900-00-4-R13-006*	12/19/2018	41.52767866	-73.04096199	0	0	<10	N/A	Phoenix	NO
6900-00-4-R13-007	12/19/2018	41.53970725	-73.03926618			2990	N/A	Phoenix	YES
6900-00-4-R13-014	12/19/2018	41.52912773	-73.03976614			<10	N/A	Phoenix	NO
6900-00-4-R13-018	12/19/2018	41.53539986	-73.03643474			<10	N/A	Phoenix	NO
6900-00-4-R13-022*	7/25/2019	41.53796668	-73.03600581	0	0	10	N/A	Phoenix	NO
6900-00-4-R13-025	12/19/2018	41.5386475	-73.03690464			31	N/A	Phoenix	NO
6900-00-4-R14-003	12/14/2018	41.51923278	-73.04745085			110		Phoenix	NO
6900-00-4-R15-007*	7/11/2019	41.51862726	-73.05346125	0.06	0.44	<10		Phoenix	NO
6900-22-1-L4-002	7/11/2019	41.56794279	-73.02527139	N/A	N/A	31	N/A	Phoenix	NO
6911-00-3-R1-020	7/31/2019	41.58831916	-73.05024403			N/A	N/A	Phoenix	NO
6912-00-3-R1-004	11/29/2018	41.58387711	-73.07439077			75	N/A	CET	NO
6912-00-3-R1-006	11/29/2018	41.57922677	-73.0692696	N/A	N/A	988	N/A	CET	YES
6912-00-3-R1-013	11/12/2018	41.57860303	-73.06902037	N/A	N/A	107.6	N/A	CET	NO
6912-00-3-R1-037	11/29/2018	41.57506669	-73.06219199	N/A	N/A	<10	N/A	CET	NO
6914-00-3-L4-006	12/12/2018	41.5436827	-73.00899774			108	N/A	Phoenix	NO
6914-00-3-R3-003	7/11/2019	41.55277966	-73.02788861			>24200	N/A	Phoenix	YES
6914-00-3-R3-004	12/12/2018	41.55229679	-73.02622171			52	N/A	Phoenix	NO

Outfall ID	Sample Date	Latitude	Longitude	Outfall Turbidity (NTU)	Upstream Turbidity (NTU)	E. Coli (col/100ml)	Phosphorus (mg/L)	Lab	Investigation Required
6914-00-3-R3-006	12/12/2018	41.54933555	-73.03510921			<10	N/A	Phoenix	NO
6914-00-3-R3-011	12/12/2018	41.54699169	-73.03537122			10	N/A	Phoenix	NO
6914-00-3-L3-003	7/11/2019	41.5654933	-73.00164108			1110	N/A	Phoenix	YES
6914-00-3-L3-004	12/11/2018	41.5678268	-72.99981234			<10	N/A	Phoenix	NO
6914-00-3-L3-007	12/11/2018	41.55173256	-73.0024937			20	N/A	Phoenix	NO
6914-00-3-L3-008	12/11/2018	41.55173449	-73.00249202			10	N/A	Phoenix	NO
<b>Notes:</b> N/A - N/A * = These outfalls were resampled for turbidity only on 6/16/23									

## 2.2 Wet Weather Sample and Inspection Data

Provide sample data for outfalls and key junction manholes of any catchment area with at least one System Vulnerability Factor.

Outfall/ Interconnection ID	Sample date	Ammonia	Chlorine	Conductivity	Salinity	E. coli or Enterococcus	Surfactants	Water Temp	Pollutant of concern
It is anticipated that this will be initiated during 2025									

### 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 SVFs were identified. An example is provided below.

Outfall ID	Receiving Water	System Vulnerability Factors
It is anticipated that this will be initiated during 2025.		

Where SVFs are:

1. History of SSOs, including, but not limited to, those resulting from wet weather, high water table, or fat/ oil/ grease blockages.
2. Sewer pump/ lift stations, siphons, or known sanitary sewer restrictions where power/ equipment failures or blockages could readily result in SSOs.
3. Inadequate sanitary sewer level of service (LOS) resulting in regular surcharging, customer back-ups, or frequent customer complaints.
4. Common or twin-invert manholes serving storm and sanitary sewer alignments.
5. Common trench construction serving both storm and sanitary sewer alignments.
6. Crossings of storm and sanitary sewer alignments.
7. Sanitary sewer alignments known or suspected to have been constructed with an underdrain system.
8. Sanitary sewer infrastructure defects such as leaking service laterals, cracked, broken, or offset sanitary infrastructure, directly piped connections between storm drain and sanitary sewer infrastructure, or other vulnerability factors identified through Inflow/ Infiltration Analyses, Sanitary Sewer Evaluation Surveys, or other infrastructure investigations.
9. Areas formerly served by combined sewer systems.

10. Any sanitary sewer and storm drain infrastructure greater than 40 years old in medium and densely developed areas.
11. Widespread code-required septic system upgrades required at property transfers (indicative of inadequate soils, water table separation, or other physical constraints of the area rather than poor owner maintenance).
12. History of multiple local health department or sanitarian actions addressing widespread septic system failures (indicative of inadequate soils, water table separation, or other physical constraints of the area rather than poor owner maintenance).

### 3.2 Key Junction Manhole Dry Weather Screening and Sampling Data

Key Junction Manhole ID	Screening/ Sample date	Visual/ olfactory evidence of illicit discharge	Parameter	Results	Laboratory
Fairfield Ave – MH 1	3/1/2022		Metals	Copper – 0.008 mg/L Nickel – 0.012 mg/L Lead – 0.005 mg/L Zinc – 0.094 mg/L	Phoenix
			PAHs	Phenanthrene – 0.06 ug/L	
			ETPH	<0.067 mg/L	
			VOCs	ND	
Fairfield Ave – MH 2	3/1/2022		Metals	Copper – 0.006 mg/L Nickel – 0.002 mg/L Lead – <0.002 mg/L Zinc – 0.085 mg/L	Phoenix
			PAHs	Benzo(a)anthracene – 0.06 ug/L Benzo(k)fluoranthene – 0.08 ug/L	
			ETPH	<0.066 mg/L	
			VOCs	ND	
Fairfield Ave – MH 3	3/1/2022	No	N/A	No discharge noted	N/A

3.3 Wet Weather Follow-Up Investigation Outfall Sampling Data

Outfall ID	Sample date	Ammonia	Chlorine	Surfactants
It is anticipated that this will be initiated during 2025.				

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
It is anticipated that this will be initiated during 2025.							

**PART IV: CERTIFICATION**

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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**

_____ Signature	_____ Date
_____ Print Name	
_____ Email	

**Document Prepared By**

_____ Signature	_____ Date
_____ Print Name	
_____ Email	



# ATTACHMENT

## Part III.1. Priority Ranking of Catchment Data

Part III.1. Priority Ranking of Catchment Data

Town of Waterbury  
2021 Annual MS4 Report  
Permit No. GSM000094  
HRP# WAT4054EE

Catchment ID	Receiving Water	Wet Sampling Results Indicate Likely Illicit Discharge? <sup>1</sup>	Dry Screening Results Indicate Likely Illicit Discharge? <sup>1a</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	Sample Score	Total Score	Priority Ranking
New Catchment ID	Information Source	Catchment inspections and sample results	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 Stormwater system Maps	Other			
	See Note	Score is determined using an extrapolated formula based on the results		Yes = 3 No = 0	Frequent = 3 Occasional = 2 None = 0	Poor = 3 Fair = 2 Good = 0	High = 3 Medium = 2 Low = 1	High = 3 Medium = 2 Low = 1	Yes = 3 No = 0	Yes = 3 No = 0	Yes = 3 No = 0	TBD			
6914-00-3-L4-015	Mad River (Waterbury)-03a	46	0	0		3	1	3			0		46	53	1
6914-00-3-L3-010	Mad River (Waterbury)-03a	17	0	0		3	3	3			0		17	26	2
6914-00-3-L4-004	Mad River (Waterbury)-03a	12	0	3		3	2	3			0		12	23	3
6900-00-4-R11-033	Naugatuck River-03		15	0		3	1	3			0		15	22	4
6900-00-4-R11-057	Naugatuck River-03		12	0		3	3	3			0		12	21	5
6900-00-4-R11-036	Naugatuck River-03		13	0		3	1	3			0		13	20	6
6900-00-4-R13-003	Naugatuck River-03		12	0		3	1	3			0		12	19	7
6914-00-3-L3-021a	Mad River (Waterbury)-03a	12	0	0		3	1	3			0		12	19	8
6914-00-3-R3-013	Mad River (Waterbury)-01	9	0	0		3	3	3			0		9	18	9
6914-00-3-L4-013	Mad River (Waterbury)-03a	11	0	0		3	1	3			0		11	18	10
6914-00-3-R3-003	Mad River (Waterbury)-01		10	0		3	1	3			0		10	17	11
6900-22-1-L4-002	Great Brook (Waterbury)-01		0	3		3	1	3		3	3		0	16	12
6914-00-3-L3-011	Mad River (Waterbury)-03a	9	0	0		3	1	3			0		9	16	13
6900-00-4-R12-001	Naugatuck River-03		7	0		3	2	3			0		7	15	14
6916-11-1-L1-003	Hop Brook Basin		8	3		0	1	3			0		8	15	15
6914-08-1-002	Mad River Basin		11	0		0	1	3			0		11	15	16
6912-00-3-R1-017	Steele Brook Basin		11	0		0	1	2			0		11	14	17
6900-22-1-002	Great Brook (Waterbury)-01		0	3		3	1	3			3		0	13	18
6914-00-3-L4-012	Mad River (Waterbury)-03a	6	0	0		3	1	3			0		6	13	19
6900-00-4-R11-008	Great Brook (Waterbury)-01		0	0		3	3	3			3		0	12	20
6912-00-3-R1-006	Steele Brook-02		2	3		3	1	3			0		2	12	21
6914-00-3-L3-003	Mad River (Waterbury)-03a		2	0		3	1	3		3	0		2	12	22
6900-00-4-R13-007	Naugatuck River-03		3	0		3	3	3			0		3	12	23
6900-00-4-R11-053	Naugatuck River Basin		4	3		0	2	3			0		4	12	24
6914-00-3-R3-004	Mad River (Waterbury)-01	5	0	0		3	1	3			0		5	12	25
6900-00-4-R11-023	Naugatuck River Basin		8	0		0	1	3			0		8	12	26
6912-00-3-R1-010	Steele Brook-01		0	3		3	2	3			0		0	11	27
6912-00-3-R1-014	Steele Brook-01		0	3		3	2	3			0		0	11	28
6914-00-3-L4-005	Mad River (Waterbury)-03a		0	3		3	2	3			0		0	11	29
6914-00-3-L4-009	Mad River (Waterbury)-03a		0	3		3	2	3			0		0	11	30
6911-00-3-R1-020	Hancock Brook (Waterbury)-01		2	3		2	1	3			0		2	11	31
6900-00-4-R12-005	Naugatuck River-03		3	0		3	2	3			0		3	11	32
6911-00-3-R1-017	Hancock Brook (Waterbury)-01		0	0		2	2	3		3	0		0	10	33
6912-00-3-R1-013	Steele Brook-01		0	3		3	1	3			0		0	10	34
6912-00-3-R1-027	Steele Brook-01		0	3		3	1	3			0		0	10	35
6914-00-3-L3-002a	Mad River (Waterbury)-03a		0	0		3	1	3		3	0		0	10	36
6914-00-3-L4-006	Mad River (Waterbury)-03a		0	3		3	1	3			0		0	10	37
6914-00-3-L4-007	Mad River (Waterbury)-03a		0	3		3	1	3			0		0	10	38
6914-00-3-L4-008	Mad River (Waterbury)-03a		0	3		3	1	3			0		0	10	39
6914-00-3-R3-008	Mad River (Waterbury)-01		0	3		3	1	3			0		0	10	40
6900-00-4-R11-038	Naugatuck River-03		3	0		3	1	3			0		3	10	41
6900-22-1-L1-006	Naugatuck River Basin		3	3		0	1	3			0		3	10	42
6914-11-1-002**	Mad River Basin		3	3		0	1	3			0		3	10	43
6914-11-1-003	Mad River Basin		3	3		0	1	3			0		3	10	44
6916-11-1-L1-010 MH	Hop Brook Basin		3	3		0	1	3			0		3	10	45
6900-00-4-R10-006	Naugatuck River-04		0	0		3	3	3			0		0	9	46
6900-00-4-R10-007	Naugatuck River-04		0	0		3	3	3			0		0	9	47
6900-00-4-R11-007	Naugatuck River-03		0	0		3	3	3			0		0	9	48
6900-00-4-R11-066	Naugatuck River-03		0	0		3	3	3			0		0	9	49
6900-00-4-R12-004	Naugatuck River-03		0	0		3	3	3			0		0	9	50
6911-00-3-R1-019	Hancock Brook (Waterbury)-01		0	3		2	1	3			0		0	9	51
6911-00-3-R1-021	Hancock Brook (Waterbury)-01		0	3		2	1	3			0		0	9	52
6911-00-3-R1-022	Hancock Brook (Waterbury)-01		0	3		2	1	3			0		0	9	53
6912-00-3-R1-037	Steele Brook-01		0	0		3	3	3			0		0	9	54
6914-00-3-L3-007	Mad River (Waterbury)-03a		1	0		3	2	3			0		1	9	55
6912-00-3-R1-042	Steele Brook Basin		3	0		0	3	3			0		3	9	56
6900-00-4-R11-001	Naugatuck River-03		0	0		3	2	3			0		0	8	57
6900-00-4-R11-030	Naugatuck River Basin		0	3		0	2	3			0		0	8	58
6900-00-4-R11-045	Naugatuck River-03		0	0		3	2	3			0		0	8	59
6900-00-4-R11-059	Naugatuck River-03		0	0		3	2	3			0		0	8	60
6900-00-4-R11-060	Naugatuck River-03		0	0		3	2	3			0		0	8	61
6900-00-4-R12-002	Naugatuck River-03		0	0		3	2	3			0		0	8	62
6900-00-4-R12-003	Naugatuck River-03		0	0		3	2	3			0		0	8	63
6900-00-4-R13-001	Naugatuck River-03		0	0		3	2	3			0		0	8	64
6900-00-4-R13-006	Naugatuck River-03		0	0		3	2	3			0		0	8	65
6900-00-4-R13-013	Naugatuck River-03		0	0		3	2	3			0		0	8	66
6900-00-4-R13-021	Naugatuck River-03		0	0		3	2	3			0		0	8	67
6900-00-4-R15-007	Naugatuck River (Seymour/Waterbury)-02		0	0		3	2	3			0		0	8	68
6900-00-4-R9-036	Naugatuck River-04		0	0		3	2	3			0		0	8	69
6900-00-4-R9-037	Naugatuck River-04		0	0		3	2	3			0		0	8	70
6900-00-4-R9-038	Naugatuck River-04		0	0		3	2	3			0		0	8	71
6900-00-4-R9-039	Naugatuck River-04		0	0		3	2	3			0		0	8	72
6900-22-1-003	Great Brook (Waterbury)-01		0	0		3	2	3			0		0	8	73
6912-00-3-R1-004	Steele Brook-02		0	0		3	2	3			0		0	8	74
6914-00-3-L3-008	Mad River (Waterbury)-03a		0	0		3	2	3			0		0	8	75
6914-00-3-R3-010	Mad River (Waterbury)-01		0	0		3	2	3			0		0	8	76
6916-11-1-L1-007	Hop Brook Basin		0	3		0	2	3			0		0	8	77
6916-11-1-L1-018	Hop Brook Basin		0	3		0	2	3			0		0	8	78
6900-00-4-R11-064	Naugatuck River Basin		1	3		0	1	3			0		1	8	79
6900-00-4-R13-022	Naugatuck River-03		1	0		3	1	3			0		1	8	80
6900-22-1-L4-004	Naugatuck River Basin		1	3		0	1	3			0		1	8	81
6913-02-1-018	Beaver Brook Pond Basin		2	0		0	3	3			0		2	8	82
6913-02-1-012	Beaver Brook Pond Basin		4	0		0	1	3			0		4	8	83
6900-00-4-R10-001	Naugatuck River-03		0	0		3	1	3			0		0	7	84
6900-00-4-R11-005	Naugatuck River-03		0	0		3	1	3			0		0	7	85
6900-00-4-R11-011	Naugatuck River Basin		0	3		0	1	3			0		0	7	86
6900-00-4-R11-013	Naugatuck River-03		0	0		3	1	3			0		0	7	87
6900-00-4-R11-014	Naugatuck River-03		0	0		3	1	3			0		0	7	88
6900-00-4-R11-015	Naugatuck River-03		0	0		3	1	3			0		0	7	89
6900-00-4-R11-016	Naugatuck River-03		0	0		3	1	3			0		0	7	90
6900-00-4-R11-017	Naugatuck River-03		0	0		3	1	3			0		0	7	91
6900-00-4-R11-018	Naugatuck River-03		0	0		3	1	3			0		0	7	92
6900-00-4-R11-034	Naugatuck River-03		0	0		3	1	3			0		0	7	93
6900-00-4-R11-035	Naugatuck River-03		0	0		3	1	3			0		0	7	94
6900-00-4-R11-037	Naugatuck River-03		0	0		3	1	3			0		0	7	95
6900-00-4-R11-040	Naugatuck River-03		0	0		3	1	3			0		0	7	96
6900-00-4-R11-041	Naugatuck River-03		0	0		3	1	3			0		0	7	97
6900-00-4-R11-042	Naugatuck River-03		0	0		3	1	3			0		0	7	98
6900-00-4-R11-043	Naugatuck River-03		0	0		3	1	3			0		0	7	99
6900-00-4-R11-044	Naugatuck River-03		0	0		3	1	3			0		0	7	100
6900-00-4-R11-046	Naugatuck River Basin		0	3		0	1	3			0		0	7	101
6900-00-4-R11-058	Naugatuck River-03		0	0		3	1	3			0		0	7	102
6900-00-4-R11-061	Naugatuck River Basin		0	3		0	1	3			0		0	7	103
6900-00-4-R11-062	Naugatuck River Basin														

Part III.1. Priority Ranking of Catchment Data

Town of Waterbury  
2021 Annual MS4 Report  
Permit No. GSM000094  
HRP# WAT4054EE

Catchment ID	Receiving Water	Wet Sampling Results Indicate Likely Illicit Discharge? <sup>1</sup>	Dry Screening Results Indicate Likely Illicit Discharge? <sup>1a</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	Sample Score	Total Score	Priority Ranking
New Catchment ID	Information Source	Catchment inspections and sample results	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 Stormwater system Maps	Other			
	See Note	Score is determined using an extrapolated formula based on the results		Yes = 3 No = 0	Frequent = 3 Occasional = 2 None = 0	Poor = 3 Fair = 2 Good = 0	High = 3 Medium = 2 Low = 1	High = 3 Medium = 2 Low = 1	Yes = 3 No = 0	Yes = 3 No = 0	Yes = 3 No = 0	TBD			
6900-00-4-R13-025	Naugatuck River-03		0	0		3	1	3			0		0	7	120
6900-00-4-R14-001	Naugatuck River (Seymour/Waterbury)-02		0	0		3	1	3			0		0	7	121
6900-00-4-R14-005	Naugatuck River (Seymour/Waterbury)-02		0	0		3	1	3			0		0	7	122
6900-00-4-R14-006	Naugatuck River (Seymour/Waterbury)-02		0	0		3	1	3			0		0	7	123
6900-00-4-R15-008	Naugatuck River Basin		0	3		0	1	3			0		0	7	124
6900-00-4-R9-005	Naugatuck River-04		0	0		3	1	3			0		0	7	125
6900-00-4-R9-014	Naugatuck River Basin		0	3		0	1	3			0		0	7	126
6900-22-1-L1-003	Naugatuck River Basin		0	3		0	1	3			0		0	7	127
6900-22-1-L1-007	Naugatuck River Basin		0	3		0	1	3			0		0	7	128
6900-22-1-L1-013	Naugatuck River Basin		0	3		0	1	3			0		0	7	129
6900-22-1-L5-001	Naugatuck River Basin		0	3		0	1	3			0		0	7	130
6900-22-1-L6-001	Naugatuck River Basin		0	3		0	1	3			0		0	7	131
6900-23-1-011	Naugatuck River Basin		0	3		0	1	3			0		0	7	132
6911-00-3-R1-034	Hancock Brook Basin		0	3		0	1	3			0		0	7	133
6913-03-1-L1-003	Beaver Brook Pond Basin		0	3		0	1	3			0		0	7	134
6914-00-3-L3-001	Mad River (Waterbury)-03a		0	0		3	1	3			0		0	7	135
6914-00-3-L3-002	Mad River (Waterbury)-03a		0	0		3	1	3			0		0	7	136
6914-00-3-L3-004	Mad River (Waterbury)-03a		0	0		3	1	3			0		0	7	137
6914-00-3-L3-005	Mad River (Waterbury)-03a		0	0		3	1	3			0		0	7	138
6914-00-3-L3-009	Mad River (Waterbury)-03a		0	0		3	1	3			0		0	7	139
6914-00-3-L3-012	Mad River (Waterbury)-03a		0	0		3	1	3			0		0	7	140
6914-00-3-L3-013	Mad River (Waterbury)-03a		0	0		3	1	3			0		0	7	141
6914-00-3-L3-020	Mad River Basin		0	0		0	1	3		3	0		0	7	142
6914-00-3-L3-021	Mad River (Waterbury)-03a		0	0		3	1	3			0		0	7	143
6914-00-3-L4-002	Mad River (Waterbury)-03a		0	0		3	1	3			0		0	7	144
6914-00-3-L4-014	Mad River (Waterbury)-03a		0	0		3	1	3			0		0	7	145
6914-00-3-R2-008	Mad River (Waterbury)-02		0	0		3	1	3			0		0	7	146
6914-00-3-R2-010	Mad River (Waterbury)-02		0	0		3	1	3			0		0	7	147
6914-00-3-R3-001	Mad River (Waterbury)-01		0	0		3	1	3			0		0	7	148
6914-00-3-R3-006	Mad River (Waterbury)-01		0	0		3	1	3			0		0	7	149
6914-00-3-R3-007	Mad River (Waterbury)-01		0	0		3	1	3			0		0	7	150
6914-00-3-R3-011	Mad River (Waterbury)-01		0	0		3	1	3			0		0	7	151
6914-00-3-R3-012	Mad River (Waterbury)-01		0	0		3	1	3			0		0	7	152
6914-00-3-R3-016	Mad River (Waterbury)-01		0	0		3	1	3			0		0	7	153
6914-00-3-R3-019	Mad River (Waterbury)-01		0	0		3	1	3			0		0	7	154
6914-08-1-001	Mad River Basin		0	0		0	1	3		3	0		0	7	155
6914-10-01-001	Mad River Basin		0	0		0	1	3		3	0		0	7	156
6914-11-1-001	Mad River Basin		0	0		0	1	3		3	0		0	7	157
6914-11-1-004	Mad River Basin		0	3		0	1	3			0		0	7	158
6914-11-1-005	Mad River Basin		0	3		0	1	3			0		0	7	159
6916-10-1-L1-004	Hop Brook Basin		0	0		0	1	3		3	0		0	7	160
6916-11-1-L1-001	Hop Brook Basin		0	3		0	1	3			0		0	7	161
6913-00-2-R1-001	Beaver Brook Pond Basin		1	0		0	3	3			0		1	7	162
6900-00-4-R11-019	Naugatuck River Basin		3	0		0	1	3			0		3	7	163
6900-00-4-R9-035	Naugatuck River Basin		0	0		0	3	3			0		0	6	164
6900-22-1-L1-012	Naugatuck River Basin		0	3		0	1	2			0		0	6	165
6900-22-1-L2-005	Naugatuck River Basin		0	3		0	1	2			0		0	6	166
6913-00-2-R1-005	Beaver Brook Pond Basin		0	0		0	3	3			0		0	6	167
6913-00-2-R1-006	Beaver Brook Pond Basin		0	0		0	3	3			0		0	6	168
6913-00-2-R1-007	Beaver Brook Pond Basin		0	0		0	3	3			0		0	6	169
6913-01-1-001	Beaver Brook Pond Basin		0	0		0	3	3			0		0	6	170
6913-01-1-003	Beaver Brook Pond Basin		0	0		0	3	3			0		0	6	171
6913-01-1-004	Beaver Brook Pond Basin		0	0		0	3	3			0		0	6	172
6913-01-1-005	Beaver Brook Pond Basin		0	0		0	3	3			0		0	6	173
6913-03-1-014	Beaver Brook Pond Basin		0	0		0	3	3			0		0	6	174
6914-11-1-012	Mad River Basin		0	0		0	3	3			0		0	6	175
6900-00-4-R11-028	Naugatuck River Basin		2	0		0	1	3			0		2	6	176
6900-22-1-L1-010	Naugatuck River Basin		2	0		0	1	3			0		2	6	177
6900-24-1-005	Naugatuck River Basin		2	0		0	1	3			0		2	6	178
6911-00-3-R1-023	Hancock Brook Basin		2	0		0	1	3			0		2	6	179
6912-00-3-R1-001	Steele Brook Basin		2	0		0	1	3			0		2	6	180
6912-00-3-R1-024	Steele Brook Basin		2	0		0	1	3			0		2	6	181
6913-02-1-020	Beaver Brook Pond Basin		2	0		0	1	3			0		2	6	182
6916-11-1-L1-012	Hop Brook Basin		2	0		0	1	3			0		2	6	183
6900-00-4-R11-052	Naugatuck River Basin		0	0		0	2	3			0		0	5	184
6900-00-4-R11-067	Naugatuck River Basin		0	0		0	2	3			0		0	5	185
6900-00-4-R14-002	Naugatuck River (Seymour/Waterbury)-02		0	0		3	1	1			0		0	5	186
6900-00-4-R14-003	Naugatuck River (Seymour/Waterbury)-02		0	0		3	1	1			0		0	5	187
6913-00-2-R1-011	Beaver Brook Pond Basin		0	0		0	2	3			0		0	5	188
6913-00-2-R1-019	Beaver Brook Pond Basin		0	0		0	2	3			0		0	5	189
6913-00-2-R1-020	Beaver Brook Pond Basin		0	0		0	2	3			0		0	5	190
6913-00-2-R1-031	Beaver Brook Pond Basin		0	0		0	2	3			0		0	5	191
6913-01-1-008	Beaver Brook Pond Basin		0	0		0	2	3			0		0	5	192
6913-01-1-010	Beaver Brook Pond Basin		0	0		0	2	3			0		0	5	193
6900-22-1-L1-009	Naugatuck River Basin		1	0		0	1	3			0		1	5	194
6900-22-1-L3-002	Naugatuck River Basin		1	0		0	1	3			0		1	5	195
6900-23-1-L3-014	Naugatuck River Basin		1	0		0	1	3			0		1	5	196
6911-00-3-R1-002	Hancock Brook Basin		1	0		0	1	3			0		1	5	197
6911-00-3-R1-006	Hancock Brook Basin		1	0		0	1	3			0		1	5	198
6911-00-3-R1-007	Hancock Brook Basin		1	0		0	1	3			0		1	5	199
6911-00-3-R1-027	Hancock Brook Basin		1	0		0	1	3			0		1	5	200
6911-00-3-R1-029	Hancock Brook Basin		1	0		0	1	3			0		1	5	201
6912-00-3-R1-011	Steele Brook Basin		1	0		0	1	3			0		1	5	202
6913-00-2-R1-018	Beaver Brook Pond Basin		1	0		0	1	3			0		1	5	203
6913-02-1-021	Beaver Brook Pond Basin		1	0		0	1	3			0		1	5	204
6913-03-1-003	Beaver Brook Pond Basin		1	0		0	1	3			0		1	5	205
6916-00-3-L4-003	Hop Brook Basin		1	0		0	1	3			0		1	5	206
6916-00-3-L4-005	Hop Brook Basin		1	0		0	1	3			0		1	5	207
6916-10-1-L1-001	Hop Brook Basin		1	0		0	1	3			0		1	5	208
6900-00-4-R15-009	Naugatuck River Basin		2	0		0	1	2			0		2	5	209
6900-00-4-R11-002	Naugatuck River Basin		0	0		0	1	3			0		0	4	210
6900-00-4-R11-003	Naugatuck River Basin		0	0		0	1	3			0		0	4	211
6900-00-4-R11-004	Naugatuck River Basin		0	0		0	1	3			0		0	4	212
6900-00-4-R11-006	Naugatuck River Basin		0	0		0	1	3			0		0	4	213
6900-00-4-R11-009	Naugatuck River Basin		0	0		0	1	3			0		0	4	214
6900-00-4-R11-012	Naugatuck River Basin		0	0		0	1	3			0		0	4	215
6900-00-4-R11-022	Naugatuck River Basin		0	0		0	1	3			0		0	4	216
6900-00-4-R11-029	Naugatuck River Basin		0	0		0	1	3			0		0	4	217
6900-00-4-R11-031	Naugatuck River Basin		0	0		0	1	3			0		0	4	218
6900-00-4-R11-054	Naugatuck River Basin		0	0		0	1	3			0		0	4	219
6900-00-4-R11-055	Naugatuck River Basin		0	0		0	1	3			0		0	4	220
6900-00-4-R11-056	Naugatuck River Basin		0	0		0	1	3			0		0	4	221
6900-00-4-R11-068	Naugatuck River Basin		0	0		0	1	3			0		0	4	222
6900-00-4-R11-069	Naugatuck River Basin		0	0		0	1	3			0		0	4	22

Part III.1. Priority Ranking of Catchment Data

Town of Waterbury  
2021 Annual MS4 Report  
Permit No. GSM000094  
HRP# WAT4054EE

Catchment ID	Receiving Water	Wet Sampling Results Indicate Likely Illicit Discharge? <sup>1</sup>	Dry Screening Results Indicate Likely Illicit Discharge? <sup>1a</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	Sample Score	Total Score	Priority Ranking
New Catchment ID	Information Source	Catchment inspections and sample results	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 Stormwater system Maps	Other			
	See Note	Score is determined using an extrapolated formula based on the results		Yes = 3 No = 0	Frequent = 3 Occasional = 2 None = 0	Poor = 3 Fair = 2 Good = 0	High = 3 Medium = 2 Low = 1	High = 3 Medium = 2 Low = 1	Yes = 3 No = 0	Yes = 3 No = 0	Yes = 3 No = 0	TBD			
6900-23-1-003	Naugatuck River Basin		0	0		0	1	3			0		0	4	240
6900-23-1-004	Naugatuck River Basin		0	0		0	1	3			0		0	4	241
6900-23-1-006	Naugatuck River Basin		0	0		0	1	3			0		0	4	242
6900-23-1-007	Naugatuck River Basin		0	0		0	1	3			0		0	4	243
6900-23-1-009	Naugatuck River Basin		0	0		0	1	3			0		0	4	244
6900-23-1-L1-001	Naugatuck River Basin		0	0		0	1	3			0		0	4	245
6900-23-1-L1-002	Naugatuck River Basin		0	0		0	1	3			0		0	4	246
6900-23-1-L2-004	Naugatuck River Basin		0	0		0	1	3			0		0	4	247
6900-23-1-L3-001	Naugatuck River Basin		0	0		0	1	3			0		0	4	248
6900-23-1-L3-002	Naugatuck River Basin		0	0		0	1	3			0		0	4	249
6900-23-1-L3-003	Naugatuck River Basin		0	0		0	1	3			0		0	4	250
6900-23-1-L3-007	Naugatuck River Basin		0	0		0	1	3			0		0	4	251
6900-23-1-L3-008	Naugatuck River Basin		0	0		0	1	3			0		0	4	252
6900-23-1-L3-013	Naugatuck River Basin		0	0		0	1	3			0		0	4	253
6900-23-1-L3-015	Naugatuck River Basin		0	0		0	1	3			0		0	4	254
6900-23-1-L3-016	Naugatuck River Basin		0	0		0	1	3			0		0	4	255
6900-24-1-001	Naugatuck River Basin		0	0		0	1	3			0		0	4	256
6900-24-1-004	Naugatuck River Basin		0	0		0	1	3			0		0	4	257
6900-24-1-009	Naugatuck River Basin		0	0		0	1	3			0		0	4	258
6900-24-1-010	Naugatuck River Basin		0	0		0	1	3			0		0	4	259
6911-00-3-L8-001	Hancock Brook Basin		0	0		0	1	3			0		0	4	260
6911-00-3-L8-003	Hancock Brook Basin		0	0		0	1	3			0		0	4	261
6911-00-3-L8-004	Hancock Brook Basin		0	0		0	1	3			0		0	4	262
6911-00-3-L8-005	Hancock Brook Basin		0	0		0	1	3			0		0	4	263
6911-00-3-L8-012	Hancock Brook Basin		0	0		0	1	3			0		0	4	264
6911-00-3-R1-003	Hancock Brook Basin		0	0		0	1	3			0		0	4	265
6911-00-3-R1-004	Hancock Brook Basin		0	0		0	1	3			0		0	4	266
6911-00-3-R1-010	Hancock Brook Basin		0	0		0	1	3			0		0	4	267
6911-00-3-R1-031	Hancock Brook Basin		0	0		0	1	3			0		0	4	268
6911-00-3-R1-032	Hancock Brook Basin		0	0		0	1	3			0		0	4	269
6911-00-3-R1-036	Hancock Brook Basin		0	0		0	1	3			0		0	4	270
6911-00-3-R1-037	Hancock Brook Basin		0	0		0	1	3			0		0	4	271
6912-00-3-R1-009	Steele Brook Basin		0	0		0	1	3			0		0	4	272
6912-00-3-R1-012	Steele Brook Basin		0	0		0	1	3			0		0	4	273
6912-00-3-R1-016	Steele Brook Basin		0	0		0	1	3			0		0	4	274
6912-00-3-R1-019	Steele Brook Basin		0	0		0	1	3			0		0	4	275
6912-00-3-R1-021	Steele Brook Basin		0	0		0	1	3			0		0	4	276
6912-00-3-R1-025	Steele Brook Basin		0	0		0	1	3			0		0	4	277
6913-00-1-001	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	278
6913-00-2-R1-003	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	279
6913-00-2-R1-016	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	280
6913-00-2-R1-017	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	281
6913-00-2-R1-022	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	282
6913-00-2-R1-023	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	283
6913-00-2-R1-024	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	284
6913-00-2-R1-032	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	285
6913-00-2-R1-033	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	286
6913-00-2-R1-036	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	287
6913-00-2-R1-040	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	288
6913-00-2-R1-041	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	289
6913-00-2-R1-042	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	290
6913-00-2-R1-043	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	291
6913-00-2-R1-044	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	292
6913-01-1-011	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	293
6913-02-1-001	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	294
6913-02-1-003	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	295
6913-02-1-004	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	296
6913-02-1-010	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	297
6913-02-1-011	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	298
6913-02-1-013MH	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	299
6913-02-1-015	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	300
6913-02-1-019	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	301
6913-02-1-022	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	302
6913-02-1-023	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	303
6913-02-1-025	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	304
6913-02-1-026	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	305
6913-03-1-012	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	306
6913-03-1-013	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	307
6913-03-1-L1-002	Beaver Brook Pond Basin		0	0		0	1	3			0		0	4	308
6914-00-3-L3-017	Mad River Basin		0	0		0	1	3			0		0	4	309
6914-00-3-L3-018	Mad River Basin		0	0		0	1	3			0		0	4	310
6914-00-3-L3-019	Mad River Basin		0	0		0	1	3			0		0	4	311
6914-00-3-L3-022	Mad River Basin		0	0		0	1	3			0		0	4	312
6914-00-3-L4-010	Mad River Basin		0	0		0	1	3			0		0	4	313
6914-00-3-L4-011	Mad River Basin		0	0		0	1	3			0		0	4	314
6914-00-3-R2-005	Mad River Basin		0	0		0	1	3			0		0	4	315
6914-00-3-R2-006	Mad River Basin		0	0		0	1	3			0		0	4	316
6914-08-1-003	Mad River Basin		0	0		0	1	3			0		0	4	317
6914-09-001	Mad River Basin		0	0		0	1	3			0		0	4	318
6914-11-1-006	Mad River Basin		0	0		0	1	3			0		0	4	319
6914-11-1-010	Mad River Basin		0	0		0	1	3			0		0	4	320
6916-00-3-L4-001	Hop Brook Basin		0	0		0	1	3			0		0	4	321
6916-00-3-L4-002	Hop Brook Basin		0	0		0	1	3			0		0	4	322
6916-10-1-001	Hop Brook Basin		0	0		0	1	3			0		0	4	323
6916-10-1-004	Hop Brook Basin		0	0		0	1	3			0		0	4	324
6916-10-1-005	Hop Brook Basin		0	0		0	1	3			0		0	4	325
6916-10-1-006	Hop Brook Basin		0	0		0	1	3			0		0	4	326
6916-10-1-008	Hop Brook Basin		0	0		0	1	3			0		0	4	327
6916-10-1-L1-002	Hop Brook Basin		0	0		0	1	3			0		0	4	328
6916-10-1-L1-003	Hop Brook Basin		0	0		0	1	3			0		0	4	329
6916-10-1-L1-005	Hop Brook Basin		0	0		0	1	3			0		0	4	330
6916-11-1-002	Hop Brook Basin		0	0		0	1	3			0		0	4	331
6916-11-1-003	Hop Brook Basin		0	0		0	1	3			0		0	4	332
6916-11-1-004	Hop Brook Basin		0	0		0	1	3			0		0	4	333
6916-11-1-005	Hop Brook Basin		0	0		0	1	3			0		0	4	334
6916-11-1-L1-008	Hop Brook Basin		0	0		0	1	3			0		0	4	335
6916-11-1-L1-009	Hop Brook Basin		0	0		0	1	3			0		0	4	336
6916-11-1-L1-011 MH	Hop Brook Basin		0	0		0	1	3			0		0	4	337
6916-11-1-L1-014	Hop Brook Basin		0	0		0	1	3			0		0	4	338
6916-11-1-L1-015	Hop Brook Basin		0	0		0	1	3			0		0	4	339
6916-11-1-L1-016	Hop Brook Basin		0	0		0	1	3			0		0	4	340
6916-11-1-L1-017	Hop Brook Basin		0	0		0	1	3			0		0	4	341
6916-11-1-L1-020	Hop Brook Basin		0	0		0	1	3			0		0	4	342
6913-00-2-R2-001	Beaver Brook Pond Basin		1	0		0	2	1			0		1	4	343
6900-00-4-R15-004	Naugatuck River Basin		0	0		0	1	2			0		0	3	344
6900-00-4-R15-005	Naugatuck River Basin		0	0		0	1	2			0		0	3	345
6900-22-1-L1-011	Naugatuck River Basin		0	0		0	1	2			0		0	3	346
6900-23-1-L2-001	Naugatuck River Basin		0	0		0	1								

Part III.1. Priority Ranking of Catchment Data  
Town of Waterbury  
2021 Annual MS4 Report  
Permit No. GSM000094  
HRP# WAT4054EE

Catchment ID	Receiving Water	Wet Sampling Results Indicate Likely Illicit Discharge? <sup>1</sup>	Dry Screening Results Indicate Likely Illicit Discharge? <sup>1a</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	Sample Score	Total Score	Priority Ranking
New Catchment ID	Information Source	Catchment inspections and sample results	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 Stormwater system Maps	Other			
	See Note	Score is determined using an extrapolated formula based on the results		Yes = 3 No = 0	Frequent = 3 Occasional = 2 None = 0	Poor = 3 Fair = 2 Good = 0	High = 3 Medium = 2 Low = 1	High = 3 Medium = 2 Low = 1	Yes = 3 No = 0	Yes = 3 No = 0	Yes = 3 No = 0	TBD			
6913-00-2-R2-011	Beaver Brook Pond Basin		0	0		0	2	1			0		0	3	360
6914-09-1-L1-001	Mad River Basin		0	0		0	1	2			0		0	3	361
6916-10-1-002	Hop Brook Basin		0	0		0	1	1			0		0	2	362
6916-10-1-003	Hop Brook Basin		0	0		0	1	1			0		0	2	363
6916-11-1-L1-004	Hop Brook Basin		0	0		0	1	1			0		0	2	364
6916-11-1-L1-005	Hop Brook Basin		0	0		0	1	1			0		0	2	365
6900-00-4-R11-80A	Naugatuck River Basin		0			0							0	0	366
6913-00-2-R1-013	Beaver Brook Pond Basin		0			0							0	0	367
6913-00-2-R1-014	Beaver Brook Pond Basin		0			0							0	0	368
6913-00-2-R1-015	Beaver Brook Pond Basin		0			0							0	0	369
6913-03-1-001a	Beaver Brook Pond Basin		0			0							0	0	370
6913-03-1-002a	Beaver Brook Pond Basin		0			0							0	0	371
	Impaired Waterbodies														

Scoring Criteria:

If there's no waterbody feature identified the receiving body source will be the name of the subregional basin the outfall resides in:

<sup>1</sup> Previous wet weather screening results indicate impacts to impaired waters including:  
Total Nitrogen >2.5 mg/L, Total Phosphorous >0.3 mg/L,  
E. Coli >235col/100 ml for swimming areas and >410 col/100 ml for all others or,  
Total Coliform >500 col/100 ml, or Fecal coliform >31 col/100ml for Class SA and >260 Col/100ml for Class SB, or  
Enterococci >104 col/100ml for swimming areas and >500 col/100ml for all others, or  
Turbidity at outfall is more than 5 NTU greater than the in-stream sample.

<sup>1a</sup> Previous dry weather screening results indicate likely sewer input if any of the following are true:  
Olfactory or visual evidence of sewage,  
Ammonia ≥ 0.5 mg/L, surfactants ≥ 0.25 mg/L, and bacteria levels greater than the water quality criteria applicable to the receiving water, or  
Ammonia ≥ 0.5 mg/L, surfactants ≥ 0.25 mg/L, and detectable levels of chlorine

<sup>2</sup> Catchments that discharge to or in the vicinity of any of the following areas: public beaches, recreational areas, drinking water supplies, or shellfish beds

<sup>3</sup> Receiving water quality based on latest version of State of Connecticut Integrated Water Quality Report.  
Poor = Waters with approved TMDLs (Category 4a Waters) where illicit discharges have the potential to contain the pollutant identified as the cause of the impairment  
Fair = Water quality limited waterbodies that receive a discharge from the MS4 (Category 5 Waters)  
Good = No water quality impairments

<sup>4</sup> Generating sites are institutional, municipal, commercial, or industrial sites with a potential to contribute to illicit discharges (e.g., car dealers, car washes, gas stations, garden centers, industrial manufacturing, etc.)

<sup>5</sup> Age of development and infrastructure:  
High = Industrial areas greater than 40 years old and areas where the sanitary sewer system is more than 40 years old  
Medium = Developments 20-40 years old  
Low = Developments less than 20 years old

<sup>6</sup> Areas once served by combined sewers and but have been separated, or areas once served by septic systems but have been converted to sanitary sewers.

<sup>7</sup> Aging septic systems are septic systems 30 years or older in residential areas.

<sup>8</sup> Any river or stream that is culverted for distance greater than a simple roadway crossing.