2023 ANNUAL REPORT

General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems (MS4)

Registration No. GSM000021

for

Town of Cheshire, CT 84 South Main Street Cheshire, CT 06410



Prepared By:



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MS4 General Permit Town of Cheshire 2023 Annual Report

Existing MS4 Permittee
Permit Number GSM000021

January 1, 2023 - December 31, 2023

Primary MS4 Contact: Daniel Bombero; Capital Projects Manager; (203) 271-6650; dbombero@cheshirect.org

This report documents Town of Cheshire efforts to comply with the conditions of the MS4 General Permit to the maximum extent practicable (MEP) from January 1, 2023 to December 31, 2023.

Executive Summary

Submission of this report by the Town of Cheshire maintains compliance with the reporting requirements and registration (no. GSM000021) under the General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems (MS4), submitted to the State of Connecticut Department of Energy and Environmental Protection ('CT DEEP') Commissioner for activities located within the Town of Cheshire. The Town of Cheshire certifies by this report that the terms and conditions of the General Permit are being met to the maximum extent practicable (MEP).

To date, Barton & Loguidice has completed much of the dry weather screening and sampling of the Town's existing and newly identified outfalls (693 municipally-owned). Significant updates to the Town's GIS were completed in order to verify municipal outfalls, interconnections, update mapping that was noted as incorrect during field inspections, and map drop-down catch basins (catch basins that discharge directly into a waterway with no other piping connected to the system).

In 2024, through the efforts of Barton & Loguidice, the Town will continue working toward the completion of all dry weather outfall Illicit Discharge Detection and Elimination (IDDE) screening and sampling, and wet weather impaired outfall sampling efforts for all of the municipally-owned outfalls identified in the Town to the maximum extent practicable.

Through the field investigation process, several outfalls in the MS4 system that were previously mapped were identified as incorrect and needed to be updated based on actual field conditions. Despite the slow pace of this endeavor, large questionable areas of the Town's outfall mapping were able to be resolved, missing structures added, and piping corrected to match the true conditions. Barton & Loguidice's efforts assisted in reducing the burden on the Town for mapping locations that could be resolved in the field allowing the Town to focus on other aspects of the MS4 permit. By performing this action, Barton & Loguidice located 243 new outfalls, including 138 new drop down catch basins.

Outfall Monitoring Status

During the reporting period (January 1, 2023 through December 31, 2023), significant efforts were completed for dry weather screening including screening 196 outfalls and collecting 17 samples. The 2023 dry weather screening and sampling data identified no new High Priority Outfalls requiring an investigation. To date, dry weather screening and sampling efforts have been completed at 636 town-owned outfalls with 104 outfalls being sampled during dry weather events and two of those outfalls were identified with suspected illicit discharge and were ranked at the top of the high priority category for further investigations.

In 2023, 30 outfalls discharging to impaired waters were sampled during wet weather events. To date, 38 of 44 outfalls have been sampled during wet weather events and 18 of those outfalls were identified with suspected illicit discharge and were ranked at the top of the high priority category for further investigations.

From 2021through 2023, B&L continued a wet weather investigation associated with the discharge at the South Main Street retrofit project site. The outfall at this location was initially sampled in November 2020 as part of the process for verifying a DCIA disconnection project location at the outfall. The sample collected in November 2020 had an exceedance for E. coli and was resampled for additional parameters in March 2021 to verify if the discharge from this outfall was suitable for the retrofit project. The follow-up samples collected in March 2021 indicated that the exceedance in E. coli was no longer present; however, elevated levels of surfactants were noted in the March 2021 samples. In December 2022, B&L expanded its search along South Main St. During this sample event exceedances for E. coli and surfactants were identified. In May of 2023, B&L completed additional mapping efforts of the catchment area and conducted a dry weather investigation along South Main Street. Sample results identified exceedances in chlorine, surfactants and ammonia. It is anticipated that another wet weather investigation will be conducted in 2024. The Town is still in the process of identifying the source of the pollutants and will be issuing a notification to the contributor of the pollutant once confirmed.

The Town of Cheshire will continue to conduct outfall screening and sampling efforts throughout the next reporting period (January 1, 2024 through December 31, 2024). This effort will be conducted simultaneously with the Town's MS4 mapping for stormwater outfalls.

Household Hazardous Waste and Solid Waste Outreach and Collection

The Town of Cheshire remains involved in efforts to protect groundwater and stormwater through its cooperation with RWA's Household HazWaste Central (Household Hazardous Waste Collection Center) located at 90 Sargent Drive in New Haven, by providing collection days for the public during the summer and fall of each year. In 2023, 307 Cheshire households participated in bringing hazardous materials and/or used waste oils to HazWaste Central.

During 2023, the Town hosted two collection events for town residents for electronic recycling and was able to collect 37,093 lbs. of electronics. The Town offered two collection events for mattress recycling in 2023 and collected a total of 466 mattresses during those events. Curbside yard waste and bulky waste collections were offered in 2023 and a total of 251 tons of leaves, 250 bags of grass clippings, and an estimated 675.58 tons of bulky waste materials were collected. The Town also offered scrap metals collection for residents in 2023 and was able to recover 107,630 lbs. of scrap metal.

Part I: Summary of Minimum Control Measure Activities

1. PUBLIC EDUCATION AND OUTREACH (Section 6 (a)(1) / page 19)

ВМР	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	Publications by NEMO are available through the following offices: Planning & Zoning Inland Wetlands Engineer/Public Works Chesprocott Health District	NEMO	Brochures and fliers	General Public	Maintain copies of selected NEMO and QRWA brochures in Town Hall and water quality literature in the Town Library. Rotate brochure content semiannually.	Environmental Planner	Ongoing	It is anticipated that the Town will continue to provide publication by CT-NEMO at the following offices in 2024, Planning & Zoning, Inland Wetlands, Public Works, Engineering, and Chesprocott Health District
	The Town is in the process of collecting materials to post to the Town website.	EPA / DEEP	Website	General Public	Update Town's website to include links to stormwater related sites.	Environmental Planner	Ongoing	In the spring of 2024, the Town intends to update and add education materials to the stormwater website.
	The Town anticipates continuing to assess the feasibility of submitting mailers with the tax bills in 2024.		Mailers	General Public	Assess feasibility of mailing stormwater-related education materials with tax bills. Based on the outcome of this goal, send materials with tax bills.	Town Engineer	Ongoing	In 2024 the Town intends on developing a mailer to include with mailed tax bills.

ВМР	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	In 2024, the Town anticipates having copies of "Caring for Your Septic System" for distribution in the Planning Department.		Brochures and webpage	General Public	Place copies of "Caring for Your Septic System" in the Planning Department for free distribution.	Environmental Planner	Ongoing	In the spring of 2024, the Town intends to update and add education materials to the stormwater website.
	The Town anticipates developing educational materials targeted to industries in 2024.		Mailers and webpage	Industrial facilities	Develop or identify from other source(s) education materials targeted to industries, with at least one material being targeted to agricultural uses or bedding plant growers. Mail materials to local industries.	Town Engineer with Chamber of Commerce	Ongoing	In the spring of 2024, the Town intends to update and add education materials to the stormwater website.
	The Town was not able to provided letters to dentists in 2023. The Town will continue attempting to submit mailers to dentists in 2024.		Mailers	Dentists	Send letter to local dentists to ensure compliance with mercury removal equipment.	Town Engineer	Ongoing	
1-3 Work with local organizations to promote environmental activities	Notifications of education programs offered by the Southwest Conservation District (SCD) are available at the Town Hall.	Southwest Conservation District	Brochures	General Public	Post notifications of education programs offered by the Southwest Conservation District (SCD) at the Town Hall.	Environmental Planner	Ongoing	In the spring of 2024, the Town intends to update and add education materials to the stormwater website.
	The Town provided public notice of QRWA activities in 2023.			General Public	Establish contact with QRWA and identify avenues Town staff can use to provide public notice of QRWA activities.	Environmental Planner	Ongoing	

ВМР	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
1-4 Educate municipal officials and land use commissions on proper SW management	Key MS4 staff members completed National Stormwater Center - Stormwater Permit Inspector Training in Oct-2022		In-person	Town staff	Coordinate one NEMO or Southwest Conservation District or knowledgeable technical staff to present to Town staff and land use commissions.	Town Planner	10/28/22	Certification of completion issued to Marek Kement, P.E., L.S.

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

- Maintain copies of selected NEMO and QRWA brochures in Town Hall and water quality literature in the Town Library.
- Update the Town's Stormwater webpage to include stormwater related education information.
- Attempt to continue to coordinate with local schools to promote use of educational programs offered by Whitney Water Center.
- Continue to assess feasibility of mailing stormwater-related education materials with tax bills.
- Continue to assess feasibility of having the Town's Environment Commission to coordinate the Town's public education program.
- Provide copies of "Caring for Your Septic System" in the Planning Department.
- Develop educational materials targeted to industries.
- Send letter to local dentists to ensure compliance with mercury removal equipment.
- Continue to post notifications of education programs offered by the Southwest Conservation District (SCD) at the Town Hall.
- Continue to provide public notice of QRWA activities.
- Provide proper stormwater management education to Town staff and land use commissions.

1.3 Details of activities implemented to educate the community on stormwater

Program Element/Activity	Audience (and number of people reached)	Topic(s) covered	Pollutant of Concern addressed (if applicable)	Responsible dept. or partner org.
Public Notification of Illicit Discharge and	All Sewer Users	Illicit Discharge Ordinance	All	Town Engineer and Water Pollution
Connection Stormwater Ordinance	(Information provided in Sewer Use bill mailing)			Control Authority
2023 Annual Fall Festival	General Public	General Stormwater	All	Town Environment Commission and
Stormwater Poster Boards/Kiosk		Management		Cheshire Land Trust
2023 Clean-Up Events	General Public	Environmental Clean-Up	Not Applicable	Town Environment Commission and
				Cheshire Land Trust
Environmental/Nature Kiosks on open space	General Public	Environment	Not Applicable	Town Environment Commission and
properties				Cheshire Land Trust
RWA Hazardous Waste collection	Waste disposal was collected from 307	Hazardous Waste Disposal	Not Applicable	RWA/Public Works Department
May-October 2023	households in 2023			

Program Element/Activity	Audience (and number of people reached)	Topic(s) covered	Pollutant of Concern addressed (if applicable)	Responsible dept. or partner org.
Electronic Recycling Event	General Public	Electronic Waste Disposal	Not Applicable	Public Works Department
March 18, 2023	16,483 lbs			
November 19, 2023	14,490 lbs			
	37,093 lbs in 2023			
Mattress Recycling – 2 Events in 2023	General Public	Mattress Recycling	Not Applicable	Public Works Department
	466 total mattresses collected			
Yard Waste Drop Off	General Public	Yard Waste Disposal	Not Applicable	Public Works Department
	251 tons leaves			
	250 bags grass clippings			
	248 tons in 2023			
Scrap Metal Collection	General Public	Scrap Metal Recycling	Not Applicable	Public Works Department
	107,630 lbs scrap metal recycled			
Asphalt Millings Recycling	General Public	Use of recycled millings to	Sediment	Public Works Department
		stabilize dirt parking areas		
		and driveways		
Bulk Waste Collection	675.58 tons in 2023	Public Works Department	Bulk Waste Collection	675.58 tons in 2023

2. PUBLIC INVOLVEMENT/PARTICIPATION (Section 6(a)(2) / page 21)

ВМР	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Date completed/ projected	Location Posted	Additional details
2-1 Final Stormwater Management Plan publicly available	Complete	Notice of the SMP's availability was provided in compliance with the General Permit. Notice of the SMP's availability was provided to the QRWA.	Place draft copy of plan in Town Engineer's Office on or before February 15, 2017. Provide notice to the QRWA that the draft plan is available for public comment.	Town Engineer	2017	https://www.cheshirect.org/cms/One.aspx? portalld=8580940&pageId=17504799	The Town Stormwater Management Plan is maintained for public Inspection online and at the Town Engineer/ Department of Public Works office.

ВМР	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Date completed/ projected	Location Posted	Additional details
2-2 Comply with public notice requirements for Annual Reports (annually by 2/15)	Complete	In 2023, notice was provided to the public on 1/26/23 and the draft report was available from 2/16/23 – 3/28/23.	Notify public of draft Annual Report and document comments received.	Town Engineer	Notice post 1/26/23 Draft available 2/16/23	https://www.cheshirect.org/cms/One.aspx?portalld=8580940&pageId=17504799	Public notice for the 2023 Draft Report was posted to the Record Journal on 1/31/2024. The 2023 Draft Report was availabe for review from 2/15/24 – 3/28/24

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

• Continue to provide notice of draft Annual Reports and updates to the Town's Stormwater Management Plan (SMP).

3. ILLICIT DISCHARGE DETECTION AND ELIMINATION (Section 6(a)(3) and Appendix B / page 22)

ВМР	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)	In Progress	From 2022 thru 2023, the Town's consultant, B&L, worked on creatinga draft IDDE plan and is in the process of reviewing it with the Town.	Develop written plan of IDDE program.	Town Engineer	7/1/2023	In 2024, the Town anticipates finalizing the IDDE Plan.
3-2 Develop list and maps of all MS4 stormwater outfalls in priority areas (Due 7/1/20)	Substantially Complete	In 2017-19, the Town hired a summer engineering student intern to inspect and document outfall conditions using tablet technology developed by Engineering Staff and GIS consultant. In 2020-2023, the Town, with assistance from B&L, conducted significant efforts to locate and confirm the locations of outfalls in priority areas and have located many new outfalls that were not previously identified.	Prepare GIS Map Layer of priority outfalls.	Town Engineer	12/31/22 Ongoing	The Town will continue to update its mapping as new information is gathered in 2024.

ВМР	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Date completed/ projected	Additional details
3-3 Implement citizen reporting program (Ongoing)	Complete/ Ongoing	A phone number was added to the Town's stormwater webpage for reporting illegal discharges. The Town also added MS4 categories to the existing IWorQ system.	Use IWorQ for citizen reporting.	Town Engineer	7/1/17 Ongoing	In 2024, the Town will continue to keep a phone number available on the Town's stormwater website for reporting illict discharges
3-4 Establish legal authority to prohibit illicit discharges (Due 7/1/19)	Complete	Town Council approved an Illicit Discharge and Connection Stormwater Ordinance, which became effective on 10/1/19.	Revise Sewer Regulations.	Town Engineer	9/17/19	
3-5 Develop record keeping system for IDDE tracking (Due 7/1/17)	Complete/ Ongoing	Specific fields were added to IWorQ for tracking IDDE. The Town also uses excel and access spreadsheets, along with GIS, for IDDE tracking.	Use IWorQ for IDDE tracking.	Town Engineer	7/1/18 Ongoing	
3-6 Address IDDE in areas with pollutants of concern	In Progress	While cleaning catch basins, Public Works crews are trained to note possible signs of contamination, and to keep records of any evidence of illicit discharges in addition to recording their pre-and post-cleaning measurements. Detailed digital inspection forms are now competed on IPADs, and resulting data can be queried. So far, no visible pollution has been reported in any structure during inspection or maintenance activities.	Evaluate areas with pollutants of concern for IDDE.	Town Engineer	Ongoing	
3-7 Develop detailed MS4 infrastructure mapping	In Progress	The Town has hired a consultant to assist with mapping of MS4 infrastructure and maintains a GIS database of gross particle separators, detention basins, retention basins, storm drains and outfalls. It is maintained electronically within the Town's GIS system by the Public Works & Engineering Department.	Prepare GIS Map Layers of MS4 infrastructure.	Town Engineer	12/31/21	The Town will continue to update this information in the field to the maximum extent practicable in 2024.

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

- Finalize draft IDDE plan.
- Continue efforts to locate and confirm the locations of outfalls in priority areas.
- Continue to evaluate areas with pollutants of concern for IDDE.
- Continue to develop and update the stormwater system mapping.

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.

Location*	Date and duration of occurrence	Discharge to MS4 or surface water	Estimated volume discharged*	Known or suspected cause / Responsible party*	Corrective measures planned and completed (include dates*)	Sampling data (if applicable)*
Citizen Reports of suspected ill	icit discharges noted in 202	3 are provided belo	w:			
21 Diana Ct	N/A	MS4	N/A	Extreme high surfactants and E Coli	Issued notice to owner for evaluation and mitigation	N/A
906 S Main St	1/15/24 – 9 Days	MS4	-	Force Main Rupture	Repaired broken section of pipe	N/A
SSOs occurring July 2017 throu	gh the end of the Reporting	Period are provide	ed below:			
Marion Road	2019; unknown	MS4	Unknown	Pipe lining company	Promptly and satisfactorily addressed.	N/A
Talmadge Road	2019; unknown	MS4	Unknown	Pool draining / Home owner	Promptly and satisfactorily addressed.	N/A
Sierra Court	2019; unknown	MS4	Unknown	Soil Erosion / Road contractor	Promptly and satisfactorily addressed.	N/A
Harrison Road	2019; unknown	MS4	Unknown	Cold asphalt patch runoff	Promptly and satisfactorily addressed.	N/A
Exit 26 84 W & 84 / Ex	1/17/2020; unknown	MS4	Unknown	Road freight or transport vehicle fire	Clean up performed and material disposed	N/A
400 Industrial Ave /Bozzu	3/10/2020; unknown	MS4	Unknown	Spill - Oil or other combustible liquid	Clean up performed and material disposed	N/A
Cheshire St & E Johnson A	3/13/2020; unknown	MS4	Unknown	Spill - Oil or other combustible liquid	Clean up performed and material disposed	N/A
E Johnson Ave & Highland	3/19/2020; unknown	MS4	Unknown	Spill - Oil or other combustible liquid	Clean up performed and material disposed	N/A
Highland Ave & 1 691 / Hig	3/26/2020; unknown	MS4	Unknown	Road freight or transport vehicle fire	Clean up performed and material disposed	N/A
40 Manor Dr	4/5/2020; unknown	MS4	Unknown	Spill - Oil or other combustible liquid	Clean up performed and material disposed	N/A
W Johnson Ave & Knotter D	5/4/2020; unknown	MS4	Unknown	Spill - Oil or other combustible liquid	Clean up performed and material disposed	N/A
12 Warren St	6/19/2020; unknown	MS4	Unknown	Spill - Oil or other combustible liquid	Clean up performed and material disposed	N/A
400 E Johnson Ave /Whole	6/26/2020; unknown	MS4	Unknown	Spill - Oil or other combustible liquid	Clean up performed and material disposed	N/A
30 Fieldstone Ct /Target	6/29/2020; unknown	MS4	Unknown	Spill - Gasoline or other flammable	Clean up performed and material disposed	N/A
1456 Highland Ave	6/30/2020; unknown	MS4	Unknown	Spill - Oil or other combustible liquid	Clean up performed and material disposed	N/A
110 Creamery Rd	7/15/2020; unknown	MS4	Unknown	Spill - Oil or other combustible liquid	Clean up performed and material disposed	N/A
140 Cook Hill Rd /Elim Pa	7/17/2020; unknown	MS4	Unknown	Spill - Oil or other combustible liquid	Clean up performed and material disposed	N/A
207 Wiese Rd	7/20/2020; unknown	MS4	Unknown	Spill - Gasoline or other flammable	Clean up performed and material disposed	N/A
106 Belridge Rd	7/31/2020; unknown	MS4	Unknown	Spill - Gasoline or other flammable	Clean up performed and material disposed	N/A
Highland Ave & Schoolhous	7/8/2020; unknown	MS4	Unknown	Spill - Oil or other combustible liquid	Clean up performed and material disposed	N/A
Coleman Road	8/2020; unknown	MS4	Unknown	Erosion Control Failure / Breach	Instructed contractor to repair erosion control	N/A
Crestwood Drive	8/2020-9/2020; unk	MS4	Unknown	Erosion Control Failure / Breach	Instructed contractor to repair erosion control	N/A

Location*	Date and duration of occurrence	Discharge to MS4 or surface water	Estimated volume discharged*	Known or suspected cause / Responsible party*	Corrective measures planned and completed (include dates*)	Sampling data (if applicable)*
831 S Main St /Shell	8/9/2020; unknown	MS4	Unknown	Spill - Gasoline or other flammable	Clean up performed and material disposed	N/A
Academy Rd & Judson Ct /A	9/19/2020; unknown	MS4	Unknown	Spill - Oil or other combustible liquid	Clean up performed and material disposed	N/A
Mt Sanford Rd & S Brooksv	9/20/2020; unknown	MS4	Unknown	Spill - Gasoline or other flammable	Clean up performed and material disposed	N/A
Yalesville Road	9/2020; unknown	MS4	Unknown	Erosion Control Failure / Breach	Instructed contractor to repair erosion control	N/A
S Meriden Rd & Academy Rd	9/23/2020; unknown	MS4	Unknown	Spill - Gasoline or other flammable	Clean up performed and material disposed	N/A
45 Park Pl	9/25/2020; unknown	MS4	Unknown	Spill - Oil or other combustible liquid	Clean up performed and material disposed	N/A
Elmwood Dr & S Main St /E	10/14/2020; unknown	MS4	Unknown	Spill - Oil or other combustible liquid	Clean up performed and material disposed	N/A
901 Waterbury Rd /Shell G	10/27/2020; unknown	MS4	Unknown	Spill - Oil or other combustible liquid	Clean up performed and material disposed	N/A
84 S Main St / Townhall	10/3/2020; unknown	MS4	Unknown	Road freight or transport vehicle fire	Clean up performed and material disposed	N/A
I 691	10/31/2020; unknown	MS4	Unknown	Spill - Oil or other combustible liquid	Clean up performed and material disposed	N/A
286 Industrial Ave	10/8/2020; unknown	MS4	Unknown	Pool filter washout onto driveway / Pool & Water Company of CT	10/8/2020 – Phone call to business owner and Notice of Violation sent in follow-up.	N/A
400 E Johnson Ave /Whole	11/12/2020; unknown	MS4	Unknown	Road freight or transport vehicle fire	Clean up performed and material disposed	N/A
993 Mountain Rd	11/12/2020; unknown	MS4	Unknown	Spill - Gasoline or other flammable	Clean up performed and material disposed	N/A
I 84 /I 84/Ramp 26 I 84 E	11/20/2020; unknown	MS4	Unknown	Spill - Oil or other combustible liquid	Clean up performed and material disposed	N/A
Monarch Place	11/2020-12/2020; unk	MS4	Unknown	Erosion Control Failure / Breach	Instructed contractor to repair erosion control	N/A
Highland Ave & Main St/H	11/8/2020; unknown	MS4	Unknown	Spill - Gasoline or other flammable	Clean up performed and material disposed	N/A
275 Schoolhouse Rd / Bozzu	12/12/2020; unknown	MS4	Unknown	Road freight or transport vehicle fire	Clean up performed and material disposed	N/A
29 Hol Ly Rd	12/13/2020; unknown	MS4	Unknown	Spill - Gasoline or other flammable	Clean up performed and material disposed	N/A
Copper Valley Court	12/2020; unknown	MS4	Unknown	Erosion Control Failure / Breach	Instructed contractor to repair erosion control	N/A
East Mitchell Road	2/6/2021	Local stream	500-1000 gal	Sewer line blockage	Line unblocked. System operating normally	N/A
1721 Highland Ave.	2/12/2022	No	Under 300-gal	Sewage line blocked with grease	Lines jetted downstream	N/A
1700 Highland Ave.	8/20/2022	No	<1000-gal	Sewage line blocked with grease	Lines jetted downstream	N/A
1045 Waterbury Rd	2/2/2023, 10:00 AM	Not Reported	≤500 gallons	Sewage Line Blockage - Grease	Not Reported	N/A
1325 Cheshire St	5/1/2023, 9:00 AM	Quinnipiac River	1.5-2 mgd	Excessive Flows - Storm Event	Not Reported	N/A
1325 Cheshire St	12/18/2023, 11 hours	Not Reported	100,000 gallons	Excessive Flows - Storm Event	The flow subsided from the storm, so our grit channel was no longer hydraulically overloaded.	N/A

^{*}Note: IWorQ is the system used for tracking illicit discharges. Currently these records and files are maintained separately by three different Town or quasi-Town entities, which are queried annually for a listing of the IDDE enforcement activities. An IDDE tracking spreadsheet will be prepared to obtain these details moving forward.

3.4 Provide a summary of actions taken to address septic failures during the Reporting Period 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
Filing System	1791 Orchard Hill	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District
Filing System	540 North Brooksvale	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District
Filing System	136 Jinny Hill Road	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District

Method used to track illicit discharge reports	Location and nature of structur systems	Location and nature of structure with failing septic systems		Impacted waterbody or watershed, if known	Dept. / Person responsible	
Filing System	202 Mountain Road	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	90 Barledge Court	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	50 St. Joseph Street	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	152 Percival Drive	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	92 Talmadge Road	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	225 Harrison Road	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	212 Argyle Road	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	180 Sandbank Road	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	510 Wallingford Road	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	15 Chatham Woods Court	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	50-60 Country Club Road	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	756 Cook Hill Road	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	235 Woodpond Road	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	75 Williamsburg Drive	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	94 Vista Terrace	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	28 East Ridge Court	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	15 Mountain Edge Court	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	5 Bear Path Court	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	450 Radmere Road	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	28 Iris Court	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	330 Sir Walters Drive	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	15 Nob Hill Road	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	361 Charles Drive (pipe only)	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	157 Birch Drive	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	486 Coleman Road	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	100 Brentwood Drive	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	176 Woodland Drive	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	514 Blacks Road	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	567 West Johnson	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	104 Hickory Lane	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	725 Reservoir Road	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	1096 Peck Lane	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	20 Foxwood Court	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	30 Frances Court	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	782 Cornwall Ave	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	1141 Fox Hill Road	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	1081 South Meriden Road	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	986 Prospect Road	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	
Filing System	45 Inverness Court	Failing Septic System	Septic system repaired in 2023	Unknown	Chesprocott Health District	

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

The Town uses a work order / complaint management software program, iWorQ. This web-based program is used to track the status of stormwater related activities. When a stormwater related work order / complaint comes in, the Public Works Department is notified and promptly addresses the issue. The Town of Cheshire's stormwater webpage includes a phone number that the public can use to submit a report.

3.6 IDDE reporting metrics

Metrics	
Estimated or actual number of MS4 outfalls	693 (a decrease from 866 in 2022 due to updated mapping)
Estimated or actual number of interconnections	TBD
Outfall mapping complete	90%
Interconnection mapping complete	TBD
System-wide mapping complete (detailed MS4 infrastructure)	90%
Outfall assessment and priority ranking	693 initiated (increased from 494 in 2022)
Dry weather screening of all High and Low priority outfalls complete	636 (an decrease from 772 in 2022 due to updated mapping)
Catchment investigations complete	2 in progress
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 is it given (minimum once per year).

The Town conducts annual training of Public Works Department and Water Pollution Control Division (WPCD) employees on BMPs for stormwater management and spill response. A virtual training was provided to select personnel from the Department of Public Works and the Engineering Department on May 12, 2022. Annual Industrial Stormwater (SWPPP) and SPCC trainings were provided to members of the DPW and WWTF staff on June 5 and June 16, 2023.

4. CONSTRUCTION SITE RUNOFF CONTROL (Section 6(a)(4) / page 25)

ВМР	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Date completed/ projected	Additional details
4-1 Implement, upgrade, and enforce land use regulations or other legal authority to meet requirements of MS4 general permit (Due 7/1/20)	Ongoing	In 2022-2023, the Town's consultant, B&L completed a review of the Town's land use regulations for compliance with the MS4 General Permit.	Revise Land Use Regulations.	Town Planner	Dec 2024	In 2024, it is anticipated that the Town will review B&L's recommendations towards improving compliance with the MS4 General Permit.
4-2 Develop/Implement plan for interdepartmental coordination in site plan review and approval (Ongoing)	Complete/ Ongoing	Site plans are uploaded by the applicant to the building permit files through Viewpoint Cloud where they can be checked for consistency with plans approved by commissions. In 2023, 15 P&Z / Wetland applications were reviewed.	Review and improve existing interdepartmental coordination.	Town Planner	7/1/17 Ongoing	It is anticipated that the Town will continue in 2024 to implement plans for interdepartmental coordination in site plan review and approval
4-3 Review site plans for stormwater quality concerns (Ongoing)	Complete/ Ongoing	Town road and drainage construction projects are presented to the Inland Wetlands and Watercourse Commission and/or Planning and Zoning Commission for review and approval prior to implementation.	Continue to improve process of site plans for stormwater quality concerns.	Town Engineer	7/1/17 Ongoing	It is anticipated that the Town will continue in 2024 to review site plans for stormwater quality concerns
4-4 Conduct site inspections (Ongoing)	Complete/ Ongoing	Construction site inspections were performed by P&Z Department for site plans and Public Works and Engineering for new road construction.	Continue to improve site inspections process.	Environmental Planner/ZEO	7/1/17 Ongoing	It is anticipated that the Town will continue construction site inspections in 2024

ВМР	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Date completed/ projected	Additional details
4-5 Implement procedure to allow public comment on site development (Ongoing)	Complete/ Ongoing	The Town Planning and Zoning Commission, Environment Commission, and Inland Wetlands and Watercourse Commission hold regular meetings, which are open to the public for comment on permit applications, Town events, and other related topics. Public hearings are usually held as part of the land use application process for all new and redevelopment projects.	Continue existing procedure for allowing public comment on site development.	Town Planner	7/1/17 Ongoing	It is anticipated that The Town Planning and Zoning Commission, Environment Commission, and Inland Wetlands and Watercourse Commission will continue to hold regular meetings that are open to the public in 2024
4-6 Implement procedure to notify developers about DEEP construction stormwater permit (Ongoing)	Complete/ Ongoing	A notice for contractors/developers to apply for the CT DEEP Construction General Permit appears on all land use applications. Additionally, copies of CT DEEP permits and instructions are available in the Public Works office.	Provide notice of need for CT DEEP's General Permit for Discharge of Stormwater and Dewatering Wastewaters from Construction Activities to developers and engineers.	Town Planner	2/1/18 Ongoing	It is anticipated that the Town will continue to notify developers and other entities in 2024 about their potential obliogation to apply for an industrial stormwater permit
4-7 Hyperlinking "asbuilt" plans and record maps to a GIS index	In Progress	Road and drainage as-builts, including the two new roads, are hyperlinking in the Town's Geocortex application. Individual house asbuilts have been scanned and are available to town staff, but are not yet hyperlinked.	Hyperlinking "as-built" plans and record maps to a GIS index to facilitate their retrieval	GIS Consultant	Ongoing	It is anticipated that the Town will hyperlink the road and driange as-builts to the Town's GIS server in 2024.

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

- Review ordinances / regulations for compliance with MS4 General Permit and update, as needed.
- Continue to review all design plans for stormwater quality concerns.
- Continue to conduct construction inspections.
- Continue to follow all State public notice and hearing requirements and follow up on all comments and complaints received.
- Continue to provide notice of need for Construction Stormwater GP to developers and engineers.
- Continue to hyperlink "as-built" plans and record maps to the GIS index.

5. POST-CONSTRUCTION STORMWATER MANAGEMENT (Section 6(a)(5) / page 27)

ВМР	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Date completed/ projected	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	In 2022-2023, the Town's consultant, B&L completed a review of the Town's land use regulations for compliance with the MS4 General Permit.	Revise regulations to meet MS4 Permit post- construction stormwater management requirements.	Town Planner	Dec 2024	In 2024, it is anticipated that the Town will review B&L's recommendations towards improving compliance with the MS4 General Permit.
5-2 Enforce LID/runoff reduction requirements for development and redevelopment projects (Due 7/1/22)	Complete/ Ongoing	Construction site inspections are performed for compliance with approved applications. The P&Z Department inspects site plans and Public Works and Engineering inspect new road construction.	Prepare enforcement log.	Town Planner	7/1/19 Ongoing	It is anticipated that the Town will have the land use regulations evaluated in 2024 for recommendations towards improving compliance with the MS4 General Permit.
5-3 Identify retention and detention ponds in priority areas (Due 7/1/20)	Substantially Complete	The Town maintains a GIS database of detention basins and retention basins.	Prepare GIS Map Layer of retention and detention ponds in the priority area.	Town Engineer	7/1/19 Ongoing	In 2024, it is anticipated that the Town will conduct a review of the mapping and make updates to the ponds, as necessary.
5-4 Implement long- term maintenance plan for stormwater basins and treatment structures (Ongoing)	Ongoing	In 2022-2023, the Town's consultant, B&L began to prepare a long-term maintenance plan for stormwater basins and treatment structures.	Prepare a written operations and maintenance plan for stormwater basins and treatment structures.	Town Engineer	Dec 2024 Ongoing	It is anticipated that the Town will have a final plan in place by Dec 2024.
5-5 DCIA mapping (Due 7/1/20)	Substantially Complete – Ongoing	The DCIA for the priority areas have been calculated using the available impervious cover layers.	Determine DCIA and include as a GIS Layer in the MS4 mapping.	Town Engineer	3/31/21 Ongoing	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	Complete/ Ongoing	The Town documents post- construction issues in areas with pollutants of concern using IWorQ.	Use IWorQ log to document post-construction issues in areas with pollutants of concern.	Town Engineer	Ongoing	

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

- Review ordinances/ regulations for compliance with MS4 General Permit and update, as needed.
- Continue to enforce LID/runoff reduction requirements for development and redevelopment projects.
- Finalize Stormwater Structures Management Plan for stormwater basins and treatment structures.
- Continue updating the DCIA mapping, as necessary.

5.3 Post-Construction Stormwater Management reporting metrics

Metrics	
Baseline (2012) Directly Connected Impervious Area (DCIA)	420 acres
Acres DCIA disconnected (redevelopment plus retrofits)	TBD
Retrofit projects completed	2 completed, 2 in design phase
Percent DCIA disconnected	TBD
Estimated cost of retrofits	TBD
Detention or retention ponds identified	19 total

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

To calculate the baseline DCIA for the Town of Cheshire, the Town used the process found on the CT NEMO website. CT NEMO developed 5 formulas to calculate the DCIA and Impervious Cover (IC) independently for each basin in the Town using the percent DCIA for the basin with the state DCIA removed from the equation. The Town's consultant used the formulas and created a bell curve to input the calculated percent of DCIA for each basin and calculate the total DCIA and IC amounts for the Town. Each basin value was added together to create the baseline for the DCIA and IC for the Town.

6. POLLUTION PREVENTION/GOOD HOUSEKEEPING (Section 6(a)(6) / page 31)

ВМР	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Date completed/ projected	Additional details
6-1 Develop/implement formal employee training program (Ongoing)	Complete/ Ongoing	The Town conducts training of Public Works Department and Water Pollution Control Division (WPCD) employees on BMPs for stormwater management and spill response. A virtual training was provided to select personnel from the Department of Public Works and the Engineering Department on 5/12/22. Annual Industrial Stormwater (SWPPP) and SPCC trainings were provided to members of the DPW and WWTF staff on June 5 and June 16, 2023.	Prepare an employee training document.	Public Works Director	Ongoing	It is anticipated that the Town will continue to conduct training of Public Works Dept. and Water Pollution Control Division personnel in 2024.
6-2 Implement MS4 property and operations maintenance (Ongoing)	Complete/ Ongoing	Continued to follow SOPs. Salt piles at municipal facilities are stored under cover and on impervious surfaces. Town industrial stormwater discharges are monitored. Vehicle maintenance is performed undercover. The DPW Garage, Art's Place Center and Water Pollution Control Facility are inspected in in accordance with the SWPPP & SPCC for each facility. The Police and Fire Stations have recently been identified as requiring SPCC Plans.	Evaluate Town owned vehicles and facilities for chemical storage and stormwater best management practices.	Public Works Director	7/1/21 Ongoing	The Town has contacted with B&L to conduct inspections of Townowned/-maintained facilities.
6-3 Implement coordination with interconnected MS4s	Ongoing	Through the outfall identification process, the Town has identified several interconnections with the neighboring towns/cities.	Document progress in Annual Report	Public Works Director	Ongoing	
6-4 Develop/implement program to control other sources of pollutants to the MS4	Ongoing	The Town has had a contract with a vendor for mitigating the geese at Mixville Park since 2019.	Document progress in Annual Report	Town Engineer	Ongoing	

ВМР	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Date completed/ projected	Additional details
6-5 Evaluate additional measures for discharges to impaired waters*	Ongoing	The Town has had a contract with a vendor for mitigating the geese at Mixville Park since 2019, which is impaired for bacteria.	Document progress in Annual Report	Town Engineer	Ongoing	
6-6 Track projects that disconnect DCIA (Ongoing)	Ongoing	A table was created for tracking disconnected DCIA. The Town will work to fill out the tracking table in 2024.	Document progress in Annual Report	Town Engineer	Dec 2024 Ongoing	
6-7 Implement infrastructure repair/rehab program (Due 7/1/21)	Ongoing	After the completion of outfall inspections, the Town will begin to prioritize the maintenance needed to outfalls, correct structural deficiencies, add riprap where appropriate, or remove sediment accumulations.	Document progress in Annual Report	Public Works Director	Dec 2024 Ongoing	It is anticipated that the remainder of outfalls will be inspected in 2024 and a list of needed repairs will be generated at that time.
6-8 Develop/implement plan to identify/prioritize retrofit projects (Due 7/1/20)	Ongoing	Conceptual plans for South Main Street and Jocelyn Lane have been developed. In 2024, the Town will work with B&L to identify and prioritize potential projects for the Retrofit Program to the maximum extent practicable.	Document progress in Annual Report	Public Works Director	Dec 2024	The Town has contracted with a consulting firm to assist with developing a retrofit plan.
6-9 Implement retrofit projects to disconnect 2% of DCIA (Due 7/1/23)	To Be Started	In 2024, the Town will work with B&L to identify and prioritize potential projects for the Retrofit Program to the maximum extent practicable.	Implement retrofit projects		Dec 2024	
6-10 Develop/ implement street sweeping program (Ongoing)	Complete/ Ongoing	In 2023, the Town continued to conduct street sweeping during the spring months.	Document progress in Annual Report	Public Works Director	7/1/17 Ongoing	
6-11 Develop/ implement catch basin cleaning program (Ongoing)	In Progress/ Ongoing	In 2023, the Town continued with catch basin cleaning program to the maximum extent practicable.	Inspect all catch basins within the priority area.	Public Works Director	7/1/18 Ongoing	A vac truck was purchased in 2018 for the purpose of the catch basin cleaning program. Detailed digital inspection forms are now competed on IPADs, and resulting data can be queried.

ВМР	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Date completed/ projected	Additional details
6-12 Develop/ implement snow management practices (Due 7/1/18)	Complete/ Ongoing	The Town stopped sanding roads around 2006 and follows state guidelines with respect to best management practices.	Document progress in Annual Report	Public Works Director	7/1/17 Ongoing	
6-13 Conduct Town- wide Bulky Waste Pickup	Complete/ Ongoing	Town-wide bulky waste collection continued to be provided in 2023 and approx. 675 tons of waste was collected. Leaf pick up occurred from 11/6/23-12/8/23.	Collect bulky waste every 5 years.	Public Works Director	10/1/19 Ongoing	The Town conducts collection events under the direction of Town Management, as needed.

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

- Continue to conduct annual MS4 training events.
- Continue to review MS4 property and operations maintenance practices and look for areas to optimize.
- Fill out the tracking spreadsheet for DCIA disconnection.
- Begin to prioritize the maintenance needed to outfalls, correct structural deficiencies, add riprap where appropriate, or remove sediment accumulations.
- 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.
- Continue to contract with vendor for mitigating the geese at Mixville Park.

6.3 Pollution Prevention/ Good Housekeeping reporting metrics

Metrics	
Employee training provided for key staff	Yes – 5/12/22; SWPPP & SPCC trainings 6/5/23 & 6/16/23
Street sweeping	
Curb miles swept	153 miles
Volume (or mass) of material collected	~200 cubic yards
Catch basin cleaning	
Total catch basins in priority area	TBD
Total catch basins town	5,962
Catch basins inspected	485
Catch basins cleaned	450
Volume (or mass) of material removed from all catch basins	300 cubic feet
Volume removed from catch basins to impaired waters (if known)	Unknown

Metrics	
Snow management	
Type(s) of deicing material used	salt treated with magnesium and liquid deicers
Total amount of each deicing material applied	1,225 tons of treated salt; 1,310 tons of bulk salt; 1,830 gallons of liquid deicer
Type(s) of deicing equipment used	Trailer brine bar spreader, plow truck sanders
Lane-miles treated (A lane-mile is a mile of roadway in a single driving lane)	154 miles
Snow disposal location	N/A
Staff training provided on application methods & equipment	In 2023 training was provided to new staff, as needed
Municipal turf management program actions (for permittee properties in basins with N/P impairments)	
Reduction in application of fertilizers (since start of permit)	N/A
Reduction in turf area (since start of permit)	N/A
Lands with high potential to contribute bacteria (dog parks, parks with open water, & sites with failing septic systems)	
Cost of mitigation actions/retrofits	N/A

6.4 Catch Basin Cleaning Program

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

In 2017, Town crews logged and inspected approximately 1,000 catch basins, while they were being cleaned by an outside vendor. In 2018, the Town inspected 400 catch basins. Of the 400 catch basins, the Town cleaned 135 catch basins with a newly purchased vac truck. In 2019, the Town inspected, logged, and cleaned 1,090 catch basins. In 2020, the Town inspected, logged, and cleaned 802 catch basins. In 2022, the Town inspected, logged, and cleaned 481 catch basins. In 2023, the Town inspected and logged 485 catch basins and cleaned 450 catch basins. In total the Town has cleaned 4,254 catch basins and inspected 3,954 under the 2017 MS4 Permit.

When catch basins inspections take place, detailed digital inspection forms are competed on IPADs and the resulting data can be queried. With the information logged, the Town knows the depth of each sump and at what point the catch basins will reach 50% full.

6.5 Retrofit Program

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

The Town, in collaboration with B&L, continues to evaluate potential stormwater disconnection projects, working to identify and execute projects as appropriation of funds are made available.

The Town continues to evaluate an opportunity to remove portions of a 650 linear foot, 36-inch diameter storm drain, located on South Main Street, that flows across Regional Water Authority property and discharges directly into an intermittent tributary of the Mill River. This project could provide for the buffering of bacteria and pollutants by providing soil and vegetation interface and low-flow recharge from the approximately 80-acre primarily residential watershed (but also drains a portion of CT Route 10). The Town has met with the water company representatives and developed a basemap. The Town continues to assess the water quality currently flowing through this pipe that lies within the aquifer and in close proximity to an active wellfield to make sure that removal of the pipe will not adversely affect drinking water quality.

In November of 2021, capital funds were made available to support the design and construction of a project identified on Roselyn drive. This project is expected to redirect the first inch of runoff from an 11.3+/- acre watershed area with three of these acres being impervious cover. The area of Town open space identified for the stormwater infiltration area is positioned well and would ultimately direct flow into the Willow Brook off Rockview Drive. The Town is currently planning on the design and permitting phase of this project to occur in calendar year 2024.

The Town installed a 2,400 s.f. rain garden at the Byam Rd. Fire Station that disconnected 40,000 s.f of impervious area, including the entire parking lot as well as part of the heavily traveled road that previous discharged directly into a watercourse. This stormwater disconnect project was funded by, and coordinated with, UConn CLEAR utilizing grant money from the National Fish and Wildlife Foundation. A link to the project details can be found on the Town's stormwater page.

Town installed a 1,000 s.f. rain garden at 55 Railroad Ave. that prevented 10,000 s,f. worth of impervious pavement stormwater runoff from entering the Town's MS4 system. Native plants and vegetation were installed as part of the restoration process.

In 2022, the Town and B&L completed the following tasks related to the Roslyn Street MS4 disconnection project:

- Exsisting conditions and initial survey layout complete
- Town installed a 1,000 s.f. rain garden at 55 Railraod Ave. that prevented 10,000 s,f. worth of impervious pavement stormwater runoff from entering the Town's MS4 system. Native plants and other vegetation were installed as part of the restoration process.
- Prelimiary design is 100% complete on 2 projects.
- Final design is underway and is scheduled to be completed in 2023
- Easement acquisition is underway
- Construction will likely begin in the spring of 2024

In 2024 the Town will continue to work to identify potential opportunities for disconnection and work to secure funding to support the design and implementation of these projects to the maximum extent practicable.

Describe plans for continuing the Retrofit program and how to achieve a goal of 1% DCIA disconnection annually in future years. (Due 7/1/23)

In 2024, the Town will continue to identify and prioritize potential projects and funding for the Retrofit Program to the maximum extent practicable.

Part II: Impaired waters investigation and monitoring

1. Impaired waters investigation and monitoring program

Nitrogen/ Phosphorus 🛛 Bacter	ria 🛚	Mercury	Other Pollutant of Concern	\boxtimes
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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. In 2018-2019, wet weather screening activities were carried out by a summer intern. In 2020, funding for the summer intern was cut due to the COVID-19 pandemic. Wet weather screening efforts resumed at the end of 2020 with the hiring of Barton & Loguidice and sampling will continued at that time. From 2018-2019, three impaired outfalls were sampled. An additional 15 outfalls that were initially believed to be impaired outfalls were also sampled in 2018-2019. In 2020, five additional impaired outfalls were wet weather sampled. In 2023, 30 outfalls discharging to impaired water were sampled. To date, 38 of 44impaired outfalls have been wet weather sampled. The Town anticipates completing the remaining impaired wet weather sampling in 2024.
- 2. Of the 38 outfalls sampled to date, 18 of the outfalls will require investigations based on the results of the samples collected. Due to the recent updates to the impaired waterbodies data provided by UCONN Clear, several of the outfalls previously sampled now have new required impaired parameters. These outfalls will be revisited in 2024 to sample for the new required parameters.
- 3. Because of the limited amount of Town impaired outfalls, wet weather samples will be collected at all impaired outfalls prior to selecting the six priority outfalls for annual sampling. B&L will continue to attempt to collect wet weather samples from the remaining impaired outfalls until all known locations are sampled. Once the remaining impaired wet weather samples are collected, B&L will focus on the wet weather investigation samples and the six annual priority outfall samples. Coordination with the qualifying rain events will continue to be conducted for future monitoring events. No additional changes have been made to the Stormwater Management Plan at this time.

In May 2023, 10 catch basins and manholes were screened during a dry-weather event and were sampled for: Chlorine, Surfactants (MBAs), Ammonia, Turbidity, E.Coli and Total Coliform. This effort was completed as part of an investigation process to identify potential pollutant sources prior to the construction of a treatment structure to disconnect parts of South Main Street.

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

2.1 Screening data

Outfall ID	Latitude	Longitude	Sampling Date	Outfall Turbidity (NTU)	Turbidity Upstream (NTU)	Total Coliform (col/100mL)	E. Coli (col/100mL)	Phosphorous (mg/L)	Lab	Investigation Required
219	41.45355272	-72.90021183	11/30/2020	n/a	n/a	>24200	3650	n/a	Phoenix	Yes
300	41.52888408	-72.86768483	6/11/2019			n/a	7270		Phoenix	Yes
378	41.4596764	-72.9171558	11/30/2020	n/a	n/a	>24200	72	n/a	Phoenix	Yes
439	41.45964208	-72.90132747	3/2/2018	n/a	n/a	>24200	1070	n/a	Phoenix	Yes

Outfall ID	Latitude	Longitude	Sampling Date	Outfall Turbidity (NTU)	Turbidity Upstream (NTU)	Total Coliform (col/100mL)	E. Coli (col/100mL)	Phosphorous (mg/L)	Lab	Investigation Required
614	41.53692101	-72.87200743	3/2/2019			n/a	14100		Phoenix	Yes
662	41.54941261	-72.87090647	11/30/2020	31.2	2.37	n/a	404		Phoenix	Yes
746	41.56176324	-72.87865489	11/30/2020	10.81	9.29	n/a	323		Phoenix	No
840	41.54937452	-72.87071795	11/30/2020	8.63	2.37	n/a	538		Phoenix	Yes
181	41.53678738	-72.87154829	2/23/2023	1.93	1.76	n/a	259	0.055	Phoenix	No
182	41.53582815	-72.87239227	9/25/2023	4.56	8.4	n/a	20	0.057	Phoenix	No
183	41.53476679	-72.87171416	9/25/2023	8	10.33	n/a	4110	0.119	Phoenix	Yes
184	41.53067154	-72.8676963	9/25/2023	8.95	7.45	n/a	2760	0.094	Phoenix	Yes
208	41.53846386	-72.87167724	9/25/2023	2.75	8.7	n/a	20	0.019	Phoenix	No
271	41.53461883	-72.87213321	9/25/2023	3.95	9.4	n/a	1990	0.025	Phoenix	Yes
298	41.52933315	-72.87006084	9/25/2023	15	9	n/a	3130	0.45	Phoenix	Yes
336	41.47870551	-72.90501019	9/19/2023	10.45	19.6	n/a	n/a	n/a	Phoenix	No
354	41.47253207	-72.90437854	9/19/2023	14.7	36.5	n/a	n/a	n/a	Phoenix	No
379	41.45967831	-72.91701409	9/19/2023	n/a	n/a	>24200	24200	n/a	Phoenix	Yes
380	41.45946986	-72.91652634	9/19/2023	n/a	n/a	>24200	331	n/a	Phoenix	Yes
496	41.4806484	-72.90462545	9/19/2023	3.42	23	n/a	n/a	n/a	Phoenix	No
532	41.48416701	-72.90196695	9/19/2023	3.59	20.5	n/a	n/a	n/a	Phoenix	No
534	41.48642751	-72.89926317	9/19/2023	0.58	16.5	n/a	n/a	n/a	Phoenix	No
542	41.49399545	-72.89680646	6/14/2023	48.4	6.08	n/a	n/a	n/a	Phoenix	Yes
543	41.49495276	-72.89619858	6/14/2023	22.3	24.6	n/a	n/a	n/a	Phoenix	No
596	41.53694268	-72.92258505	9/25/2023	7.26	9.1	n/a	n/a	n/a	Phoenix	No
669	41.55512429	-72.90005957	6/14/2023	15.4	11.31	n/a	n/a	n/a	Phoenix	No
674	41.53719182	-72.92343547	6/14/2023	3.39		n/a	n/a	n/a	Phoenix	No
675	41.53722263	-72.92355677	6/14/2023	4.39		n/a	n/a	n/a	Phoenix	No
DCB_OLDL_1	41.45359856	-72.90026677	2/23/2023	1.98	0.84	2140	199	n/a	Phoenix	Yes
DCB_OLDL_2	41.4536698	-72.9002297	2/21/2023	0.84	0.98	1500	63	n/a	Phoenix	Yes
DCB_SURR_1	41.49804562	-72.88898353	8/15/2023	4.29	7.07	n/a	n/a	n/a	Phoenix	No
DCB_WALL_1	41.4950339	-72.89616784	6/14/2023	13.6	40.6	n/a	n/a	n/a	Phoenix	No
DCB_WALL_2	41.49509419	-72.89614419	6/14/2023	23.6	16.3	n/a	n/a	n/a	Phoenix	Yes
FAWN_1	41.47171937	-72.90156948	9/19/2023	3.4	8.37	n/a	n/a	n/a	Phoenix	No
FAWN_2	41.47171937	-72.90156948	9/19/2023	4.29	8.37	n/a	n/a	n/a	Phoenix	No
FORE_1	41.47214499	-72.90319239	9/19/2023	2.68	12.4	n/a	n/a	n/a	Phoenix	No
OLDL_1	41.45359058	-72.90036327	2/23/2023	1.44	3.26	12000	41	n/a	Phoenix	Yes
WALL_1	41.49496062	-72.89618743	6/14/2023	11.79	21.8	n/a	n/a	n/a	Phoenix	No

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 (Nitrogen, Phosphorus, Bacteria, or Other pollutant of concern)	Results	Name of Laboratory (if used)	Follow-up required?
N/A					

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

Provide the following information for outfalls exceeding the pollutant threshold.

Outfa	ill ID	Status of drainage area investigation	Control measure to address impairment
exten	t praction	Town will be focusing efforts on collecting wet weather samples from the remeable, and will continue to attempt to collect wet weather samples from the income the remaining impaired wet weather samples are collected, the Town is.	mpaired outfalls until all known locations

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, 2020.

Outfall	Latitude / Longitude	Sample Date	Parameter(s)	Results	Name of Laboratory (if used)					
Once the remaining impaired wet weather samples are collected, the Town will focus efforts on the six annual priority outfall samples.										
It is anticipated that this will be conducted in 2024.										

Part III: Additional IDDE Program Data

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

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

See attachment provided with this report.

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

Table 2.1a - Non-Impaired Waterbody Samples

Outfall ID	Latitude	Longitude	Sample Date	Temp (°C)	Conductivity (umhos/cm)	Salinity (g/kg)	Ammonia (mg/L)	MBAs (mg/L)	Chlorine (mg/L)	E. Coli (col/100ml)	Lab	Investigation Required
108	41.541147	-72.90066428	12/16/2020	8.4	433	0.31	0	1.5	0.11	<10	Phoenix	No
111	41.51851418	-72.88105052	12/16/2020	5.3	298	0.143	0.00	1.5	0	10	Phoenix	No
137	41.52580902	-72.87543904	1/26/2021	8.8	253	0.122	3.00	0.25	0.28	10	Phoenix	Yes
149	41.5479858	-72.88179943	1/12/2021	10.6	390	0.19	0.00	0.25	0	<10	Phoenix	No
151	41.53957672	-72.878841	3/30/2021	8.8	164	0.073	0.00	0.06	0.02	<10	Phoenix	No
152	41.5261725	-72.85921871	8/3/2021	15.4	401	0.271	0.00	0.09	0	<10	Phoenix	No
213	41.45071467	-72.89374901	4/9/2021	11.5	684	0.334	0.00	0	0.02	<10	Phoenix	No
229	41.54848595	-72.95263184	3/30/2021	8.4	211	0.094	0.25	0.1	0	10	Phoenix	No
237	41.53429092	-72.94621238	12/16/2020	6.64	7.3	0.05	0.00	0.5	0	10	Phoenix	No
243	41.55837433	-72.91343252	8/10/2021	22.7	635	0.298	0.00	0.19	0.02	<10	Phoenix	No
245	41.55076594	-72.95663757	12/16/2020	1.3	219	0.106	0.50	0.25	0.03	31	Phoenix	Yes
259	41.54518328	-72.96064722	12/16/2020	1.8	501	222	0.25	0.25	0	<10	Phoenix	No
262	41.53926123	-72.95208719	4/8/2021	12.5	238	0.113	0.00	0.04	0	74	Phoenix	No
263	41.53998597	-72.94741442	4/8/2021	11.5	464	0.213	0.00	0.09	0	<10	Phoenix	No
276	41.5299341	-72.93203732	12/16/2020	7.43	177	0.13	0.00	0.75	0	<10	Phoenix	No
278	41.51494736	-72.93413966	8/11/2021	23.3	134	0.0633	0.00	0.09	0	109	Phoenix	No
287	41.51372783	-72.89098075	12/16/2020	5.4	286	0.137	0.25	0.75	0	52	Phoenix	No
29	41.5224144	-72.93620839	1/21/2021	7.6	174	0.0828	0.00	0.5	0.11	<10	Phoenix	No
292	41.52623006	-72.87859347	1/26/2021	5.2	392	0.192	0.00	0.5	0.01	1480	Phoenix	No
293	41.52655853	-72.87539782	4/13/2021	13.4	552	0.249	0.00	0.1	0.01	<10	Phoenix	No
31	41.52231121	-72.92596582	1/21/2021	4.6	124	0.0595	0.00	0.5	0.32	10	Phoenix	No
323	41.48922803	-72.89277553	8/5/2021	19	331	0.219	0.00	0.09	0.04	52	Phoenix	No
328	41.48867286	-72.89243411	1/12/2021	6.2	189	0.091	0.25	0.25	0.01	2760	Phoenix	No
33	41.52493423	-72.92628542	12/2/2020	11.7	229	0.11	0.00	0.25	0.05	108	Phoenix	No
367	41.54338544	-72.86778966	12/16/2020	1.8	401	187	0.25	0.25	0	30	Phoenix	No
370	41.5552428	-72.92539846	12/16/2020	1.18	252	117	0.25	0.25	0.01	20	Phoenix	No
391	41.46617007	-72.93710876	8/10/2021	21.62	477	0.25	0.00	0.55	0.07	<10	Phoenix	No
416	41.47766211	-72.93036891	1/21/2021	6.4	281	0.138	0.25	0.25	0.01	<10	Phoenix	No
435	41.45901745	-72.91080776	7/14/2021	16.9	425	0.205	0.00	0.13	0.08	<10	Phoenix	No
452	41.46085506	-72.88389306	4/9/2021	12.2	447	0.213	0.00	0	0.02	10	Phoenix	No
457	41.46508423	-72.88628018	4/13/2021	11.5	315	0.153	0.25	0.12	0.08	<10	Phoenix	No
479	41.48389139	-72.9203706	1/21/2021	6.8	327	0.151	0.00	0.25	0	31	Phoenix	No

Table 2.1a - Non-Impaired Waterbody Samples

Outfall ID	Latitude	Longitude	Sample Date	Temp (°C)	Conductivity (umhos/cm)	Salinity (g/kg)	Ammonia (mg/L)	MBAs (mg/L)	Chlorine (mg/L)	E. Coli (col/100ml)	Lab	Investigation Required
490	41.48149774	-72.86800525	8/10/2021	20	381	0.183	0.00	0.22	0.06	341	Phoenix	No No
5	41.50328241	-72.86783126	7/29/2021	19	165	0.0787	0.00	0.04	0	10	Phoenix	No
525	41.49791705	-72.92718582	12/28/2020	7.4	289	0.142	0.00	0.25	0.03	<10	Phoenix	No
526	41.49879644	-72.91559501	8/11/2021	19.9	438	0.299	0.00	0.19	0.02	110	Phoenix	No
530	41.49860217	-72.9143358	8/11/2021	23.6	458	0.306	0.25	0.11	0.17	3080	Phoenix	No
544	41.48899982	-72.90099914	1/12/2021	5.7	262	0.13	0.00	0.25	0	41	Phoenix	No
547	41.48326926	-72.87758338	1/21/2021	5	374	0.186	0.00	0.25	0.04	<10	Phoenix	No
549	41.48605141	-72.88190675	12/9/2020	7.1	326	0.15	0.00	0.5	0.09	<10	Phoenix	No
559	41.48805553	-72.88510945	1/12/2021	4.9	271	0.131	0.25	0.25	0.02	<10	Phoenix	No
6	41.50426707	-72.8678278	12/2/2020	8.91	115	0.08	0.00	0.25	0.02	75	Phoenix	No
602	41.5343902	-72.96053623	12/2/2020	7.6	103	0.0699	0.00	0.75	0.07	457	Phoenix	No
626	41.51442192	-72.88736196	12/16/2020	1.8	353	0.172	0.25	1	0.01	31	Phoenix	No
627	41.51527825	-72.90961094	12/2/2020	10.8	331	0.16	0.25	0.25	0	85	Phoenix	No
632	41.5181787	-72.93729949	12/2/2020	10.5	507	0.224	0.00	0.25	0.43	<10	Phoenix	No
639	41.53846914	-72.93696663	12/2/2020	8.9	200	0.132	0.00	0.75	0.08	<10	Phoenix	No
646	41.4838637	-72.89238177	1/26/2021	6.2	300	0.147	0.00	0.5	0.04	20	Phoenix	No
653	41.52548985	-72.88921659	12/16/2020	6.1	275	0.133	0.00	0.25	0.06	305	Phoenix	No
655	41.52735865	-72.87581712	12/2/2020	12.1	394	0.19	0.50	0.5	0	98	Phoenix	No
683	41.52452635	-72.88281875	12/2/2020	10.6	457	0.213	0.00	0.5	0	98	Phoenix	No
697	41.51282805	-72.91568176	12/2/2020	10.56	176	0.12	0.25	0.5	0	933	Phoenix	No
704	41.51383011	-72.90133407	12/2/2020	12.1	375	0.182	0.00	0.25	0.04	288	Phoenix	No
709	41.51034944	-72.85053762	12/2/2020	7.9	372	0.181	0.00	0.25	0	97	Phoenix	No
71	41.52874274	-72.90866628	1/26/2021	9.3	6703	3.609	1.00	0.75	0	<10	Phoenix	No
713	41.50339076	-72.93006758	12/2/2020	8.96	60	0.04	0.00	0.25	0.01	146	Phoenix	No
715	41.50515385	-72.9267303	12/2/2020	8.59	82	0.06	3.00	0	0	31	Phoenix	No
724	41.49399374	-72.91039754	12/28/2020	6.8	312	0.151	0.25	0.25	0.04	259	Phoenix	No
725	41.49472665	-72.90847496	12/28/2020	7.8	228	0.149	0.00	0.25	0.01	583	Phoenix	No
735	41.49492589	-72.87487149	3/30/2021	9	635.8	0.31	0.00	0.53	0.09	85	Phoenix	No
736	41.49331454	-72.87490986	3/30/2021	9.7	578.1	0.28	0.00	0.2	0.1	63	Phoenix	No
770	41.50694463	-72.92611625	12/2/2020	11.67	276	0.19	0.00	0.25	0	<10	Phoenix	No
798	41.5007667	-72.91416706	12/2/2020	8.69	187	0.13	0.25	0.25	0.06	148	Phoenix	No
810	41.49677474	-72.93062982	12/9/2020	13.4	434	0.232	0.00	0.25	0.15	<10	Phoenix	No
846	41.52572157	-72.87938344	12/2/2020	8	251	0.121	0.25	0.25	0	<10	Phoenix	No
847	41.52568183	-72.87933414	12/2/2020	7.4	195	0.0967	0.25	0.5	0.02	31	Phoenix	No
91	41.51690291	-72.87419198	12/16/2020	8.2	361	0.176	0.00	0.75	0.4	51	Phoenix	No

Table 2.1a - Non-Impaired Waterbody Samples

Outfall ID	Latitude	Longitude	Sample Date	Temp (°C)	Conductivity (umhos/cm)	Salinity (g/kg)	Ammonia (mg/L)	MBAs (mg/L)	Chlorine (mg/L)	E. Coli (col/100ml)	Lab	Investigation Required
BRIG_1	41.5347321	-72.91289976	4/8/2021	12.2	429	0.209	0.00	0.12	0	<10	Phoenix	No
CARR_1	41.49884473	-72.88686252	3/30/2021	12.8	352.8	0.17	0.50	0.18	0.01	<10	Phoenix	No
DUND_1	41.5379366	72.9135876	8/11/2021	22.57	469	0.24	0.00	0.15	0.12	<10	Phoenix	No
FAR_1	41.49475639	-72.89060175	3/30/2021	11.1	628.8	0.31	1.00	0.23	0	<10	Phoenix	No
FAR_4	41.49475639	-72.89060175	3/30/2021	12.5	545.2	0.27	0.00	0.25	0.09	<10	Phoenix	No
JARV_1	41.53431313	-72.91805086	1/12/2021	6.4	324	0.158	0.00	0.25	0.18	<10	Phoenix	No
OLDF_3	41.45439136	-72.88634912	4/9/2021	10.9	465	0.213	0.00	0	0.02	<10	Phoenix	No
OLDF_4	41.45527434	-72.88990668	4/9/2021	11.6	511	0.226	0.00	0	0	<10	Phoenix	No
PLAN_1E	41.52631238	-72.95787918	12/2/2020	11.3	692	0.339	0.00	0.25	0.32	10	Phoenix	No
PLAN_1W	41.52631238	-72.95787918	12/2/2020	12.1	271	0.13	0.00	0.25	0	20	Phoenix	No
RESE_1	41.50426112	-72.85196467	7/29/2021	18.6	376	0.181	0.00	0.09	0.2	20	Phoenix	No
SBRO_3	41.46651057	-72.92093252	7/14/2021	17.3	143	0.0705	0.00	0.06	0.02	10	Phoenix	No
TALM_1	41.49352395	-72.88192584	3/30/2021	11.9	680	0.33	0.00	0.24	0.13	<10	Phoenix	No
TALM_2	41.49352395	-72.88192584	3/30/2021	11.4	532.1	0.26	0.00	0.19	0.04	<10	Phoenix	No
WATE_2	41.53783009	-72.94486168	4/8/2021	12.6	304	0.147	0.00	0.1	0.03	10	Phoenix	No
WILL_1	41.49684613	-72.89167604	12/28/2020	7.1	164	0.084	0.25	0.25	0	171	Phoenix	No
847	41.52567337	-72.879333	11/13/2023	7.4	195	0.0967	0.25	0.5	0.02	31	Phoenix	No
277	41.51360467	-72.93392369	11/13/2023	9.7	268	0.13	0.25	0.03	0.01	< 10	Phoenix	No
PECK_2	41.52223902	-72.91418393	8/22/2023	21.8	486	0.213	0.00	0.08	0.02	189	Phoenix	No
PECK_3	41.52223902	-72.91418393	8/22/2023	22.5	535	0.235	0.25	0.11	0.17	189	Phoenix	No
297	41.52823632	-72.87300651	8/3/2023	21.1	648	0.298	0.00	0.06	0.1	52	Phoenix	No
643	41.51004471	-72.90644017	7/27/2023	26.6	560	0.37	0.25	0.34	0.1	1350	Phoenix	No
629	41.51526074	-72.91130853	6/7/2023	17.4	434	0.21	0.00	0.15	0.17	62	Phoenix	No
302	41.51822932	-72.91079871	6/7/2023	18.4	442	0.212	0.00	0.19	0.08	146	Phoenix	No
COOK_1	41.46816398	-72.89131822	6/5/2023	17	390	0.187	0.00	0.09	0.22	20	Phoenix	No
469	41.46845976	-72.88542793	6/5/2023	19.1	127	0.0597	0.00	0.03	0.02	< 10	Phoenix	No
HALF_N_1	41.4685132	-72.88555155	6/5/2023	19.3	126	0.0812	0.00	0.04	0.11	< 10	Phoenix	No
723	41.49821164	-72.91125154	5/26/2023	16.8	312	0.15	0.00	0.23	0	496	Phoenix	No
749	41.52809553	-72.87758365	5/24/2023	15.3	416	0.201	0.00	0.24	0.1	10	Phoenix	No
819	41.54903842	-72.88276238	5/24/2023	14.3	240	0.115	0.00	0.38	0.1	6870	Phoenix	No
142	41.54983694	-72.88437834	5/24/2023	17.8	524	0.229	0.00	2.5	0.1	> 24200	Phoenix	No
NPON_2	41.53884153	-72.86308577	4/19/2023	10.5	223	0.107	0.00	0.14	0.05	< 10	Phoenix	No
LANC_2	41.53176435	-72.91116648	4/19/2023	11.9	465	0.213	0.00	0.14	0.14	31	Phoenix	No

<u>Table 2.1b - Impaired Waterbody Samples</u>

Outfall ID	Latitude	Longitude	Sample Date	Outfall Turbidity (NTU)	Turbidity Upstream (NTU)	E. Coli (col/100mL)	Phosphorous (mg/L)	Lab	Investigation Required
184	41.53068	-72.86769743	8/3/2021	0.67	1.55	10	<0.01	Phoenix	No
298	41.52934161	-72.87006197	8/3/2021	0	0.39	63	0.025	Phoenix	No
300	41.52888408	-72.86768483	8/3/2021	0.18	0.37	10	0.013	Phoenix	No
816	41.48606161	-72.90204573	12/9/2020	n/a	n/a	52	n/a	Phoenix	No

2.2 Wet weather sample and inspection data

Outfall / Interconnection ID	Latitude	Longitude	Sample date	Escherichia Coli (col/100ml)
5	41.503282	-72.867831	6/11/2019	52
111	41.518514	-72.881051	6/11/2019	189
151	41.539577	-72.878841	3/2/2018	148
295	41.528044	-72.874202	6/11/2019	317
307	41.502885	-72.927298	6/11/2019	393
308	41.502637	-72.921495	6/11/2019	2910
389	41.466631	-72.920345	6/11/2019	12000
429	41.469176	-72.930446	6/11/2019	173
528	41.498698	-72.914979	6/11/2019	1610
562	41.485744	-72.872016	3/2/2018	5170
595	41.504524	-72.888261	6/11/2019	2220
632	41.518179	-72.937299	6/11/2019	1070
754	41.547757	-72.900775	3/2/2018	404
797	41.548096	-72.881329	3/2/2018	2280
810	41.496775	-72.93063	6/11/2019	1250

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

3.1 System Vulnerability Factor Summary

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

See attachment provided with this report.

3.2 Key junction manhole dry weather screening and sampling data

Outfall or Structure ID	Sample Date	Temp (°C)	Conductivity (umhos/cm)	Salinity (g/kg)	Chlorine (mg/L)	MBAs (mg/L)	Ammonia (mg/L)	E. Coli (col/100mL)	VOCs
354	5/18/2023	13.5	214	0.101	0.1	0.54	0.25	<10	N/A
UNKMH-DMH-141	5/18/2023	14.1	188	0.0902	0.2	0.24	0.5	256	N/A
CB6794-DMH-428	5/18/2023	12.2	179	0.086	0.1	0.21	0	<10	N/A
DMH-524-DMH-428	5/18/2023	14	211	0.0981	0.2	0.25	0	10	N/A
DMH-122-CB8420	5/18/2023	11.8	258	0.124	0.4	0.4	0	<10	N/A

3.3 Wet weather investigation outfall sampling data

Outfall or Structure ID	Sample Date	Temp (°C)	Conductivity (umhos/cm)	Salinity (g/kg)	Chlorine (mg/L)	MBAs (mg/L)	Ammonia (mg/L)	E. Coli (col/100mL)	VOCs
354	11/30/2020							6870	-
354	3/18/2021	8.2	149	0.0769	0.02	>2.5	0	144	ND
CB-FF476	3/18/2021	7.8	253	0.111	0	>2.5	0.25	31	ND
CB-FF457	3/18/2021	9.4	132	0.0627	0.01	0.18	0.25	161	ND
CB-FF569	3/18/2021	9.8	125	0.0504	0.002	0.17	0.25	41	ND
354	12/16/2022	6.7	501.6	0.25	0.05	0.33	0	2010	ND
CB6943	12/16/2022	5.9	343.4	0.16	0.16	0.48	0	203	ND
CB6944	12/16/2022	5.3	585.5	0.29	0.06	0.03	0	63	ND
CB6943-CB6922	12/16/2022	5.5	344.1	0.16	0.09	0.48	0	>24200	ND
CB8203-CB6922	12/16/2022	5.6	329	0.16	0.12	0.33	0	1110	ND
CB6924-CB6922	12/16/2022	5.9	373.4	0.18	0.37	0.4	0	1830	ND
CB7911-DMH139	12/16/2022	5.7	688.3	0.34	0.33	0.44	0	20	ND
CB6948-DMH139	12/16/2022	5.5	224.6	0.11	0.01	0.51	0.25	52	ND
DMH140-DMH-139	12/16/2022	5.6	310.1	0.15	0.03	0.43	0.25	1350	ND
CB6287-CB6290	12/16/2022	3	6.6	493	0.24	0.25	0.34	650	ND
CB6286-CB6290	12/16/2022	0.5	6.5	560	0.27	0.22	0.37	695	ND
CB6257-CB6924	12/16/2022	2	5.7	391.3	0.19	0.16	0.3	2110	ND
CB6923-CB6924	12/16/2022	0.5	5.2	363.1	0.17	0.23	0.3	336	ND

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
286 Industrial Ave	Poll & Water Company of CT	Residue from the Washout of a pool	Visual observation with inspecting	10/8/20	10/8/20	Phone call to business owner and	
		filter onto driveway	nearby bridge			Notice of Violation sent in follow-up	

Part IV: Certification

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

Chief Elected Official or Principal Executive Officer	Document Prepared by
Print name: Sean M. Kimball Town Manager, Cheshire	Print name: T.J. Therriault Barton & Loguidice, LLC
Signature / Date: 4/1/2024	Signature / Date: T. J. Therreaul 4/1/2024
Email: townmanager@cheshirect.org	Email: tjt@bartonandloguidice.com

Catchment ID	Receiving Water	Wet Sampling Results Indicate Likely Illicit Discharge? ¹	Dry Screening Results Indicate Likely Illicit Discharge? ^{1a}	Discharging to Area of Concern to Public Health?	Frequency of Past Discharge Complaints	Receiving Water Quality ³	Density of Generating Sites ⁴	Age of Development/ Infrastructure ⁵	Historic Combined Sewers or Septic? ⁶	Aging Septic? ⁷	Culverted Streams? 8	Additional Characteristics	Score	Score	anking
	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	Sample Score	Overall Score	Priority Ranking
	Scoring Criteria (Yes = Problem)	extrapolated form	mined using an nula based on the sults	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			
219 142	Mill River (Hamden/Cheshire)-02 Quinnipiac River Basin	15 n/a	n/a 12	0		3 0		2 2			0		15 12	20 14	1 2
379 542 614	Willow Brook (Hadam)-01 Mill River (Cheshire)-03 Ouinnipiac River-04	8 8 6	n/a NS n/a	0 0 0		3 2 3		3 3 3			0 0 0		8 8 6	14 13	3 4 5
662 298	Quinnipiac River-04 Quinnipiac River-04	6 5	NS 0	0		3		3			0		6 5	12 11	6 7
300 PLAN_1E 183	Quinnipiac River-04 Tenmile River Basin Quinnipiac River-04	n/a 3	0 4 n/a	0 0 0		3 0 3		3 3 3			0 3 0		4 4 3	10 10 9	8 9 10
DCB_OLDL_1 DCB_OLDL_2	Mill River / Shepard Brook Mill River / Shepard Brook	NS NS	n/a n/a	0		3		3			3		0	9	11 12
DCB_WALL_2 WILL_1 71	Mill River (Cheshire)-03 Mill River (Cheshire)-03 Tenmile River Basin	1 0 n/a	n/a 1 5	0 0		2 2 0		3 3 3			3 3 0		1 1 5	9 9 8	13 14 15
137 184	Quinnipiac River Basin Quinnipiac River-04	n/a 3 2	5	0		0 3		3 2			0 0 0		5 3 2	8 8 8	16 17
271 439 530	Quinnipiac River Mill River (Hamden/Cheshire)-02 Willow Brook Basin	2 n/a	n/a n/a 5	0 0		3 0		3 3 3			0		2 5	8	18 19 20
819 840 COOK 1	Quinnipiac River Basin Quinnipiac River-04 Mill River Basin	n/a 2 n/a	6 n/a 2	0 0 0		0 3 0		2 3 3			0 0 3		6 2 2	8 8 8	21 22 23
DCB_SURR_1 DCB_WALL_1	Mill River (Cheshire)-03 Mill River (Cheshire)-03	0	n/a n/a	0		2 2		3			3		0	8	24 25
DCB_WILL_1 DCB_WILL_2 DCB_WILL_3	Mill River (Cheshire)-03 Mill River (Cheshire)-03 Mill River Basin	0 0 n/a	n/a n/a n/a	0 0 0		2 2 2		3 3 3			3 3 3		0 0	8 8 8	26 27 28
FAR_4 FAWN_1	Mill River Basin Mill River (Cheshire)-03	n/a 0	2 n/a	0		0 2		3			3		2	8	29 30
FAWN_2 FORE_1 PECK_3	Mill River (Cheshire)-03 Mill River (Cheshire)-03 Tenmile River Basin	0 0 n/a	n/a n/a 2	0 0 0		2 2 0		3 3 3			3 3 3		0 0 2	8 8 8	31 32 33
RESE_1 TALM_1	Broad Brook Basin Mill River Basin	n/a n/a	2 2	0		0		3 3			3		2 2	8	34 35
WILL_2 WOOD_3 91	Mill River (Cheshire)-03 Mill River (Cheshire)-03 Ouinnipiac River Basin	0 0 n/a	n/a n/a 5	0 0 0		2 2 0		3 3 2			3 0		0 0 5	8 8 7	36 37 38
328 469	Mill River Basin Mill River Basin	n/a n/a	1	0		0		3 3			3		1	7	39 40
632 643 CARR_1	Tenmile River Tenmile River Basin Mill River Basin	n/a n/a n/a	4 4 1	0 0 0		0 0		3 3 3			0 0 3		4 1	7	41 42 43
CARR_2 CARR_5	Mill River Basin Mill River Basin	n/a n/a	1 1 1	0		0		3 3			3 3		1 1	7 7 7	44 45
FAR_1 HALF_N_1 LANC_2	Mill River Basin Mill River Basin Tenmile River Basin	n/a n/a n/a	1 2	0 0 0		0 0		3 3 2			3 3		1 2	7	46 47 48
PLAN_1W TALM_2 179	Tenmile River Basin Mill River Basin Quinnipiac River Basin	n/a n/a	1 1	0 0		0 0 0		3 3 3			3 3 3		1 1 0	7 7 6	49 50 51
181 182	Quinnipiac River-04 Quinnipiac River-04	n/a 0 0	n/a n/a NS	0		3		3			0		0	6	52 53
208 245 292	Quinnipiac River-04 Tenmile River Basin	0 n/a	n/a 3 3	0 0 0		3 0 0		3 3 3			0 0 0		3	6 6	54 55 56
314 315	Quinnipiac River Basin Quinnipiac River Basin Quinnipiac River Basin	n/a n/a n/a	n/a n/a	0		0 0		3			3		0	6	57 58
378 380 389	Willow Brook (Hadam)-01 Willow Brook (Hamden)-01 Willow Brook	0 0 n/a	n/a n/a n/a	0 0 0		3 3 0		3 3 3			0 0 3		0 0	6 6	59 60 61
440 454	Mill River Basin Mill River Basin	n/a n/a	n/a n/a	0		0		3			3		0	6	62 63
512 531 562	Willow Brook Basin Willow Brook Basin Broad Brook	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			3 3 3		0 0	6 6	64 65 66
639 746	Cuff Brook Quinnipiac River-04	n/a 0	3 n/a	0		0 3		3			0		3	6	67 68
780 810 816	Tenmile River Basin Willow Brook Basin Mill River (Cheshire)-03	n/a n/a NS	n/a 3 2	0 0		0 0 2		3 3 2			3 0 0		0 3 2	6 6	69 70 71
ALEX_1 ALEX_2	Tenmile River Basin Tenmile River Basin	n/a n/a	n/a n/a	0 0		0		3 3			3 3 3		0	6	72 73
ALLE_1 BARY_1 BARY_2	Quinnipiac River Basin Mill River Basin Mill River Basin	n/a n/a n/a	n/a n/a n/a	0		0 0		3 3 3			3 3		0 0	6 6	74 75 76
BRIG_1 BROA_1 BUTT 1	Tenmile River Basin Broad Brook Basin Mill River Basin	n/a n/a n/a	0 n/a n/a	0 0 0		0 0		3 3 3			3 3 3		0 0	6	77 78 79
CARR_3 CARR_4	Mill River Basin Mill River Basin	n/a n/a	n/a n/a	0		0		3			3		0	6	80 81
CHES_1 COLE_1 COOK_2	Quinnipiac River Basin Mill River Basin Mill River Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			3 3 3		0 0	6 6	82 83 84
COOK_3 COUN_1	Mill River Basin Quinnipiac River Basin	n/a n/a	n/a n/a	0		0		3			3		0	6	85 86
CREA_1 DCB_ALEX_1 DCB_ALEX_2	Quinnipiac River Basin Tenmile River Basin Tenmile River Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			3 3 3		0 0	6 6	87 88 89
DCB_ALEX_3 DCB_ALEX_4	Tenmile River Basin Tenmile River Basin	n/a n/a	n/a n/a	0 0 0		0 0		3 3 3			3 3 3		0	6	90 91
DCB_BARY_1 DCB_BARY_2 DCB_BRIG_1	Mill River Basin Mill River Basin Tenmile River Basin	n/a n/a n/a	n/a n/a n/a	0		0		3			3		0 0	6 6	92 93 94
DCB_BRIG_2 DCB_BRIG_3 DCB_BROA_1	Tenmile River Basin Tenmile River Basin Broad Brook Basin	n/a n/a n/a	n/a n/a n/a	0 0		0 0		3 3 3			3 3 3		0 0	6 6	95 96 97
DCB_BROA_2 DCB_BROA_3	Broad Brook Basin Broad Brook Basin	n/a n/a	n/a n/a	0		0		3			3		0	6	98 99
DCB_BROA_4 DCB_BROA_5 DCB_BROA_6	Broad Brook Basin Broad Brook Basin Broad Brook Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			3 3 3		0 0	6 6	100 101 102
DCB_BUTT_1 DCB_BUTT_2	Mill River Basin Mill River Basin	n/a n/a	n/a n/a	0		0		3			3		0	6	103 104
DCB_BUTT_3 DCB_CARR_1 DCB_CARR_2	Mill River Basin Mill River Basin Mill River Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			3 3 3		0 0	6 6	105 106 107
DCB_CHES_1 DCB_CHES_2	Quinnipiac River Basin Quinnipiac River Basin	n/a n/a	n/a n/a	0		0		3			3		0	6	108 109
DCB_CHES_3 DCB_CHES_4 DCB_COLE_1	Quinnipiac River Basin Quinnipiac River Basin Mill River Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			3 3 3		0 0	6 6	110 111 112
DCB_COLE_2 DCB_COLE_3	Mill River Basin Mill River Basin	n/a n/a	n/a n/a	0		0		3			3		0	6	113 114
DCB_COLE_4 DCB_COOK_1 DCB_COOK_2	Mill River Basin Mill River Basin Mill River Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			3 3 3		0 0	6 6	115 116 117
DCB_COOK_3 DCB_COOK_4	Mill River Basin Mill River Basin	n/a n/a	n/a n/a	0		0		3			3		0	6	118 119
DCB_COUN_1 DCB_DIANA_1 DCB_DIANA_2	Quinnipiac River Basin Quinnipiac River Basin Quinnipiac River Basin	n/a n/a n/a	n/a NS NS	0 0 0		0 0		3 3 3			3 3 3		0 0	6 6	120 121 122
DCB_EAJO_1 DCB_EAJO_2	Quinnipiac River Basin Quinnipiac River Basin	n/a n/a	n/a n/a	0		0		3			3		0	6	123 124



Catchment impections and sample results Catchment impections and sample results GIS Maps Municipal Staff Impaired Maps, Aerial Monte Maps, Aerial Monte Maps, Aerial Monte Monte Maps, Aerial Monte Monte Maps, Aerial Monte Monte Maps, Aerial Maps, Aerial Monte Maps, Aerial Monte Maps, Aerial Maps, Aeria	Other	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	125 126 127 128 130 131 132 133 134
Scoring Criteria (Yes = Problem)	TBD	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 6 6 6 6 6 6 6 6 6 6 6 6	126 127 128 129 130 131 132 133
DCB_EAJO_3 Quinnipiac River Basin n/a n/a 0 0 0 3 3 3 3 3 3 3		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 6 6 6 6 6 6 6 6 6 6 6 6	126 127 128 129 130 131 132 133
DCB_EAIO_6 Quinnipiac River Basin n/a n/a 0 0 3 3 DCB_EAIO_7 Quinnipiac River Basin n/a 0 0 3 3 3 DCB_EAIO_8 Quinnipiac River Basin n/a 0 0 3 3 3 DCB_EAIO_9 Quinnipiac River Basin n/a 0 0 3 3 3 DCB_FLAG_2 Quinnipiac River Basin n/a 0 0 3 <td< td=""><td></td><td>0 0 0 0 0 0 0 0 0 0 0 0</td><td>6 6 6 6 6 6 6 6 6</td><td>128 129 130 131 132 133</td></td<>		0 0 0 0 0 0 0 0 0 0 0 0	6 6 6 6 6 6 6 6 6	128 129 130 131 132 133
DCB_EAJO_8		0 0 0 0 0 0 0 0 0	6 6 6 6 6 6 6	130 131 132 133
DCB_FLAG_3 Quinnipiac River Basin n/a n/a 0 3 3 DCB_FLAG_4 Quinnipiac River Basin n/a n/a 0 0 3 3 DCB_FLAG_5 Quinnipiac River Basin n/a n/a 0 0 3 3 DCB_HALF_1 Mill River Basin n/a n/a 0 0 3 3 DCB_HALF_2 Mill River Basin n/a n/a 0 0 3 3 DCB_HALF_3 Mill River Basin n/a n/a 0 0 3 3 DCB_HALF_4 Mill River Basin n/a n/a 0 0 3 3 3 DCB_HALF_5 Mill River Basin n/a n/a 0 0 3 3 3 DCB_HARR_1 Willow Brook Basin n/a n/a 0 0 3 3 3 DCB_HARR_2 Willow Brook Basin n/a n/a 0 0 3 3		0 0 0 0 0 0 0 0	6 6 6 6	133
DCB_FLAG_5 Quinnipiac River Basin n/a n/a 0 0 3 3 DCB_HALF_1 Mill River Basin n/a 0 0 3 3 DCB_HALF_2 Mill River Basin n/a 0 0 3 3 DCB_HALF_3 Mill River Basin n/a 0 0 3 3 DCB_HALF_4 Mill River Basin n/a 0 0 3 3 DCB_HALF_5 Mill River Basin n/a n/a 0 0 3 3 DCB_HARR_1 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_10 Mill River Basin n/a n/a 0 0 3 3 DCB_HARR_11 Mill River Basin n/a n/a 0 0 3 3 DCB_HARR_2 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_4 Willow Brook Basin n/a n/a <td< td=""><td></td><td>0 0 0 0 0 0</td><td>6 6 6</td><td>1.54</td></td<>		0 0 0 0 0 0	6 6 6	1.54
DCB_HALF_3 Mill River Basin n/a n/a 0 3 3 DCB_HALF_4 Mill River Basin n/a n/a 0 0 3 3 DCB_HALF_5 Mill River Basin n/a n/a 0 0 3 3 DCB_HARR_1 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_10 Mill River Basin n/a n/a 0 0 3 3 DCB_HARR_11 Mill River Basin n/a n/a 0 0 3 3 DCB_HARR_11 Mill River Basin n/a n/a 0 0 3 3 DCB_HARR_2 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_3 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_5 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_6 Willow Brook		0 0 0 0	6	135 136
DCB_HALF_5 Mill River Basin n/a n/a 0 3 3 DCB_HARR_1 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_10 Mill River Basin n/a n/a 0 0 3 3 DCB_HARR_11 Mill River Basin n/a n/a 0 0 3 3 DCB_HARR_2 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_3 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_4 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_5 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_6 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_7 Mill River Basin n/a n/a 0 0 3 3 3 DCB_HARR_8		0		137 138 139
DCB_HARR_11 Mill River Basin n/a n/a 0 3 3 DCB_HARR_2 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_3 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_4 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_5 Willow Brook Basin n/a 0 0 3 3 DCB_HARR_6 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_7 Mill River Basin n/a n/a 0 0 3 3 DCB_HARR_8 Mill River Basin n/a n/a 0 0 3 3			6	140
DCB_HARR_4 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_5 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_6 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_7 Mill River Basin n/a n/a 0 0 3 3 DCB_HARR_8 Mill River Basin n/a n/a 0 0 3 3		0	6 6	142 143 144
DCB_HARR_6 Willow Brook Basin n/a n/a 0 0 3 3 DCB_HARR_7 Mill River Basin n/a n/a 0 0 3 3 DCB_HARR_8 Mill River Basin n/a n/a 0 0 3 3 3 3 3 3 3 3		0 0	6 6	145 146 147
		0	6	148 149
DCB_HARR_9 Mill River Basin n/a n/a 0 3 3 DCB_HAZE_1 Tenmile River Basin n/a n/a 0 0 3 3		0 0	6 6	150 151 152
DCB_HAZE_2 Tenmile River Basin n/a n/a 0 0 3 3 DCB_IVES_1 Willow Brook Basin n/a n/a 0 0 3 3 DCB_IVES_2 Willow Brook Basin n/a n/a 0 0 3 3		0 0	6 6	153 154 155
DCB_IVES_3 Willow Brook Basin n/a n/a 0 0 3 3 DCB_IVES_4 Willow Brook Basin n/a n/a 0 0 3 3		0 0	6	156 157 158
DCB_JINN_1 Mill River Basin n/a n/a 0 0 3 3 DCB_JINN_2 Mill River Basin n/a n/a 0 0 3 3 DCB_MARI_1 Tenmile River Basin n/a n/a 0 0 3 3		0	6 6	158 159 160
DCB_MARI_2 Tenmile River Basin n/a n/a 0 0 3 3 DCB_MARI_3 Tenmile River Basin n/a n/a 0 0 3 3 DCB_MARI_4 Tenmile River Basin n/a n/a 0 0 3 3		0 0	6	161 162 163
DCB_MOUN_1 Willow Brook Basin n/a n/a 0 3 3 DCB_MOUN_2 Willow Brook Basin n/a n/a 0 0 3 3		0	6	164 165
DCB_MSAN_1 Willow Brook Basin n/a n/a 0 3 3 DCB_NOTC_1 Tenmile River Basin n/a n/a 0 0 3 3 DCB_NOTC_2 Tenmile River Basin n/a n/a 0 0 3 3		0 0	6 6	166 167 168
DCB_OAK_1 Willow Brook Basin n/a n/a 0 0 3 3 DCB_OAK_2 Willow Brook Basin n/a n/a 0 0 3 3 DCB_PECK_1 Tenmile River Basin n/a n/a 0 0 3 3		0 0	6 6	169 170 171
DCB_PECK_2 Tenmile River Basin n/a n/a 0 0 3 3 DCB_RESE_1 Broad Brook Basin n/a n/a 0 0 3 3		0	6	172 173
DCB_RESE_2 Broad Brook Basin n/a n/a 0 0 3 3 DCB_RESE_3 Broad Brook Basin n/a n/a 0 0 3 3 DCB_RESE_4 Broad Brook Basin n/a n/a 0 0 3 3		0 0	6 6	174 175 176
DCB_RESE_5 Broad Brook Basin n/a n/a 0 0 3 3 DCB_RESE_6 Broad Brook Basin n/a n/a 0 0 3 3 DCB_SBRO_1 Willow Brook Basin n/a n/a 0 0 3 3		0 0	6 6	177 178 179
DCB_SBRO_2 Willow Brook Basin n/a n/a 0 3 3 DCB_SBRO_3 Willow Brook Basin n/a n/a 0 0 3 3		0	6	180 181
DCB_SCOTT_1 Tenmile River Basin n/a n/a 0 0 3 3 DCB_SCOTT_2 Tenmile River Basin n/a n/a 0 0 3 3 DCB_SMAI_1 Mill River Basin n/a n/a 0 0 3 3		0 0	6 6	182 183 184
DCB_SMAI_2 Mill River Basin n/a n/a 0 3 3 DCB_SMAI_3 Mill River Basin n/a n/a 0 0 3 3 DCB_SMAI_4 Mill River Basin n/a n/a 0 0 3 3		0 0	6 6	185 186 187
DCB_SMAL_5 Mill River Basin n/a n/a 0 3 3 DCB_SPER_1 Mill River Basin n/a n/a 0 0 3 3		0 0	6 6	188 189 190
DCB_SPER_3 Mill River Basin n/a n/a 0 3 3 DCB_SPLI_1 Quinnipiac River Basin n/a n/a 0 0 3 3		0	6	191 192
DCB_SUMM_1 Tenmile River Basin n/a n/a 0 0 3 3 DCB_SUMM_2 Tenmile River Basin n/a n/a 0 0 3 3 DCB_SUMM_3 Unnamed Waterbody n/a n/a 0 0 3 3		0 0	6 6	193 194 195
DCB_SUMM_4 Unnamed Waterbody n/a n/a 0 0 3 3 DCB_TALM_1 Mill River Basin n/a n/a 0 0 3 3 DCB_TALM_2 Mill River Basin n/a n/a 0 0 3 3		0 0	6 6	196 197 198
DCB_TALM_3 Quinnipiac River Basin n/a NS 0 0 3 3 DCB_TALM_4 Quinnipiac River Basin n/a NS 0 0 3 3		0	6	199 200
DCB_WOOD_1 Mill River Basin n/a n/a 0 3 3 DCB_WOOD_2 Mill River Basin n/a n/a 0 0 3 3 DCB_WOOD_3 Mill River Basin n/a n/a 0 0 3 3		0 0	6 6	201 202 203
DCB_WOOD_4 Mill River Basin n/a n/a 0 0 3 3 DCB_WOODH_1 Unnamed Waterbody n/a NS 0 0 3 3 DDCB_MARI_5 Tenmile River Basin n/a n/a 0 0 3 3		0 0	6 6	204 205 206
DDCB_MARI_6 Tenmile River Basin n/a n/a 0 0 3 3 DUND_1 Tenmile River Basin n/a 1 0 0 2 3		0	6	207 208
EAJO_1 Quinnipiac River n/a n/a 0 0 3 3 EAJO_2 Quinnipiac River n/a n/a 0 0 3 3 FAR_2 Mill River Basin n/a n/a 0 0 3 3		0 0	6 6	209 210 211
FAR_3 Mill River Basin n/a n/a 0 0 3 3 HALF_2 Mill River Basin n/a n/a 0 0 3 3 HALF_S_1 Mill River Basin n/a n/a 0 0 3 3		0 0	6	212 213 214
HARR_1 Willow Brook Basin n/a n/a 0 0 3 3 HARR_2 Willow Brook Basin n/a n/a 0 0 3 3		0	6	215 216
HARR_3 Willow Brook Basin n/a n/a 0 0 3 3 HARR_4 Willow Brook Basin n/a n/a 0 0 3 3 HARR_5 Willow Brook Basin n/a n/a 0 0 3 3		0 0	6 6	217 218 219
HARR_6 Willow Brook Basin n/a n/a 0 0 3 3 HARR_7 Willow Brook Basin n/a n/a 0 0 3 3 HARR_8 Mill River Basin n/a n/a 0 0 3 3		0 0	6 6	220 221 222
IVES_1 Willow Brook Basin n/a n/a 0 0 3 3 IVES_2 Willow Brook Basin n/a n/a 0 0 3 3		0	6	223 224
IVES_3 Willow Brook Basin n/a n/a 0 0 3 3 JARV_1 Tenmile River Basin n/a 3 0 0 3 0 JINN_1 Mill River Basin n/a n/a 0 0 3 3		0 3 0	6 6	225 226 227
MARI_1 Tenmile River Basin n/a n/a 0 0 3 3 MARI_3 Tenmile River Basin n/a n/a 0 0 3 3 MOUN_1 Willow Brook Basin n/a n/a 0 0 3 3		0 0	6 6	228 229 230
MOUN_2 Willow Brook Basin n/a n/a 0 0 3 3 MSAN_1 Willow Brook Basin n/a n/a 0 0 3 3		0	6	231 232
NPON_2 Quinnipiac River Basin n/a 1 0 0 2 3 OAK_1 Willow Brook Basin n/a n/a 0 0 3 3 OLDF_3 Mill River Basin n/a 1 0 0 2 3		1 0 1	6 6	233 234 235
OLDL 1 Mill River / Shepard Brook 0 n/a 0 3 3 0 PECK_2 Tenmile River Basin n/a 0 0 0 3 3 3 RESE_2 Broad Brook Basin n/a n/a 0 0 3 3 3		0 0	6 6	236 237 238
SBRO_1 Sanford Brook n/a n/a 0 0 3 3 SBRO_2 Willow Brook Basin n/a n/a 0 0 3 3		0	6	239 240
SIND_1 Quinnipiac River Basin n/a n/a 0 0 3 3 SPER_1 Unnamed Waterbody n/a n/a 0 0 3 3 SPER_2 Unnamed Waterbody n/a n/a 0 0 3 3		0 0	6 6	241 242 243
SPLI_1 Quinnipiac River Basin n/a n/a 0 0 3 3 WALL_E_2 Broad Brook n/a n/a 0 0 3 3 WOOD_1 Mill River Basin n/a n/a 0 0 3 3		0 0	6 6	244 245 246
WOOD_1 Mill River Basin n/a n/a 0 3 3 WOOD_2 Mill River Basin n/a n/a 0 0 3 3 WOODH_1 Mill River Basin n/a NS 0 0 3 3 WOODH_2 Mill River Basin n/a n/a 0 0 3 3		0 0	6 6	246 247 248 249



Catchment ID	Receiving Water	Wet Sampling Results Indicate Likely Illicit Discharge? ¹	Dry Screening Results Indicate Likely Illicit Discharge? ^{1a}	Discharging to Area of Concern to Public Health?	Frequency of Past Discharge Complaints	Receiving Water Quality ³	Density of Generating Sites ⁴	Age of Development/ Infrastructure ⁵	Historic Combined Sewers or Septic? ⁶	Aging Septic? ⁷	Culverted Streams? 8	Additional Characteristics	score	Score	anking
	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	Sample Score	Overall Score	Priority Ranking
	Scoring Criteria (Yes = Problem)	extrapolated for	mined using an mula based on the sults	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	-		
29 31	Tenmile River Tenmile River Basin	n/a n/a	2 4	0	None = 0	0	Low - 1	3			0		2 4	5	250 251
94 108	Quinnipiac River Basin Tenmile River Basin	n/a n/a	NS 3	0		0		2 2			0		3	5	252 253
111 287 336	Quinnipiac River Basin Quinnipiac River Basin Mill River (Cheshire)-03	n/a n/a 0	2 2 n/a	0 0 0		0 0 2		3 3 3			0 0		2 0	5 5 5	254 255 256
354 425 446	Mill River (Cheshire)-03 Sanford Brook Mill River Basin	0 n/a n/a	n/a NS n/a	0 0 0		0 0		3 2 2			3 3		0 0	5 5	257 258 259
447 496	Mill River Basin Mill River (Cheshire)-03	n/a 0	n/a n/a	0		0 2		2 3			3 0		0	5	260 261
525 532 543	Willow Brook Basin Mill River (Cheshire)-03 Mill River (Cheshire)-03	n/a 0 0	2 n/a n/a	0 0 0		0 2 2		3 3 3			0 0		0 0	5 5 5	262 263 264
559 602	Mill River Basin Tenmile River Basin	n/a n/a	2 4	0		0		3 1			0		2 4	5	265 266
626 629 646	Quinnipiac River Basin Tenmile River Basin Mill River Basin	n/a n/a n/a	2 2 2	0 0 0		0 0		3 3 3			0 0		2 2 2	5 5 5	267 268 269
653 655	Quinnipiac River Basin Quinnipiac River Basin	n/a n/a	2 2	0		0		3			0		2	5	270 271
669 674 675	Tenmile River (Southington/Cheshire)-01 Tenmile River (Southington/Cheshire)-01 Tenmile River (Southington/Cheshire)-01	0 0	n/a n/a n/a	0 0 0		2 2 2		3 3 3			0 0		0 0	5 5 5	272 273 274
697 704	Tenmile River Basin Quinnipiac River Basin Willow Break	n/a n/a	2 2	0		0		3 3			0		2 2	5 5	275 276
715 724 725	Willow Brook Willow Brook Basin Willow Brook Basin	n/a n/a n/a	2 2 2	0 0 0		0 0		3 3 3			0 0 0		2 2 2	5 5 5	277 278 279
735 798 847	Broad Brook Basin Willow Brook Basin Quinnipiac River Basin	n/a n/a n/a	2 2 2	0 0 0		0 0		3 3 3			0 0 0		2 2 2	5 5 5	280 281 282
ANDR_1 ANDR_2	Broad Brook Basin Broad Brook Basin	n/a n/a	n/a n/a	0		0		2 2			3		0	5	283 284
BUCK_1 DCB_ABRA_1 DCB_BUCK_1	Quinnipiac River Basin Willow Brook Basin Ouinnipiac River Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		2 2 2			3 3 3		0 0	5 5 5	285 286 287
DCB_DUND_1 DCB_DUND_2	Tenmile River Basin Tenmile River Basin	n/a n/a	n/a n/a	0		0		2 2			3		0	5	288 289
DCB_HARV_1 DCB_HARV_2 DCB_LANC_1	Quinnipiac River Basin Quinnipiac River Basin Tenmile River Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		2 2 2			3 3 3		0 0	5 5 5	290 291 292
DCB_LANC_2 DCB_NPON_1	Tenmile River Basin Quinnipiac River Basin	n/a n/a	n/a n/a	0		0		2 2			3		0	5	293 294
DCB_NPON_2 DCB_NPON_3 DCB_OLDF_1	Quinnipiac River Basin Quinnipiac River Basin Butterworth Brook	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		2 2 2			3 3 3		0 0	5 5 5	295 296 297
DCB_OLDF_2 DCB_OLDF_3	Butterworth Brook Mill River Basin	n/a n/a	n/a n/a	0		0		2 2			3 3		0	5	298 299
DCB_OLDF_4 DCB_OLDF_5 DCB_OLDF_6	Mill River Basin Mill River Basin Mill River Basin	n/a n/a n/a	n/a n/a n/a	0 0		0 0		2 2 2			3 3 3		0 0	5 5 5	300 301 302
DCB_OLDF_7 DCB_OLDF_8 DCB_SCEN_1	Mill River Basin Mill River Basin Quinnipiac River Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		2 2 2			3 3 3		0 0	5 5 5	303 304 305
DCB_SCEN_2 DCB_STUA_1	Quinnipiac River Basin Mill River Basin	n/a n/a	n/a n/a	0		0		2 2			3		0	5	306 307
DCB_STUA_2 DCB_TROU_1 DCB_TROU_2	Mill River Basin Quinnipiac River Basin Quinnipiac River Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		2 2 2			3 3 3		0 0	5 5	308 309 310
LANC_1 NPON_1	Tenmile River Basin Quinnipiac River Basin	n/a n/a	n/a n/a	0		0		2 2			3		0	5	311 312
OLDF_1 OLDF_2 OLDF_4	Butterworth Brook Mill River Basin Mill River Basin	n/a n/a n/a	n/a n/a 0	0 0 0		0 0		2 2 2			3 3 3		0 0	5 5 5	313 314 315
WALL_1 6 33	Mill River (Cheshire)-03 Broad Brook Basin Tenmile River Basin	0 n/a n/a	n/a 2 2	0 0 0		0 0		3 2 2			0 0 0		0 2 2	5 4 4	316 317 318
151 243	Honeypot Brook Judd Brook	n/a n/a	1 1	0		0		3 3			0 0		1	4 4	319 320
259 297 302	Beaver Pond Brook Basin Quinnipiac River Basin Tenmile River Basin	n/a n/a n/a	1 1 1	0 0 0		0 0		3 3 3			0 0		1 1	4 4	321 322 323
323 370	Mill River Basin Tenmile River Basin	n/a n/a	1 1	0		0		3			0		1	4	324 325
391 435 452	Willow Brook Basin Willow Brook Basin Mill River Basin	n/a n/a n/a	2 1 1	0 0 0		0 0		3 3			0 0		1	4 4	326 327 328
457 479	Mill River Basin Willow Brook Basin	n/a n/a	1 1	0		0		3 3			0		1	4	329 330
526 544 547	Willow Brook Basin Mill River Basin Broad Brook Basin	n/a n/a n/a	1 1 2	0 0		0 0		3 3 2			0 0		1 1 2	4 4 4	331 332 333
549 627 709	Broad Brook Basin Tenmile River Basin Broad Brook Basin	n/a n/a n/a	2 1 1	0 0 0		0 0		3 3			0 0		1	4 4	334 335 336
713 723	Willow Brook Basin Willow Brook Basin	n/a n/a	1 1	0		0		3 3			0		1 1	4	337 338
736 749 770	Broad Brook Basin Quinnipiac River Basin Willow Brook Basin	n/a n/a n/a	1 1 1	0 0 0		0 0		3 3 3			0 0		1 1 1	4 4	339 340 341
846 DEAN_1	Quinnipiac River Basin Mill River (Cheshire)-03	n/a NS	1 n/a	0		0 2		3 2			0		0	4	342 343
SBRO_3 WATE_2 15	Willow Brook Tenmile River Basin Broad Brook Basin	n/a n/a n/a	1 1 n/a	0 0 0		0 0		3 3 3			0 0		1 1 0	4 4 3	344 345 346
17 18	Quinnipiac River Basin Honeypot Brook	n/a n/a	n/a n/a	0		0		3 3			0		0	3 3	347 348
28 30 44	Tenmile River Basin Tenmile River West Johnson Avenue Pond	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			0 0		0 0	3	349 350 351
45 46 50	Tenmile River Basin Tenmile River Basin Quinnipiac River Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			0 0 0		0 0	3 3 3	352 353 354
52 55	Tenmile River Basin Quinnipiac River Basin	n/a n/a	n/a n/a	0		0		3 3			0		0	3	355 356
57 58 72	Honeypot Brook Honeypot Brook Tenmile River Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			0 0		0 0	3 3	357 358 359
98 107	Tenmile River Basin Tenmile River Basin	n/a n/a	n/a n/a	0		0		3 3			0		0	3	360 361
112 116 119	Quinnipiac River Basin Quinnipiac River Basin Honeypot Brook	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			0 0		0 0	3 3	362 363 364
120 123	Honeypot Brook Quinnipiac River Basin	n/a n/a	n/a n/a	0		0		3			0		0	3	365 366
126 131 134	Quinnipiac River Basin Quinnipiac River Basin Quinnipiac River Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			0 0		0 0	3 3	367 368 369
146 148 149	Tenmile River Basin Honeypot Brook	n/a n/a	n/a n/a	0 0		0 0		3 3			0 0		0 0	3 3	370 371 372
149 152 153	Quinnipiac River Basin Broad Brook Quinnipiac River Basin	n/a n/a n/a	1 0 n/a	0		0 0		3 3			0 0		0 0	3 3	372 373 374



164	a		n/a n/a n/a n/a n/a n/a n/a 1 1 n/a 1 n/a n/a	GIS Maps Yes = 3 No = 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Municipal Staff Frequent = 3 Occasional = 2 None = 0	Impaired Waters List Poor = 3 Fair = 2 Good = 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Land Use/GIS Maps, Aerial Photography High = 3 Medium = 2 Low = 1	Land Use Information, Visual Observation High = 3 Medium = 2 Low = 1 3 3 3 3 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3	Municipal Staff, GIS Maps Yes = 3 No = 0	Land Use, Municipal Staff Yes = 3 No = 0	GIS and Stormwater system Maps Yes = 3 No = 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Other	Sample Score 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	375 376 377 378 379 380 381 382 383 384 385 386 387 391 392 393 394 395 396 397
(Yes = Problem 163	piac River Basin la River Ba	extrapolated form rest	mula based on the ults n/a	No = 0 O O O O O O O O O O O O O O O O O O	Occasional = 2	Fair = 2 Good = 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Medium = 2	Medium = 2 Low = 1 3 3 3 3 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3			No = 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TBD	0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	376 377 378 379 380 381 382 383 384 385 386 387 389 390 391 392 393 394 396 397
164	piac River Basin piac River Basin l River Basin l River Basin l River Basin like River Basi	n/a	n/a n/a n/a 1 1 n/a 1 n/a 1 n/a	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3 3 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	376 377 378 379 380 381 382 383 384 385 386 387 389 390 391 392 393 394 396 397
213	River Basin 20ff Brook 20nd Brook Basin 20le River Basin 20le	n/a	1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	378 379 380 381 382 383 384 385 386 387 388 390 391 392 393 394 395 396 397
232 Beaver P 237 Tenmi 242 Tenmi 255 Tenmi 256 Tenmi 257 Beaver P 262 C 263 C 264 Tenmi 269 Tenmi 273 Quinnig 274 Ter 275 Te 276 Tenmi 277 Tenmi 278 Tenmi 280 Willov 281 Willov 281 Willov 282 Tenmi 283 Tenmi 284 Quinnig 285 Quinnig 286 Quinnig 289 Quinnig 290 Hon 293 Quinnig 294 Quinnig 295 Quinnig 296 Quinnig 299 Quinnig 299 Quinnig	Pond Brook Basin ille River Basin Pond Brook Basin Pond Brook ille River Basin ille River B	n/a	n/a 1 n/a n/a n/a n/a n/a n/a n/	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397
242 Tenmi 255 Tenmi 256 Tenmi 257 Beaver P 262 C 263 C 264 Tenmi 269 Tenmi 273 Quinnig 274 Te 275 Te 276 Tenmi 277 Tenmi 278 Tenmi 280 Willoo 281 Willoo 282 Tenmi 283 Tenmi 284 Quinnig 285 Quinnig 286 Quinnig 289 Quinnig 290 Hon 293 Quinnig 294 Quinnig 295 Quinnig 296 Quinnig 299 Quinnig 301 Willoo 302 Hon 303 Tenmi 304 Hon 3	ile River Basin ile River Basin ile River Basin ile River Basin 20nd Brook Basin 20nd Brook Basin 20nd Brook alle River Basin ile River Basin ile River Basin piac River Basin ile River Basin piac River Basin p	n/a	n/a n/a n/a n/a NS n/a 0 0 n/a	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	382 383 384 385 386 387 388 390 391 392 393 394 395 396 397
256 Tenmi 257 Beaver P 262 C 263 C 264 Tenmi 269 Tenmi 273 Quinnig 274 Te 275 Te 276 Tenmi 277 Tenmi 280 Willoo 281 Willoo 282 Tenmi 283 Tenmi 284 Quinnig 285 Quinnig 286 Quinnig 289 Quinnig 290 Hon 293 Quinnig 294 Quinnig 295 Quinnig 296 Quinnig 299 Quinnig <	sile River Basin Cond Brook Basin Cuff Brook Luff Basin Luff Brook Luff B	n/a	NS n/a 0 0 n/a n/a n/a n/a n/a NS n/a 0 0 0 0 0 0 0 0 0 n/a n/a	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	384 385 386 387 388 389 390 391 392 393 394 395 396 397
262 CC 263 C 264 Tenmi 269 Tenmi 273 Quinnij 274 Te 275 Te 276 Tenmi 277 Tenmi 280 Willoo 281 Willoo 282 Tenmi 283 Tenmi 284 Quinnij 285 Quinnij 286 Quinnij 287 Quinnij 290 Hon 293 Quinnij 294 Quinnij 295 Quinnij 296 Quinnij 299 Quinnij 301 Willoo 303 Tenmi 304 Hon 305 Hon 306 Hon 307 Willoo 308 Willoo 309 Willoo 300 Willoo 3	Cuff Brook Cuff Brook Luff Brook Luff Brook Luff Brook Luff Brook Luff River Basin Luft River Basin Luft River Basin Luft River Luft Basin Luft River Luft Basin Luft River Basi	n/a	0 0 n/a	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	386 387 388 389 390 391 392 393 394 395 396 397
264 Tenmi 269 Tenmi 273 Quinnig 274 Tel 275 Ter 276 Tenmi 277 Tenmi 280 Willoo 281 Willoo 282 Tenmi 283 Tenmi 285 Quinnig 286 Quinnig 289 Quinnig 290 Hon 293 Quinnig 290 Hon 293 Quinnig 294 Quinnig 295 Quinnig 299 Quinnig 299 Quinnig 299 Quinnig 299 Quinnig 299 Quinnig 299 Quinnig 306 Hon 307 Willoo 310 Willoo 311 Willoo 312 Willoo 313 Willoo	sile River Basin jiac River Basin piac River Basin piac River Basin piac River Basin nmile River iile River Basin jiac River Basin piac River Basin w Brook Basin	n/a	n/a n/a n/a n/a n/a n/a n/a n/a NS n/a 0 0 0 n/a	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0	3 3 3 3 3 3 3 3 3 3	388 389 390 391 392 393 394 395 396 397
274 Te 275 Te 276 Tenmi 277 Tenmi 280 Willox 281 Willox 281 Willox 281 Willox 282 Tenmi 283 Tenmi 284 Quinnig 285 Quinnig 288 Mill 289 Quinnig 290 Hon 293 Quinnig 294 Quinnig 295 Quinnig 296 Quinnig 299 Quinnig 301 Willox 303 Tenmi 305 Hon 306 Hon 307 Willox 310 Willox 311 Willox 312 Willox 313 Willox 314 Willox 321 Willox 322 Broad I	nmile River nmile River nmile River ille River Basin piac River Basin w Brook Basin	n/a	NS n/a 0 0 0 n/a n/a n/a n/a n/a	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			0 0 0 0 0 0 0 0		0 0 0 0 0 0	3 3 3 3 3 3 3	391 392 393 394 395 396 397
276 Tenmi 277 Tenmi 278 Tenmi 280 Willov 281 Willov 282 Tenmi 283 Tenmi 285 Quinnig 288 Mill 289 Quinnig 290 Hon 293 Quinnig 294 Quinnig 295 Quinnig 299 Quinnig 306 Hon 307 Willo 308 Willo 309 Willo 310 Willo 311 Willo 312 Willo 313 Willo 314 Willo	ile River Basin ile River Basin ile River Basin we Brook Basin we Brook Basin we Brook Basin ile River Basin ile River Basin ile River Basin ile River Basin piac River Basin we Brook Basin	n/a	0 0 0 n/a	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0		3 3 3 3 3 3 3 3 3 3			0 0 0 0 0		0 0 0 0 0	3 3 3 3 3	393 394 395 396 397
278 Tenni 280 Willoo 281 Willoo 282 Tenmi 283 Tenmi 285 Quinnij 286 Quinnij 289 Quinnij 290 Hon 293 Quinnij 294 Quinnij 295 Quinnij 296 Quinnij 301 Willoo 303 Tenmi 304 Hon 305 Hon 306 Hon 307 Willoo 308 Willoo 309 Willoo 310 Willoo 311 Willoo 312 Willoo 313 Willoo 314 Willoo 321 Willoo 322 Broad I 321 Willoo 322 Broad I 321 Willoo 322 Mill	ile River Basin w Brook Basin w Brook Basin ile River Basin jile River Bas	n/a	0 n/a	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0		3 3 3 3 3 3 3			0 0 0 0		0 0 0	3 3 3	395 396 397
281 Willow 282 Tenmi 283 Tenmi 285 Quinnij 288 Mill 289 Quinnij 290 Hon 293 Quinnij 294 Quinnij 295 Quinnij 299 Quinnij 299 Quinnij 301 Willow 303 Tenmi 306 Hon 307 Willow 308 Willow 309 Willow 310 Willow 311 Willow 312 Broad I 320 Broad I 321 Willow 322 Mill 323 Willow 331 Willow 332 Willow 333 Willow 333 Willow 333 Willow 333 Willow 334 Willow	w Brook Basin ile River Basin jile River Basin jile River Basin piac River Basin w Brook Basin	n/a	n/a	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0		3 3 3 3 3			0 0 0		0	3	397
283 Tennii 285 Quinnij 286 Quinnij 288 Mill 289 Quinnij 290 Hon 293 Quinnij 294 Quinnij 295 Quinnij 299 Quinnij 301 Willov 302 Hon 305 Hon 306 Hon 307 Willov 308 Willov 309 Willov 310 Willov 311 Willov 312 Willov 313 Willov 320 Broad I 321 Willov 322 Millov 331 Willov 332 Willov 333 Willov 331 Willov 332 Willov 333 Willov 333 Willov 333 Willov 333 </td <td>ile River Basin piac River Basin piac River Basin I River Basin I River Basin piac River Basin w Brook Basin</td> <td>n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a</td> <td>n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a</td> <td>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td></td> <td>0 0 0 0 0</td> <td></td> <td>3 3 3</td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td>398</td>	ile River Basin piac River Basin piac River Basin I River Basin I River Basin piac River Basin w Brook Basin	n/a	n/a	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0		3 3 3			0				398
286 Quinnig 288 Mill 289 Quinnig 290 Hon 293 Quinnig 294 Quinnig 295 Quinnig 296 Quinnig 299 Quinnig 301 Willoo 303 Tenmi 305 Hon 306 Hon 307 Willoo 308 Willoo 310 Willoo 311 Willoo 311 Willoo 312 Willoo 313 Willoo 314 Willoo 315 Willoo 316 Willoo 317 Willoo 318 Willoo 319 Broad I 320 Broad I 321 Willoo 322 Willoo 324 Mill 327 Mill 330 Willoo 331 Willoo 331 Willoo 331 Willoo 331 Willoo 332 Willoo 333 Willoo 333 Willoo 333 Willoo 333 Willoo 333 Willoo 333 Willoo 335 Willoo 336 Willoo 351 Willoo 351 Willoo 351 Willoo 352 Roc 353 Roc 355 Mill 362 Tenmi 363 Tenmi 364 Willoo 371 Hon 372 Hon 373 Moc 374 Willoo 375 Willoo 375 Willoo 377 Willoo 377 Hon 377 Hon 377 Hon 377 Hon 377 Willoo 377 Willoo 378 Willoo 379 Willoo 370 Willoo 371 Hon 371 Hon 372 Hon 373 Moc 374 Willoo 375 Willoo 375 Willoo 377 Willoo 377 Willoo 377 Willoo 377 Willoo 377 Willoo 378 Willoo 379 Willoo 370 Willoo 370 Willoo 371 Hon 372 Hon 373 Moc 374 Willoo 375 Willoo 375 Willoo 376 Willoo 377 Willoo 377 Willoo 378 Willoo 379 Willoo 370 Willoo 370 Willoo 371 Hon 372 Hon 373 Moc 374 Willoo 375 Willoo 375 Willoo 376 Willoo 377 Willoo 377 Willoo 378 Willoo 379 Willoo 370 Willoo 370 Willoo 371 Hon 372 Hon 373 Moc 374 Willoo 375 Willoo 375 Willoo 375 Willoo 375 Willoo 376 Willoo 377 Willoo 377 Willoo 378 Willoo 379 Willoo 370 Willoo 370 Willoo 371 Hon 372 Hon 373 Moc 374 Willoo 375 Willoo 377 Willoo 377 Willoo 377 Willoo 378 Willoo 379 Willoo 370 Willo	piac River Basin I River Basin Diac Rive	n/a	n/a NS n/a n/a 0 NS n/a 0 NS n/a	0 0 0 0 0 0 0 0 0 0		0 0 0 0		3					0	3	399 400
290 Hon 293 Quinnig 294 Quinnig 295 Quinnig 296 Quinnig 299 Quinnig 301 Willoo 302 Tenmi 305 Hon 306 Hon 307 Willoo 308 Willoo 310 Willoo 311 Willoo 312 Willoo 313 Willoo 320 Broad F 321 Willoo 322 Willoo 331 Willoo 332 Willoo 333 Willoo 333 Willoo 333 Willoo 334 Willoo 337 Willoo 337 Willoo 337 Willoo 337 Willoo 341 Br 347 Willoo 350 Willoo	neypot Brook piac River Basin piac Prook perpot Brook perpot Brook perpot Brook perpot Brook perpot Brook perpot Brook perpot Basin perpok Reservoir	n/a	n/a 0 NS n/a n/a NS NS n/a n/a NS NS n/a n/a n/a n/a n/a n/a n/a n/a	0 0 0 0 0 0 0		0					0		0	3	401
293 Quinnig 294 Quinnig 295 Quinnig 296 Quinnig 299 Quinnig 299 Quinnig 301 Willoo 302 Hon 306 Hon 307 Willoo 308 Willoo 309 Willoo 310 Willoo 317 Willoo 318 Willoo 319 Broad I 320 Broad I 321 Willoo 324 Mill 327 Mill 330 Willoo 331 Willoo 332 Willoo 333 Willoo 333 Willoo 3341 Br 3441 Br 347 Willoo 348 Willoo 350 Willoo 351 Willoo 352 Ro	piac River Basin w Brook Basin	n/a	0 NS n/a n/a NS NS NS n/a n/a n/a n/a n/a n/a n/a n/a	0 0 0 0 0 0		0		3			0		0	3	403 404
296 Quinnij 299 Quinnij 301 Willov 303 Tenmi 305 Hon 306 Hon 307 Willov 308 Willov 309 Willov 310 Willov 311 Willov 318 Willov 319 Broad F 320 Broad F 321 Willov 322 Millov 331 Willov 332 Willov 333 Willov 333 Willov 333 Willov 334 Willov 337 Willov 344 Willov 345 Willov 347 Willov 348 Willov 349 Willov 350 Willov 351 Willov 352 Ro 353 Ro <tr< td=""><td>piac River Basin piac River Basin w Brook Basin ile River Basin ile River Basin heypot Brook w Brook Basin w Brook Basin</td><td>n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a</td><td>n/a NS NS n/a n/a n/a n/a n/a n/a n/a</td><td>0 0 0 0</td><td></td><td></td><td>_</td><td>3</td><td>_</td><td></td><td>0</td><td></td><td>0</td><td>3</td><td>405 406</td></tr<>	piac River Basin piac River Basin w Brook Basin ile River Basin ile River Basin heypot Brook w Brook Basin	n/a	n/a NS NS n/a n/a n/a n/a n/a n/a n/a	0 0 0 0			_	3	_		0		0	3	405 406
301 Willov 303 Tenmi 305 Hon 306 Hon 307 Willov 308 Willov 309 Willov 310 Willov 311 Willov 311 Willov 312 Broad I 320 Broad I 321 Willov 324 Millov 327 Millov 324 Millov 330 Willov 331 Willov 331 Willov 331 Willov 331 Willov 331 Willov 331 Willov 332 Willov 333 Willov 333 Willov 331 Willov 332 Willov 333 Willov 333 Willov 335 Willov 351 Willov 355 Millov 355 Millov 355 Millov 351 Willov 355 Millov 351 Willov 355 Millov 351 Willov 351 Willov 352 Rog 353 Rog 353 Rog 353 Rog 353 Rog 353 Rog 354 Millov 355 Millov 355 Millov 355 Millov 357 Willov 358 Rog 357 Millov 358 Rog 357 Millov 358 Millov 359 Willov 350 Willov 351 Willov 351 Willov 352 Rog 353 Rog 353 Rog 353 Rog 355 Millov 368 Quinnig 371 Hon 372 Hon 373 Mou 374 Willov 375 Willov 377 Willov 377 Willov 378 Willov 379 Willov 379 Willov 370 Willov 371 Willov 371 Willov 372 Hon 373 Mou 374 Willov 375 Willov 375 Willov 376 Sar 377 Willov 377 Willov 378 Willov 379 Willov 379 Willov 370 Willov 370 Willov 371 Willov 373 Mou 374 Willov 375 Willov 375 Willov 375 Willov 377 Willov 378 Willov 379 Willov 379 Willov 370 Willov 370 Willov 371 Willov 372 Willov 373 Millov 374 Willov 375 Willov 375 Willov 375 Willov 377 Willov 377 Willov 378 Willov 379 Willov 370 Willov 370 Willov 371 Willov 372 Willov 373 Millov 374 Willov 375 Willov 375 Willov 375 Willov	w Brook Basin ile River Basin leypot Brook leypot Brook w Brook Basin	n/a	NS n/a n/a n/a n/a n/a n/a n/a n/a n/a	0	ļ	0		3			0		0	3	407 408
305 Hon 306 Hon 307 Willoo 308 Willoo 309 Willoo 310 Willoo 3110 Willoo 317 Willoo 318 Willoo 319 Broad I 320 Broad I 321 Willoo 324 Mill 324 Mill 324 Mill 327 Mill 330 Willoo 331 Willoo 331 Willoo 331 Willoo 331 Willoo 331 Willoo 332 Willoo 333 Willoo 333 Willoo 333 Willoo 335 Willoo 336 Willoo 351 Willoo 350 Willoo 351 Willoo 355 Mill 368 Willoo 368 Quinni 364 Willoo 368 Quinni 371 Hon 372 Hon 373 Mot 374 Willoo 375 Willoo 377 Willoo	neypot Brook neypot Brook w Brook Basin	n/a	n/a n/a n/a n/a n/a			0		3			0		0	3	410
307 Willov 308 Willov 309 Willov 309 Willov 310 Willov 311 Willov 318 Willov 319 Broad I 320 Broad I 321 Willov 324 Mill 327 Mill 330 Willov 331 Willov 331 Willov 331 Willov 332 Willov 333 Willov 333 Willov 335 Willov 337 Willov 338 Willov 337 Willov 348 Willov 350 Willov 351 Willov 351 Willov 355 Roi 355 Mill 356 Mill 362 Tenmi 363 Tenmi 364 Willov 368 Quinnig 371 Hon 372 Hon 373 Hon 374 Willov 375 Willov 371 Hon 372 Hon 373 Hon 374 Willov 375 Willov 375 Willov 371 Hon 372 Hon 373 Hon 374 Willov 375 Willov 375 Willov 371 Hon 372 Hon 373 Hon 374 Willov 375 Willov 375 Willov 375 Willov 376 Sorgan Sorgan 377 Willov 378 Sorgan Sorgan 379 Willov 370 Willov 371 Hon 372 Hon 373 Hon 374 Willov 375 Willov 375 Willov 376 Willov 377 Willov 377 Willov 378 Willov 379 Willov 370 Willov 371 Willov 371 Willov 372 Willov 373 Willov 374 Willov 375 Willov 376 Sorgan 377 Willov 377 Willov 378 Willov 379 Willov 370 Willov 371 Willov 371 Willov 372 Willov 373 Willov 374 Willov 375 Willov 376 Sorgan 377 Willov 377 Willov 378 Willov 379 Willov 370 Willov 370 Willov 371 Willov 372 Willov 373 Willov 374 Willov 375 Willov 375 Willov 376 Sorgan 377 Willov 377 Willov 378 Willov 379 Willov 370 Willov 370 Willov 371 Willov 372 Willov 373 Willov 374 Willov 375 Willov 375 Willov 375 Willov	w Brook Basin Brook Reservoir	n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a	0		0 0		3 3 3			0 0 0		0 0	3 3	411 412 413
309 Willov 310 Willov 317 Willov 317 Willov 318 Willov 319 Broad I 320 Broad I 321 Willov 324 Mill 327 Mill 330 Willov 331 Willov 331 Willov 331 Willov 332 Willov 333 Willov 333 Willov 335 Willov 337 Willov 338 Willov 337 Willov 338 Willov 341 Br 344 Willov 348 Willov 349 Willov 350 Willov 351 Willov 355 Mill 352 Roa 353 Roa 355 Mill 362 Tenmi 363 Tenmi 364 Willov 368 Quinnig 371 Hon 372 Hon 373 Mot 374 Willov 375 Willov 377 Willov 377 Willov 378 Brool 379 Hon 371 Hon 372 Hon 373 Mot 374 Willov 375 Willov 375 Willov 376 Willov 377 Willov 377 Willov 378 Brool 379 Willov 371 Willov 371 Willov 372 Hon 373 Mot 374 Willov 375 Willov 375 Willov 376 Willov 377 Willov 377 Willov 378 Willov 379 Willov 370 Willov 371 Willov 371 Willov 372 Willov 373 Mot 374 Willov 375 Willov 375 Willov 376 Willov 377 Willov 377 Willov 378 Willov 379 Willov 370 Willov 371 Willov 371 Willov 373 Willov 374 Willov 375 Willov 376 Sar 377 Willov 377 Willov 378 Willov 379 Willov 370 Willov 370 Willov 371 Willov 371 Willov 372 Willov 373 Willov 374 Willov 375 Willov 375 Willov 377 Willov 378 Willov 379 Willov 370 Willov 370 Willov 371 Willov 371 Willov 372 Willov 373 Willov 374 Willov 375 Willov 375 Willov 377 Willov 378 Willov 379 Willov 370 Willov 370 Willov 370 Willov 371 Willov 371 Willov 372 Willov 373 Millov 374 Willov 375 Willov 375 Willov 375 Willov	w Brook Basin w Brook Basin w Brook Basin w Brook Basin w Brook Reservoir	n/a n/a n/a n/a n/a	n/a	0 0		0 0		3 3			0		0 0	3	413 414 415
317 Willov 318 Willov 319 Broad I 320 Broad I 321 Willov 324 Mill 330 Willov 331 Willov 332 Willov 333 Willov 337 Willov 338 Willov 341 Br 347 Willov 348 Willov 350 Willov 351 Willov 352 Ro 353 Ro 355 Mill 366 Mill 367 Tenmi 368 Quinnig 371 Hon 372 Hon 373 Mou 374 Willov 381 Willov 382 Willov 373 Mou 374 Willov 381 Willov 382	w Brook Basin Brook Reservoir	n/a n/a n/a	n/a	0		0		3			0		0	3	416 417
320 Broad I 321 Willox 324 Mill 327 Mill 327 Mill 330 Willox 331 Willox 331 Willox 332 Willox 333 Willox 333 Willox 333 Willox 334 Willox 344 Willox 348 Willox 349 Willox 350 Willox 351 Willox 355 Roi 355 Roi 355 Mill 362 Tenmi 364 Willox 368 Quinnig 371 Hon 372 Hon 373 Mon 374 Willox 371 Hon 372 Hon 373 Mon 374 Willox 375 Willox 375 Willox 375 Willox 375 Willox 375 Willox 371 Hon 372 Hon 373 Mon 374 Willox 375 Willox 375 Willox 371 Willox 375 Willox 371 Willox 375 Willox 371 Willox 371 Willox 372 Hon 373 Mon 374 Willox 375 Willox 375 Willox 381 Willox 385 Brool 410 Roi 411 Willox 415 Willox 416 Willox 417 Willox 418 Willox 419 Willox 410 Roi 410 Roi 411 Willox 411 Willox 415 Willox 416 Willox 426 Sar 434 Willox 437 Willox 453 Mill 455 Millox 455 Mill			n/a n/a	0		0		3			0		0	3	418 419
324 Mill 327 Mill 327 Mill 330 Willox 331 Willox 331 Willox 332 Willox 333 Willox 333 Willox 337 Willox 338 Willox 341 Br 347 Willox 348 Willox 349 Willox 350 Willox 351 Willox 351 Willox 352 Rox 353 Rox 355 Mill 356 Mill 362 Tenmi 364 Wi 368 Quinni 371 Hon 372 Hon 373 Mou 374 Willox 373 Mou 374 Willox 375 Willox 375 Willox 371 Hon 372 Hon 373 Mou 374 Willox 375 Willox 371 Willox 371 Hon 372 Hon 373 Mou 374 Willox 375 Willox 371 Willox 375 Willox 371 Willox 375 Willox 375 Willox 371 Willox 375 Willox 371 Willox 373 Willox 374 Willox 375 Willox 375 Willox 381 Willox 375 Willox 385 Brool 410 Rox 411 Willox 412 Willox 415 Willox 416 Willox 426 Sar 434 Willox 437 Willox 443 Willox 445 Sar 4431 Willox 445 Mill			n/a n/a	0		0		3			0		0	3	420 421
330 Willov 331 Willov 332 Willov 333 Willov 333 Willov 337 Willov 338 Willov 337 Willov 344 Willov 349 Willov 350 Willov 351 Willov 352 Roc 353 Roc 355 Mill 362 Tenmi 363 Tenmi 364 Willov 368 Quinnig 371 Hon 372 Hon 373 Moc 373 Moc 374 Willov 375 Willov 375 Willov 371 Hon 372 Hon 373 Moc 374 Willov 375 Willov 375 Willov 371 Willov 371 Willov 371 Willov 371 Willov 372 Willov 373 Moc 374 Willov 375 Willov 375 Willov 376 Willov 377 Willov 377 Willov 377 Willov 377 Willov 378 Willov 379 Willov 370 Willov 371 Willov 371 Willov 371 Willov 372 Willov 373 Willov 374 Willov 375 Willov 375 Willov 376 Willov 377 Willov	w Brook Basin l River Basin	n/a n/a	n/a n/a	0		0		3			0		0	3	422 423
332 Willov 333 Willov 333 Willov 337 Willov 338 Willov 341 Br 347 Willov 348 Willov 349 Willov 350 Willov 351 Willov 351 Willov 352 Ro: 353 Ro: 355 Mill 366 Mill 362 Tenmi 363 Tenmi 364 Wi 368 Quinnig 371 Hon 372 Hon 373 Mou 374 Willov 375 Willov 375 Willov 375 Willov 375 Willov 376 Willov 377 Willov 378 Willov 379 Willov 371 Willov 371 Willov 372 Willov 373 Mou 374 Willov 375 Willov 377 Willov 377 Willov 378 Willov 379 Willov 379 Willov 370 Willov 371 Willov 371 Willov 373 Willov 374 Willov 375 Willov 375 Willov 377 Willov 377 Willov 377 Willov 378 Willov 379 Willov 370 Willov 370 Willov 371 Willov 373 Willov 374 Willov 375 Willov 375 Willov 375 Willov 375 Willov 377 Willov 377 Willov 378 Willov 379 Willov 379 Willov 370 Willov 370 Willov 371 Willov 372 Willov 373 Millov 374 Willov	l River Basin w Brook Basin w Brook Basin	n/a n/a	n/a n/a	0 0		0 0		3 3 3			0 0 0		0 0	3 3	424 425 426
337 Willov 338 Willov 341 Br 347 Willov 348 Willov 349 Willov 350 Willov 351 Willov 351 Willov 352 Roc 353 Roc 355 Mill 362 Tenni 363 Tenni 364 Wi 368 Quinni 371 Hon 372 Hon 373 Mot 374 Willov 375 Willov 371 Willov 410 Roc 411 Willov 411 Willov 412 Willov 415 Willov 416 Willov 416 Willov 417 Willov 417 Willov 418 Willov 419 Willov 410 Roc 411 Willov 410 Roc 411 Willov 411 Willov 412 Willov 415 Willov 416 Willov 417 Willov 417 Willov 418 Willov 419 Willov 410 Roc 411 Willov 411 Willov 411 Willov 412 Willov 415 Willov 416 Willov 426 Sar 434 Willov 437 Willov 437 Willov 437 Willov 437 Willov 448 Sar 449 Willov 441 Willov 4426 Sar 434 Willov 4437 Willov 4455 Mill	w Brook Basin w Brook Basin w Brook Basin	n/a n/a n/a	n/a n/a n/a	0 0		0		3			0		0	3	426 427 428
341 Br 347 Willov 348 Willov 349 Willov 350 Willov 351 Willov 351 Willov 352 Rox 353 Rox 355 Mill 366 Mill 367 Tenmi 368 Quinnig 371 Hon 372 Hon 373 Mou 374 Willov 381 Willov 385 Brool 410 Rox 411 Willov 412 Willov 415 Willov 426 Sar 434 Wi 443 Willov 453 Mill 462 Mill	w Brook Basin w Brook Basin	n/a n/a	n/a n/a	0		0		3			0		0	3	429 430
349 Willov 350 Willov 351 Willov 351 Willov 352 Rois 353 Rois 353 Rois 355 Mill 356 Mill 362 Tenmi 363 Tenmi 364 Willov 368 Quinnip 371 Hon 372 Hon 373 Mot 374 Willov 375 Willov 381 Willov 410 Rois 411 Willov 412 Willov 415 Willov 416 Willov 416 Willov 426 Sar 434 Willov 437 Willov 437 Willov 416 Willov 417 Willov 418 Willov 419 Willov 410 Rois 410 Rois 411 Willov 411 Willov 412 Willov 413 Willov 415 Willov 416 Willov 416 Willov 426 Sar 434 Willov 437 Willov 437 Willov 443 Millov 443 Millov 443 Millov 443 Millov 445 Millov 446 Millov 447 Millov 448 Millov	road Brook w Brook Basin	n/a n/a	n/a NS	0		0		3			0		0	3	431 432
351 Willov 352 Roi 353 Roi 353 Roi 355 Mill 356 Mill 362 Tenmi 363 Tenmi 364 Wi 368 Quinnig 371 Hon 372 Hon 373 Mou 374 Willov 375 Willov 381 Willov 410 Roi 411 Willov 412 Willov 415 Willov 416 Willov 416 Willov 426 Sar 434 Willov 437 Willov 437 Willov 443 Willov 443 Willov 443 Willov 445 Sar 443 Willov 453 Millov 453 Millov 455 Millov 462 Millov	w Brook Basin w Brook Basin	n/a n/a	n/a n/a	0		0		3			0		0	3	433 434
353 Ros 355 Mill 356 Mill 362 Tennii 363 Tennii 364 Wi 368 Quinnij 371 Hon 372 Hon 373 Mot 374 Willov 375 Willov 381 Willov 411 Willov 412 Willov 415 Willov 416 Willov 426 Sar 434 Willov 437 Willov 437 Willov 443 Millo 443 Millov 453 Millo 445 Millo	w Brook Basin	n/a n/a	NS NS	0		0		3			0		0	3	435
356 Mill 362 Tenmi 363 Tenmi 364 Wi 368 Quinnig 371 Hon 372 Hon 373 Moto 374 Willov 375 Willov 381 Willov 410 Roz 411 Willov 412 Willov 415 Willov 416 Willov 426 Sar 434 Willov 437 Willov 437 Willov 443 Willov 453 Millov 453 Millov 455 Millov 362 Tenmi 462 Millov	aring Brook aring Brook I River Basin	n/a n/a n/a	n/a n/a n/a	0 0		0 0		3 3			0 0 0		0 0	3 3	437 438 439
363 Tenni 364 Wi 368 Quinni 371 Hon 371 Hon 372 Hon 373 Mou 374 Willov 375 Willov 381 Willov 385 Brool 410 Roc 411 Willov 412 Willov 415 Willov 416 Willov 426 Sar 434 Wi 437 Willov 453 Mill 455 Mill 462 Millo	l River Basin ile River Basin	n/a n/a	n/a n/a n/a	0		0		3			0		0	3	440 441
371 Hon 372 Hon 373 Mou 373 Mou 374 Willox 375 Willox 381 Willox 385 Brool 410 Roi 411 Willox 412 Willox 415 Willox 416 Willox 426 Sar 434 Wi 437 Willox 453 Mill 455 Mill 462 Mill 460 M	ille River Basin illow Brook	n/a n/a	n/a n/a	0		0		3			0		0	3	442 443
373 Mou 374 Willox 375 Willox 381 Willox 381 Willox 385 Brool 410 Roc 411 Willox 412 Willox 415 Willox 416 Willox 426 Sar 434 Wi 437 Willox 453 Mill 455 Mill 462 Mill	piac River Basin neypot Brook	n/a n/a	n/a n/a	0		0		3			0		0	3	444 445
375 Willov 381 Willov 381 Willov 385 Brool 410 Roi 411 Willov 412 Willov 415 Willov 426 Sar 434 Wi 437 Willov 453 Mill 455 Mill	neypot Brook untain Brook	n/a n/a	n/a n/a	0		0		3			0		0	3	446 447
385 Brool 410 Roi 411 Willox 411 Willox 412 Willox 415 Willox 416 Willox 426 Sar 434 Wi 437 Willox 453 Mill 455 Mill 462 Mill	w Brook Basin w Brook Basin w Brook Basin	n/a n/a n/a	n/a n/a	0 0		0 0		3 3 3			0 0 0		0 0	3 3	448 449 450
411 Willov 412 Willov 415 Willov 416 Willov 426 Sar 434 Wi 437 Willov 453 Mill 455 Mill 462 Mill	ksvale Stream aring Brook	n/a n/a	n/a n/a n/a	0		0		3			0		0	3	451 452
415 Willov 416 Willov 426 Sar 434 Wi 437 Willov 453 Mill 455 Mill 462 Mill	w Brook Basin w Brook Basin	n/a n/a	n/a n/a	0		0		3			0		0	3	453 454
434 Wi 437 Willos 453 Mill 455 Mill 462 Mill	w Brook Basin w Brook Basin	n/a n/a	n/a 1	0		0		3 2	_		0		0	3	455 456
453 Mill 455 Mill 462 Mill	nford Brook illow Brook	n/a n/a	n/a n/a	0		0		3			0		0	3	457 458
462 Mill	w Brook Basin I River Basin I River Basin	n/a n/a n/a	n/a n/a NS	0 0		0 0		3 3 3			0 0 0		0 0	3 3	459 460 461
463 Mill	l River Basin l River Basin l River Basin	n/a n/a n/a	n/a NS	0 0		0 0		3 3			0 0		0 0	3 3	461 462 463
468 Mill 474 Mill	l River Basin I River Basin	n/a n/a	n/a n/a	0		0		3			0		0	3	464 465
477 Willov 480 Willov	w Brook Basin w Brook Basin	n/a n/a	n/a n/a	0		0		3			0		0	3	466 467
486 Mill	l River Basin	n/a n/a	n/a NS	0		0		3			0		0	3	468 469
497 Willow	l River Basin w Brook Basin w Brook Basin	n/a n/a n/a	n/a n/a n/a	0 0		0 0		3 3 3			0 0 0		0 0	3 3	470 471 472
500 Willov	w Brook Basin w Brook Basin w Brook Basin	n/a n/a n/a	n/a NS n/a	0 0		0 0		3 3			0		0	3	472 473 474
502 Mill 503 Mill	l River Basin	n/a n/a	n/a n/a	0		0		3			0		0	3	475 476
507 Tenmi 510 Willow	raver Dasill	n/a n/a	n/a n/a	0		0	_	3	_		0		0	3	477 478
515 Willow	ile River Basin w Brook Basin	n/a n/a	n/a n/a	0		0		3 3			0		0	3	479 480
518 Willov	ile River Basin w Brook Basin w Brook Basin w Brook Basin	n/a n/a n/a	n/a n/a n/a	0 0		0 0		3 3 3			0 0 0		0 0	3 3	481 482 483
520 Willov	ile River Basin w Brook Basin	n/a n/a n/a	n/a n/a n/a	0		0		3			0		0	3	483 484 485
527 Willow	ile River Basin w Brook Basin	n/a n/a	n/a n/a	0		0		3 3			0		0	3	486 487
529 Willov 533 Mill	ile River Basin w Brook Basin	n/a n/a	n/a n/a	0		0		3			0		0	3	488 489
535 Mill	ile River Basin w Brook Basin il Brook Basin il River Basin		n/a n/a	0		0		3			0		0	3	490 491
539 Mill	ile River Basin w Brook Basin illow Brook w Brook Basin Il River Basin I River Basin	n/a n/a	n/a n/a	0		0		3 3			0		0	3	492 493
564 Mill	ile River Basin w Brook Basin il Briver Basin I River Basin I River Basin I River Basin I River Basin	n/a n/a n/a	n/a n/a NS	0 0		0 0		3 3			0 0 0		0 0	3 3	494 495 496
573 Quinnip 577 Willov 578 Willov	ile River Basin w Brook Basin il Brook Basin l River Basin l River Basin l River Basin	n/a n/a	n/a	0 0		0		3 3			0		0	3	496 497 498



Catchment ID	Receiving Water	Wet Sampling Results Indicate Likely Illicit Discharge? ¹	Dry Screening Results Indicate Likely Illicit Discharge? ^{1a}	Discharging to Area of Concern to Public Health?	Frequency of Past Discharge Complaints	Receiving Water Quality ³	Density of Generating Sites ⁴	Age of Development/ Infrastructure 5	Historic Combined Sewers or Septic? ⁶	Aging Septic? ⁷	Culverted Streams? 8	Additional Characteristics	core	core	ınking
	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	Sample Score	Overall Score	Priority Ranking
	Scoring Criteria (Yes = Problem)	extrapolated form	mined using an nula based on the	Yes = 3 $No = 0$	Frequent = 3 Occasional = 2	Poor = 3 Fair = 2	High = 3 Medium = 2	High = 3 Medium = 2	Yes = 3 No = 0	Yes = 3 No = 0	Yes = 3 No = 0	TBD			
580 581	Willow Brook Basin Willow Brook Basin	n/a n/a	n/a n/a	0	None = 0	Good = 0 0 0	Low = 1	Low = 1 3 3			0		0	3	500
584 596	Willow Brook Tenmile River (Southington/Cheshire)-01	n/a 0	n/a n/a	0		0 2		3			0		0	3	502 503
604 605	Mill River Basin Mill River Basin	n/a n/a	n/a n/a	0		0		3			0		0	3 3 3	504 505
606 607 613	Broad Brook Basin Willow Brook Basin Willow Brook Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			0 0		0 0	3 3	506 507 508
617 619	Cuff Brook Mill River Basin	n/a n/a	n/a n/a	0		0		3			0		0	3	509 510
620 622 625	Quinnipiac River Basin Honeypot Brook Honeypot Brook	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3			0 0		0 0	3 3	511 512 513
628 630	Tenmile River Basin Tenmile River Basin	n/a n/a	n/a NS	0		0		3 3			0		0	3	514 515
631 633 638	Willow Brook Basin Willow Brook Basin Shapiro Pond	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3			0 0		0 0	3 3 3	516 517 518
640 641	Cuff Brook Honeypot Brook	n/a n/a	n/a n/a	0		0		3			0		0	3	519 520
642 644 647	Honeypot Brook Tenmile River Basin Willow Brook Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			0 0		0 0	3 3 3	521 522 523
648 649	Willow Brook Willow Brook	n/a n/a	n/a n/a	0		0		3 3			0		0	3	524 525
650 651 654	Tenmile River Basin Tenmile River Basin Ouinnipiac River Basin	n/a n/a	n/a n/a	0 0 0		0 0 0		3 3 3			0 0 0		0 0	3 3 3	526 527 528
656 657	Quinnipiac River Basin Quinnipiac River Basin	n/a n/a n/a	n/a n/a n/a	0		0		3 3			0		0	3	529 530
658 660	Honeypot Brook Tenmile River Basin	n/a n/a	n/a n/a	0		0		3 3			0		0	3 3	531 532
661 663 664	Willow Brook Basin Larsens Pond Tenmile River Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			0 0		0 0	3 3 3	533 534 535
665 666	Tenmile River Basin Tenmile River Basin	n/a n/a	n/a n/a	0		0		3			0		0	3	536 537
670 672 676	Tenmile River Basin Tenmile River Basin Tenmile River Basin	n/a n/a n/a	NS NS n/a	0 0 0		0 0		3 3			0 0		0 0	3 3	538 539 540
680 684	Honeypot Brook Unnamed Waterbody	n/a n/a	n/a n/a	0		0		3			0		0	3	541 542
688 689 690	Tenmile River Basin Tenmile River Basin Tenmile River Basin	n/a n/a n/a	n/a NS n/a	0 0		0 0		3 3			0 0		0 0	3 3 3	543 544 545
691 693	Quinnipiac River Basin Quinnipiac River Basin	n/a n/a	n/a n/a	0		0		3 3			0		0	3	546 547
694 695	Tenmile River Basin Willow Brook Basin	n/a n/a	n/a n/a	0		0 0		3			0		0	3	548 549
701 705 706	Tenmile River Basin Quinnipiac River Basin Tenmile Brook	n/a n/a n/a	NS n/a n/a	0 0 0		0		3 3 3			0 0		0 0	3 3	550 551 552
707 708	Quinnipiac River Basin Honeypot Brook	n/a n/a	n/a n/a	0		0		3			0		0	3	553 554
710 714 717	Broad Brook Basin Willow Brook Basin Willow Brook Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			0 0		0 0	3 3	555 556 557
720 721	Willow Brook Basin Willow Brook Basin	n/a n/a	NS NS	0		0		3 3			0		0	3	558 559
722 726 727	Willow Brook Basin Mill River Basin Mill River Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3			0 0		0 0	3 3	560 561 562
731 732	Mill River Basin Mill River Basin	n/a n/a	n/a NS	0		0		3			0		0	3	563 564
734 737 738	Quinnipiac River Basin Willow Brook Basin Willow Brook Basin	n/a n/a n/a	NS n/a n/a	0 0 0		0 0		3 3 3			0 0 0		0 0	3 3 3	565 566 567
742 743	Mill River Basin Mill River Basin	n/a n/a	n/a n/a	0		0		3			0		0	3	568 569
745 748 754	Mill River Basin Quinnipiac River Basin Tenmile River Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			0 0		0 0	3 3 3	570 571 572
756 757	Honeypot Brook Tenmile River Basin	n/a n/a	n/a n/a	0		0		3 3			0		0	3	573 574
759 764 765	Willow Brook Basin Tenmile River Basin Tenmile River Basin	n/a n/a n/a	n/a n/a n/a	0 0		0 0		3 3			0 0		0 0	3 3	575 576 577
766 767	Tenmile River Basin Tenmile River Basin	n/a n/a	n/a n/a	0		0		3 3			0		0	3	578 579
769 771 772	Judd Brook Quinnipiac River Basin Mill River Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			0 0		0 0	3 3	580 581 582
774 775	Mountain Brook Mountain Brook	n/a n/a	n/a NS	0		0		3 3			0		0	3	583 584
777 782 783	Tenmile River Basin Quinnipiac River Basin Ouinnipiae River Basin	n/a n/a	n/a n/a	0 0 0		0 0		3 3 3			0 0		0 0	3 3	585 586 587
788 796	Quinnipiac River Basin Tenmile River Basin Willow Brook Basin	n/a n/a n/a	n/a n/a n/a	0		0		3 3			0		0	3	588 589
828 839 844	Tenmile River Basin Tenmile River Basin Sanford Brook	n/a n/a n/a	n/a NS n/a	0 0 0		0 0		3 3 3			0 0 0		0 0	3 3 3	590 591 592
845 ALLE_2	Sanford Brook Quinnipiac River Basin	n/a n/a	n/a n/a	0		0		3			0		0	3	593 594
BLAC_1 CHIP_1 HIDD_1	Honeypot Brook Quinnipiac River Basin Mill River Basin	n/a n/a	n/a n/a	0 0 0		0 0 0		3 3 3			0 0 0		0 0	3 3 3	595 596 597
INDU_1 INDU_2	Mill River Basin Tenmile River Basin Tenmile River Basin	n/a n/a n/a	n/a n/a n/a	0 0		0 0		3 3			0 0		0 0	3 3	597 598 599
JARV_2 MARI_2	Tenmile River Basin Tenmile River Basin	n/a n/a	n/a n/a	0		0	_	3 3			0	_	0	3	600 601
MARI_4 PARK_1 PECK_1	Tenmile River Basin Tenmile River Basin Tenmile River Basin	n/a n/a n/a	n/a n/a NS	0 0 0		0 0		3 3 3			0 0		0 0	3 3 3	602 603 604
ROCK_1 SUMM_1	Willow Brook Tenmile River Basin	n/a n/a	n/a NS	0		0		3 3			0		0	3	605 606
WATE_1 WJOH_1 WJOH_2	Tenmile River Basin West Johnson Avenue Pond West Johnson Avenue Pond	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 3 3			0 0		0 0	3 3	607 608 609
YALE_1 YALE_2	Broad Brook Basin Broad Brook Basin	n/a n/a	n/a n/a	0		0		3			0		0	3	610 611
YALE_3 2 3	Broad Brook Basin Broad Brook Basin Broad Brook Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		3 2 2			0 0		0 0	3 2 2	612 613 614
5 21	Broad Brook Basin Quinnipiac River Basin	n/a n/a	0 n/a	0		0		2 2			0		0	2 2	615 616
35 37 38	Tenmile River Tenmile River Basin Tenmile River Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0		2 2 2			0 0		0 0	2 2 2	617 618 619
42 43	Tenmile River Basin Tenmile River Basin	n/a n/a	n/a n/a	0		0		2 2			0		0	2 2	620 621
51 54 59	Tenmile River Basin Tenmile River Basin Tenmile River Basin	n/a n/a n/a	n/a n/a n/a	0 0 0		0 0 0		2 2 2			0 0 0		0 0 0	2 2 2	622 623 624



Catchment ID	Receiving Water	Wet Sampling Results Indicate Likely Illicit Discharge? ¹	Dry Screening Results Indicate Likely Illicit Discharge? ^{1a}	Discharging to Area of Concern to Public Health?	Frequency of Past Discharge Complaints	Receiving Water Quality ³	Density of Generating Sites ⁴	Age of Development/ Infrastructure ⁵	Historic Combined Sewers or Septic? ⁶	Aging Septic? ⁷	Culverted Streams? 8	Additional Characteristics	Score	Score	anking
	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	Sample Score	Overall Score	Priority Ranking
	Scoring Criteria (Yes = Problem)	extrapolated for	mined using an nula based on the ults	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			
63	Tenmile River Basin	n/a	n/a	0	None – 0	0	Low - 1	2			0		0	2	625
64	Tenmile River Basin	n/a	n/a	0		0		2			0		0	2	626
66 73	Tenmile River Basin Tenmile River Basin	n/a n/a	n/a n/a	0		0		2 2			0		0	2	627 628
75	Quinnipiac River Basin	n/a	n/a	0		0		2			0		0	2	629
78	Quinnipiac River Basin	n/a	n/a	0		0		2			0		0	2	630
87 92	Quinnipiac River Basin Quinnipiac River Basin	n/a n/a	n/a n/a	0		0		2 2			0		0	2	631 632
95	Quinnipiac River Basin Quinnipiac River Basin	n/a	n/a	0		0		2			0		0	2	633
109	Tenmile River Basin	n/a	n/a	0		0		2			0		0	2	634
110	Tenmile River Basin	n/a	n/a	0		0		2			0		0	2	635
147 150	Honeypot Brook Quinnipiac River Basin	n/a n/a	n/a n/a	0		0		2 2			0		0	2	636 637
171	Quinnipiac River Basin Quinnipiac River Basin	n/a	n/a	0		0		2			0		0	2	638
174	Quinnipiac River Basin	n/a	n/a	0		0		2			0		0	2	639
175	Quinnipiac River Basin	n/a	n/a	0		0		2			0		0	2	640
187 199	Quinnipiac River Basin Quinnipiac River Basin	n/a n/a	n/a n/a	0		0		2 2			0		0	2	641 642
200	Quinnipiae River Basin	n/a	n/a	0		0		2			0		0	2	643
204	Quinnipiac River Basin	n/a	n/a	0		0		2			0		0	2	644
218 225	Mill River Basin	n/a	n/a	0		0		2 2			0		0	2	645
225	Cuff Brook Cuff Brook	n/a n/a	n/a n/a	0		0		2			0		0	2	646 647
227	Cuff Brook	n/a	n/a	0		0		2			0		0	2	648
390	Willow Brook Basin	n/a	n/a	0		0		2			0		0	2	649
396 397	Willow Brook Basin Sanford Brook	n/a	n/a n/a	0		0		2 2			0		0	2	650 651
398	Willow Brook Basin	n/a n/a	n/a	0		0		2			0		0	2	652
400	Sanford Brook	n/a	n/a	0		0		2			0		0	2	653
408	Willow Brook Basin	n/a	n/a	0		0		2			0		0	2	654
409 417	Willow Brook Basin Willow Brook Basin	n/a n/a	n/a n/a	0		0		2 2			0		0	2	655 656
418	Willow Brook Basin	n/a	n/a	0		0		2			0		0	2	657
422	Willow Brook Basin	n/a	n/a	0		0		2			0		0	2	658
431	Willow Brook Basin	n/a	n/a	0		0		2			0		0	2	659
442 448	Mill River Basin Mill River Basin	n/a n/a	NS n/a	0		0		2 2			0		0	2	660 661
450	Mill River Basin	n/a	n/a	0		0		2			0		0	2	662
451	Mill River Basin	n/a	n/a	0		0		2			0		0	2	663
458 472	Mill River Basin Mill River Basin	n/a n/a	n/a	0		0		2 2			0		0	2	664 665
473	Mill River Basin	n/a	n/a n/a	0		0		2			0		0	2	666
487	Broad Brook Basin	n/a	n/a	0		0		2			0		0	2	667
490	Broad Brook Basin	n/a	0	0		0		2			0		0	2	668
548 556	Broad Brook Basin Mill River Basin	n/a n/a	n/a n/a	0		0		2 2			0		0	2	669 670
565	Mill River Basin	n/a	NS	0		0		2			0		0	2	671
568	Quinnipiac River Basin	n/a	n/a	0		0		2			0		0	2	672
569 570	Quinnipiac River Basin Mill River Basin	n/a n/a	NS n/a	0		0		2 2]	0		0	2	673 674
582	Willow Brook Basin	n/a n/a	n/a n/a	0		0		2			0		0	2	675
583	Willow Brook	n/a	n/a	0		0		2			0		0	2	676
585	Willow Brook Basin	n/a	n/a	0		0		2			0		0	2	677
603 762	Quinnipiac River Basin Mill River Basin	n/a n/a	NS n/a	0		0		2 2			0		0	2	678 679
797	Quinnipiac River Basin	n/a	n/a	0		0		2			0		0	2	680
849	Mill River Basin	n/a	n/a	0		0		2			0		0	2	681
1 70	Broad Brook Basin	n/a	n/a	0		0		1			0		0	1	682
79 212	Honeypot Brook Mill River Basin	n/a n/a	NS n/a	0		0		1			0		0	1	683 684
233	Tenmile River Basin	n/a	n/a	0		0		1			0		0	1	685
235	Tenmile River Basin	n/a	NS	0		0		1			0		0	1	686
236 594	Tenmile River Basin Quinnipiac River Basin	n/a	n/a	0		0		1]	0		0	1	687 688
594 595	Quinnipiac River Basin Honeypot Brook	n/a n/a	n/a n/a	0		0		1			0		0	1	689
600	Beaver Pond Brook Basin	n/a	n/a	0		0		1			0		0	1	690
601 843	Tenmile River Basin	n/a	n/a	0		0		1			0		0	1	691
	Mill River Basin	n/a	n/a	0	I	0	0	1		1	0	Ī	0	1	692

Scoring Criteria:

- 1 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
- $Enterococci > \! 104 \ col/100 ml \ for \ swimming \ areas \ and > \! 500 \ col/100 ml \ for \ all \ others.$ ^{1a} Previous dry weather screening results indicate likely sewer input if any of the following are true:
- Olfactory or visual evidence of sewage, $Ammonia \geq 0.5 \ mg/L, \ surfactants \geq 0.25 \ mg/L, \ and \ bacteria \ levels \ greater than the water quality criteria applicable to the receiving water, or$
- Ammonia ≥ 0.5 mg/L, surfactants ≥ 0.25 mg/L, and detectable levels of chlorine ² Catchments that discharge to or in the vicinity of any of the following areas: public beaches, recreational areas, drinking water supplies, or shellfish beds
- ³ 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
- ⁴ 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.) To be completed once the piping of the area is completed
- ⁵ 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
- ⁶ 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.
- 7 Aging septic systems are septic systems 30 years or older in residential areas. ⁸ Any river or stream that is culverted for distance greater than a simple roadway crossing.

Identifies Impaired Outfalls

NS= Not Sampled

Appendix B (A)(7)(e)(i) - pg 9

For each catchment being investigated, the permittee shall review relevant mapping and historic plans and records to the extent available, including but not limited to plans related to the construction of the storm drain or sanitary sewers in the catchment, prior work performed on the storm drain or sanitary sewers, local health official or other municipal data on septic failures or required upgrades, and complaint records related to SSOs, sanitary sewer surcharges, and septic system breakouts. This review shall be used to identify areas within the catchment with higher potential for illicit connections and System Vulnerability Factors that indicate a risk of sanitary or septic system inputs to the MS4 under wet weather conditions. Consultation with local or state health officials is strongly encouraged. The Permittee shall identify and record the presence of any of the System Vulnerability Factors described in the notes below.

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Catchment ID	Receiving Water	History of SSOs	Common or Twin Invert Manholes	Common Trench Construction	Storm/Sanitary Crossings (Sanitary Above)	Sanitary Lines with Underdrains	Inadequate Sanitary Level of Service	Areas Formerly Served by Combined Sewers	Sanitary Infrastructure Defects	SSO Potential In Event of System Failures	Sanitary and Storm Drain Infrastructure >40 years Old	Poor Soils or	History of BOH Actions Addressing Septic Failure	Sampling Parameter Exceedance	Sampling Score	SVFs Identified
137	Unnamed Waterbody	No									Yes			Category B	9	Sanitary and storm >40 years old
245	Unnamed Waterbody	No									Yes			Category B	3	Sanitary and storm >40 years old
219	Mill River (Hamden/Cheshire)-02	No									Yes			Bacteria	15	Sanitary and storm >40 years old
614	Quinnipiac River-04	No									No			Bacteria	6	
439	Mill River (Hamden/Cheshire)-02	No									No			Bacteria	2	
530	Unnamed Waterbody	No									Yes			Bacteria	5	Sanitary and storm >40 years old
300	Quinnipiac River-04	No									Yes			Bacteria	4	Sanitary and storm >40 years old
715	Willow Brook	No									Yes			Ammonia	6	Sanitary and storm >40 years old
662	Quinnipiac River-04	No									Yes			Turbidity	6	Sanitary and storm >40 years old
542	Mill River (Cheshire)-03	No									Yes			Turbidity	8	Sanitary and storm >40 years old
DCB_WALL_2	Mill River (Cheshire)-03	No									Yes			Turbidity	1	Sanitary and storm >40 years old
819	Unnamed Waterbody	No									Yes		ı	Bacteria, Surfactants	7	Sanitary and storm >40 years old
840	Quinnipiac River-04	No									Yes			Bacteria, Turbidity	2	Sanitary and storm >40 years old

Per Appendix B (A)(7)(e)(i) - pg 9 - SVFs are identified as follows:

- 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, or other vulnerability factors identified through Inflow/Infiltration Analyses, Sanitary Sewer Evaluation Surveys, or other infrastructure investigations.
- 9. Areas formerly served by combined sewer systems.
- 10. Any sanitary sewer and storm drain infrastructure greater than 40 years old in medium and densely developed areas.
- 11. Widespread code-required septic system upgrades required at property transfers (indicative of inadequate soils, water table separation, or other physical constraints of the area rather that poor owner maintenance).
- 12. History of multiple local health department or sanitarian actions addressing widespread septic system failures (indicative of inadequate soils, water table separation, or other physical constraints of the area rather that poor owner maintenance).
- 14. Refer to Catchment Rankings Table