

MS4 General Permit
City of West Haven 2024 Annual Report
Existing MS4 Permittee
Permit Number GSM 000002
January 1, 2024 – December 31, 2024

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

Part I: Summary of Minimum Control Measure Activities

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

1.1 BMP Summary

BMP	Status (Complete, Ongoing, In Progress, or Not started)	Activities in current reporting period (if needed, more space available after this table)	Sources Used (if applicable)	Method of Distribution	Audience (and number of people reached)	Measurable goal	Department / Person Responsible	Additional details
1-1 Implement public education and outreach	Ongoing	In 2024, Audubon Society completed their typical clean up at Sandy Point. Additionally in 2024, Audubon Society taught students about Sandy Point throughout the year.	N/A	Unknown	Students and the Public	Implement public education program and summarize data	Public Works and Engineering	
		Sandy Point Association also completed a clean up near the City’s Water Pollution Control Facility in 2024.	N/A	Unknown	The Public			
		Advertised Household Hazardous Waste Collection Days in	N/A	RWA sent flyers about	The Public			

		conjunction with Regional Water Authority (RWA) The City and SLR Consulting created a website for the Cove River area, which describes flooding areas, solutions, and project timeline. There is a section on the website dedicated to community participation to share knowledge on known repeated flooding areas, damage, or other flood-related experiences along the Cove River.		collection days with taxes, City has pamphlets in the office and promotes on City's website https://storymaps.arcgis.com/stories/16cf1958d4da4d35b441d3a775ce7017	The Public			
1-2 Address education/ outreach for pollutants of concern	Complete	N/A – Completed previously	N/A	City's Public Works website has a link to the most recent draft MS4 Report and the Stormwater Management Plan.	The Public and City Staff	Coordination with the City's website staff to develop a Stormwater page under the Public Works page	Public Works and Engineering	

Extra space for describing above BMP activities, if needed:

Stormwater Items and Links on Public Works Website: <https://www.cityofwesthaven.com/177/Public-Works>

Sustainability Website: <https://www.cityofwesthaven.com/325/Sustainability-in-West-Haven>

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

In 2025, the City will continue existing programs. Participate in the Household Hazardous Waste Collection run by RWA. Continue cleanup day(s) and education with the Audubon Society at Sandy Point. Continue cleanup day(s) through Sandy Point Association.

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

2.1 BMP Summary

BMP	Status (Complete, Ongoing, In Progress, or Not started)	Activities in current reporting period	Measurable goal	Department / Person Responsible	Date completed or projected completion date (include the start date for anything that is 'in progress')	Location Posted	Additional details
2-1 Final Stormwater Management Plan (SMP) publicly available	Completed	N/A – Completed previously	Make SMP available for public review and soliciting comments	Public Works and Engineering	April 1, 2017	https://cityofwesthaven.com/DocumentCenter/View/1281/West-Haven-Stormwater-Management-Plan-PDF?bidId=	
2-2 Comply with public notice requirements for Annual Reports	Completed	The City will make the Annual Report available on their website for public review and comment.	Make Annual Report available for public review and soliciting comments	Public Works and Engineering	February 15, 2024 for 2023 Annual Report	https://www.cityofwesthaven.com/DocumentCenter/View/5998/West-Haven-MS4-Annual-Report-2023-Draft-PDF	

Extra space for describing above BMP activities, if needed: N/A

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

BMP 2-2 Post the draft Annual Report for public comment on February 15, 2025.

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

3.1 BMP Summary

BMP	Status (Complete, Ongoing, In Progress, or Not started)	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date (include the start date for anything that is 'in progress')	Additional details
3-1 Develop written IDDE program	Completed	N/A – Completed previously	Develop written plan of IDDE program	Public Works and Engineering	July 1, 2018	March 13, 2018	Draft IDDE Program submitted to EPA on November 1, 2017 and final approved March 13, 2018
3-2 Develop list and maps of all MS4 stormwater outfalls in priority areas	In Progress	The City has mapped known outfalls and is in the process of mapping the drainage system. All mapping is done through a GIS database. As of 2024, the City has completed mapping of approximately 95% of the City-wide drainage system mapping.	Develop stormwater drainage map and database	Public Works and Engineering	July 1, 2019	Outfall mapping completed July 1, 2019 Mapping of drainage system and outfall prioritization is ongoing	See Section 3.7
3-3 Implement citizen reporting program	Completed	N/A – Completed previously	Develop citizen reporting program	Public Works and Engineering	Ongoing	Completed by July 1, 2018	The City previously developed the citizen reporting program. The City's Public Works website has phone number for dispatcher for citizen reporting.
3-4 Establish legal authority to prohibit illicit discharges	Completed	N/A – Completed previously	Establish legal authority	City Council	July 1, 2018	Completed on February 13, 2017	The Illicit Discharge Ordinance was approved by City Council on

							February 13, 2017
3-5 Develop record keeping system for IDDE tracking	Completed	N/A – Completed previously	Develop IDDE tracking system	Engineering	July 1, 2017	Completed July 2018	The IDDE tracking system was submitted to EPA for review on October 1, 2017.
3-6 Address IDDE in areas with pollutants of concern	Ongoing	The City previously reviewed impaired water guidance and TMDLs. Evaluate/ track progress of BMPs for impaired waters	Review impaired water guidance and TMDLs	Engineering	Not specified	Ongoing	IDDE tracking is done within the GIS data Collector application
3-7 Outfall and interconnection dry weather screening and sampling	Completed	N/A – Completed previously	Develop outfall screening procedure	Engineering	July 1, 2018	Procedures completed by July 1, 2018	Dry weather inspections remain for approximately 27 outfalls and interconnections. New outfalls continue to be identified as mapping proceeds.
	Ongoing	Dry weather screen outfalls and interconnections – 46 outfalls and interconnections were dry weather screened or sampled in 2024	Screen outfalls and interconnections		July 1, 2020	Anticipate June 30, 2026	
3-8 Sanitary sewer overflows (SSO) inventory	Ongoing	Within five days of SSO occurrence, the City will notify CT DEEP.	Report new SSOs	Engineering	Ongoing	Ongoing	
		The City will continually update and maintain an inventory of all SSOs.	Maintain inventory		Ongoing	Ongoing	

Extra space for describing above BMP activities, if needed: N/A

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

BMP 3-2 Continue stormwater drainage mapping

BMP 3-6 Evaluate/track progress of BMPs for impaired waters

BMP 3-7 Continue dry weather outfalls and interconnection screening and sampling

BMP 3-8 Continue to notify CT DEEP after each SSO and maintain inventory of all SSOs

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

Location (Lat long/ street crossing /address and receiving water)	Date and duration of occurrence	Discharge to MS4 or surface water	Estimated volume discharged	Known or suspected cause / Responsible party	Corrective measures planned and completed (include dates)	Sampling data (if applicable)
Peabody St.	July 2017	Sewer Discharge	Unknown		Removed sewer discharge to Cove River.	
Honey Pot Rd.	March 2017	Sidewalk Discoloration	Unknown	N/A	Investigated source of discoloration. Determined to be ferrous bacteria.	
Fresh Meadow Rd.	August 2017	Tires dumped in wooded area behind vacant property.	Unknown	Unknown	The City has plans to remove the tires dependent on gaining ownership of the property.	
Callegari Dr.	February 2017	Water discoloration in Oyster River	Unknown	Cosmo Food Products	Investigated source of discoloration. Determined to be food dye from Cosmo Food Products.	
Lake Phipps	October 10, 2018	Lake Phipps Association reported brown color in the incoming lake water	Unknown	N/A	City investigated the upstream drainage system and located the source, which was natural decay of iron from an I-95 highway embankment.. Lab testing showed that water has iron and bacteria in it.	
Morgan Lane	2019		Unknown	Public Works and Engineering	Repaired Sewer	
No citizen reports have been made since 2020						

See Attachment A – SSO Summary 2012 - 2024						

3.4 Provide a summary of actions taken to address septic failures using the table below.

Method used to track illicit discharge reports	Location and nature of structure with failing septic systems	Actions taken to respond to and address the failures	Impacted waterbody or watershed, if known	Dept. / Person responsible
If failure, Health Department is notified and tracks septic failures Building Department notified if new sewer system is already available, would issue plumbing permit to homeowner currently on septic and requesting to connect to sewer	172 Rockdale Road and 88 Allan Street had septic failures in 2024	Sent to Health Department	N/A – no overflow from septic tank issues in 2024	Health Department, Building Department, Water Pollution Control Commission would issue sewer permit (starting in 2024)

3.5 Briefly describe the method used to track illicit discharge reports, responses to those reports, and who was responsible for tracking this information.

The Engineering Department is responsible for tracking illicit discharges. For SSOs, the City has developed a geo-spatial database system to record and report SSOs, investigations, and remedial measures. This application is based on Esri's ArcGIS Online technology using Esri's Collector product. All data collected in the field is instantaneously stored in a cloud-based database that allows users to view and access data as it is being collected. Attachment A shows detailed information on each reported SSO, what response was taken, and also notes steps to prevent future overflows. The City is using the same geo-spatial database with ArcGIS Online for IDDE field investigations. The City is currently tracking any additional IDDE complaints and remedial measures separately from the geo-spatial database. In the future, the City will utilize ArcGIS Online to track this information.

3.6 IDDE reporting metrics

Metrics	
Estimated or actual number of MS4 outfalls	301
Estimated or actual number of interconnections	73
Outfall mapping complete	99%
Interconnection mapping complete	90%

System-wide mapping complete (detailed MS4 infrastructure)	90%
Outfall assessment and priority ranking	99%
Dry weather screening of all High and Low priority outfalls complete	293 (97%)
Dry weather screening of all High and Low priority interconnections complete	54 (74%)
Catchment investigations complete	148
Estimated percentage of MS4 catchment area investigated	40%

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 City includes information on the IDDE Program as part of their pollution prevention training for employees. A pollution prevention training was not provided to City employees in 2024, but is anticipated to be completed in 2025 for Department of Public Works and Water Pollution Control employees.

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

4.1 BMP Summary

BMP	Status (Complete, Ongoing, In Progress, or Not started)	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date (include the start date for anything that is 'in progress')	Additional details
4-1 Implement, upgrade, and enforce land use regulations or other legal authority to meet requirements of MS4 general permit	Completed	N/A – Completed previously	Establish legal authority	Planning & Zoning and Engineering	July 1, 2019	Completed fall 2017	
	Ongoing	Implement regulations	Track enforcement		Ongoing	Ongoing	
4-2 Develop/Implement plan for interdepartmental coordination in site plan review and approval	Ongoing	Developed and implemented interdepartmental coordination plan	Develop and implement interdepartmental coordination plan	Planning & Zoning and Engineering	Ongoing	Ongoing	
4-3 Review site plans for stormwater quality concerns	Ongoing	Engineering reviewed all development projects with greater than one acre of soil disturbance for stormwater quality concerns	Perform site plan reviews	Engineering	Ongoing	Ongoing	
4-4 Conduct site inspections	Ongoing	The City conducted site inspections to enforce the requirements determined during site plan reviews	Perform site inspections	Building and Engineering	Ongoing	Ongoing	
4-5 Implement procedure to allow public comment on site development	Ongoing	The City allows for public comment on site development during public meetings by providing agendas with list of site development under review on	Implement procedure to receive public comments on site development	Planning & Zoning	Ongoing	Ongoing	

		website prior to meeting.					
4-6 Implement procedure to notify developers about DEEP construction stormwater permit	Completed	. Planning and Zoning is currently distributing information directly. CT DEEP construction general permit is available through DEEP's website.	Implement procedure to notify developers of DEEP construction stormwater permit	Planning & Zoning	Completed	Completed	
	Ongoing	The City will continue procedure to notify developers of DEEP construction stormwater permit.	Continue procedure to notify developers of DEEP construction stormwater permit	Planning & Zoning	Ongoing	Ongoing	

Extra space for describing above BMP activities, if needed: N/A

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

BMP 4-1 Continue implementing regulations

BMP 4-2 Continue implementing interdepartmental coordination plan

BMP 4-3 Continue performing site plan reviews

BMP 4-4 Continue performing site inspections

BMP 4-5 Continue to provide agendas on City's website with list of site developments accepted by the City for review; allow public comment at public meetings

BMP 4-6 Continue procedure to notify developers of DEEP construction stormwater permit

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

5.1 BMP Summary

BMP	Status (Complete, Ongoing, In Progress, or Not started)	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date (include the start date for anything that is 'in progress')	Additional details
5-1 Establish and/or update legal authority and guidelines regarding LID and runoff reduction in site development planning	Completed Completed	N/A – Completed previously Updated and approved stronger regulations for enforcement	Evaluate current regulations to identify status of legal authority and which regulations require revisions	Planning & Zoning	July 1, 2021	Completed fall 2017 Completed in 2020	
5-2 Enforce LID/runoff reduction requirements for development and redevelopment projects	Ongoing	The City enforced the new Post-Construction Stormwater Management regulations. The City previously developed a DCIA computation sheet for developers to submit as part of the site plan application process.	Enforce regulations; Issue notice to inform developers of regulation changes	Planning & Zoning	Ongoing beginning July 1, 2019	Ongoing	
5-3 Identify retention and detention ponds in priority areas	Completed	The City determined ownership of stormwater basins and treatment structures within the City.	Develop and implement long-term maintenance plan	Public Works	July 1, 2019	Completed in 2019	The City identified four City-owned detention basins in 2019.
5-4 Implement long-term maintenance plan for stormwater basins and treatment structures	Ongoing	Implemented maintenance	Implement plan	Public Works	Ongoing beginning July 1, 2019	Ongoing	The City did not clean any detention basins in 2024. They are only cleaned when needed.
5-5 DCIA mapping	Completed	N/A – Completed previously	Calculate baseline DCIA	Engineering	July 1, 2020	Completed in November 2019	

	Ongoing	DCIA was calculated for properties that added and removed DCIA. This information was split up into projects done prior to 2020 and projects, completed in 2020, and anticipated in the future.	Update DCIA calculation annually to include projects that add/remove DCIA			Ongoing	See 5.3 below for more information
5-6 Address post-construction issues in areas with pollutants of concern	Ongoing	Construction was done on Beach Street in 2024. The City received permits from CT DEEP and Army Corps of Engineers. The City was able to keep the existing outfall, and added green infrastructure for stormwater management, so impaired waters weren't affected. There are no known post-construction issues.	Identify projects in catchments that discharge to impaired waters	Engineering	Not specified	Ongoing	

Extra space for describing above BMP activities, if needed: N/A

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

BMP 5-2 Continue enforcing regulations
 BMP 5-4 Develop long-term maintenance plan
 BMP 5-5 Update DCIA calculation annually to include projects that add/remove DCIA.
 BMP 5-6 Continue to identify projects in catchments that discharge to impaired waters

5.3 Post-Construction Stormwater Management reporting metrics

For details on this requirement, visit www.nemo.uconn.edu/ms4/tasks/post-construction.htm. Scroll down to the DCIA section.

Metrics	
Baseline (2012) Directly Connected Impervious Area (DCIA)	1,669 acres
DCIA disconnected (redevelopment plus retrofits)	0 acres this year / 36 acres total
Retrofit projects completed	0 retrofits (8 private projects)
DCIA disconnected	0% this year / 2.2% total since 2012
Estimated cost of retrofits	\$0 to the City – all were privately done
Detention or retention ponds identified	0 this year / 4 total

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

The Sutherland Equations were used to determine the baseline DCIA for each subregion basin based of the Impervious Cover information provided by CT Nemo.

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

6.1 BMP Summary

BMP	Status (Complete, Ongoing, In Progress, or Not started)	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date (include the start date for anything that is 'in progress')	Additional details
6-1 Develop/implement formal employee training program	Ongoing	A pollution prevention training was not provided to employees in 2024, but is anticipated to be completed in 2025.	Perform annual training	Public Works and Engineering	Ongoing	A pollution prevention training was not provided to employees in 2024, but is anticipated to be completed in 2025.	
6-2 Implement MS4 property and operations maintenance	Ongoing	A pollution prevention training was not provided to employees in 2024, but is anticipated to be completed in 2025.	Perform annual training	Public Works and Engineering	Ongoing beginning July 1, 2018	A pollution prevention training was not provided to employees in 2024, but is anticipated to be completed in 2025.	
6-3 Implement coordination with interconnected MS4s	Ongoing	The City is in the process of identifying interconnections and verifying locations and ownership.	Identify all interconnected MS4s and coordinate with interconnected MS4s.	Engineering	Not specified	Ongoing	
6-4 Develop/implement program to control other sources of pollutants to the MS4	Ongoing	CDM Smith is in the process of determining if the City owns any MS4 property that would require maintenance and the City is in the process of repairing those found. CDM Smith is also updating the City's mapping and performing IDDE investigations to identify sources of pollutants.	Evaluate and implement maintenance procedures for City owned properties and equipment.	Public Works	Not specified	Ongoing	
6-5 Evaluate additional measures for discharges to impaired waters	Ongoing	The City is in the process of developing procedures for reducing discharges to impaired waters.	Develop and implement procedures for reducing discharges to impaired waters.	Public Works and Engineering	Not specified	Ongoing	

6-6 Track projects that disconnect DCIA	Ongoing	City is tracking private DCIA disconnections.	Track DCIA percentage. Removal of 1% of DCIA annually in Years 4 and 5	Engineering	Ongoing Completed	Ongoing As of end of 2024, the City has removed 2.2% of DCIA.	
6-7 Implement infrastructure repair/rehab program	Ongoing	Catch basin and manhole repair program – The City repaired 46 catch basins and 12 storm manholes in 2024. The City and contractors tracked a portion of catch basin and manhole repairs in GIS in 2024. In 2025, the City will attempt to transition to tracking all repairs in GIS.	Evaluate MS4 infrastructure and develop a repair/rehab program and repair and rehabilitate MS4 infrastructure.	Public Works and Engineering	July 1, 2021	Ongoing	
6-8 Develop/implement plan to identify/prioritize retrofit projects	Ongoing	N/A – Completed previously Implement plan to identify/prioritize retrofit projects	Develop and implement a retrofit plan to include tracking of DCIA.	Public Works and Engineering	July 1, 2020	SMP was completed April 1, 2017 Ongoing	
6-9 Implement retrofit projects to disconnect 2% of DCIA	Completed	At this time, the City met the 2% reduction through private projects from 2012 to 2021. Retrofit projects with the sole purpose of reducing DCIA are not expected to be needed to meet the 2% reduction.	Removal of 1% of DCIA annually in Years 4 and 5	Engineering	July 1, 2022	Completed in 2021	
6-10 Develop/implement street sweeping program	Ongoing	The City swept approximately 67 curb-miles in 2024.	Implement, document and track street sweeping	Public Works	Ongoing beginning July 1, 2017	Ongoing	
6-11 Develop/implement catch basin cleaning program	Ongoing	The City cleaned 56 catch basins in 2024. The City and contractors continued tracking catch basin cleaning in GIS in 2024.	Implement, document and track catch basin cleaning	Public Works	Ongoing beginning July 1, 2020	Ongoing	
6-12 Develop/implement snow management practices	Ongoing	The City previously wrote procedures in place for snow management. Implement procedures	Implement procedures	Public Works	Not specified Ongoing beginning July 1, 2018	Completed	

Extra space for describing above BMP activities, if needed: N/A

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

BMP 6-1 Perform employee training

BMP 6-2 Perform employee training

BMP 6-3 Coordinate with interconnected MS4

BMP 6-4 Evaluate and implement maintenance procedures for City owned properties and equipment

BMP 6-5 Finalize and implement procedures for reducing discharges to impaired waters

BMP 6-6 Track DCIA percentage

BMP 6-7 Continue repairing and rehabilitating MS4 infrastructure and implement new tracking system in 2025

BMP 6-8 Implement plan to identify/prioritize retrofit projects

BMP 6-10 Continue annual street sweeping and implement new tracking system in 2025

BMP 6-11 Continue annual catch basin cleaning

BMP 6-12 Implement snow management practices

6.3 Pollution Prevention/ Good Housekeeping reporting metrics

Metrics	
Employee training provided for key staff	A pollution prevention training was not provided to employees in 2024, but is anticipated to be completed in 2025.
Street sweeping	
Curb miles swept	67 curb-miles
Volume (or mass) of material collected	minimal, City doesn't use sand
Catch basin cleaning	
Total catch basins in priority areas	~3,500
Total catch basins in MS4	~3,500
Catch basins inspected	N/A – City anticipates catch basin inspections will continue in 2025
Catch basins cleaned	56
Volume (or mass) of material removed from all catch basins	~670 ft ³
Volume removed from catch basins to impaired waters (if known)	unknown
Snow management	
Type(s) of deicing material used	salt
Total amount of each deicing material applied	500 tons
Type(s) of deicing equipment used	gritter
Lane-miles treated	260 lane-miles (130 miles)
Snow disposal location	N/A
Staff training provided on application methods & equipment	Training was completed in winter 2024 and is an annual training. This is to help minimize the use of salt and completed by Highway Department.
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 – City doesn't use
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 – no issues in 2024, City enforcing that public needs to remove pet waste from parks

6.4 Catch basin cleaning program

Provide any updates or modifications to your catch basin cleaning program

The City has developed Standard Operating Procedures (SOPs) for catch basin inspection and cleaning. This SOP includes prioritization of catch basins based on proximity to impaired waters and the requirement to track sediment volume within catch basins to ensure that no catch basin sump shall at any time be more than 50% full. In 2024, the City and contractors continued tracking catch basin cleaning in GIS. Once the City completes their MS4 mapping, the catch basin cleaning activities will be tied to the GIS database to better track catch basin cleaning activities in the future.

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.

The City has already met the 2% DCIA reduction through private projects.

Describe plans for continuing the Retrofit program beyond this permit term with the goal to disconnect 1% DCIA annually over the next 5 years.

The City requires DCIA control for any new developments or redevelopments.

Part II: Impaired waters investigation and monitoring

1. Impaired waters investigation and monitoring program

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

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

Nitrogen/ Phosphorus ☒

Bacteria ☒

Mercury ☐

Other Pollutant of Concern ☒

1.2 Describe program status.

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

- 1) The City performed dry weather screening of accessible outfalls and interconnections in 2017, 2018, 2020, 2022, 2023, and 2024. Dry weather screening was not performed in 2019 or 2021. The City is working to access and locate remaining outfalls and interconnections. Dry weather screening and inspections are anticipated to continue in 2025.
- 2) Attachment B includes dry weather sampling results since 2017.
- 3) No changes have been made to the SMP.

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

2.1 Screening data

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

Each Annual Report will add on to the previous year's data showing a cumulative list of sampling data. You may also attach an excel spreadsheet with the same data rather than copying it into this table.

See Attachment C – Wet Weather Inspection Results, See Attachment E – Catchment Information for latitude/longitude

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 ID	Sample date	Parameter (Nitrogen, Phosphorus, Bacteria, or Other pollutant of concern)	Results	Name of Laboratory (if used)	Follow-up required?
WS 3	7/31/17	Bacteria Oil and Grease PCBs	- Enterococcus 680 cfu/100 mL - Fecal Coliform 680 cfu/100 mL - Oil and Grease <4.0 mg/L - PCBs <0.00022 mg/L	RWA	Yes
WR 34	8/3/17	Bacteria Oil and Grease PCBs	- Enterococcus 1466 cfu/100 mL - Fecal Coliform 1360 cfu/100 mL - Oil and Grease <4.0 mg/L - PCBs <0.00022 mg/L	RWA	Yes

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

Pollutant of concern	Pollutant threshold
Nitrogen	Total Nitrogen > 2.5 mg/l
Phosphorus	Total Phosphorus > 0.3 mg/l
Bacteria (fresh waterbody)	E. coli > 235 cfu/100 mL for swimming areas or 410 cfu/100 mL for all others - Total Coliform > 500 cfu/100 mL
Bacteria (salt waterbody)	- Fecal Coliform > 31 cfu/100 mL for Class SA waterbodies and > 260 cfu/100 mL for Class SB waterbodies - Enterococcus > 104 cfu/100 mL for swimming areas or 500 cfu/100 mL for all others
Other pollutants of concern	N/A

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

Provide the following information for outfalls exceeding the pollutant threshold.

See Attachment D – IDDE Summary

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)
OFC 4	See Attachment E	5/29/2019	See next column	- Nitrogen 9.86 mg/L - Phosphorus 1.99 mg/L - E. Coli 2934 col/100 mL - Enterococcus 1678 col/100 mL	RWA
RB 2	See Attachment E	6/20/2019	See next column	- Phosphorus 0.36 mg/L - E. Coli 1920 col/100 mL - Enterococcus 34658 col/100 mL	RWA
RB 21	See Attachment E	6/25/2019	See next column	- Phosphorus 1.47 mg/L - E. Coli 5550 col/100 mL - Enterococcus >48392 col/100 mL	RWA
SR 3	See Attachment E	6/25/2019	See next column	- E. Coli 13550 col/100 mL - Enterococcus 9768 col/100 mL	RWA
SR 5	See Attachment E	6/25/2019	See next column	- E. Coli 22650 col/100 mL - Enterococcus 39726 col/100 mL	RWA
WR 75	See Attachment E	3/13/2020	See next column	- Nitrogen 3.21 mg/L - Enterococcus 2420 col/100 mL - Fecal Coliform 7750 col/100 mL	Phoenix

Note that outfall WS 3 was previously identified as one of the six outfalls with the highest contributors of a pollutant of concern. Since the 2021 Annual Report, WS 3 has been identified as a state-owned outfall and was removed from table above for the 2022 Annual Report and RB 2 was added.

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 E – Catchment Information

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

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

Provide sample data for outfalls where flow is observed. Only include Pollutant of concern data for outfalls that discharge into stormwater impaired waterbodies. You may also attach an excel spreadsheet with the same data rather than copying it into this table.

See Attachment B – Dry Weather Inspection Results, See Attachment E – Catchment Information for latitude/longitude

2.2 Wet weather sample and inspection data

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

Provide sample data for outfalls and key junction manholes of any catchment area with at least one System Vulnerability Factor. You may also attach an excel spreadsheet with the same data rather than copying it to this table.

See Attachment C – Wet Weather Inspection Results, See Attachment E – Catchment Information for latitude/longitude

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

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

3.1 System Vulnerability Factor Summary

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

See Attachment E – Catchment Information

Where SVFs are:

1. History of SSOs, including, but not limited to, those resulting from wet weather, high water table, or fat/oil/grease blockages.
2. Sewer pump/lift stations, siphons, or known sanitary sewer restrictions where power/equipment failures or blockages could readily result in SSOs.
3. Inadequate sanitary sewer level of service (LOS) resulting in regular surcharging, customer back-ups, or frequent customer complaints.
4. Common or twin-invert manholes serving storm and sanitary sewer alignments.
5. Common trench construction serving both storm and sanitary sewer alignments.
6. Crossings of storm and sanitary sewer alignments.
7. Sanitary sewer alignments known or suspected to have been constructed with an underdrain system;
8. Sanitary sewer infrastructure defects such as leaking service laterals, cracked, broken, or offset sanitary infrastructure, directly piped connections between storm drain and sanitary sewer infrastructure, or other vulnerability factors identified through Inflow/Infiltration Analyses, Sanitary Sewer Evaluation Surveys, or other infrastructure investigations.
9. Areas formerly served by combined sewer systems.
10. Any sanitary sewer and storm drain infrastructure greater than 40 years old in medium and densely developed areas.
11. Widespread code-required septic system upgrades required at property transfers (indicative of inadequate soils, water table separation, or other physical constraints of the area rather than poor owner maintenance).
12. History of multiple local health department or sanitarian actions addressing widespread septic system failures (indicative of inadequate soils, water table separation, or other physical constraints of the area rather than poor owner maintenance).

3.2 Key junction manhole dry weather screening and sampling data

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

See Attachment D – IDDE Summary, See Attachment E – Catchment Information for latitude/longitude, See Attachment F – Key Junction Manholes

3.3 Wet weather investigation outfall sampling data

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

See Attachment C – Wet Weather Inspection Results, See Attachment E – Catchment Information for latitude/longitude

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

See Attachment D – IDDE Summary

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:	Print name:
Signature / Date:	Signature / Date:
Email:	Email:

ATTACHMENT A

SSO SUMMARY 2012 - 2024

Appendix A: City of West Haven Collection System Releases From 1/1/2012 to 2/19/2018

Date/Time of Event	Duration (hours)	Bypass Location	More Description of Location	Source of Notification	Weather	Cause of Bypass	Volume ¹ (gallons)	Reached Catch Basin?	Affected Surface Water ²	Steps Taken to Stop Overflow	Steps Taken to Prevent Future Overflows	Cleaning Method	Date Reported to DEEP	Date of Last Bypass at this Location ³
1/18/2012 12:30 PM	0.1	MH (16-158)	near 114 Boston Post Road	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	1/18/2012	
1/22/2012 10:20 AM	1.5	MH (10-299B)	249 Sawmill Road	Other (City Engineering Dept.)		Grease	50 – 100	No		Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck		
2/7/2012 8:50 AM	1	MH (2-26)	Intersection of Winslow Dr. & Jones Hill Road	Homeowner/ Resident		Debris	50 – 100	No		Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck		
2/7/2012 7:51 PM	0.1	22 SECOND AVE	N/A	Homeowner/ Resident		Grease	< 10	No	Basement	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck		
2/13/2012 12:25 PM	0.5	MH (13-265)	Campbell Ave. & Terrace Ave.	WPCC employee		Grease	50 – 100	No		Regular maintenance of sewer	Regular maintenance of sewer	Vactor truck		
2/19/2012 10:30 AM	1	MH (4-109)	Island Lane & Benham Hill Road	Other (sight)		Grease	10 – 50	No		Regular maintenance of sewer	Regular maintenance of main sewer			
2/21/2012 11:35 AM	0.5	MH (13-193)	28 Spring Street	Other (City Employee)		Grease	100 – 1,000	No		Regular maintenance of sewer	Regular maintenance of sewer	Vactor truck		
2/27/2012 9:10 AM	0.5	MH ()	Rockview St. & Boston Post Road, Catch basin on Daytona St.	Homeowner/ Resident		Grease	50 – 100	No		Regular maintenance of sewer		Vactor truck		
3/4/2012 9:45 AM	1.5	MH ()	143 Beatrice Drive	Homeowner/ Resident		Other (Not included in report)	100 – 1,000	No		Regular maintenance of sewer	Regular maintenance of main sewer			

1. Volumes discharged are visual estimates. Ranges include the larger value in the range (ex: 10-50 gal includes 50 gal, where 50-100 gal includes 100 gal).
2. Where the bypass reached storm basins or surface waters, the volume discharged to the receiving water is assumed to be the entire volume reported.
3. Period of record: July 5, 2006 – December 31, 2017. Blank entry indicates that no previous bypass event occurred at this location during this period of record.

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3/6/2012 7:40 AM	2.5	34 BAYSHORE DR	Not given in report, likely somewhere on bayshore drive senior housing authority property	Other (Housing Authority)		Grease	100 – 1,000	No	Basement	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck		
3/6/2012 6:00 PM	0.5	Other:	16 S. Forest Circle	WPCC employee		Grease	50 – 100	No		Regular maintenance of sewer	Regular maintenance of sewer	Vactor truck		
3/7/2012 11:10 AM	0.1	MH (8-183)	Intersection of Thomas St @ Morse Ave	Other (Highway Dept.)		Grease	50 – 100	No		Regular maintenance of sewer	Regular maintenance of sewer	Vactor truck		
4/2/2012 5:00 PM	0	Outfall Pipe	Outflow pipe behind treatment plant (2 Beach Street)	WPCC employee		Collapsed Pipe	Unknown	No		Other: Fixed broken pipe				
4/2/2012 5:30 PM	0.5	116 DALTON ST	116 Dalton Street, report not clear on type of location	Homeowner/ Resident		Grease	100 – 1,000	No	Basement			Tom Hill Septic/Septage hauler		
4/6/2012 1:00 PM	0.5	MH (2-27)	Jones Hill Road & Winslow Drive	Other (Bill Norton)		Grease	10 – 50	No		Regular maintenance of sewer	Regular maintenance of sewer	Vactor truck		
4/10/2012 6:30 PM	1	Other:	260 Benham Hill Road/Ora Mason Library	Homeowner/ Resident		Grease	10 – 50	No		Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area		
4/21/2012 9:15 AM	0.5	MH (9-117)	376 Spring St. & Kenneth Street	Homeowner/ Resident		Grease	100 – 1,000	No		Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck		
5/21/2012 1:00 AM	1.5	MH (16-137)	Route 1 & Brower Street	Police Department		Grease	50 – 100	No		Regular maintenance of sewer	Regular maintenance of main sewer			
6/17/2012 6:30 PM	1.5	MH ()	450 Painter Drive - Core River Pump Station	WPCC employee		Mechanical Equipment Failure	100 – 1,000	No				Vactor truck		

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6/21/2012 8:50 AM	0.5	MH ()	N/A	Homeowner/ Resident		Grease	50 – 100	No	Basement	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck		
6/26/2012 9:05 AM	0.5	MH (8-182)	Beach St. & Morse Avenue	Other (Highway Dept.)		Grease	50 – 100	No		Regular maintenance of sewer	Regular maintenance of sewer	Vactor truck		
7/16/2012 2:00 PM	0.5	MH (9-84)	32 Eileen Road	Homeowner/ Resident		Grease	50 – 100	No		Regular maintenance of sewer	Regular maintenance of sewer	Vactor truck		
8/10/2012 5:21 PM	1	Cove River Pump Station	350 Painter Drive	Police Department		Electrical Equipment Failure	1,000 – 25,000	No		Other: Repair equipment		N/A		
8/13/2012 10:30 AM	0.5	Main Pump Station	165 Blohm Street	WPCC employee		Mechanical Equipment Failure	1,000 – 25,000	No		Other: Fixed				
8/28/2012 2:35 PM	1	19 BEACH ST	N/A	Homeowner/ Resident		Grease	10 – 50	No	Basement	Regular maintenance of sewer	Regular maintenance of main sewer	Tom Hill Septic/Septage hauler		
9/15/2012 2:50 PM	1	MH (13-193)	24 Spring Street	Police Department		Grease	10 – 50	No		Regular maintenance of sewer	Regular maintenance of sewer	Vactor truck		
9/17/2012 7:15 AM	0.1	MH (13-226)	Intersection of West Spring St. & Cambell Avenue	Homeowner/ Resident		Grease	10 – 50	No		Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck		
9/28/2012 2:46 PM	0.5	MH (7-230)	N/A	Homeowner/ Resident		Grease	10 – 50	No	Basement	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck		
9/28/2012 3:55 PM	0.5	MH (7-224)	50 Chestnut Street	Homeowner/ Resident		Grease	100 – 1,000	No		Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck		
10/3/2012 12:00 PM	25	Oyster River Pump Station	171 Beatrice Drive	WPCC employee		Other (Broken Force Main)	Unknown	No		Other: Line fixed 20" force main replaced clamp				

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10/15/2012 7:30 AM	0.5	MH (5-142)	82 Cherry Lane	Homeowner/ Resident		Grease	50 – 100	No		Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck		
10/15/2012 12:00 PM	1	Main Pump Station	165 Blohm Street	WPCC employee		Mechanical Equipment Failure	100 – 1,000	No		Other: Shut down water	Other: Upgrade equipment	Tom Hill Septic/Septage hauler		
10/15/2012 8:00 PM	0	MH ()	#5 & #6 Great Street	Police Department		Unknown	10 – 50	No				Vactor truck		
10/16/2012 10:00 AM	0.5	Main Pump Station	165 Blohm Street	WPCC employee		Mechanical Equipment Failure	100 – 1,000	No		Other: Shut down unit for repairs to PLC for controls and talk to manufacturer	Other: Speaking with manufacturer	Tom Hill Septic/Septage hauler		
10/29/2012 5:30 PM	0	Dawson Avenue Pump Station	1 Dawson Avenue	Other (Fire Department)		Grease	> 100,000	No		Other: Repair starter generator	Other: Keep generator in operating condition	West Haven personnel cleaned area		
10/30/2012 1:40 PM	0.5	MH (1-50)	MH at the end of Templeton Street	Other (City Engineer)		Electrical Equipment Failure	10 – 50	No		Other: Pumps at Trubull Street Pump station re-set	Other: Pumping sequence was monitored and corrected	West Haven personnel cleaned area		
11/21/2012 6:00 PM	0.5	MH (13-47)	82 Miami Street	Homeowner/ Resident		Grease	50 – 100	No		Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck		
12/15/2012 4:45 PM	0.5	MH (9-182)	430 Sawmill Road	Police Department		Unknown	10 – 50	No		Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area		
12/21/2012 11:48 AM	0.5	71 PARKER AVE	N/A	Homeowner/ Resident		Grease	10 – 50	No	Basement	Regular maintenance of sewer	Regular maintenance of main sewer	N/A		8/17/2010
1/14/2013 10:30 AM	1	MH (4-109)	Benham Hill Road	WPCC employee	Dry	Debris	10 – 50	Yes	Oyster River	Regular maintenance of sewer	Regular maintenance of main sewer	Tom Hill Septic/Septage hauler	1/14/2013	2/19/2012

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2/25/2013 8:30 AM	1.5	MH (6-107)	Morrissey Pump Station	Other (Housing Authority employee)	Dry	Electrical Equipment Failure	10 – 50	Yes	Long Island Sound	Other: Alarm issue	Other: New float added to alarm	West Haven personnel cleaned area	2/25/2013	
2/27/2013 9:15 AM	13	MH (5-86)	Ocean Avenue near Platt Avenue	Homeowner/ Resident	Wet	Heavy Rain	75,000 - 100,000	Yes	Long Island Sound	Other: Looking into flow survey for action of by passes	Regular maintenance of main sewer	Tom Hill Septic/Septage hauler	2/27/2013	8/28/2011
3/2/2013 2:45 PM	70	122 HILLTOP LA	122 Hill Top Lane - private lateral	Police Department	Dry	Grease	1,000 – 25,000	No	Basement	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	3/2/2013	
3/5/2013 4:30 PM	0.5	MH (8-24)	near 100 Campbell Avenue	WPCC employee	Dry	Grease	10 – 50	Unknown	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	3/5/2013	11/24/2007
3/22/2013 4:38 PM	1.5	MH (13-193)	Lambert Street @ Spring Street	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Vactor truck	3/22/2013	9/15/2012
3/26/2013 8:45 AM	0.1	Main Pump Station	165 BLOHM ST	WPCC employee	Dry	Mechanical Equipment Failure	< 10	Yes	Old Field Creek	Other: Stopped heavy cleaning of lines leading to station	Other: Stopped cleaning lines in the area	West Haven personnel cleaned area	3/26/2013	10/16/2012
3/30/2013 3:30 PM	0.5	MH (13-166)	Private MH at 34 Homestead Avenue	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	3/30/2013	10/26/2012
4/7/2013 7:45 PM	1	MH (5-29A)	near 109 Roosevelt Avenue	Homeowner/ Resident	Dry	Debris	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Vactor truck	4/7/2013	
5/1/2013 4:30 PM	1	MH (2-161)	near 131 - 133 Beatrice Drive	Homeowner/ Resident	Dry	Grease	10 – 50	Unknown	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	5/1/2013	4/4/2011
5/6/2013 11:30 AM	2	MH (4-52)	near 475 Heffernan Drive	Other (Employee of Business GHP)	Dry	Unknown	1,000 – 25,000	Yes	Oyster River	Regular maintenance of sewer	Regular maintenance of main sewer	Tom Hill Septic/Septage hauler	5/6/2013	

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6/7/2013 8:00 PM	22.5	MH (5-40)	Ocean Ave @ Fairview	WPCC employee	Wet	Heavy Rain	1,000 – 25,000	Yes	Long Island Sound	Other: Looking into drainage area as part of our CMOM order	Regular maintenance of main sewer	West Haven personnel cleaned area	6/7/2013	12/12/2008
6/7/2013 8:30 PM	12	MH (5-95)	Platt Avenue & Maple Street	Police Department	Wet	Heavy Rain	1,000 – 25,000	Yes	Long Island Sound	Other: Checking pump station	Other: Check pump station	West Haven personnel cleaned area	6/8/2013	12/12/2008
6/7/2013 11:45 PM	15	MH (8-100)	Blohm Street	Homeowner/ Resident	Wet	Heavy Rain	> 100,000	Yes	Long Island Sound	Other: Looking into sanitary sewer system as part of our CMOM order	Regular maintenance of main sewer	Tom Hill Septic/Septage hauler	6/7/2013	3/26/2013
6/8/2013 8:18 AM	0.5	MH (1-50)	1 Templeton Street	Homeowner/ Resident	Wet	Heavy Rain	100 – 1,000	Yes	Long Island Sound	Other: Operated at pump station until level reached appropriate levels	Other: Check pump station	West Haven personnel cleaned area	6/8/2013	10/30/2012
6/8/2013 9:00 AM	1	54 MORRIS ST	N/A	Homeowner/ Resident	Wet	Heavy Rain	1,000 – 25,000	No	Basement	Regular maintenance of sewer	Regular maintenance of main sewer	Tom Hill Septic/Septage hauler	6/8/2013	1/14/2011
6/13/2013 11:15 AM	2	MH (7-132)	Painter Drive	WPCC employee	Wet	Mechanical Equipment Failure	10 – 50	Yes	Cove River	Other: Getting pump station back on line	Other: Repair Pump Station	West Haven personnel cleaned area	6/13/2013	6/17/2012
6/20/2013 7:55 AM	0.5	MH (10-309)	West Spring Street @ Greta Street	Other (Highway crew)	Dry	Grease	50 – 100	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	6/20/2013	12/20/2013
6/25/2013 10:20 AM	1	71 RICHARDS ST	N/A	Homeowner/ Resident	Dry	Grease	10 – 50	No	Basement	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	6/25/2013	12/10/2006
7/6/2013 12:15 PM	0.5	Main Pump Station	165 BLOHM ST	WPCC employee	Dry	Mechanical Equipment Failure	100 – 1,000	Yes	New Haven Harbor	Other: Turned pumps on at low speed	Other: Reset all pumps	Tom Hill Septic/Septage hauler	7/6/2013	6/7/2013

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7/15/2013 7:15 AM	0.5	MH (6-107)	MH bubbling in front of Morrissey Pump Station	Homeowner/ Resident	Dry	Other (Float Stuck)	< 10	Yes	Cove River	Other: Cleared floats and cleaned wet well	Other: Cleared floats and cleaned wet well	West Haven personnel cleaned area	7/15/2013	2/25/2013
7/31/2013 2:00 PM	0.1	Main Pump Station	165 BLOHM ST	WPCC employee	Dry	Mechanical Equipment Failure	50 – 100	Yes	New Haven Harbor	Other: Cleared blockage in muffin monster unit	Other: Cleared blockage and monitoring unit	Tom Hill Septic/Septage hauler	7/31/2013	7/6/2013
8/4/2013 9:17 PM	1	Main Sewer	589 Third Avenue	Homeowner/ Resident	Dry	Grease	50 – 100	Unknown	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	8/4/2013	
8/6/2013 1:45 PM	0.5	MH (13-66)	near 57 Sanford Street	Homeowner/ Resident	Dry	Grease	10 – 50	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	8/6/2013	12/16/2007
9/25/2013 6:40 AM	2.5	MH (4-52)	near 475 Heffernan Drive	WPCC employee	Dry	Grease	100 – 1,000	Yes	Oyster River	Regular maintenance of sewer	Other: Use root cleaning company to clean roots and clean line	Tom Hill Septic/Septage hauler	9/25/2013	5/6/2013
10/18/2013 2:05 PM	1	MH (13-210)	near 63, 66, 67 Clifton street	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	10/18/2013	6/10/2010
10/31/2013 10:20 AM	1	MH (2-181)	near 16 Ida Lane	Police Department	Dry	Grease	10 – 50	Yes	Oyster River	Other: Relieved blockage as soon as possible	Regular maintenance of main sewer	West Haven personnel cleaned area	10/31/2013	5/27/2011
11/2/2013 3:30 PM	1	MH (9-84)	near 32 Eileen Road	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Vactor truck	11/2/2013	7/16/2012
11/14/2013 7:00 PM	1.5	MH (5-134)	near 124 Bluff Avenue	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Vactor truck	11/14/2013	4/15/2011
11/16/2013 9:10 AM	0.5	MH (5-133)	near 119 Bluff Avenue	Homeowner/ Resident	Dry	Grease	50 – 100	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	11/16/2013	4/17/2011

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12/5/2013 11:30 AM	1	MH (9-125)	cross country between Cynthia Circle & Meloy Road in woods	Homeowner/ Resident	Dry	Grease	Unknown	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	12/5/2013	
12/8/2013 8:00 AM	0.5	Main Pump Station	165 BLOHM ST	WPCC employee	Dry	Mechanical Equipment Failure	50 – 100	Yes	New Haven Harbor	Regular maintenance of sewer	Other: Increased inspection of outlet drain on equipment	N/A	12/8/2013	7/31/2013
12/20/2013 1:40 PM	0.1	MH (10-309)	near 317 West Spring Street, Westbrook Apartments	Homeowner/ Resident	Dry	Grease	10 – 50	Yes	Cove River	Regular maintenance of sewer	Other: Spoke to owners of apartment complex about not letting tenants dispose of grease down drains	N/A	12/20/2013	1/9/2011
12/24/2013 10:45 AM	0.1	Main Pump Station	Under door, 165 BLOHM ST	WPCC employee	Dry	Mechanical Equipment Failure	< 10	Yes	New Haven Harbor	Other: Cleared jammed equipment & put redundant equipment on line	Other: Alarm will be installed	West Haven personnel cleaned area	12/24/2013	12/8/2013
12/26/2013 8:15 AM	0.1	MH (2-181)	near 16 Ida Lane	Homeowner/ Resident	Dry	Grease	1,000 – 25,000	Yes	Oyster River	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	12/26/2013	10/31/2013
12/26/2013 8:20 PM	1.5	MH (2-70)	near 15 Woodvale Road	Homeowner/ Resident	Dry	Grease	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	12/27/2013	11/18/2010
12/27/2013 10:35 AM	1.5	MH (13-194)	dead end of Lambert St in woods	Homeowner/ Resident	Dry	Grease	100 – 1,000	Yes	New Haven Harbor	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	12/27/2013	2/7/2008
1/9/2014 4:48 PM	1	MH (7-133)	Painter Drive	WPCC employee	Dry	Mechanical Equipment Failure	< 10	Yes	Cove River	Other: Fixed problems with pumps at Cove River Pump Station	Other: Fixed problems with pumps at Cove River Pump Station	Vactor truck	1/9/2014	6/23/2011
1/10/2014 9:00 AM	0.25	MH (7-133)	Painter Dr MH, Simos Dr MH, Cove River Pump Station	WPCC employee	Dry	Mechanical Equipment Failure	1,000 – 25,000	Yes	Cove River	Other: Stopped bypass pumps and went back on pump station	Other: Two new pumps in place, waiting for seals and start up	West Haven personnel cleaned area	1/10/2014	1/9/2014

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Appendix A: City of West Haven Collection System Releases From 1/1/2012 to 2/19/2018

Date/Time of Event	Duration (hours)	Bypass Location	More Description of Location	Source of Notification	Weather	Cause of Bypass	Volume ¹ (gallons)	Reached Catch Basin?	Affected Surface Water ²	Steps Taken to Stop Overflow	Steps Taken to Prevent Future Overflows	Cleaning Method	Date Reported to DEEP	Date of Last Bypass at this Location ³
1/12/2014 1:10 PM	1.25	MH (9-175)	near 90 Tuthill Street	Homeowner/ Resident	Dry	Grease	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	1/12/2014	
1/24/2014 10:40 PM	0.1	MH (5-142)	near 82 Cherry Lane	WPCC employee	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	1/24/2014	10/15/2012
2/10/2014 5:15 PM	0.5	MH (2-180)	near 28 Ida Lane	Other (West Haven Public Works)	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	2/10/2014	
2/23/2014 1:30 PM	0.25	MH (8-194)	Blohm Street and Morse Avenue	WPCC employee	Dry	Electric Utility Failure	50 – 100	Yes	Long Island Sound	Other: Reset pumps	Other: Checking on power	West Haven personnel cleaned area	2/23/2014	12/19/2008
2/23/2014 7:00 PM	4	MH (5-213)	Dyke Street and Captain Thomas Blvd	Homeowner/ Resident	Dry	Collapsed Pipe	100 – 1,000	Yes	Long Island Sound	Other: Fixed pipe	Other: Fix pipe	West Haven personnel cleaned area	2/23/2014	
2/25/2014 8:39 AM	0.1	MH (8-183)	bubbling up through pavement near 42 Morse Street	Other (Regional Water Authority)	Dry	Grease	10 – 50	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	2/25/2014	
3/3/2014 1:20 PM	0.25	MH (12-74)	near 52 Medford Street	Other (West Haven Public Works)	Dry	Grease	10 – 50	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	3/3/2014	
3/16/2014 8:30 AM	0.1	Main Pump Station	165 BLOHM ST	WPCC employee	Dry	Mechanical Equipment Failure	10 – 50	No	N/A	Other: Flow from equipment stopped	Other: Cleared machine	West Haven personnel cleaned area	3/16/2014	12/24/2013
3/18/2014 6:00 PM	0.75	MH (13-101)	near 18 Tile Street	Homeowner/ Resident	Dry	Debris	50 – 100	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	3/18/2014	3/2/2007
3/30/2014 11:30 AM	1	MH (5-91)	near 30 Platt Avenue	WPCC employee	Wet	Capacity Limitations	100 – 1,000	Yes	Cove River	Other: Checking Dawson Avenue Pump Station	Other: Checking all pumps	West Haven personnel cleaned area	3/30/2014	

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Appendix A: City of West Haven Collection System Releases From 1/1/2012 to 2/19/2018

Date/Time of Event	Duration (hours)	Bypass Location	More Description of Location	Source of Notification	Weather	Cause of Bypass	Volume ¹ (gallons)	Reached Catch Basin?	Affected Surface Water ²	Steps Taken to Stop Overflow	Steps Taken to Prevent Future Overflows	Cleaning Method	Date Reported to DEEP	Date of Last Bypass at this Location ³
3/30/2014 10:30 PM	1	MH (5-91)	near 30 Platt Avenue	WPCC employee	Wet	Mechanical Equipment Failure	100 – 1,000	No	N/A	Other: Repair problem at Dawson Avenue Pump Station, used temporary pump	Other: Repair pumps	West Haven personnel cleaned area	3/30/2014	3/30/2014
4/1/2014 7:00 PM	0.25	MH (13-166)	near 34 Homestead Avenue	WPCC employee	Dry	Grease	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	4/1/2014	3/30/2013
4/6/2014 12:30 PM	1	559 JONES HILL RD	N/A	Homeowner/ Resident	Dry	Grease	1,000 – 25,000	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	4/6/2014	
4/22/2014 11:15 AM	2.25	Front Avenue Pump Station	165 FRONT AVE	WPCC employee	Dry	Other (Leak in hose connection and bypass pumps)	100 – 1,000	Yes	Club Creek	Other: Stopped bypass pumping and went back to pump station	Other: Stopped bypass pumping and went back to pump station	Tom Hill Septic/Septage hauler	4/22/2014	4/8/2009
5/1/2014 1:30 AM	6	MH (1-5)	Beatrice Drive, Ocean Avenue, Platt Avenue, First Avenue, Blohm Street, Miami Street	WPCC employee	Wet	Electrical Equipment Failure	100 – 1,000	Yes	Long Island Sound	Other: Pumping as much water as possible	N/A	West Haven personnel cleaned area	5/1/2014	6/21/2012
5/1/2014 1:30 AM	1	MH (6-93)	near 630 Sawmill Road Extension	Homeowner/ Resident	Wet	Grease	100 – 1,000	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	5/1/2014	2/3/2010
5/1/2014 3:00 AM	2	Oyster River Pump Station	171 BEATRICE DR	WPCC employee	Wet	Electrical Equipment Failure	100 – 1,000	No	N/A	Other: Electrician on-site	Other: Electrician on-site	West Haven personnel cleaned area	5/1/2014	10/3/2012
5/1/2014 3:15 PM	1	MH (1-50)	near 1 Templeton Street	Homeowner/ Resident	Wet	Debris	100 – 1,000	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	5/1/2014	6/8/2013
5/6/2014 12:50 PM	0.25	134 JONES HILL RD	N/A	Homeowner/ Resident	Dry	Grease	50 – 100	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	5/6/2014	

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Appendix A: City of West Haven Collection System Releases From 1/1/2012 to 2/19/2018

Date/Time of Event	Duration (hours)	Bypass Location	More Description of Location	Source of Notification	Weather	Cause of Bypass	Volume ¹ (gallons)	Reached Catch Basin?	Affected Surface Water ²	Steps Taken to Stop Overflow	Steps Taken to Prevent Future Overflows	Cleaning Method	Date Reported to DEEP	Date of Last Bypass at this Location ³
6/10/2014 1:30 PM	1	MH (10-130)	across from 611 Campbell Avenue	Other (Construction Worker)	Dry	Collapsed Pipe	100 – 1,000	Yes	Cove River	Other: Repair broken line	Other: Repair broken line	N/A	6/10/2014	
6/12/2014 4:00 PM	1.75	MH (13-47)	near 82 Miami Street and Latttanzi Street	Homeowner/ Resident	Dry	Grease	1,000 – 25,000	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	Tom Hill Septic/Septage hauler	6/12/2014	
7/31/2014 1:28 PM	0.25	MH (12-92)	in front of 27 Orford Street	Other (Called in by ERS 911 manhole bubbling over)	Dry	Debris	10 – 50	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	7/31/2014	
8/17/2014 2:15 PM	1	MH (13-185)	Spring Street, near New Haven line	WPCC employee	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	8/17/2014	
8/22/2014 10:30 AM	0.5	MH (2-82)	Winslow Drive & Ruby Road	WPCC employee	Dry	Debris	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	8/22/2014	
8/29/2014 10:14 AM	0.25	MH (2-181)	near 16 Ida Lane	Homeowner/ Resident	Dry	Unknown	10 – 50	Yes	Oyster River	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	8/29/2014	12/26/2013
9/8/2014 10:30 AM	11.25	Savin Avenue Pump Station	423 CAPT THOMAS BLVD	WPCC employee	Dry	Mechanical Equipment Failure	100 – 1,000	No	N/A	Other: repair force main	Other: Inspect force main	Tom Hill Septic/Septage hauler	9/8/2014	
9/8/2014 11:15 AM	0.25	MH (13-265)	Campell Avenue & Terrace Avenue	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	9/8/2014	7/22/2011
11/4/2014 11:20 AM	0.1	MH (10-229)	Intersection of Campbell Avenue and Highland Street	Other (Called in by ERS)	Dry	Debris	100 – 1,000	Yes	Unknown Name	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	11/4/2014	
11/5/2014 2:50 PM	0.25	414 UNION AVE	N/A	Homeowner/ Resident	Dry	Unknown	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	11/5/2014	

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11/13/2014 7:36 PM	1.5	761 WASHINGTON AVE		Homeowner/ Resident	Dry	Grease	100 – 1,000	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Tom Hill Septic/Septage hauler	11/13/2014	
12/9/2014 11:40 AM	0.1	MH (10-147)	corner of York and Campbell	WPCC employee	Wet	Other (Blockage)	100 – 1,000	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	12/9/2014	
12/9/2014 2:30 PM	0.5	MH (7-51)	corner of Cold Spring Road and Hilltop Lane	Homeowner/ Resident	Wet	Other (Blockage)	100 – 1,000	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	12/9/2014	
12/9/2014 9:00 PM	0.25	MH (16-71)	near 197 Lee Street	Police Department	Dry	Unknown	1,000 – 25,000	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	12/9/2014	
12/18/2014 12:48 PM	0.25	15 OLIVER LA		Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	12/18/2014	
12/26/2014 9:05 AM	0.25	Main Pump Station	N/A	WPCC employee	Dry	Other (Blockage)	50 – 100	Yes	New Haven Harbor	Other: Cleared blockage and washed compactor	Other: Switch washer compactors and on alarm system is set to be installed and checked daily	West Haven personnel cleaned area	12/26/2014	3/16/2014
12/28/2014 3:15 PM	0.75	125 BLUFF AVE	N/A	WPCC employee	Dry	Other (Rags)	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	12/28/2014	
1/9/2015 9:15 AM	0.25	MH (2-215)	corner of South Street and Great Circle Road	WPCC employee	Dry	Grease	10 – 50	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	1/9/2015	6/12/2009
1/20/2015 12:25 PM	0.75	57-59 ADMIRAL ST	N/A	Homeowner/ Resident	Dry	Grease	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Tom Hill Septic/Septage hauler	1/20/2015	10/28/2009
1/25/2015 1:55 PM	4	136 OCEAN AVE	N/A	Homeowner/ Resident	Dry	Grease	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	2/18/2015	

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3/5/2015 4:17 PM	0.1	MH (13-193)	Spring Street, by City dump	WPCC employee	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	3/6/2015	3/22/2013
3/27/2015 2:40 PM	0.5	Dawson Avenue Pump Station	N/A	Homeowner/ Resident	Dry	Electrical Equipment Failure	10 – 50	No	N/A	Other: pumps restarted immediately	Other: evaluating problem with electrical panel	N/A	3/27/2015	10/29/2012
4/12/2015 5:08 PM	0.5	MH (5-231)	Rock Street	Police Department	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	4/13/2015	
4/30/2015 3:45 PM	0.5	MH (6-107)	N/A	Homeowner/ Resident	Dry	Grease	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	4/30/2015	7/15/2013
5/1/2015 9:40 AM	1	MH (13-148)	corner of Boston Post Road and Wade Street	Homeowner/ Resident	Dry	Other (Rags)	50 – 100	Yes	Club Creek	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	5/5/2015	12/17/2009
5/1/2015 10:50 AM	1.75	MH (16-137)	corner of Boston Post Road and Brower Street	WPCC employee	Dry	Grease	50 – 100	Yes	Club Creek	Regular maintenance of sewer	Regular maintenance of main sewer	Tom Hill Septic/Septage hauler	5/1/2015	
5/1/2015 4:50 PM	2.75	MH (13-166)	N/A	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	5/1/2015	10/26/2009
5/7/2015 9:55 AM	0.5	MH (13-145)	114 Boston Post Road	Homeowner/ Resident	Dry	Other (Rags)	10 – 50	Yes	West River	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	5/7/2015	
5/20/2015 4:45 PM	2	MH (4-95)	behind Ora Mason Library	Homeowner/ Resident	Dry	Grease	100 – 1,000	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Tom Hill Septic/Septage hauler	5/20/2015	
6/13/2015 8:15 AM	0.75	MH (10-309)	West Spring Street and Greta Street	Homeowner/ Resident	Dry	Grease	10 – 50	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	6/13/2015	6/20/2013
6/19/2015 8:30 AM	0.75	MH (13-205)	corner of Spring Street and Front Avenue	Other (Person driving by)	Dry	Grease	10 – 50	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	6/19/2015	3/12/2008

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6/19/2015 11:50 AM	0.25	MH (10-147)	corner of York Street at Campbell Avenue	Other (Person driving by)	Dry	Grease	50 – 100	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	6/19/2015	
7/29/2015 8:15 PM	0.5	MH (12-147)	744 Boston Post Road	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	7/30/2015	
8/7/2015 7:18 AM	0.75	MH (2-181)	Near 16 Ida Lane	Homeowner/ Resident	Dry	Grease	100 – 1,000	Yes	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	8/7/2015	8/29/2014
8/8/2015 1:45 PM	0.25	MH (7-39)	Near 3 Cold Spring Road	WPCC employee	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	8/8/2015	1/1/2007
9/4/2015 4:14 PM	1	MH (13-237)	Near 78 Dana Street	Homeowner/ Resident	Dry	Grease	100 – 1,000	Yes	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	9/4/2015	
9/20/2015 3:30 PM	1	108 DAVID ST	N/A	Homeowner/ Resident	Dry	Grease	100 – 1,000	Yes	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	9/20/2015	
9/21/2015 11:25 AM	0.5	MH (13-196)	Cul-de-sac at end of Lambert Street	WPCC employee	Dry	Grease	10 – 50	No	West River	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	9/21/2015	1/22/2008
9/23/2015 1:30 PM	0.5	MH (11-96)	Intersection of 3rd Ave and White Street	Homeowner/ Resident	Dry	Mechanical Equipment Failure	10 – 50	No	N/A	Other: Construction company Komar to repair sewer line on 9-24-2015	Other: Construction company Komar to repair sewer line on 9-24-2015	Vactor truck	9/23/2015	
10/19/2015 3:30 PM	0.1	19 HARDING AVE	N/A	Homeowner/ Resident	Dry	Grease	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	10/19/2015	5/19/2015
10/19/2015 3:40 PM	3.5	33 HARDING LN	N/A	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	10/19/2015	5/1/2014

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11/9/2015 10:00 AM	0.75	Baybrook Pump Station	1 Bayshore Drive	Plumber/ Contractor	Dry	Electrical Equipment Failure	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	11/9/2015	
11/13/2015 1:40 PM	0.1	MH (13-193)	Spring Street	WPCC employee	Dry	Grease	50 – 100	Yes	West River	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	11/13/2015	3/6/2015
11/27/2015 12:28 PM	0.5	MH (10-299, 10-299A, 10-299B)	Sawmill Road	Police Department	Dry	Grease	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	11/27/2015	
11/30/2015 12:00 PM	0.1	128 CENTER ST	N/A	Homeowner/ Resident	Dry	Grease	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Tom Hill Septic/Septage hauler	11/30/2015	
11/30/2015 2:06 PM	0.75	MH (10-335)	40 Coleman Street	WPCC employee	Dry	Grease	1,000 – 25,000	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	12/1/2015	
12/14/2015 9:45 AM	0.5	21 OCALA ST	N/A	Homeowner/ Resident	Dry	Grease	50 – 100	No	N/A	N/A		Tom Hill Septic/Septage hauler	12/14/2015	
12/18/2015 8:15 AM	0.75	MH (13-102)	18 Tile Street	Homeowner/ Resident	Dry	Grease	10 – 50	No	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	12/18/2015	
12/21/2015 8:40 AM	0.25	21 OCALA ST	N/A	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	12/21/2015	12/14/2015
12/24/2015 9:50 AM	0.5	463 CAMPBELL AVE	N/A	Homeowner/ Resident	Dry	Grease	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Homeowner cleaned the area	12/24/2015	1/30/2011
12/27/2015 10:15 PM	1	MH (7-112)	30 Cove Brook Road	Homeowner/ Resident	Dry	Other (Rags)	100 – 1,000	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	12/28/2015	
1/9/2016 12:40 PM	2	457 OCEAN AVE	N/A	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	1/9/2016	3/15/2010

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Appendix A: City of West Haven Collection System Releases From 1/1/2012 to 2/19/2018

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1/25/2016 8:38 PM	0.75	229 TERRACE AVE	N/A	Homeowner/ Resident	Dry	Grease	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	1/25/2016	
1/26/2016 8:10 AM	0.1	MH (2-53)	near 17 Batt Lane	Homeowner/ Resident	Dry	Grease	100 – 1,000	Yes	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	1/26/2016	8/8/2010
2/1/2016 10:15 AM	0.75	MH (13-165)	near 59 Locust St	Homeowner/ Resident	Dry	Grease	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	2/1/2016	
2/1/2016 12:15 PM	0.1	MH (12-3)	near 175 Canton St	Homeowner/ Resident	Dry	Grease	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	2/1/2016	
2/12/2016 8:40 AM	0.1	MH (5-133)	near 119 Bluff Ave	WPCC employee	Dry	Other (Rags)	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	2/12/2016	4/17/2011
2/14/2016 12:20 PM	0.75	MH (8-24)	near 100 Campbell Ave	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	2/14/2016	3/5/2013
3/3/2016 8:05 AM	1.25	MH (5-135)	near 124 Bluff Ave	Homeowner/ Resident	Dry	Grease	100 – 1,000	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	3/3/2016	
3/5/2016 10:30 AM	1.25	MH (5-135)	near 124 Bluff Ave	WPCC employee	Dry	Other (Grease, roots, and rags)	100 – 1,000	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	3/5/2016	3/3/2016
3/10/2016 9:12 AM	0.25	MH (13-165)	near 59 Locust St	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	3/10/2016	2/1/2016
3/13/2016 1:40 PM	0.75	92 PUTNEY DR	N/A	Homeowner/ Resident	Dry	Other (Rags)	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	3/13/2016	
3/16/2016 9:36 AM	0.25	MH (16-164)	Orange Ave - end of Gilbert St	WPCC employee	Dry	Other (Rags)	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	3/16/2016	4/8/2011

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3/21/2016 2:35 PM	2.25	MH (3-70)	Near 12 Arlington St	WPCC employee	Dry	Grease	100 – 1,000	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	3/21/2016	
3/31/2016 7:05 PM	1.5	Woodycrest Pump Station	457 Ocean Ave	Homeowner/ Resident	Dry	Mechanical Equipment Failure	100 – 1,000	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	3/31/2016	
4/16/2016 11:30 AM	0.25	MH (16-137)	Intersection of Brower St and Boston Post Rd	Police Department	Dry	Other (Rags)	100 – 1,000	Yes	Club Creek	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	4/16/2016	5/1/2015
4/29/2016 5:34 PM	3	Main Sewer	near 52 Peabody St	Homeowner/ Resident	Dry	Other (Grease and Rags)	100 – 1,000	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	4/29/2016	
5/4/2016 10:00 AM	0.5	MH (10-16)	near 30 Voss Rd	WPCC employee	Dry	Other (Grease and Roots)	100 – 1,000	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	5/4/2016	
5/15/2016 2:48 PM	1	MH (10-143)	near 90 Clark Street	Homeowner/ Resident	Dry	Other (Rags)	50 – 100	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	5/15/2016	
5/21/2016 6:40 PM	0.1	34 HOMESTEAD AVE	N/A	Homeowner/ Resident	Dry	Other (Grease and Rags)	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	5/21/2016	5/1/2015
5/23/2016 3:00 PM	0.1	MH (13-250)	Campbell Ave and 1st Ave Intersection	WPCC employee	Dry	Other (Roots and Rags)	10 – 50	Yes	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	5/23/2016	2/23/2009
6/17/2016 11:20 AM	5	Other:	Orange Ave (Under bridge)	Plumber/ Contractor	Dry	Unknown	10 – 50	No	West River	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	6/17/2016	1/10/2016
6/18/2016 5:15 PM		Other:	Orange Ave (Under bridge)	WPCC employee	Dry	Unknown	Unknown	No	West River	Other: Dig up and repair pipe	Regular maintenance of main sewer	Vactor truck	6/18/2016	
6/30/2016 10:30 PM	0.5	MH (7-190)	near 412 Kelsey Avenue	Homeowner/ Resident	Dry	Other (Grease and Rags)	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	6/30/2016	

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7/1/2016 11:27 AM	0.1	9 WARD PL	N/A	Homeowner/ Resident	Dry	Other (Grease and Rags)	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	7/1/2016	
7/8/2016 6:25 PM	1.5	219 COLONIAL BLVD	N/A	Homeowner/ Resident	Dry	Other (Grease and Rags)	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Tom Hill Septic/Septage hauler	7/8/2016	
7/9/2016 11:35 PM	0.25	19 HARDING AVE	N/A	Homeowner/ Resident	Dry	Other (Grease and Rags)	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	7/10/2016	10/19/2015
7/19/2016 9:40 PM	1	MH (12-147)	near 744 West Post Road	Police Department	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	7/19/2016	7/29/2015
8/14/2016 10:30 AM	0.25	59 LOCUST ST	N/A	Homeowner/ Resident	Dry	Grease	< 10	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	8/14/2016	7/6/2010
9/12/2016 8:48 AM	0.5	MH (16-135)	near 10 Forest Road	Other (construction worker at site)	Dry	Other (Rags)	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	9/12/2016	
9/13/2016 9:00 AM	0.5	MH (16-71)	N/A	Homeowner/ Resident	Dry	Grease	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	9/13/2016	12/9/2014
9/20/2016 7:50 AM	0.5	MH (12-6)	near 440 Meloy Road	Homeowner/ Resident	Dry	Grease	100 – 1,000	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	9/20/2016	1/24/2009
10/12/2016 8:15 AM	0.5	MH (10-310)	317 West Spring Street	Homeowner/ Resident	Dry	Grease	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	10/12/2016	12/20/2013
10/16/2016 8:01 PM	1	89 HOMESIDE AVE	N/A	Homeowner/ Resident	Dry	Grease	< 10	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Homeowner cleaned the area	10/16/2016	
10/28/2016 9:10 AM	0.5	MH (7-112)	36 Cove Brook Road	Homeowner/ Resident	Dry	Roots	50 – 100	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	10/28/2016	12/27/2015

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11/23/2016 11:30 AM	3	142 KELSEY AVE	140 and 142 Kelsey Ave	Homeowner/ Resident	Dry	Other (Grease and Rags)	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	11/23/2016	
12/4/2016 10:15 PM	2	99 COLEMAN ST	N/A	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	12/5/2016	
12/31/2016 12:25 PM	0.75	MH (10-267)	32 York St	Police Department	Dry	Debris	50 – 100	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	12/31/2016	6/15/2015
1/11/2017 11:30 AM	0.75	100 CAMPBELL AVE	N/A	Homeowner/ Resident	Wet	Grease	1,000 – 25,000	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	1/11/2017	2/16/2016
1/16/2017 7:20 PM	1	MH (10-316)	near 5 - 6 Greta Street	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	1/16/2017	
1/18/2017 8:33 AM	0.5	MH (2-376A)	near 475 Ocean Ave	Homeowner/ Resident	Wet	Grease	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	1/18/2017	3/31/2016
1/20/2017 10:35 AM	0.25	89 BEATRICE DR	N/A	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	1/20/2017	6/2/2010
1/20/2017 8:34 PM	1	MH (8-95)	near 2 Williams Street	Police Department	Dry	Open Hydrant	100 – 1,000	Yes	Old Field Creek	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	1/20/2017	
2/7/2017 7:00 AM	0.25	MH (2-171)	near 181 Beatrice Drive	Homeowner/ Resident	Dry	Other (Rags)	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	2/7/2017	5/1/2014
2/14/2017 11:05 AM	0.5	MH (2-334C)	N/A	Plumber/ Contractor	Dry	Other (Rags)	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	2/14/2017	

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2/23/2017 5:00 PM	11	MH (4-6)	near 300 Callegari Drive (cross country in back of lot)	Police Department	Dry	Vandalism	> 100,000	Yes	Oyster River	Other:	Cleaned out sewer line and replaced cover	N/A	2/24/2017	
3/7/2017 12:30 PM	0.5	Mobile Bypass Pumping Unit	Cove River Pump Station Kelsey Avenue	WPCC employee	Dry	Mechanical Equipment Failure	50 – 100	Yes	Cove River	Other:	Issue with piping and pump	Vactor truck	3/7/2017	1/9/2014
3/9/2017 6:47 PM	2.5	63 RUBY RD	N/A	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	3/9/2017	4/21/2009
3/20/2017 4:10 PM	3	MH (5-231A)	Rock St near Jimmies	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	3/20/2017	4/12/2015
4/4/2017 7:12 AM	7	Dawson Avenue Pump Station	Manhole 3-19 outside of pump station overflowed as well	WPCC employee	Wet	Heavy Rain	100 – 1,000	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	4/4/2017	3/27/2015
4/4/2017 7:30 AM	6.5	MH (5-39)	Ocean Ave and Grove Place	WPCC employee	Wet	Heavy Rain	100 – 1,000	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	4/4/2017	4/23/2011
4/4/2017 7:30 AM	6.5	MH (5-85)	Usher Ct	WPCC employee	Wet	Heavy Rain	100 – 1,000	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	4/4/2017	
4/4/2017 8:30 AM	5.5	MH (7-137)	near 467 Painter Dr	WPCC employee	Wet	Heavy Rain	100 – 1,000	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	4/4/2017	12/13/2010
4/6/2017 7:19 PM	2.5	118 PEABODY ST	N/A	Homeowner/ Resident	Wet	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	4/6/2017	
4/6/2017 8:20 PM	2	MH (5-85)	near 6 Usher Ct	WPCC employee	Wet	Heavy Rain	100 – 1,000	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	4/6/2017	4/4/2017

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4/6/2017 8:20 PM	1.5	MH (5-39)	Ocean Ave at Grove Pl	WPCC employee	Wet	Heavy Rain	100 – 1,000	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	4/6/2017	4/4/2017
4/8/2017 8:53 AM	0.5	MH (2-181)	near 16 Ida Lane	Homeowner/ Resident	Dry	Grease	100 – 1,000	Yes	Oyster River	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	4/10/2017	8/7/2015
4/22/2017 9:10 PM	1	42 FOREST RD	N/A	Homeowner/ Resident	Dry	Grease	100 – 1,000	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	4/22/2017	2/2/2010
4/24/2017 11:00 AM	0.5	MH (11-14)	near 119 Brown Street	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	4/24/2017	
4/27/2017 9:30 AM	0.15	MH (12-115)	behind 52 Peabody St	Homeowner/ Resident	Dry	Other (Sewer Line Blockage)	10 – 50	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	4/27/2017	4/29/2016
4/27/2017 2:40 PM	0.5	Dawson Avenue Pump Station	MHs 3-19, 3-73, 3-72 in front of PS surcharged	Police Department	Dry	Mechanical Equipment Failure	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	4/27/2017	4/4/2017
5/3/2017 11:50 AM	0.5	MH (9-84)	near 32 Eileen Road	Homeowner/ Resident	Dry	Grease	10 – 50	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	5/3/2017	11/2/2013
5/5/2017 3:45 PM	1.75	33 HARDING AVE	N/A	Homeowner/ Resident	Wet	Grease	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	5/5/2017	7/9/2016
5/17/2017 11:51 AM	1	33 SYCAWAY ST	N/A	Plumber/ Contractor	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	5/17/2017	
6/10/2017 9:51 AM	1	Main Sewer	8-183:8-182, Morse Ave	Homeowner/ Resident	Dry	Grease	10 – 50	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	6/10/2017	2/25/2014
6/10/2017 11:20 AM	0.25	120 BROWN ST	N/A	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	6/10/2017	4/24/2017

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6/23/2017 6:15 AM	0.25	Morrissey Lane Pump Station	44 Morrissey Lane	Homeowner/ Resident	Dry	Mechanical Equipment Failure	10 – 50	Yes	Oyster River	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	6/23/2017	6/26/2015
7/5/2017 10:10 PM	0.25	49 PECK AVE	N/A	Police Department	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	7/5/2017	
7/9/2017 10:05 AM	0.5	MH (12-3)	near 146 Canton St	Homeowner/ Resident	Dry	Grease	50 – 100	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	7/9/2017	2/1/2016
7/15/2017 12:45 PM	3	MH (12-3)	near 146 Canton St	Homeowner/ Resident	Dry	Grease	50 – 100	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	7/15/2017	7/9/2017
8/22/2017 4:30 PM	0.25	457 OCEAN AVE	N/A	Homeowner/ Resident	Dry	Mechanical Equipment Failure	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	8/22/2017	3/31/2016
8/30/2017 6:50 AM	0.5	MH (10-147)	near 706 Campbell Ave	WPCC employee	Dry	Grease	50 – 100	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	8/30/2017	6/19/2015
8/30/2017 8:20 AM	0.5	MH (13-194)	near 30 Lambert	Other (resident smelled odor)	Dry	Grease	50 – 100	Yes	Club Creek	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	8/30/2017	9/21/2015
8/31/2017 8:11 AM	0.25	MH (2-181)	near 16 Ida Lane	Homeowner/ Resident	Dry	Grease	100 – 1,000	Yes	Oyster River	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	8/31/2017	4/2/2017
9/24/2017 1:05 PM	0.5	MH (8-138)	near 269 Captain Thomas Blvd	Homeowner/ Resident	Dry	Grease	10 – 50	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	9/24/2017	
10/10/2017 10:00 AM	0.5	MH (12-8)	near 2 Knox St	Homeowner/ Resident	Dry	Grease	100 – 1,000	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	10/10/2017	3/14/2014
10/21/2017 6:46 PM	1	24 OCALA ST	N/A	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	10/21/2017	12/12/2015

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11/26/2017 3:18 PM	1.25	71 RICHARDS ST	N/A	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	11/26/2017	4/30/2010
11/27/2017 8:30 AM	1.5	1 FOREST RD	N/A	Homeowner/ Resident	Dry	Grease	1,000 – 25,000	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master, Tom Hill	12/30/2017	2/2/2010
12/23/2017 10:45 AM	4.25	MH (4-149)	near 325 Morgan Ln	Police Department	Wet	Unknown	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	12/23/2017	
12/27/2017 9:15 AM	0.5	MH (9-180)	near 435 Sawmill Rd	WPCC employee	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	12/27/2017	12/15/2012
1/12/2018 1:45 PM	2	MH (4-149)	325 Morgan Ln	Police Department	Dry	Grease	1,000 – 25,000	Yes	Oyster River	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	1/12/2018	12/23/2017
1/24/2018 7:00 PM	0.25	MH (10-213)	16 Oliver Ln	Police Department	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	1/24/2018	1/7/2015
2/2/2018 10:20 AM	0.25	MH (12-12)	190 Jaffery St	Homeowner/ Resident	Dry	Grease	100 – 1,000	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	2/2/2018	
2/7/2018 8:45 AM	0.25	MH (9-84)	36 Eileen	Other (Town Employee)	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	2/7/2018	5/3/2017

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Appendix A: City of West Haven Collection System Releases From 1/1/2018 to 12/31/2018

Date/Time of Event	Duration (hours)	Bypass Location	More Description of Location	Source of Notification	Weather	Cause of Bypass	Volume ¹ (gallons)	Reached Catch Basin?	Affected Surface Water ²	Steps Taken to Stop Overflow	Steps Taken to Prevent Future Overflows	Cleaning Method	Date Reported to DEEP	Date of Last Bypass at this Location ³
1/12/2018 1:45 PM	2	MH (4-149)	near 325 Morgan Ln	Police Department	Dry	Grease	1,000 – 25,000	Yes	Oyster River	Regular maintenance of sewer	Regular maintenance of main sewer	Vactor truck	1/12/2018	12/23/2017
1/24/2018 7:00 PM	0.25	MH (10-213)	near 16 Oliver Ln	Police Department	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	1/24/2018	1/7/2015
2/2/2018 10:20 AM	0.25	MH (12-12)	near 190 Jaffery St	Homeowner/ Resident	Dry	Grease	100 – 1,000	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	2/2/2018	
2/7/2018 8:45 AM	0.25	MH (9-84)	near 36 Eileen St	Other (Town Employee)	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	2/7/2018	5/3/2017
2/20/2018 9:15 AM	0.5	Main Pump Station	N/A	WPCC employee	Dry	Electrical Equipment Failure	1,000 – 25,000	No	N/A	Other: Most likely reset grinder and/or cleaned it out	Other: Most likely reset grinder and/or cleaned it out	West Haven personnel cleaned area	2/20/2018	8/14/2014
3/29/2018 1:30 PM	0.5	MH (9-84)	near 32 Eileen Rd	Other (CDM Smith Employees)	Wet	Grease	100 – 1,000	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	3/29/2018	2/7/2018
4/9/2018 9:00 AM	0.5	MH (12-3)	near 146 Canton St	WPCC employee	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	N/A	4/9/2018	7/15/2017
4/16/2018 1:00 PM	69	Dawson Avenue Pump Station	N/A	WPCC employee	Wet	Heavy Rain	1,000 – 25,000	No	New Haven Harbor	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	4/19/2018	4/10/2017
6/2/2018 10:00 AM	0.5	183 BENHAM HILL RD	Also affected 145 and 195 Benham Hill Rd	Homeowner/ Resident	Dry	Grease	100 – 1,000	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	Service Master/Other contractor	6/5/2018	4/2/2010
6/6/2018 1:46 PM	0.25	381 ORANGE AVE	also affected resident on Pruden St	Homeowner/ Resident	Dry	Other (Sewer line blockage)	50 – 100	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	6/6/2018	

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2. Where the bypass reached storm basins or surface waters, the volume discharged to the receiving water is assumed to be the entire volume reported.
3. Period of record: July 5, 2006 – June 30, 2018. Blank entry indicates that no previous bypass event occurred at this location during this period of record.

Appendix A: City of West Haven Collection System Releases From 1/1/2018 to 12/31/2018

Date/Time of Event	Duration (hours)	Bypass Location	More Description of Location	Source of Notification	Weather	Cause of Bypass	Volume ¹ (gallons)	Reached Catch Basin?	Affected Surface Water ²	Steps Taken to Stop Overflow	Steps Taken to Prevent Future Overflows	Cleaning Method	Date Reported to DEEP	Date of Last Bypass at this Location ³
6/7/2018 6:00 PM	0.75	MH (13-148)	near 300 Boston Post Rd	Police Department	Dry	Roots	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	6/7/2018	5/1/2015
6/13/2018 9:00 AM	33	Main Pump Station	N/A	WPCC employee	Dry	Other (Sewer line break)	1,000 – 25,000	Yes	Old Field Creek	N/A	Regular maintenance of main sewer	West Haven personnel cleaned area	6/15/2018	2/20/2018
6/15/2018 10:00 AM	151	Main Pump Station	N/A	WPCC employee	Dry	Unknown	50,000 – 75,000	Yes	Old Field Creek	N/A	Regular maintenance of main sewer	West Haven personnel cleaned area	6/22/2018	6/13/2018
6/27/2018 7:45 AM	0.5	MH (16-134)	near 20 Forest Road	WPCC employee	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	6/27/2018	
7/22/2018 1:15 PM	0.1	MH (16-135)	near 10 Forest Road	WPCC employee	Dry	Grease	100 – 1,000	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	7/23/2018	9/12/2016
7/28/2018 9:00 AM	0.75	MH (10-309)	intersection of West Spring Street and Greta Street	WPCC employee	Dry	Other (Blockage)	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	7/28/2018	6/13/2015
8/28/2018 1:58 PM	2370	Main Sewer	5-231:5-231C, Rock St/Captain Thomas	WPCC employee	Dry	Collapsed Pipe	50,000 – 75,000	Yes	New Haven Harbor	Other: Repaired pipe	Other: Repaired pipe	N/A	12/5/2018	
9/12/2018 4:00 PM	6	Cove River Pump Station	near 350 Painter Dr	WPCC employee	Wet	Heavy Rain	1,000 – 25,000	Yes	Cove River	pumps in manual until water level went down	pumps in manual until water level went down	West Haven personnel cleaned area	9/12/2018	3/7/2017
9/12/2018 4:00 PM	13	Oyster River Pump Station	near 171 Beatrice Dr	WPCC employee	Wet	Heavy Rain	1,000 – 25,000	Yes	Oyster River	Other: pumps were put in manual mode until waste level dropped	Other: pumps were put in manual mode until waste level dropped	West Haven personnel cleaned area	9/12/2018	5/1/2014
9/12/2018 4:00 PM	0.75	MH (10-311)	near 376 West Spring Street	WPCC employee	Wet	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	9/12/2018	8/27/2008

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3. Period of record: July 5, 2006 – June 30, 2018. Blank entry indicates that no previous bypass event occurred at this location during this period of record.

Appendix A: City of West Haven Collection System Releases From 1/1/2018 to 12/31/2018

Date/Time of Event	Duration (hours)	Bypass Location	More Description of Location	Source of Notification	Weather	Cause of Bypass	Volume ¹ (gallons)	Reached Catch Basin?	Affected Surface Water ²	Steps Taken to Stop Overflow	Steps Taken to Prevent Future Overflows	Cleaning Method	Date Reported to DEEP	Date of Last Bypass at this Location ³
12/4/2018 5:08 PM	1	151 WHITE ST	N/A	Homeowner/ Resident	Dry	Grease	10 – 50	No	N/A	Regular maintenance of sewer	Regular maintenance of main sewer	West Haven personnel cleaned area	12/4/2018	

1. Volumes discharged are visual estimates. Ranges include the larger value in the range (ex: 10-50 gal includes 50 gal, where 50-100 gal includes 100 gal).
2. Where the bypass reached storm basins or surface waters, the volume discharged to the receiving water is assumed to be the entire volume reported.
3. Period of record: July 5, 2006 – June 30, 2018. Blank entry indicates that no previous bypass event occurred at this location during this period of record.

Appendix A: City of West Haven Collection System Releases From 1/1/2019 to 12/31/2019

Date/Time of Event	Duration (hours)	Bypass Location	More Description of Location	Source of Notification	Weather	Cause of Bypass	Volume ¹ (gallons)	Reached Catch Basin?	Affected Surface Water ²	Steps Taken to Stop Overflow	Steps Taken to Prevent Future Overflows	Cleaning Methods	Date Reported to DEEP	Date of Last Bypass at this Location ³
1/2/2019 10:20 AM	0.5	MH (16-163)	near 105 Boston Post Rd	Homeowner or Resident	Dry	Other: Blockage	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	1/2/2019	4/15/2010
1/19/2019 5:16 PM	0.5	130 PUTNEY DR	N/A	Homeowner or Resident	Dry	Grease	100 - 1,000	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	1/19/2019	
1/24/2019 4:45 PM	0.25	130 PUTNEY DR	N/A	Homeowner or Resident	Wet	Other: Blockage	50 - 100	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	1/24/2019	1/19/2019
1/28/2019 11:30 PM	8.5	326 WASHINGTON AVE	N/A	Homeowner or Resident	Dry	Grease	50 - 100	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	1/29/2019	
2/15/2019 9:40 PM	1	816 SAWMILL RD	N/A	Homeowner or Resident	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	2/15/2019	
2/17/2019 11:15 AM	0.75	MH (16-181)	near 34 Bristol Street	Police Department	Dry	Other: Blockage	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	2/17/2019	
2/18/2019 9:06 AM	1.25	MH (16-163)	MH 16-164 may have also been affected	Police Department	Wet	Other: Blockage	100 - 1,000	Yes	Unknown Name	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	2/18/2019	1/2/2019
2/24/2019 3:17 PM	0.1	108 DAVID ST	N/A	Homeowner or Resident	Wet	Grease	100 - 1,000	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	2/24/2019	9/20/2015
3/10/2019 5:00 PM	1.5	98 SMITH ST	Basement of 98 Smith Street	Homeowner or Resident	Wet	Grease	100 - 1,000	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	3/10/2019	
3/11/2019 7:30 AM	1	MH (10-299B)	Assumed MH ID based on address given, there was no MH ID given on form.	WPCC employee	Wet	Grease	100 - 1,000	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	3/11/2019	11/27/2015
3/16/2019 3:45 PM	0.5	18 VALLEY BROOK RD	WW discharged to both 18 Valley Brook Road and 100 Putney Drive	Homeowner or Resident	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Tom Hill Septic/Septage hauler	3/16/2019	
10/15/2019 10:30 AM	0.75	MH (10-311A)	Nearest Street Address 386 West Spring Street. Manhole was assumed from report email and service request form.	Police Department	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Other	10/15/2019	4/27/2009
11/4/2019 8:10 AM	0.75	MH (16-164)	Manhole bubbling up to surface.	Homeowner or Resident	Dry	Grease	10 - 50	Yes	West River	Regular maintenance of sewer	Regular maintenance of sewer	Other	11/4/2019	3/16/2016
12/14/2019 7:14 AM	0.5	70 YORK ST	Basement	Homeowner or Resident	Wet	Grease	50 - 100	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	12/14/2019	
12/14/2019 9:48 AM	7.25	MH (3-17A)	N/A	WPCC employee	Wet	Heavy Rain	1,000 - 25,000	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	12/14/2019	
12/14/2019 10:19 AM	6.75	MH (8-195)	N/A	WPCC employee	Wet	Heavy Rain	1,000 - 25,000	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	12/14/2019	12/19/2008
12/14/2019 12:36 PM	0.5	20 TILE ST	N/A	Homeowner or Resident	Wet	Heavy Rain	50 - 100	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	12/14/2019	

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3. Period of record begins July 5, 2006. Blank entry indicates that no previous bypass event occurred at this location during this period of record.

Appendix A: City of West Haven Collection System Releases From 1-1-2020 to 12-31-2020

Date/Time of Event	Duration (hours)	Bypass Location	More Description of Location	Source of Notification	Weather	Cause of Bypass	Volume ¹ (gallons)	Reached Catch Basin?	Affected Surface Water ²	Steps Taken to Stop Overflow	Steps Taken to Prevent Future Overflows	Cleaning Methods	Date Reported to DEEP	Date of Last Bypass at this Location ³
1/15/2020 8:30 AM	1	MH (7-126)	near 16 Simos Ln	Homeowner or Resident	Dry	Mechanical Equipment Failure	100 - 1,000	No	N/A	Other: Cove River PS pumps rebuilt	Other: Cove River PS pumps rebuilt	West Haven personnel cleaned area	1/15/2020	
1/15/2020 9:00 AM	1	MH (12-3)	near 175 Canton St	Homeowner or Resident	Dry	Debris	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	1/18/2020	4/19/2018
1/18/2020 8:20 AM	0.75	MH (7-126)	near 16 Simos Ln	Homeowner or Resident	Dry	Mechanical Equipment Failure	10 - 50	No	N/A	Other: Cove River PS pumps rebuilt	Other: Cove River PS pumps rebuilt	N/A	1/18/2020	1/15/2020
3/2/2020 6:30 PM	1	MH (13-152)	near 32 Wade Street	Homeowner or Resident	Dry	Debris	50 - 100	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	3/2/2020	
3/3/2020 10:06 AM	1	MH (16-137)	near 275 Orange St, 297 Boston Post Rd	Police Department	Dry	Grease	50 - 100	No	N/A	N/A	N/A	West Haven personnel cleaned area	3/3/2020	4/16/2016
3/4/2020 7:50 AM	1	MH (16-135)	near 10 Forest St/Boston Post Rd	Other: DPW	Dry	Grease	10 - 50	No	N/A	N/A	N/A	West Haven personnel cleaned area	3/4/2020	7/22/2018
4/11/2020 10:15 AM	0.5	MH (1-28)	near 24 Annawon Ave	Other: City Official	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	4/11/2020	
4/11/2020 5:50 PM	1	412 KELSEY AVE	N/A	Homeowner or Resident	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	4/11/2020	
4/16/2020 2:45 PM	0.5	MH (8-206)	near 7 Beach St	Homeowner or Resident	Dry	Debris	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	4/16/2020	1/2/2007
6/10/2020 11:00 AM	12	MH (13-191)	near 45 Spring St	Other: Highway Dept	Dry	Collapsed Pipe	25,000 - 50,000	No	N/A	Other: repair of collapsed pipe	N/A	West Haven personnel cleaned area	6/11/2020	12/11/2010
6/17/2020 7:30 AM	1.25	MH (13-48)	near 85 Miami St	Plumber or Contractor	Dry	Grease	50 - 100	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	6/17/2020	8/22/2011
6/23/2020 2:00 PM	0.5	MH (16-163)	near 99 Orange Ave	Other: CTDOT	Dry	Debris	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	6/23/2020	2/18/2019
7/27/2020 11:26 AM	1	77 RUBY RD	77, 73, 74 Ruby Rd basements	Homeowner or Resident	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	7/28/2020	
8/19/2020 6:20 AM	0.5	44 MORRISSEY LA	near Morrissey Ln Pump Station	Homeowner or Resident	Dry	Electric Utility Failure	10 - 50	No	N/A	Other: pumps not running at Morrissey Ln Pump Station because of the power loss	Other: pumps not running at Morrissey Ln Pump Station because of the power loss	West Haven personnel cleaned area	8/19/2020	
9/16/2020 5:45 PM	0.25	MH (16-163)	near 103 Orange Ave	Homeowner or Resident	Dry	Grease	10 - 50	Yes	West River	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	9/16/2020	6/23/2020
9/29/2020 10:00 AM	1	MH (12-8)	near 2 Knox Street	Homeowner or Resident	Dry	Grease	100 - 1,000	Yes	drainage pond	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	9/29/2020	10/10/2017
10/6/2020 10:45 AM	0.5	MH (10-299B)	near 255 Sawmill Road	Homeowner or Resident	Dry	Grease	10 - 50	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	10/6/2020	11/27/2015
10/8/2020 11:15 AM	0.5	MH (2-171)	near 185 Beatrice Dr	WPCC employee	Dry	Grease	10 - 50	Yes	Oyster River	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	10/8/2020	2/7/2017
11/13/2020 8:15 AM	0.5	MH (12-124A)	near 88 Miami St	Homeowner or Resident	Wet	Grease	50 - 100	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	11/13/2020	

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3. Period of record begins July 5, 2006. Blank entry indicates that no previous bypass event occurred at this location during this period of record.

Appendix A: City of West Haven Collection System Releases From 1-1-2020 to 12-31-2020

Date/Time of Event	Duration (hours)	Bypass Location	More Description of Location	Source of Notification	Weather	Cause of Bypass	Volume ¹ (gallons)	Reached Catch Basin?	Affected Surface Water ²	Steps Taken to Stop Overflow	Steps Taken to Prevent Future Overflows	Cleaning Methods	Date Reported to DEEP	Date of Last Bypass at this Location ³
11/18/2020 11:30 AM	0.5	130 PUTNEY DR	N/A	Homeowner or Resident	Dry	Grease	100 - 1,000	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Tom Hill Septic/Septage hauler	11/18/2020	1/24/2019
11/29/2020 1:50 PM	2	24 ANNAWON AVE	N/A	Police Department	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	11/29/2020	
12/19/2020 11:55 AM	0.25	MH (10-319)	near 99 Coleman Street	Homeowner or Resident	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	12/19/2020	8/19/2011
12/20/2020 7:34 AM	0.5	MH (6-106)	near 44 Morrissey Lane	Homeowner or Resident	Dry	Mechanical Equipment Failure pumps not primed at Morrissey Ln PS	10 - 50	Yes	Oyster River	Other: pumps checked and primed at Morrissey PS	Regular maintenance of sewer pumps checked and primed at Morrissey PS	West Haven personnel cleaned area	12/20/2020	
12/31/2020 8:00 PM	0.75	MH (16-163)	near 103 Boston Post Rd	Other: West Haven DPW Employee	Dry	Other: Grease and Rags	10 - 50	Yes	West River	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	1/1/2021	9/16/2020

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Appendix A: City of West Haven Collection System Releases From 1-1-2021 to 12-31-2021

Date/Time of Event	Duration (hours)	Bypass Location	More Description of Location	Source of Notification	Weather	Cause of Bypass	Volume ¹ (gallons)	Reached Catch Basin?	Affected Surface Water ²	Steps Taken to Stop Overflow	Steps Taken to Prevent Future Overflows	Cleaning Methods	Date Reported to DEEP	Date of Last Bypass at this Location ³
1/6/2021 11:00 AM	0.75	MH (8-113)	Near 255 Blohm St	Homeowner or Resident	Dry	Debris	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	1/6/2021	
1/8/2021 10:00 PM	0.75	18 TILE ST	N/A	Homeowner or Resident	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	1/9/2021	
1/10/2021 1:30 PM	0.5	MH (16-163)	Near 101 Boston Post Rd	Police Department	Dry	Other: Linens	10 - 50	Yes	West River	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	1/10/2021	12/31/2020
1/20/2021 4:10 PM	1	30 COVE BROOK RD	N/A	Homeowner or Resident	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	1/20/2021	
1/22/2021 2:00 PM	0.5	MH (9-84)	Near 32 Eileen St	Homeowner or Resident	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	1/22/2021	3/29/2018
2/14/2021 1:00 PM	0.75	28 ZEGMONT ST	N/A	Homeowner or Resident	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	2/14/2021	
2/15/2021 3:45 PM	0.5	128 WINSLOW DR	N/A	Homeowner or Resident	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	2/15/2021	
3/6/2021 11:00 AM	0.5	MH (12-6)	Near 440 Old Meloy Rd	Homeowner or Resident	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	3/6/2021	9/20/2016
3/13/2021 6:15 PM	0.5	89 HOMESIDE AVE	N/A	Homeowner or Resident	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	3/13/2021	10/16/2016
3/14/2021 12:00 PM	0.75	MH (18-42)	Near 102 Hillside St	Police Department	Dry	Vandalism piece of pipe thrown into manhole, plugging invert	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	4/14/2021	
3/16/2021 3:30 PM	0.5	MH (16-163)	Near 103 Orange Ave	Homeowner or Resident	Dry	Vandalism piece of pipe thrown into manhole, plugging invert	10 - 50	Yes	West River	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	3/16/2021	1/10/2021
4/17/2021 2:24 PM	0.5	Pipe (8-183:8-182)	N/A	Homeowner or Resident	Dry	Unknown	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	4/17/2021	
4/18/2021 6:30 PM	0.5	580 WASHINGTON AVE	N/A	Homeowner or Resident	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	4/18/2021	
4/19/2021 10:20 AM	1	MH (14-22)	Near 13 Thill St	Homeowner or Resident	Dry	Roots	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	4/19/2021	11/23/2010
5/17/2021 8:30 PM	13.5	MH (10-86)	Stop & Shop Parking Lot	Other: Building Management	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	5/18/2021	
7/9/2021 9:14 AM	1.75	Oyster River Pump Station	171 Beatrice Drive	WPCC employee	Wet	Heavy Rain	1,000 - 25,000	Yes	New Haven Harbor	Other: pumps in manual until water level went down	Other: pumps in manual until water level went down	West Haven personnel cleaned area	7/9/2021	9/12/2018
7/15/2021 5:00 PM	0.5	31 SANFORD ST	N/A	Homeowner or Resident	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	7/15/2021	12/16/2007
7/16/2021 6:29 AM	0.5	MH (6-106)	Near 44 Morrissey Lane	Homeowner or Resident	Dry	Mechanical Equipment Failure	10 - 50	No	N/A	Other: pumps reset at Morrissey PS	Other: pumps reset at Morrissey PS	West Haven personnel cleaned area	7/16/2021	12/20/2020

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Appendix A: City of West Haven Collection System Releases From 1-1-2021 to 12-31-2021

Date/Time of Event	Duration (hours)	Bypass Location	More Description of Location	Source of Notification	Weather	Cause of Bypass	Volume ¹ (gallons)	Reached Catch Basin?	Affected Surface Water ²	Steps Taken to Stop Overflow	Steps Taken to Prevent Future Overflows	Cleaning Methods	Date Reported to DEEP	Date of Last Bypass at this Location ³
8/29/2021 9:00 PM	0.75	65 JONES HILL RD	N/A	Homeowner or Resident	Dry	Debris	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	8/29/2021	3/3/2008
9/2/2021 2:00 AM	10	Oyster River Pump Station	171 Beatrice Dr	WPCC employee	Wet	Heavy Rain	1,000 - 25,000	Yes	Oyster River	Other: pumps in manual until water level went down	Other: pumps in manual until water level went down	West Haven personnel cleaned area	9/2/2021	7/9/2021
9/2/2021 2:00 AM	10	Main Pump Station	168 Blohm St	WPCC employee	Wet	Heavy Rain	1,000 - 25,000	Yes	Long Island Sound	Other: pumps in manual until water level went down	Other: pumps in manual until water level went down	West Haven personnel cleaned area	9/2/2021	6/15/2018
9/2/2021 2:00 AM	10	Dawson Avenue Pump Station	745 Ocean Ave	WPCC employee	Wet	Heavy Rain	1,000 - 25,000	Yes	Long Island Sound	Other: pumps in manual until water level went down	Other: pumps in manual until water level went down	West Haven personnel cleaned area	9/2/2021	4/16/2018
9/2/2021 2:00 AM	10	Cove River Pump Station	360 Painter Dr	WPCC employee	Wet	Heavy Rain	1,000 - 25,000	Yes	Cove River	Other: pumps in manual until water level went down	Other: pumps in manual until water level went down	West Haven personnel cleaned area	9/2/2021	9/12/2018
9/2/2021 2:02 AM	10	Front Avenue Pump Station	165 Front Ave	WPCC employee	Wet	Heavy Rain	1,000 - 25,000	Yes	West River	Other: pumps in manual until water level went down	Other: pumps in manual until water level went down	West Haven personnel cleaned area	9/2/2021	4/22/2014
10/2/2021 2:10 PM	0.75	MH (9-4)	MH 9-4 and 9-5, 156 and 183 Bull Hill Ln	Homeowner or Resident	Dry	Grease	10 - 50	Yes	Oyster River	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	10/2/2021	

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2. Where the bypass reached storm basins or surface waters, the volume discharged to the receiving water is assumed to be the entire volume reported.
3. Period of record begins July 5, 2006. Blank entry indicates that no previous bypass event occurred at this location during this period of record.

Appendix A: City of West Haven Collection System Releases From 01-01-2022 to 12-31-2022

Date/Time of Event	Duration (hours)	Bypass Location	More Description of Location	Source of Notification	Weather	Cause of Bypass	Volume ¹ (gallons)	Reached Catch Basin?	Affected Surface Water ²	Steps Taken to Stop Overflow	Steps Taken to Prevent Future Overflows	Cleaning Methods	Date Reported to DEEP	Date of Last Bypass at this Location ³
1/18/2022 1:00 PM	1	901 BOSTON POST RD	901 Boston Post Road between mh #12-56 and 12-57. Bypass came out of the buildings cleanouts.	Homeowner or Resident	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	1/18/2022	
1/21/2022 9:30 AM	0.5	MH (7-112)	Manhole in yard of 26 Cove Brook Rd	Homeowner or Resident	Dry	Roots	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	1/21/2022	10/28/2016
3/15/2022 5:00 PM	0.5	MH (2-84E)	near 422 Jones Hill Road	Homeowner or Resident Homeowner of 422 Jones Hill Rd saw manhole overflowing.	Dry	Debris	< 10	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	3/16/2022	
3/16/2022 9:15 PM	0.25	MH (6-106)	near 44 Morrissey Lane	Homeowner or Resident Resident of 44 Morrissey Lane saw manhole seeping	Dry	Electrical Equipment Failure	< 10	No	N/A	Other: Repaired pump, turned on after tripped	Other: Diagnoses pump problem in future	West Haven personnel cleaned area	3/17/2022	7/16/2021
5/5/2022 10:15 PM	0.75	74 HAROLD ST	Bypass was located on the basement floor from the toilet	Homeowner or Resident	Dry	Debris	10 - 50	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	5/6/2022	
5/23/2022 4:15 PM	1.25	8 KNOX ST	Wastewater from Washer Drain Going into Basement	Other: Management Company for Rental Property	Dry	Grease	1,000 - 25,000	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Service Master/Other contractor	5/24/2022	
9/6/2022 9:30 AM	7.25	Front Avenue Pump Station		Other: Visual and high well alarm	Wet	Heavy Rain	100 - 1,000	Yes	West River	Other: pumps in manual until water level went down	Other: pumps in manual until water level went down	West Haven personnel cleaned area	9/6/2022	9/2/2021
9/6/2022 12:00 PM	5.75	Oyster River Pump Station		WPCC employee	Wet	Heavy Rain	100 - 1,000	Yes	Oyster River	Other: pumps in manual until water level went down	Other: pumps in manual until water level went down	West Haven personnel cleaned area	9/6/2022	7/9/2021
9/29/2022 8:15 AM	0.5	MH (12-3)	Near 175 Canton St West Haven, CT.	Homeowner or Resident	Dry	Grease	< 10	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	9/29/2022	1/12/2010
10/11/2022 12:00 PM	1.25	MH (9-125)	Manholes in wooded easement bypassing slowly.	Homeowner or Resident	Dry	Other: Grease, roots and rags.	50 - 100	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	10/11/2022	12/5/2013
10/14/2022 11:00 AM	1	MH (8-195)		Other: Public Works	Dry	Mechanical Equipment Failure	50 - 100	Yes	Old Field Creek	Other: Reset bar screens at Main Pump Station	Other: Reset bar screens and monitor to prevent additional failures.	West Haven personnel cleaned area	10/14/2022	12/14/2019
11/9/2022 8:15 PM	1	MH (9-120)		Police Department	Dry	Other: Sewage Line Blockage- Easement has no vehicle access to maintain line properly. Need to build access road to maintain manholes in swamps and easement.	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	11/10/2022	

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3. Period of record begins July 5, 2006. Blank entry indicates that no previous bypass event occurred at this location during this period of record.

Appendix A: City of West Haven Collection System Releases From 01-01-2022 to 12-31-2022

Date/Time of Event	Duration (hours)	Bypass Location	More Description of Location	Source of Notification	Weather	Cause of Bypass	Volume ¹ (gallons)	Reached Catch Basin?	Affected Surface Water ²	Steps Taken to Stop Overflow	Steps Taken to Prevent Future Overflows	Cleaning Methods	Date Reported to DEEP	Date of Last Bypass at this Location ³
11/9/2022 8:15 PM	1	100 PUTNEY DR		Homeowner or Resident	Dry	Other: Sewage Line Blockage- Easement has no vehicle access to maintain line properly. Need to build access road to maintain manholes in swamps and easement.	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	11/10/2022	
12/20/2022 3:15 PM	1	MH (2-10)		WPCC employee	Dry	Electrical Equipment Failure	100 - 1,000	No	N/A	Other: Rewired damaged electrical at Woodmont Road Pump Station.	Other: Rewired damaged electrical at Woodmont Road Pump Station.	West Haven personnel cleaned area	12/20/2022	

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Appendix A: City of West Haven Collection System Releases From 01-01-2023 to 12-31-2023

Date/Time of Event	Duration (hours)	Bypass Location	More Description of Location	Source of Notification	Weather	Cause of Bypass	Volume ¹ (gallons)	Reached Catch Basin?	Affected Surface Water ²	Steps Taken to Stop Overflow	Steps Taken to Prevent Future Overflows	Cleaning Methods	Date Reported to DEEP	Date of Last Bypass at this Location ³
1/19/2023 10:00 AM	0.75	MH (1-50)	Near 1 Templeton Street	Homeowner or Resident	Dry	Grease	100 - 1,000	Yes	Long Island Sound	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	1/22/2023	5/1/2014
3/14/2023 3:15 PM	0.25	MH (7-227)	near 104 Chestnut Street	WPCC employee	Dry	Mechanical Equipment Failure	100 - 1,000	No	Cove River	Other: Pumps at Cove River Pump Station and silent pumps on Chestnut St. turned off.	Other: Pumps at Cove River Pump Station and silent pumps on Chestnut St. turned off.	West Haven personnel cleaned area	3/16/2023	
3/14/2023 5:30 PM	0.25	MH (7-227)	near 104 Chestnut Street	WPCC employee	Wet	Mechanical Equipment Failure	100 - 1,000	No	Cove River	Other: Pumps at Cove River Pump Station and silent pumps shut off.	Other: Pumps at Cove River Pump Station and silent pumps shut off.	West Haven personnel cleaned area	3/16/2023	3/14/2023
3/14/2023 9:15 PM	0.25	MH (7-223)	near 47 Chestnut Street	WPCC employee	Wet	Electrical Equipment Failure	50 - 100	No	Cove River	Other: Pumps from Cove River PS and bypass pumps shut off.	Other: Pumps from Cove River PS and bypass pumps shut off.	West Haven personnel cleaned area	3/16/2023	
3/14/2023 10:15 PM	0.25	MH (7-136)	near 427 Painter Drive	Homeowner or Resident	Wet	Other: Pumps were shut off at Cove River to alleviate a previous bypass.	100 - 1,000	Yes	Cove River	Other: Cove River Pump Station was bypassed.	Other: Cove River Pump Station was bypassed.	West Haven personnel cleaned area	3/16/2023	6/3/2011
3/14/2023 10:15 PM	3	Cove River Pump Station	360 Kelsey Avenue	WPCC employee	Wet	Heavy Rain	> 100,000	Yes	Cove River	Other: After storm surcharge, control of PS was regained.	Other: After storm surcharge, control of PS was regained.	West Haven personnel cleaned area	3/16/2023	9/12/2018
3/15/2023 10:00 AM	0.75	Main Pump Station	165 Blohm Street	Homeowner or Resident	Dry	Mechanical Equipment Failure	100 - 1,000	No	Old Field Creek	Other: Cleared bar screens pumps in hand	Other: Cleared bar screens pumps in hand	West Haven personnel cleaned area	3/15/2023	9/2/2021
6/23/2023 10:45 AM	1.5	4 TREAT ST	4 Treat Street- Private Line	Homeowner or Resident	Dry	Grease	50 - 100	No	Cove River	Regular maintenance of sewer	Other: Brought in city's jet truck and cleared blockage got no response from property management of both properties. West Haven personnel will follow up with compliance inspector for WPC to discuss this ongoing issue.	West Haven personnel cleaned area	6/23/2023	11/7/2018
7/16/2023 10:30 AM	6.5	Dawson Avenue Pump Station	745 Ocean Avenue	WPCC employee	Wet	Heavy Rain	100 - 1,000	Yes	Long Island Sound	Other: Storm event subsided and station regained control of flow	Other: After storm surcharge, control of PS was regained.	West Haven personnel cleaned area	7/16/2023	9/2/2021
11/22/2023 5:00 AM	10	MH (7-136)	near 427 Painter Drive and Cove River Pump Station	WPCC employee	Wet	Heavy Rain	1,000 - 25,000	Yes	Cove River	Other: Station de-ragged allowing pumps to catch up	Other: After storm surcharge, control of PS was regained.	West Haven personnel cleaned area	11/24/2023	3/14/2023
11/26/2023 10:30 AM	0.75	129 BEATRICE DR		Homeowner or Resident	Dry	Grease	50 - 100	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	11/26/2023	
12/10/2023 1:30 AM	39.5	MH (7-136)	near 427 Painter Drive Cove River Pump Station	Homeowner or Resident	Wet	Heavy Rain	1,000 - 25,000	Yes	Cove River	Other: Storm event subsided and station regained control of flow	Other: After storm surcharge, control of PS was regained.	West Haven personnel cleaned area	12/19/2023	11/22/2023
12/10/2023 1:30 AM	39	MH (3-17A)	near 745 Ocean Avenue and Dawson Avenue Pump Station	WPCC employee	Wet	Heavy Rain	1,000 - 25,000	Yes	Long Island Sound	Other: Storm event ended and station regained control of flows.	Other: After storm surcharge, control of PS was regained.	West Haven personnel cleaned area	12/19/2023	12/14/2019
12/10/2023 3:00 AM	38.5	MH (8-195)	near 96 Blohm St and Main Pump Station	WPCC employee	Wet	Heavy Rain	1,000 - 25,000	Yes	Old Field Creek	Other: Pump station regained control of flow when storm event ended	Other: After storm surcharge, control of PS was regained.	West Haven personnel cleaned area	12/19/2023	10/14/2022

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3. Period of record begins July 5, 2006. Blank entry indicates that no previous bypass event occurred at this location during this period of record.

Appendix A: City of West Haven Collection System Releases From 01-01-2023 to 12-31-2023

Date/Time of Event	Duration (hours)	Bypass Location	More Description of Location	Source of Notification	Weather	Cause of Bypass	Volume ¹ (gallons)	Reached Catch Basin?	Affected Surface Water ²	Steps Taken to Stop Overflow	Steps Taken to Prevent Future Overflows	Cleaning Methods	Date Reported to DEEP	Date of Last Bypass at this Location ³
12/17/2023 9:30 AM	34.25	MH (8-195)	near 98 Blohm St and Main Pump Station	WPCC employee	Wet	Heavy Rain	1,000 - 25,000	Yes	Old Field Creek	Other: Storm event ended and station regained control of flows.	Other: After storm surcharge, control of PS was regained.	West Haven personnel cleaned area	12/19/2023	12/10/2023

1. Volumes discharged are visual estimates. Ranges include the larger value in the range (ex: 10-50 gal includes 50 gal, where 50-100 gal includes 100 gal).
2. Where the bypass reached storm basins or surface waters, the volume discharged to the receiving water is assumed to be the entire volume reported.
3. Period of record begins July 5, 2006. Blank entry indicates that no previous bypass event occurred at this location during this period of record.

Appendix A: City of West Haven Collection System Releases From 1-1-2024 to 12-31-2024

Date/Time of Event	Duration (hours)	Bypass Location	More Description of Location	Source of Notification	Weather	Cause of Bypass	Volume ¹ (gallons)	Reached Catch Basin?	Affected Surface Water ²	Steps Taken to Stop Overflow	Steps Taken to Prevent Future Overflows	Cleaning Methods	Date Reported to DEEP	Date of Last Bypass at this Location ³
3/6/2024 11:30 PM	15.5	MH (8-195)	Near 98 Blohm St and Main Pump Station	WPCC employee	Wet	Heavy Rain	1,000 - 25,000	Yes	Old Field Creek	Other: Main Pump Station regained control of flow when storm event ended	Other: After storm surcharge, control of Dawson Avenue Pump Station was regained	West Haven personnel cleaned area	3/9/2024	12/17/2023
3/6/2024 11:30 PM	3.75	MH (3-70)	near 910 Ocean Ave and Dawson Avenue Pump Station	WPCC employee	Wet	Heavy Rain	1,000 - 25,000	Yes	Long Island Sound	Other: Storm event ended and Dawson Avenue Pump Station regained control of flows.	Other: After storm surcharge, control of PS was regained.	West Haven personnel cleaned area	3/9/2024	3/21/2016
3/10/2024 6:00 AM	12	MH (8-100)	Near 160 Blohm Street and Main Pump Station. Multiple manholes affected, including 8-100, 8-99, 8-98, 8-95A, 8-95B and 8-195.	WPCC employee	Wet	Heavy Rain	> 100,000	Yes	Old Field Creek	Other: Main Pump Station regained control of flow when storm event ended.	Other: One pump repaired the same day, 2nd pump repaired after. After storm surcharge, control of Main Pump Station was regained.	West Haven personnel cleaned area	3/14/2024	6/7/2013
3/23/2024 5:00 PM	5	MH (3-17A)	Near Dawson Avenue Pump Station	WPCC employee	Wet	Heavy Rain	1,000 - 25,000	No	N/A	Other: Dawson Avenue Pump Station regained control of flow when storm ended.	Other: After storm surcharge, control of Dawson Avenue Pump Station was regained.	West Haven personnel cleaned area	3/28/2024	12/10/2023
3/23/2024 5:00 PM	5	MH (8-195)	near 98 Blohm St and Main Pump Station	WPCC employee	Wet	Heavy Rain	1,000 - 25,000	Yes	Old Field Creek	Other: Main Pump Station regained control of flow when storm event ended.	Other: After storm surcharge, control of Main Pump Station was regained.	West Haven personnel cleaned area	3/28/2024	3/6/2024
6/4/2024 6:15 AM	0.5	MH (12-215A)	near 20 Industry Drive	Homeowner or Resident	Dry	Other: Rags	10 - 50	No	N/A	Other: Jetted Blockage	Regular maintenance of sewer	West Haven personnel cleaned area	6/4/2024	
7/18/2024 7:30 PM	0.5	403 SAWMILL RD		Homeowner or Resident	Dry	Debris	100 - 1,000	No	N/A	Other: Blockage was relieved from city line and Service Master was called to clean.	Regular maintenance of sewer	Service Master/Other contractor	7/19/2024	
8/24/2024 11:15 AM	4.25	MH (10-311)	376 W Spring St	Homeowner or Resident	Dry	Debris	10 - 50	No	Cove River	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	8/24/2024	9/12/2018
10/11/2024 11:30 AM	2	MH (13-32)	Near 5 Treat St/ 62 Treat St	Homeowner or Resident	Dry	Grease	50 - 100	Yes	Cove River	Regular maintenance of sewer	Regular maintenance of sewer	West Haven personnel cleaned area	10/15/2024	6/23/2023
11/15/2024 2:15 PM	1.5	314 CAMPBELL AVE		Homeowner or Resident	Dry	Grease	10 - 50	No	N/A	Regular maintenance of sewer	Regular maintenance of sewer	Vactor truck	11/15/20204	
11/22/2024 3:00 PM	1	48 NEW ST	48 New St	Homeowner or Resident	Dry	Grease	10 - 50	No	N/A	Other: property owner	Other	Homeowner cleaned the area	11/22/20204	

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ATTACHMENT B

**DRY WEATHER INSPECTION RESULTS - 2017, 2018, 2020, 2022, 2023 and 2024
(no dry weather inspections in 2019 or 2021)**

Table 1: Summary of 2017-2018 Dry Weather Outfall Inspection Results
West Haven, Connecticut

Outfall ID	Location Description	Pipe Diameter	Date	Discharges to Impaired Water	In Field Analysis							Laboratory Analysis		
		Inches			Temp.	pH	Conductivity	Salinity	Chlorine	Ammonia	Surfactants	E. Coli	Enterococcus	Fecal Coliform
					Deg C	-	uS/cm	ppt	mg/L	mg/L	mg/L	cfu/100mL	cfu/100mL	cfu/100mL
CR 24	52 Peabody St	24	8/2/17	No	24.2	8.42	304	0.44	0.00	0.10	0.10	410.6	-	-
CR 25	25 Oxford Street	30	8/2/17	No	25.8	8.29	916	0.44	0.00	0.10	0.10	21.1	-	-
CR 5	Clover street across from Elementary School	18	8/3/17	No	24.3	7.62	860	0.42	0.00	0.40	0.10	>2419.6	-	-
CR 6	Clover St across from Elementary School	15	8/3/17	No	24.8	7.67	935	0.56	0.00	0.10	0.10	>2419.6	-	-
CR 63	Wagner Street at Elm St	48	8/3/17	No	23.7	8.37	1263	0.61	0.00	0.60	0.10	387.3	-	-
CR 64	Park Garden Apartments, leftside of entrance	96x36	8/2/17	No	24.1	7.63	958	0.49	0.00	0.00	0.10	>2419.6	-	-
CR 65	Behind 190 York St	24	11/28/17	No	9.89	8.61	1163	0.43	0.00	0.50	0.10	1	-	-
CR 7	Adjacent to 21 Phipps Dr	48	8/2/17	No	26.4	8.16	870	0.43	0.00	0.10	0.10	727	-	-
CR 70	At the corner of Daytona St and Hamilton St	30	8/2/17	No	26	7.75	1402	0.68	0.00	0.20	0.10	10.8	-	-
CR 76	Off the RR Row at the end of Knox St	24	8/11/17	No	23.9	8.63	809	0.4	0.00	0.00	0.10	187.2	-	-
CR 80	Frontage Road, between Eder Rd & Allings Crossings Rd	24	8/2/17	No	26.2	7.49	829	0.4	0.00	0.00	0.10	87.8	-	-
NHH 2	Brownfield Remediation Construction Site	12	8/11/17	Yes	24.7	8.3	NA	NA	0.00	0.70	1.50	-	90.7	-
OR 14	Island Lane Off Shoulder	36	11/29/17	No	16	8.06	600	0.3	0.00	0.10	0.00	3	-	-
OR 20	Rear of warehouse off Off Eder Rd behind Star Dr	42	8/1/17	No	31.6	8.38	640	0.6	0.00	0.10	0.10	275.5	-	-
OR 21	Train tracks behind warehouse off Eder Road	36	6/20/18	No	19.3	7.09	759	0.38	0.01	7.79	0.07	>48392.0	-	-
OR 24	Yale campus in the shoulder off the access road	18	8/1/17	No	24	11.43	4.2	0	0.00	0.30	0.00	2	-	-
OR 26	Detention basin off Callgari Dr	4	8/1/17	No	27.6	9.05	330	0.2	0.00	0.10	0.00	224.7	-	-
OR 29	Start of stream on Callagari Drive, next to Cosmos food distributors	96	6/20/18	No	18.8	7.4	625	0.32	0.01	0.10	<0.05	770.1	-	-
OR 3	Oyster River Pump Station	18	8/1/17	No	24.3	8.7	875	0.49	0.00	0.00	0.10	76.3	-	-
OR 33	Backyard of 44 Morrison Lane	24	8/2/17	No	22.3	8.43	442	0.36	0.00	0.00	0.10	18.1	-	-
OR 49	Melroy Rd at Milhaven Dr	30	8/2/17	No	25	8.5	978	0.49	0.00	0.00	0.10	24.6	-	-
OR 53	Across from 470 Frontage Road (Tile of Distinction)	42	8/11/17	No	25.6	8.73	457	0.22	0.00	0.00	0.10	275.5	-	-
OR 59	470 Frontage Road at Tile of Distiction/Star Distributors	42	6/20/18	No	17.6	7.86	476	0.21	0.01	<0.02	<0.05	1553.1	-	-
OR 7	Backyard of 92 Woodvale St	12	8/1/17	No	23	9.04	440	-	0.00	0.00	0.10	28.6	-	-
OR 78	End of Rangely Street	12	6/20/18	No	23.2	8.04	1279	0.64	0.01	0.15	<0.05	980.4	-	-
OR 83	8 Big Spruce Ln	36	8/1/17	No	22.8	10.82	750	-	0.10	0.00	0.10	23.8	-	-
OR 9	Back of 117 Beatrice	30	6/20/18	No	19.2	7.86	337	0.17	0.01	0.04	<0.05	22.8	-	-
ORB 1	Oyster River Beach, between Nashawena Ave & Hubert St	84	8/1/17	No	24.2	8.72	1280	0.66	0.00	0.05	0.10	-	40	-
ORB 3	Hubbard Park across from Honey Pot Rd	84	11/29/17	No	14.4	8.55	422	0.28	0.00	0.00	0.00	1	-	-
RB 1	End of Trumbull St	24	7/31/17	No	25.1	8.76	847	0.39	0.00	0.10	1.50	-	270	-
RB 2	End of Templeton St	30	7/31/17	No	23	9.27	694	0.34	0.00	0.10	0.10	-	62	-
WR 23	Saint Lawrence Cemetery	48	8/3/17	No	25.7	9.02	893	0.54	0.00	0.00	0.10	1986.3	-	-
WR 34	Marginal Dr at Orlando St	84	8/3/17	Yes	22.6	10.02	443	0.21	0.00	0.00	0.10	-	1466	1360
WR 4	Burwell Rd across from Forest Elementary School	18	8/3/17	No	26.2	8.92	497	0.1	0.00	0.00	0.00	579.4	-	-
WR 45	285 Forest Rd	18	8/3/17	No	26.3	8.91	350	0.36	0.00	0.10	0.00	686.7	-	-
WR 48	Oronoque Forest Condominiums detention basin near 285 Glendevon Dr S.	36	8/11/17	No	21.8	9.13	333	0.17	0.00	0.20	0.10	30.5	-	-
WR 50	Oronoque Forest Condominiums outfall to upper pond.	36	8/11/17	No	22.8	9.28	233	0.1	0.00	0.00	0.10	52.9	-	-
WR 54	Intersection of Morris and Derby Ave	120 x 48	11/29/17	No	12.8	8.65	232	0.11	0.00	0.10	0.00	7.5	-	-
WR 56	Stream between Winifred St and Derby Ave.	60	8/3/17	No	26.6	11.1	339	0.16	0.00	0.00	0.00	648.8	-	-
WR 58	Maltby Gardens Apartments	24	11/29/17	No	15.6	8.3	448	0.22	0.00	0.00	0.05	21.6	-	-
WS 10E	Start of drainage swale on colonial Blvd.	42	7/31/17	No	24.1	8.88	648	0.54	0.00	0.00	0.10	186	-	-
WS 10W	Start of drainage swale on colonial Blvd.	42	7/31/17	No	23.8	9.77	788	0.39	0.00	0.00	0.10	10.9	-	-
WS 3	Prospect Beach at end of stone jetty.	48	7/31/17	Yes	22.5	8.43	700	0.34	0.00	0.20	0.10	-	680	680
WS 8	Drainage swale on colonial Blvd.	12	7/31/17	No	25.4	9.06	1183	0.62	0.00	0.50	0.15	>48392	-	-
WS 9	Drainage swale on colonial Blvd.	18	8/1/17	No	24	9.23	943	0.4	0.00	0.00	0.10	648.8	-	-

Exceeded Water Quality Threshold

Table 2: 2020 Dry Weather Outfall Inspection Results Summary																				
West Haven, Connecticut																				
Outfall ID	Location Description	Pipe Diameter	Date of Observation	Receiving Waterbody/Entity	Tidal?	Last Rainfall Event Date	Sampling Location	Discharges to Impaired Water	In Field Analysis						Laboratory Analysis					
		Inches							Temp. Deg C	pH -	Conductivity uS/cm	Salinity ppt	Chlorine mg/L	Surfactants mg/L	Ammonia mg/L	Total Nitrogen mg/L	Total Phosphorus mg/L	E. Coli cfu/100mL	Enterococcus cfu/100mL	Fecal Coliform cfu/100 mL
CR 17	In field between high school track and Cove River.	24	11/18/2020	Cove River	Yes	11/15/2020	Upstream Catch Basin	Yes	4.7	7.62	1628	8.15	0	1.72	0.74	7	0.36	-	41	15
CR 18	In field between high school track and Cove River.	24	11/18/2020	Cove River	Yes	11/15/2020	Upstream Catch Basin	Yes	4.7	7.62	1523	7.61	0	1.51	0.19	4.72	0.27	-	504	39
OR 29A	End of Callegari Drive.	24	11/18/2020	Oyster River	No	11/15/2020	Outfall	No	4.9	7.8	432	0.22	0	0.23	0.16	-	-	13	-	-
OR 86	In front of 42 Perry Merrill Drive.	36	11/4/2020	Oyster River	No	10/30/2020	Outfall	No	16.4	7.85	737	0.35	0	0.27	<0.10	-	-	31.3	-	-
OR 96	In woods near industrial parking lot off of Island Ln.	36	10/8/2020	Unknown	No	10/5/2020	Outfall	No	21.6	8.65	504	0.23	0	0.06	<0.10	-	-	77.6	-	-
OR 98	20 ft off of road into the woods.	12	11/18/2020	Oyster River	No	11/15/2020	Outfall	No	4.7	8.19	278	0.14	0	0.19	<0.10	-	-	16	-	-
PB 1	End of pier behind Dawson PS.	42	10/22/2020	Prospect Beach	Yes	10/17/2020	Upstream Catch Basin	Yes	19.2	8.3	3920	2.01	0	0.42	0.25	4.1	<0.15	-	41	196
WR 1	Near back entrance of Junior High School.	24	10/15/2020	West River	No	10/13/2020	Outfall	No	15.8	8.55	715	0.33	0	0.13	0.12	-	-	115	-	-
WS 2	Inlet to pond.	24	11/4/2020	West Shore	No	10/30/2020	Upstream Catch Basin	No	14	8.18	638	0.3	0	0.12	<0.10	-	-	>2419.6	-	-
WS 5	Drainage swale at Colonial Boulevard.	12	11/4/2020	West Shore	No	10/30/2020	Outfall	No	14.5	8.36	588	0.27	0	0.11	<0.10	-	-	>2419.6	-	-

Water Quality Thresholds	
Chlorine	Detectable Levels
Ammonia	Greater than or equal to 0.50 mg/L
Surfactants	Greater than or equal to 0.25 mg/L
Fecal Coliform	Greater than 31 cfu/100 mL for Class SA or 260 cfu/100mL for Class SB
E. Coli	Greater than 235 cfu/100mL for swimming areas or 410 cfu/100mL for all others
Enterococcus	Greater than 104 cfu/100mL for swimming areas (saltwater) or 500 cfu/100mL for all others
Total Phosphorus	Greater than 0.3 mg/L
Total Nitrogen	Greater than 2.5 mg/L

Exceeded Water Quality Threshold

Table 3: 2022 Dry Weather Outfall Inspection Results Summary															
West Haven, Connecticut															
Outfall ID	Location Description	Pipe Diameter (inches)	Date of Observation	Receiving Waterbody/Entity	Tidal?	Last Rainfall Event Date	Sampling Location	Temp.	pH	Conductivity	Salinity	Chlorine	Surfactants	Ammonia	E. Coli
								Deg C	-	uS/cm	ppt	mg/L	mg/L	mg/L	cfu/100mL
CR 112	At far edge of industrial parking lot at end of Tampa St.	18	5/11/2022	Cove River	No	5/7/2022	Outfall	20.3	7.63	932	-	0	0.14	0	74.3
CR 122	Behind parking lot of 260 Frontage Road, next to railroad tracks	36	5/11/2022	Cove River	No	5/7/2022	Outfall	14.9	7.95	995	-	0	0.11	0	20.3
CR 123	Behind parking lot of 260 Frontage Road, next to railroad tracks	36	5/11/2022	Cove River	No	5/7/2022	Outfall	16.7	8.17	815	-	0	0.23	0	165.8
CR 130	Between 3 and 859 Allings Crossing Road, on edge of Phipps Lake	12	5/11/2022	Cove River	No	5/7/2022	Outfall	16.6	8.1	566	-	0	0.05	0	3.1
OR 105	Right side of culvert wingwall under Prindle Road, dumping into Oyster River	24	12/19/2022	Oyster River	Yes	12/16/2022	Outfall	8	7.9	791	0.39	0	0.19	0	8.4
OR 107	Left side of culvert wingwall under Prindle Road, dumping into Oyster River	15	12/19/2022	Oyster River	Yes	12/16/2022	Outfall	8.9	7.96	1057	0.53	0	0.31	0.13	22.8
OR 109	Behind 23 Donna Lane, left most of the three outfalls that drain at the same location	15	12/19/2022	Oyster River	No	12/16/2022	Outfall	6.7	8.14	559	0.28	0	0.14	0	9.7
OR 110	Behind 23 Donna Lane, middle of the three outfalls that drain at the same location	18	12/19/2022	Oyster River	No	12/16/2022	Outfall	5.7	8.15	642	0.32	0.5	0.17	0	5.2

Table 3: 2022 Dry Weather Outfall Inspection Results Summary															
West Haven, Connecticut															
Outfall ID	Location Description	Pipe Diameter (inches)	Date of Observation	Receiving Waterbody/Entity	Tidal?	Last Rainfall Event Date	Sampling Location	Temp.	pH	Conductivity	Salinity	Chlorine	Surfactants	Ammonia	E. Coli
								Deg C	-	uS/cm	ppt	mg/L	mg/L	mg/L	cfu/100mL
OR 111	Behind 23 Donna Lane, right most of the three outfalls that drain at the same location	36	12/19/2022	Oyster River	No	12/16/2022	Outfall	5.5	8.5	2670	1.34	0	0.14	0	137.6
OR 119	Behind property of 25 Donna Lane, access through apartments at 725 Island Lane	15	12/19/2022	Oyster River	No	12/16/2022	Outfall	10.5	7.9	290	0.13	0	0.07	0	9.8
ORB 16	On Bailey Middle School property behind baseball backstop, right most outfall	24	12/19/2022	Oyster River Beach	No	12/16/2022	Upstream Catch Basin	6.4	8.21	332	0.17	0	0.16	0	186
ORB 17	On Bailey Middle School property behind baseball backstop, left most outfall	18	12/19/2022	Oyster River Beach	No	12/16/2022	Upstream Catch Basin	6.5	8	709	0.35	0	0.36	0	2

Water Quality Thresholds	
Chlorine	Detectable Levels
Ammonia	Greater than or equal to 0.50 mg/L
Surfactants	Greater than or equal to 0.25 mg/L
E. Coli	Greater than 235 cfu/100mL for swimming areas or 410 cfu/100mL for all others

 Exceeded Water Quality Threshold

Table 4: 2023 Dry Weather Outfall and Interconnection Inspection Results Summary																	
West Haven, Connecticut																	
Outfall / Interconnection ID	Location Description	Pipe Diameter (inches)	Date of Observation	Receiving Waterbody/ Entity	Tidal?	Last Rainfall Event Date	Sampling Location	Temp.	pH	Conductivity	Salinity	Chlorine	Surfactants	Ammonia	E. Coli	Enterococcus	Fecal Coliform
								Deg C	-	uS/cm	ppt	mg/L	mg/L	mg/L	cfu/100mL	cfu/100mL	cfu/100mL
CR 67	On left side of 310 Terrace Avenue, next to marsh	48	2/27/2023	Cove River	No	2/25/2023	Upstream Manhole	6.4	8.01	792	0.4	0	0.17	0.12	34.1	-	-
CR 74	Off the end of the apartment complex on the railroad right of way	36	1/11/2023	Cove River	No	1/8/2023	Upstream Catch Basin	11	7.23	5850	2.94	0	0.19	0.33	7.5	-	-
CR 105	Across Clark Street Apartments in the woods, by the railroad tracks	24	5/23/2023	Cove River	No	5/20/2023	Upstream Catch Basin	18.7	8.09	767	0.38	0	0.01	0.15	78.9	-	-
CR 113	Next to pile or rocks, behind fence of 116 Peabody Street	18	1/11/2023	Cove River	Yes	1/8/2023	Upstream Catch Basin	7.8	7.07	639	0.31	0	0.18	0.12	14.8	-	-
CR 114	Under bridge, in front of 208 West Spring Street apartment building	18	1/11/2023	Cove River	Yes	1/8/2023	Upstream Catch Basin	6.5	8.07	684	0.35	0	0.1	0	14.4	-	-
CR 124	Behind property fence of 35 Fresh Meadow Road, ask business owner for access	72	2/27/2023	Cove River	No	2/25/2023	Upstream Manhole	5.5	7.98	780	0.39	0	0.18	0.28	42.6	-	-
CR 131	At beginning of brook between fences of 310 and 320 Platt Avenue	36	2/27/2023	Cove River	No	2/25/2023	Upstream Catch Basin	8.2	7.06	360	0.18	0	0.09	0.24	325.5	-	-
CR 145	In front of 460 Main Street apartment buildings, discharging into stream	12	4/4/2023	Cove River	No	4/1/2023	Upstream Catch Basin	16.3	6.65	124.4	0.06	0	0.68	0.21	10.4	-	-
CR 148	Outfall not found, presumed to be behind off Dogburn Road next to marsh	15	5/23/2023	Cove River	No	5/20/2023	Upstream Catch Basin	19.4	6.95	353	0.18	0	0.12	0	13.5	-	-

Table 4: 2023 Dry Weather Outfall and Interconnection Inspection Results Summary																	
West Haven, Connecticut																	
Outfall / Interconnection ID	Location Description	Pipe Diameter (inches)	Date of Observation	Receiving Waterbody/ Entity	Tidal?	Last Rainfall Event Date	Sampling Location	Temp.	pH	Conductivity	Salinity	Chlorine	Surfactants	Ammonia	E. Coli	Enterococcus	Fecal Coliform
								Deg C	-	uS/cm	ppt	mg/L	mg/L	mg/L	cfu/100mL	cfu/100mL	cfu/100mL
IC-1:170-HE-21245	9:00 pipe of state owned catch basin 170-IN-47455 on Forest Road	18	10/19/2023	West River	No	10/16/2023	Interconnection	18.1	8.08	485	0.24	0	0.13	0	116.9	-	-
IC-1:170-HE-21450	10:00 pipe of state owned manhole DMH-266 on Ocean Avenue	36	10/12/2023	Prospect Beach	No	10/8/2023	Upstream Manhole	20.4	8.1	569	0.28	0	0.01	0	1	-	-
IC-1:170-HE-21551	12:00 pipe of state owned catch basin 170-IN-48175 on Ocean Avenue	18	10/12/2023	Rocky Beach	No	10/8/2023	Interconnection	22.6	8.11	845	0.43	0	0.11	0.3	2,419.6	-	-
IC-1:170-HE-21714	12:00 pipe of state owned catch basin 170-IN-48278 on Ocean Avenue	30	10/12/2023	Rocky Beach	No	10/8/2023	Interconnection	20	8.26	705	0.35	0	0.02	0.12	2,419.6	-	-
IC-1:170-HE-21719	9:00 pipe of state owned catch basin 170-IN-48591 on Ocean Avenue	12	10/19/2023	Oyster River Beach	No	10/16/2023	Interconnection	19.3	7.76	350	0.17	0	0.12	0	16.1	-	-
IC-1:CR UKN 3	11:00 pipe of private manhole DMH-658 in parking lot of 460 Elm Street	30	10/12/2023	Cove River	No	10/8/2023	Interconnection	22	8.71	3670	1.8	0	0.09	0	2,419.6	-	-
IC-1:RB 32	Blind connection to state drainage downstream of DMH-200 on Ocean Avenue	36	10/12/2023	Rocky Beach	No	10/8/2023	Upstream Manhole	21.7	8.17	509	0.25	0	0.05	0.11	2,419.6	-	-
IC-2:170-HE-21720	12:00 pipe of state owned manhole 170-MH-5793 on Jones Hill Road	66	10/19/2023	Oyster River Beach	No	10/16/2023	Upstream Catch Basin	16.7	7.84	418	0.21	0	0.1	0.11	816.4	-	-

Table 4: 2023 Dry Weather Outfall and Interconnection Inspection Results Summary																	
West Haven, Connecticut																	
Outfall / Interconnection ID	Location Description	Pipe Diameter (inches)	Date of Observation	Receiving Waterbody/ Entity	Tidal?	Last Rainfall Event Date	Sampling Location	Temp.	pH	Conductivity	Salinity	Chlorine	Surfactants	Ammonia	E. Coli	Enterococcus	Fecal Coliform
								Deg C	-	uS/cm	ppt	mg/L	mg/L	mg/L	cfu/100mL	cfu/100mL	cfu/100mL
IC-2:CR 81	3:00 pipe of private catch basin CB-164 in parking lot at end of Treat Street	18	10/19/2023	Cove River	No	10/16/2023	Interconnection	19.6	7.48	390	0.2	0	0.1	0.13	17.3	-	-
IC-3:170-HE-21708	3:00 pipe of state owned catch basin 170-IN-48594 on Jones Hill Road	18	10/12/2023	Cove River	No	10/8/2023	Interconnection	20.3	8.52	680	0.37	0	0.01	0.19	1,203.3	-	-
IC-4:170-HE-21708	12:00 pipe of state owned catch basin 170-IN-48272 on Jones Hill Road	12	10/19/2023	Cove River	No	10/16/2023	Upstream Manhole	19.5	8.03	222	0.11	0	0.03	0	285.1	-	-
IC-4:ORB 3A	12:00 pipe of state owned catch basin 170-IN-48196 on Jones Hill Road	15	10/19/2023	Oyster River Beach	No	10/16/2023	Interconnection	18.2	7.64	403	0.2	0	0.14	0	4.1	-	-
IC-5:ORB 3A	Blind connection to owned drainage downstream of CB-1380 on Jones Hill Road	18	10/19/2023	Oyster River Beach	No	10/16/2023	Upstream Catch Basin	17.6	7.57	315	0.13	0	0.16	0	2,419.6	-	-
IC-7:PB 1	9:00 pipe of state owned catch basin 170-IN-48309 on Ocean Avenue	24	10/12/2023	Prospect Beach	No	10/8/2023	Upstream Catch Basin	20.3	8.08	594	0.3	0	0.05	0	228.2	-	-
OFC 19	In the marsh off the end of the adjacent basketball court	18	2/27/2023	Old Field Creek	No	2/25/2023	Outfall	10.8	6.76	394	0.2	0	0.02	0.11	1	-	-
OR 104	In left side of culvert when standing in yard of 44 Ridge Hollow Road	15	1/11/2023	Oyster River	No	1/8/2023	Upstream Catch Basin	7.7	7.79	659	0.33	0	0.1	0.66	13.4	-	-
OR 104A	In right side of culvert when standing in yard of 44 Ridge Hollow Road	15	1/11/2023	Oyster River	No	1/8/2023	Upstream Catch Basin	7.4	7.43	230	0.12	0	0.14	0	21.6	-	-

Table 4: 2023 Dry Weather Outfall and Interconnection Inspection Results Summary																	
West Haven, Connecticut																	
Outfall / Interconnection ID	Location Description	Pipe Diameter (inches)	Date of Observation	Receiving Waterbody/ Entity	Tidal?	Last Rainfall Event Date	Sampling Location	Temp.	pH	Conductivity	Salinity	Chlorine	Surfactants	Ammonia	E. Coli	Enterococcus	Fecal Coliform
								Deg C	-	uS/cm	ppt	mg/L	mg/L	mg/L	cfu/100mL	cfu/100mL	cfu/100mL
OR 118	Outfall not found, presumed to be behind 475 Heffernan Drive	30	1/11/2023	Oyster River	No	1/8/2023	Upstream Manhole	7.6	8.31	422	0.21	0	0.14	0	2	-	-
OR 122	Within sewer easement, access off Franklin Road	24	1/11/2023	Oyster River	No	1/8/2023	Outfall	7.5	7.22	336	0.17	0	0.09	0.13	83.9	-	-
OR 123	Across from Yale West Campus on Heffernan Drive, by train tracks	24	1/11/2023	Oyster River	No	1/8/2023	Upstream Manhole	12.1	8.38	872	0.43	0	0.27	0	19.9	-	-
OR 124	In woods on corner of Myra Road and Cooper Road	12	5/23/2023	Oyster River	No	5/20/2023	Outfall	16.4	8.85	424	0.21	0	0.02	0	-	41	22.8
OR 126A	Next to 7 Miner Road, blind connects into culvert	24	10/12/2023	Oyster River	No	10/8/2023	Upstream Manhole	18.3	8.65	813	0.4	0	0.08	0.24	2,419.6	-	-
OR 126C	11:00 pipe that discharges into DMH-595 on Putney Drive	30	10/12/2023	Oyster River	No	10/8/2023	Outfall	18.7	8.31	768	0.44	0	0.08	0.31	43.5	-	-
OR 126D	1:00 pipe that discharges into DMH-595 on Putney Drive	30	10/12/2023	Oyster River	No	10/8/2023	Outfall	18.8	8.4	684	0.34	0	0.02	0.18	166.4	-	-
OR 126E	3:00 pipe that discharges into DMH-595 on Putney Drive	30	10/12/2023	Oyster River	No	10/8/2023	Outfall	19.1	8.15	768	0.38	0	0.04	0.14	2,419.6	-	-
ORB 21	7:00 pipe that discharges into DMH-623 in yard of 55 Brook Lane	30	10/19/2023	Oyster River Beach	No	10/16/2023	Outfall	17.4	7.38	546	0.27	0	0.14	0.35	34.5	-	-
ORB 22	9:00 pipe that discharges into DMH-623 in yard of 55 Brook Lane	30	10/19/2023	Oyster River Beach	No	10/16/2023	Outfall	16.9	7.96	393	0.2	0	0.12	0.11	2,419.6	-	-

Table 4: 2023 Dry Weather Outfall and Interconnection Inspection Results Summary																	
West Haven, Connecticut																	
Outfall / Interconnection ID	Location Description	Pipe Diameter (inches)	Date of Observation	Receiving Waterbody/ Entity	Tidal?	Last Rainfall Event Date	Sampling Location	Temp.	pH	Conductivity	Salinity	Chlorine	Surfactants	Ammonia	E. Coli	Enterococcus	Fecal Coliform
								Deg C	-	uS/cm	ppt	mg/L	mg/L	mg/L	cfu/100mL	cfu/100mL	cfu/100mL
ORB 23	11:00 pipe that discharges into DMH-211 in yard of 18 Belle Circle	24	10/19/2023	Oyster River Beach	No	10/16/2023	Outfall	17.7	7.81	223	0.11	0	0.08	0	3.0	-	-
WR 74	Behind house of 45 Florence Avenue behind back fence	15	5/23/2023	West River	No	5/20/2023	Upstream Catch Basin	19.8	7.85	246	0.12	0	0.05	0	2,419.6	-	-
WR 83	Between 30 and 42 Kilborn Street	18	5/23/2023	West River	No	5/20/2023	Outfall	19.4	7.46	422	0.21	0	0.07	0.42	920.8	-	-
WR 90	Behind property of 33 Sycaway Street. To access, must go through swamp behind school	24	2/27/2023	West River	No	2/25/2023	Outfall	6.6	8.87	5310	2.7	0	0.15	0	6.3	-	-
WR 96	Behind fence, across from 167 David Street	12	5/23/2023	West River	No	5/20/2023	Upstream Catch Basin	21.4	7.61	581	0.29	0	0.07	0	2	-	-

Exceeded Water Quality Threshold

Parameter	Water Quality Threshold
Ammonia	≥ 0.50 mg/L
Chlorine	Detectable levels
Conductivity	> 1,500 uS/cm for freshwater
E. Coli	> 235 cfu/100mL for swimming areas > 410 cfu/100mL for all others
Enterococcus	> 104 cfu/100mL for swimming areas (saltwater) > 500 cfu/100mL for all others
Fecal Coliform	> 31 cfu/100mL for Class SA waterbodies > 260 cfu/100mL for Class SB waterbodies
Temperature	≥ 0.5 ppt for freshwater
Surfactants (MBAS)	≥ 0.25 mg/L
Temperature	No threshold
Total Coliform	> 500 cfu/100mL (tested for AA waterbodies only)
Total Nitrogen	> 2.5 mg/L
Total Phosphorus	> 0.3 mg/L

Table 5: 2024 Dry Weather Outfall and Interconnection Inspection Results Summary																						
West Haven, Connecticut																						
Outfall / Interconnection ID	Location Description	Pipe Diameter (inches)	Date of Observation	Receiving Waterbody/ Entity	Surface Water Quality	Tidal?	Freshwater?	Swimming Area?	Last Rainfall Event Date	Sampling Location	Temp.	pH	Conductivity	Salinity	Chlorine	Surfactants	Ammonia	E. Coli	Enterococcus	Fecal Coliform	Total Nitrogen	Total Phosphorous
											Deg C	-	uS/cm	ppt	mg/L	mg/L	mg/L	cfu/100mL	cfu/100mL	cfu/100mL	mg/L	mg/L
CR 115	Behind yards of 138 and 142 Coleman Street	12	4/22/2024	Cove River	A	No	Yes	No	4/18/2024	Upstream Catch Basin	15.7	7.55	595	0.3	0	0.09	0	3.1	-	-	-	-
CR 117A	10:00 pipe that discharges into culvert in DMH-153A on Woodhill Lane	18	4/22/2024	Cove River	A	No	Yes	No	4/18/2024	Outfall	15.8	7.26	299	0.15	0	3	3.8	>2,419.6	-	-	-	-
CR 120	Pipe is in a heavily vegetated area under a fallen tree, next to 159 Dogburn Road	15	4/22/2024	Cove River	A	No	Yes	No	4/18/2024	Outfall	15.7	7.77	238	0.12	0	0.08	0	67	-	-	-	-
CR 146A	Access through parking lot of 85 Chase Lane, on property line of 45 and 85 Chase Lane	12	4/22/2024	Cove River	A	No	Yes	No	4/18/2024	Outfall	14.5	7.68	177	0.09	0	0.04	0	<1	-	-	-	-
CR 153	Behind fence, next to parking lot of West Haven High School	24	4/22/2024	Cove River	SA	Yes	No	No	4/18/2024	Upstream Catch Basin	12	7.76	1,903	0.94	0	0.14	0	-	<10	<1	2.3	0
CR 166	12:00 pipe of city owned manhole DMH-479 on Savin Court	42	10/22/2024	Cove River	N/A	N/A	N/A	N/A	10/7/2024	Outfall	23.7	6.33	437	0.26	0	0.04	0	6.1	-	-	-	-
IC-1:170-HE-21709	02:00 pipe of state owned catch basin 170-IN-48320 on Platt Avenue	12	4/22/2024	Cove River	N/A	N/A	N/A	N/A	4/18/2024	Upstream Catch Basin	12.2	8.33	321	0.16	0	0.1	0	-	10	12.1	0.92	0
IC-1:CR UNK 12	09:00 pipe of private catch basin CB-3485A in parking lot of 82 West Clark Street	15	4/22/2024	Cove River	N/A	N/A	N/A	N/A	4/18/2024	Upstream Catch Basin	14.8	7.36	619	0.31	0	0.11	0	35.9	-	-	-	-
IC-1:CR UNK 13	01:00 pipe of private manhole DMH-651 in parking lot of 460 Elm Street	30	4/22/2024	Cove River	N/A	N/A	N/A	N/A	4/18/2024	Interconnection	15.1	8.01	1,448	0.73	0	0.22	0	1,553.1	-	-	-	-
IC-2:CR 74	12:00 pipe of private manhole DMH-659A on sidewalk across from 430 Meloy Road	36	5/2/2024	Cove River	N/A	N/A	N/A	N/A	4/30/2024	Interconnection	13.9	7.58	1,185	0.59	0	0.18	0	9.7	-	-	-	-
IC-2:RB 32	12:00 pipe of city owned manhole DMH-112 on Ocean Avenue	18	10/22/2024	Rocky Beach	SB	No	Yes	No	10/7/2024	Upstream Manhole	19.4	6.6	254	0.14	0	0.01	0	119.8	-	-	-	-
IC-3:CR 74	09:00 pipe of private owned manhole DMH-659A across from 430 Meloy Road	24	5/2/2024	Cove River	N/A	N/A	N/A	N/A	4/30/2024	Upstream Catch Basin	14.5	7.69	1204	0.6	0	0.12	0	13.2	-	-	-	-
IC-4:170-HE-21712	03:00 pipe of state owned catch basin 170-IN-48298 on Ocean Avenue	24	4/22/2024	Prospect Beach	N/A	N/A	N/A	N/A	4/18/2024	Interconnection	13.1	7.91	513	0.26	0	0.1	0	-	131	3	2.7	0
IC-4:CR 74	09:00 pipe of city manhole CB-667 on Canton Street	15	5/2/2024	Cove River	N/A	N/A	N/A	N/A	4/30/2024	Interconnection	14.8	7.77	721	0.36	0	0.09	0.21	13.5	-	-	-	-
OR 29H	02:00 pipe that discharges into culvert downstream of CB-3331 on Heffernan Drive	15	4/22/2024	Oyster River	A	No	Yes	No	4/18/2024	Upstream Catch Basin	13.8	7.63	474	0.24	0	0.08	0	<1	-	-	-	-
OR 29I	11:00 pipe that discharges into culvert downstream of CB-3332 on Heffernan Drive	36	4/22/2024	Oyster River	A	No	Yes	No	4/18/2024	Upstream Catch Basin	13.1	8.21	1,166	0.58	0	0.16	0	6.3	-	-	-	-
ORB 3A	02:00 pipe that discharges into culvert downstream of DMH-752 on Cowpen Road	24	5/2/2024	Oyster River Beach	A	No	Yes	No	4/30/2024	Outfall	13.7	8.33	468	0.22	0	0.1	0	60.9	-	-	-	-

Table 5: 2024 Dry Weather Outfall and Interconnection Inspection Results Summary																						
West Haven, Connecticut																						
Outfall / Interconnection ID	Location Description	Pipe Diameter (inches)	Date of Observation	Receiving Waterbody/ Entity	Surface Water Quality	Tidal?	Freshwater?	Swimming Area?	Last Rainfall Event Date	Sampling Location	Temp.	pH	Conductivity	Salinity	Chlorine	Surfactants	Ammonia	E. Coli	Enterococcus	Fecal Coliform	Total Nitrogen	Total Phosphorous
											Deg C	-	uS/cm	ppt	mg/L	mg/L	mg/L	cfu/100mL	cfu/100mL	cfu/100mL	mg/L	mg/L
ORB 3B	03:00 pipe that discharges into culvert within CB-5558 on Cowpen Road	15	5/2/2024	Oyster River Beach	A	No	Yes	No	4/30/2024	Outfall	12.8	8.19	616	0.31	0	0.12	0	53.8	-	-	-	-
ORB 3C	10:00 pipe that discharges into culvert within CB-1235 on Homesteader Lane	15	5/2/2024	Oyster River Beach	A	No	Yes	No	4/30/2024	Outfall	13.7	8.02	393	0.2	0	0.14	0	228.2	-	-	-	-
ORB 3E	10:00 pipe that discharges into culvert within CB-1223 on Homesteader Lane	24	5/2/2024	Oyster River Beach	A	No	Yes	No	4/30/2024	Outfall	14	8.37	1,010	0.5	0	0.11	0	98.8	-	-	-	-
ORB 3G	09:00 pipe that discharges into culvert downstream of CB-1209 on Honey Pot Road	15	5/2/2024	Oyster River Beach	A	No	Yes	No	4/30/2024	Upstream Catch Basin	13.9	8.18	278	0.14	0	0.19	0	<1	-	-	-	-
PB 1	On beach, only seen during low tide across from 990 Ocean Avenue	18	4/22/2024	Prospect Beach	SB	Yes	No	Yes	4/18/2024	Upstream Manhole	12.8	8.15	471	0.24	0	0.14	0.95	-	97	45	4.6	0
RB 32	At the end of jetty off Ocean Avenue	42	10/22/2024	Rocky Beach	SB	No	Yes	Yes	10/7/2024	Outfall	18.6	8.4	970	0.44	0	0.25	0	-	2400	>2419.6	2.9	0
WR 54A	10:00 pipe that discharges into culvert downstream of CB-728 on Derby Avenue	15	5/2/2024	West River	A	No	Yes	No	4/30/2024	Upstream Catch Basin	17.6	7.87	320	0.16	0	0.04	0	0	-	-	-	-

***NOTE:** The parameters of conductivity and salinity are indicators based off the CT DEEP MS4 permit, meaning that surpassing the associated water quality threshold results in an elevation, not an exceedance. Elevations of salinity and conductivity are not applicable for SA or SB catchments.

Exceeded Water Quality Threshold

Elevated Indicator (Conductivity and Salinity Parameters Only)

Parameter	Water Quality Threshold
Ammonia	≥ 0.50 mg/L
Chlorine	Detectable levels
Conductivity	> 1,500 uS/cm for freshwater
E. Coli	> 235 cfu/100mL for swimming areas > 410 cfu/100mL for all others
Enterococcus	> 104 cfu/100mL for swimming areas (saltwater) > 500 cfu/100mL for all others
Fecal Coliform	> 31 cfu/100mL for Class SA waterbodies > 260 cfu/100mL for Class SB waterbodies
Salinity	≥ 0.5 ppt for freshwater
Surfactants (MBAS)	≥ 0.25 mg/L
Temperature	No threshold
Total Coliform	> 500 cfu/100mL (tested for AA waterbodies only)
Total Nitrogen	> 2.5 mg/L
Total Phosphorus	> 0.3 mg/L

ATTACHMENT C

**WET WEATHER INSPECTION RESULTS - 2018 through 2024
(no wet weather inspections in 2023)**

Table 1 - Summary of 2018 Wet Weather Outfall Inspection Results																	
West Haven, CT																	
Outfall ID	Inspection Date	Last Rainfall Event Date	Storm Magnitude (inches)	Sampling Location	Discharges to Impaired Water	In Field Analysis											
						Temperature (deg C)	pH	Conductivity (uS/cm)	Chlorine (mg/L)	Ammonia (mg/L)	Surfactants (mg/L)	E. Coli (SW 235 col/100mL)	Enterococcus (FW 61 cfu/100mL; SW 104cfu/100mL)	Fecal Coliform (400 MPN/100mL)	Total Nitrogen	Total Phosphorus	Salinity
CR 1	3/2/2018	2/25/2018	1.12	Upstream Manhole	Yes												
CR 1	3/2/2018	2/25/2018	1.12	Outfall	Yes												
CR 109	3/2/2018	2/25/2018	1.12	Outfall	No	6.7	6.77	216	0.02	0.17	0.103	98.8					0.11
CR 15	3/2/2018	2/25/2018	1.12	Upstream Catch Basin	No	7	6.50	306	0.02	0.04	0.087	248.1					0.15
CR 15	3/2/2018	2/25/2018	1.12	Outfall	No		6.50		0.02	0.04	0.087	248.1					
CR 16	3/2/2018	2/25/2018	1.12		No												
CR 22	3/2/2018	2/25/2018	1.12	Outfall	No	6	7.35	197	0.01	0.06	<0.05	248.1					0.1
CR 23	3/2/2018	2/25/2018	1.12	Outfall	No	6.5	6.87	222	0.02	0.04	<0.05	4.1					0.11
CR 24	3/2/2018	2/25/2018	1.12	Outfall	No	6.4	7.40	202	0.01	0.04	0.055	1553.1					0.1
CR 25	3/2/2018	2/25/2018	1.12	Outfall	No	6.4	7.10	244	0.01	0.05	0.05	920.8					0.12
CR 27	3/2/2018	2/25/2018	1.12	Upstream Manhole	No	6.8	6.95	136.9									0.07
CR 27	3/2/2018	2/25/2018	1.12	Upstream Manhole	No	6.8	6.95	136.9	0.01	0.07	<0.05	145					0.07
CR 30	3/2/2018	2/25/2018	1.12	Outfall	No	8.1	6.96	199.4	0.01	0.06	<0.05	1046.2					0.1
CR 35	3/2/2018	2/25/2018	1.12	Outfall	No	8.2	6.87	344	0.06	less than 0.02	<0.05	40.4					0.17
CR 39	3/2/2018	2/25/2018	1.12	Outfall	No	7.4	7.01	189.1	0.01	0.04	<0.05	1732.9					0.09
CR 40	3/2/2018	2/25/2018	1.12		No												
CR 41	3/2/2018	2/25/2018	1.12	Outfall	No	7.4	6.94	333	0.01	less than 0.02	<0.05	1413.6					0.17
CR 60	3/2/2018	2/25/2018	1.12	Outfall	No	9.4	7.41	161	0.01	0.21	<0.05	248.1					0.0001
CR 61	3/2/2018	2/25/2018	1.12	Outfall	No	9.6	6.98	168	0.02	0.05	<0.05	>2419.6					0.0001
CR 63	3/2/2018	2/25/2018	1.12	Outfall	No	10.2	7.43	468	0.02	0.06	<0.05	>2419.6					0.02
CR 64	3/2/2018	2/25/2018	1.12	Culvert (Downstream)	No	9.5	6.99	393	0.02	0.08	<0.05	>2419.6					0.02
CR 68	3/2/2018	2/25/2018	1.12		No												
CR 69	3/2/2018	2/25/2018	1.12	Outfall	No	10	6.80	335	0.01	0.06	<0.05	1732.9					0.02
CR 70	3/2/2018	2/25/2018	1.12	Outfall	No	12.5	7.02	333	0.01	0.06	<0.05	117.8					0.02
CR 72	3/2/2018	2/25/2018	1.12		No												
CR 73	3/2/2018	2/25/2018	1.12		No												
CR 77	3/2/2018	2/25/2018	1.12	Outfall	No	10.2	7.10	267	0.01	0.05	0.082	307.6					0.01
CR 78	3/2/2018	2/25/2018	1.12	Outfall	No	11.5	7.06	115.5	0.02	0.04	<0.05	248.1					0.0001
CR 8	3/2/2018	2/25/2018	1.12	Outfall	No	10.9	6.69	328	0.01	0.02	<0.05	40.8					0.02
CR 85	3/2/2018	2/25/2018	1.12	Outfall	No	10.2	7.41	124.2	0.01	0.07	<0.05	124.6					0.0001
CR 104	4/16/2018	4/10/2018	2.7	Outfall	No	8.4	10.58	567	0.02	0.13	<0.05	15.8					0.29
CR 108	4/16/2018	4/10/2018	2.7	Outfall	No	7.6	11.78	104.1	0.02	0.11	<0.05	26.2					0.05
CR 46	4/16/2018	4/10/2018	2.7	Outfall	No	7.6	9.59	131.1	0.03	0.09	<0.05	214.2					0.07
CR 47	4/16/2018	4/10/2018	2.7	Outfall	No	7.9	9.98	105.5	0.03	0.03	<0.05	1					0.05
CR 48	4/16/2018	4/10/2018	2.7	Outfall	No	7.7	10.32	97.5	0.07	0.05	<0.05	9.8					0.05
CR 49	4/16/2018	4/10/2018	2.7	Outfall	No	7.5	9.74	149.5	0.03	0.06	<0.05	1732.9					0.08
CR 50	4/16/2018	4/10/2018	2.7	Outfall	No	8.7	9.71	56.9	0.01	0.03	<0.05	62					0.03
CR 51	4/16/2018	4/10/2018	2.7	Outfall	No	7.6	9.41	191.2	0.02	0.1	0.05	2028					0.09
CR 52	4/16/2018	4/10/2018	2.7	Outfall	No	7.9	10.76	71.1	0.02	0.03	<0.05	21.6					0.04
CR 54	4/16/2018	4/10/2018	2.7	Outfall	No	8.4	11.69	66	0.02	less than 0.02	<0.05	20.3					0.03
CR 55	4/16/2018	4/10/2018	2.7		No	7.6	12.15	154.6	0.02	0.06	<0.05	93.3					0.08
CR 82	4/16/2018	4/10/2018	2.7	Outfall	No	9.3	9.39	101.7	0.02	0.07	<0.05	3446					0.05
CR 83	4/16/2018	4/10/2018	2.7	Outfall	No	9.2	9.35	53	0.03	0.38	<0.05	0					0.03
CR 84	4/16/2018	4/10/2018	2.7	Outfall	No	9.9	10.61	24.6	0.03	0.02	<0.05	0					0.01
CR 86	4/16/2018	4/10/2018	2.7	Outfall	No	8.5	9.52	123.9	0.041	0.24	<0.05	370					0.06
OR 1	4/16/2018	4/10/2018	2.7	Outfall	Yes	8	8.60	156.5	0.02	0.07	<0.05		148.8				0.06
OR 10	4/16/2018	4/10/2018	2.7	Outfall	No	7.6	8.30	25.6	0.02	<0.02	<0.05		20				0.01
OR 2	4/16/2018	4/10/2018	2.7	Outfall	Yes	7.4	7.70	23.4	0.02	<0.02	<0.05	27.2					0.01
OR 4	4/16/2018	4/10/2018	2.7	Outfall	No	7.9	7.26	76	0.02	0.32	<0.05		480				0.04
OR 5	4/16/2018	4/10/2018	2.7	Outfall	No	8.2	7.23	91.6	0.03	0.04	<0.05		146				0.05
OR 6	4/16/2018	4/10/2018	2.7	Upstream Catch Basin	No	8.6	6.74	62	0.03	0.16	<0.05	1986.3					0.03
CR 101	4/25/2018	4/19/2018	0.9	Outfall	No	14	7.23	195	0.02	0.07	0.093	1918					0.1
CR 20	4/25/2018	4/19/2018	0.9	Outfall	No	11.4	6.72	240	0.03	0.45	0.06	488.4					0.12
CR 7	4/25/2018	4/19/2018	0.9	Culvert (Downstream)	No	12.4	8.41	737	0.01	0.09	0.087	613.1					0.37
CR 76	4/25/2018	4/19/2018	0.9	Outfall	No	14	6.85	425	0.08	<0.02	0.109	95.9					0.21
CR 80	4/25/2018	4/19/2018	0.9	Outfall	No	12.6	7.74	791	0.01	0.07	<0.05	71.2					0.42
OR 13	4/25/2018	4/19/2018	0.9		No												
OR 15	4/25/2018	4/19/2018	0.9	Outfall	No	13.1	7.29	95.2	0.02	0.08	0.066	0					0.05
OR 16	4/25/2018	4/19/2018	0.9	Outfall	No	14	5.91	5.5	0.02	0.06	<0.05	0					0
OR 17	4/25/2018	4/19/2018	0.9	Outfall	No	13.8	5.97	20.5	0.02	0.21	0.066	0					0.01
OR 20	4/25/2018	4/19/2018	0.9	Outfall	No	13.2	7.25	299	0.06	0.02	0.066	17328					0.15

Table 1 - Summary of 2018 Wet Weather Outfall Inspection Results																	
West Haven, CT																	
Outfall ID	Inspection Date	Last Rainfall Event Date	Storm Magnitude (inches)	Sampling Location	Discharges to Impaired Water	In Field Analysis											
						Temperature (deg C)	pH	Conductivity (uS/cm)	Chlorine (mg/L)	Ammonia (mg/L)	Surfactants (mg/L)	E. Coli (SW 235 col/100mL)	Enterococcus (FW 61 cfu/100mL; SW 104cfu/100mL)	Fecal Coliform (400 MPN/100mL)	Total Nitrogen	Total Phosphorus	Salinity
OR 26	4/25/2018	4/19/2018	0.9	Outfall	No	10.8	7.34	320	0.03	0.03	<0.05	40					0.16
OR 3	4/25/2018	4/19/2018	0.9	Outfall	No	11.5	7.20	319	0.03	0.09	0.119	1986.3					0.16
OR 32	4/25/2018	4/19/2018	0.9	Outfall	No	12.3	6.64	255	0.01	0.14	<0.05	1299.7					0.13
OR 33	4/25/2018	4/19/2018	0.9	Outfall	No	12.8	6.78	256	0.02	0.09	0.066	1119.9					0.13
OR 34	4/25/2018	4/19/2018	0.9	Outfall	No	12	6.75	235	0.01	0.18	0.06	1553.1					0.12
OR 45	4/25/2018	4/19/2018	0.9	Outfall	No	11.6	6.88	92.6	0.08	0.02	0.195	4.1					0.4
OR 47	4/25/2018	4/19/2018	0.9	Outfall	No	13.1	6.69	204	0.01	0.34	0.195	4286					0.1
OR 50	4/25/2018	4/19/2018	0.9	Outfall	No	12.8	6.82	137.6	0.03	0.08	0.093	67.6					0.7
OR 51	4/25/2018	4/19/2018	0.9	Outfall	No	13.9	7.22	175.9	0.02	0.09	0.109	435.2					0.9
OR 53	4/25/2018	4/19/2018	0.9	Outfall	No	11.7	6.80	251	0.01	0.08	<0.05	1413.6					0.13
OR 54	4/25/2018	4/19/2018	0.9	Outfall	No	13.6	5.72	8	0.03	0.13	0.055	0					0
OR 55	4/25/2018	4/19/2018	0.9	Outfall	No	13.3	5.86	10.7	0.02	0.17	0.06	0					0.01
OR 56	4/25/2018	4/19/2018	0.9	Outfall	No				0.01	0.1	0.125	88.2					
OR 57	4/25/2018	4/19/2018	0.9	Outfall	No	12.7	7.00	19.6	0.02	0.34	<0.05	0					0.01
OR 80	4/25/2018	4/19/2018	0.9	Outfall	No	10	6.57	7.58	0.02	2	<0.05	235.9					0.38
OR 82	4/25/2018	4/19/2018	0.9	Outfall	No	11.9	7.07	238	0.02	0.18	0.05	24.3					0.12
OR 83	4/25/2018	4/19/2018	0.9	Outfall	No	11.8	7.25	427	0.02	0.12	0.087	1119.9					0.21
OR 86	4/25/2018	4/19/2018	0.9	Outfall	No	11.8	7.65	357	0.03	0.07	<0.05	52.9					0.18
WR 18	4/25/2018	4/19/2018	0.9		No	13	7.60	137									0.07
WR 2	4/25/2018	4/19/2018	0.9		No				0.02	0.26	0.114	6152					
WR 25	4/25/2018	4/19/2018	0.9		No												
WR 26	4/25/2018	4/19/2018	0.9		No												
WR 27	4/25/2018	4/19/2018	0.9	Other	No	13	7.48	16	0.02	0.11	0.076	1					0.01
WR 28	4/25/2018	4/19/2018	0.9		No												
WR 29	4/25/2018	4/19/2018	0.9		No	12.5	6.84	12.2	0.01	0.09	0.066	0					0.01
WR 3	4/25/2018	4/19/2018	0.9	Outfall	No	13.8	7.45	81.8	0.04	0.14	0.119	579.4					0.04
WR 4	4/25/2018	4/19/2018	0.9	Outfall	No	11.5	7.38	140.5	0.02	0.04	<0.05	1413.6					0.07
WR 45	4/25/2018	4/19/2018	0.9		No		7.39	255	0.01	0.06	<0.05	325.5					0.13
WR 48	4/25/2018	4/19/2018	0.9		No	13.1	7.44	258	0.01	0.07	<0.05	137.4					0.13
WR 50	4/25/2018	4/19/2018	0.9		No	12.8	6.90	121	0.01	0.04	<0.05	165.8					0.06
WR 51	4/25/2018	4/19/2018	0.9	Outfall	No	14.1	6.74	117.7	0.02	0.09	0.055	224.7					0.06
WR 57	4/25/2018	4/19/2018	0.9		No	11.8	5.70	52	0.01	0.1	<0.05	47.3					0.03

Table 2 - Summary of 2019 Wet Weather Outfall Inspection Results																	
West Haven, CT																	
Outfall ID	Sampling Date	Last Rainfall Event Date	Storm Magnitude (inches)	Sampling Location	Discharges to Impaired Water	In Field Analysis				Laboratory Analysis							
						Temperature (deg C)	pH	Conductivity (us/cm)	Salinity	Enterococci (cfu/100 ml)	Total Coliform (cfu/100 ml)	E. coli ² (cfu/100 ml)	Ammonia (mg/L)	Total Phosphorus (mg/L)	Total Chlorine (mg/L)	Surfactants (mg/L)	Total Nitrogen (mg/L)
WR 34	6/10/2019	5/30/2019	0.5	Outfall	Yes	17.7	8.9	595	0.27	<20.0	3106	60.2	<0.02	0.04	0.02	<0.05	1.371
OFC 4	6/10/2019	5/30/2019	0.5	Outfall	Yes	19.9	6.97	251	0.13	1678	>48392	2934	1.83	1.99	0.03	1.4	9.855
CR 4	6/10/2019	5/30/2019	0.5	Outfall	No	19.7	8.55	38.3	0.02	16594	>48392	6896	0.36	0.53	0.03	0.089	2.238
WS 10E	6/10/2019	5/30/2019	0.5	Outfall	No	18.9	7.5	43.5	0.02	--	>48392	48392	0.18	--	0.03	0.077	--
WS 10W	6/10/2019	5/30/2019	0.5	Outfall	No	18.7	7.06	65	0.03	--	>48392	2900	0.3	--	0.02	0.097	--
WS 8	6/10/2019	5/30/2019	0.5	Outfall	No	18.7	6.89	221	0.11	--	>48392	>48392	0.14	--	0.02	0.108	--
CR 3	6/13/2019	6/11/2019	0.43	Outfall	Yes	15.2	9.1	1370	0.54	426	>120980	730	0.12	0.27	0	0.148	1.112
CR 92	6/13/2019	6/11/2019	0.43	Outfall	Yes	17.5	8.23	460	0.23	530	120980	605	0.18	0.18	0.02	0.112	1.032
CR 5	6/13/2019	6/11/2019	0.43	Outfall	No	16.6	7.95	120	0.07	--	>120980	30655	0.11	--	0.01	0.053	--
CR 6	6/13/2019	6/11/2019	0.43	Outfall	No	17	8.77	141	0.07	--	>120980	12445	0.12	--	0.01	<0.05	--
WS 11	6/13/2019	6/11/2019	0.43	Outfall	No	17	7.59	1189	0.1	--	>120980	8925	0.13	--	0.01	0.081	--
WR 58 ³	6/13/2019	6/11/2019	0.43	Upstream Catch Basin	No	16.5	7.62	189	0.01	--	>120980	365	0.09	--	0.01	0.081	--
WS 9	6/13/2019	6/11/2019	0.43	Outfall	No	16.5	7.13	270	0.14	--	>120980	5095	0.19	--	0.01	<0.05	--
WR 54	6/13/2019	6/11/2019	0.43	Outfall	No	19.7	7.85	467	0.02	--	>120980	2560	0.05	--	0.03	<0.05	--
WS 3	6/13/2019	6/11/2019	0.43	Outfall	Yes	16.6	7.88	118	0.06	24066	>120980	7105	0.08	0.13	0.01	0.069	1.257
WR 31	6/13/2019	6/11/2019	0.43	Outfall	No	14.8	7.96	250	0.01	--	>120980	8915	0.12	--	0.01	0.085	--
RB 29	6/13/2019	6/11/2019	0.43	Outfall	Yes	17.1	7.39	1600	8.11	1720	39726	4764	0.09	0.1	0.01	0.081	1.488
RB 21	6/25/2019	6/21/2019	0.61	Outfall	Yes	20.4	8.02	1265	0.63	>48392	>100250	5550	0.67	1.47	0.03	<0.5 ⁴	--
RB 10	6/25/2019	6/21/2019	0.61	Outfall	No	20.5	7.82	40.9	0.02	1508	50650	<500	0.49	0.26	0.02	<0.25	--
OFC 2	6/25/2019	6/21/2019	0.61	Outfall	No	21.5	8.17	826	0.41	25994	41550	3750	0.44	0.21	0.01	<0.5 ⁴	3.331
OFC 1	6/25/2019	6/21/2019	0.61	Outfall	No	22	7.64	1897	0.95	4374	10350	500	0.52	0.26	0.02	0.53	3.6
WS 2	6/25/2019	6/21/2019	0.61	Outfall	No	21.5	6.97	355	0.18	--	>100250	100250	0.93	--	0.02	<0.5 ⁴	--
WS 5	6/25/2019	6/21/2019	0.61	Outfall	No	21.1	7.31	153.3	0.08	--	>100250	>100250	0.87	--	0.01	<0.5 ⁴	--
OFC 8	6/25/2019	6/21/2019	0.61	Outfall	No	24.5	7.66	177.5	0.09	4128	16200	500	0.28	--	0.02	<0.5 ⁴	--
WS 6	6/25/2019	6/21/2019	0.61	Outfall	No	22.5	7.23	38	0.02	--	>100250	3750	0.24	--	0.01	0.13	--
OFC 9	6/25/2019	6/21/2019	0.61	Outfall	No	24	7.8	72	0.04	18416	34850	500	0.49	--	0.02	<0.5 ⁴	--
OFC 15	6/25/2019	6/21/2019	0.61	Outfall	Yes	23.3	6.91	14980	7.48	220	19200	<500	1.14	0.4	0.01	<0.25	2.59
OFC 3	6/25/2019	6/21/2019	0.61	Outfall	Yes	23.7	7.8	96.5	0.04	16328	36900	2100	0.68	0.36	0.01	<0.25	3.193
ORB 1	6/25/2019	6/21/2019	0.61	Outfall	No	22.2	7.11	193.9	0.1	>48392	100250	11100	0.3	0.17	0.01	0.14	2
SR 6	6/25/2019	6/21/2019	0.61	Upstream Manhole	Yes	22.7	7.12	1755	0.88	4718	21450	8200	0.31	0.09	0.05	0.14	1.79
RB 1	6/25/2019	6/21/2019	0.61	Outfall	No	21.3	6.92	98.5	0.05	17328	72250	11900	0.11	0.1	0.02	<0.05	1.2
SR 4	6/25/2019	6/21/2019	0.61	Outfall	Yes	21.6	7.41		Add	<20	500	<500	0.08	0.49	0.02	0.28	2.28
RB 2	6/25/2019	6/21/2019	0.61	Outfall	No	21.6	6.92	55.1	0.03	34658	2890	1920	0.16	0.36	0.02	<0.05	1.4
RB 3	6/25/2019	6/21/2019	0.61	Outfall	No	22.4	6.94	22.2	0.01	31062	>100250	3150	0.17	0.1	0.01	<0.05	0.6
SR 5	6/25/2019	6/21/2019	0.61	Upstream Catch Basin	Yes	23.6	8.69	70	0.03	39726	>100250	22650	0.17	0.21	0.02	<0.05	1.518
RB 4	6/25/2019	6/21/2019	0.61	Outfall	No	22.2	6.84	29.4	0.01	31062	>100250	12700	0.17	0.11	0.01	<0.05	--
RB 7	6/25/2019	6/21/2019	0.61	Outfall	No	21.6	7.43	88.3	0.04	25994	>100250	4350	0.34	0.27	0.02	<0.1	1.2
SR 3	6/25/2019	6/21/2019	0.61	Upstream Manhole	Yes	23.3	7.5	67.5	0.03	9768	100250	13550	0.1	0.05	0.01	<0.05	1.15
WR 12	6/25/2019	6/21/2019	0.61	Outfall	Yes	24.4	7.33	1301	0.65	4326	100250	4350	0.12	0.29	0.01	0.28	1.8
ORB 3	6/25/2019	6/21/2019	0.61	Outfall	No	22.9	6.83	110.4	0.06	--	>100250	26550	0.12	--	0.01	<0.05	--

Notes:

1. Laboratory testing was performed by South Central Connecticut Regional Water Authority (RWA), 90 Sargent Drive, New Haven, CT
2. RWA uses Escherichia Coli (MPN) results for Fecal Coliform
3. WR-58 is located adjacent to 15 Elizabeth St and it is conservatively assumed the water to be "non-designated swimming"
4. Due to turbidity and particulate interference, the samples are reported at <0.5 instead of <0.05 because the samples were diluted 10 times.

Table 3 - Summary of 2020 Wet Weather Sampling Results

West Haven, CT

Outfall ID	Inspection Date	Sampling Location	Discharges to Impaired Water	Temperature (deg C)	pH	Conductivity (uS/cm)	Chlorine (mg/L)	Ammonia (mg/L)	Surfactants (mg/L)	E. Coli (SW 235 col/100mL)	Enterococcus (FW 61 cfu/100mL; SW 104cfu/100mL)	Fecal Coliform (400 MPN/100mL)	Total Coliform (50 cfu/100mL)	Total Nitrogen	Total Phosphorus	Salinity
OFC 20	3/13/2020	Outfall	Yes	11.2	8.01	403	0	0	0.11	--	62	3030	--	0.68	0.064	0.2
WS 3B	3/13/2020	Outfall	No	12.1	7.44	955	0	0	<0.05	--	1630	1630	--	2.27	0.042	0.49
NHH 2	3/13/2020	Outfall	Yes	10.4	7.56	18500	0	0	<0.05	--	<20	<20	--	0.52	0.036	9.22
NHH 1	3/13/2020	Upstream Manhole	Yes	13.2	7.72	2280	0	0	0.05	--	<20	<20	--	1.77	0.1	1.14
OR 11	3/13/2020	Outfall	No	12.4	7.02	150	0	0.15	0.11	--	1110	82	<100	1.51	0.121	0.07
NHH 3	3/13/2020	Outfall	Yes	13.4	7.9	75	0	0	0.08	--	2450	104	--	1.74	0.34	0.04
RB 6	3/13/2020	Outfall	No	10.6	6.97	102.7	0	0.05	0.09	--	82	20	--	--	--	0.05
RB 5	3/13/2020	Outfall	No	10.1	6.65	84.5	0	0.4	0.11	--	398	<20	--	--	--	0.04
OFC 17	3/13/2020	Outfall	No	14.6	8.71	579	0	0	0.09	<100	--	--	5200	--	--	0.27
OFC 12	3/13/2020	Outfall	No	14.8	8	578	0	0	0.1	750	--	--	8390	--	--	0.16
OR 7	3/13/2020	Outfall	No	11.1	6.94	162.7	0	0.1	0.08	970	--	--	13500	--	--	0.08
WR 75	3/13/2020	Upstream Catch Basin	Yes	13.2	7.7	40	0	0	0.12	--	2420	7750	--	3.21	0.412	0.02
OR 29	3/13/2020	Outfall	No	11.8	7.1	192.1	0	0.1	0.09	850	--	--	21900	--	--	0.1
WR 35	3/13/2020	Outfall	Yes	13.4	7.7	29	0	0	0.09	--	402	<20	--	0.67	0.069	0.01
CR 11	3/13/2020	Outfall	No	12.8	8.06	147.8	0	0	0.1	<100	--	--	<100	--	--	0.07
WR 33	3/13/2020	Outfall	Yes	14.2	7.2	24	0	0	0.07	--	2030	<20	--	0.67	0.063	0.01
OR 28	3/13/2020	Upstream Catch Basin	No	11.5	7.15	294	0	0	0.08	750	--	--	16200	--	--	0.15
CR 12	3/13/2020	Outfall	No	12.3	7.55	150.7	0	0	0.12	<100	--	--	9330	--	--	0.08
CR 102	3/13/2020	Outfall	No	14.3	7.3	230	0	0		200	--	--	10700	1.47	--	0.11
CR 10	3/13/2020	Outfall	No	11.5	6.08	107.7	0	0	0.11	<100	--	--	<100	--	--	0.05
OR 49	3/13/2020	Outfall	No	14.4	7.1	229	0	0		--	--	--	--	--	--	0.11
ORB 12	3/13/2020	Upstream Manhole	No	13	7.11	220	0	0.15	0.17	960	--	--	16100	--	--	0.11
CR 13	3/13/2020	Outfall	No	12.2	6.58	280	0	0	0.22	100	--	--	2850	--	--	0.13
CR 65	3/13/2020	Outfall	No	14.5	7.6	54.5	0	0	--	--	--	--	--	--	--	0.03

Table 4 - 2021 Wet Weather Outfall Inspection Results Summary

Outfall ID	Inspection Date	Sampling Location	Temperature (°C)	pH	Conductivity (µS/cm)	Chlorine (mg/L)	Ammonia (mg/L)	Surfactants (mg/L)	E. Coli (cfu/100mL)	Enterococcus (cfu/100mL)	Fecal Coliform (cfu/100mL)	Total Coliform (cfu/100mL)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)
CR 1	4/15/2021	Outfall	12	8.7	2090	MISSED	0.18	0.2	-	5480	1110	-	2.24	0.161
CR 9	4/15/2021	Outfall	13.3	7.15	159.7	MISSED	0.15	0.18	238	-	-	>24200	-	-
CR 14	4/15/2021	Outfall	13	7.66	351	MISSED	0.15	0.16	>24200	-	-	>24200	-	-
CR 17	4/15/2021	Outfall	12.1	7.27	5460	MISSED	0.47	0.19	-	708	110	-	1.84	0.132
CR 91	4/15/2021	Outfall	13.5	7.36	237	MISSED	<0.10	0.12	12000	-	-	>24200	-	-
OFC 3	4/15/2021	Upstream Manhole	11.3	8.6	4960	0	0.23	0.23	-	11200	72	-	1.74	0.144
OFC 4	4/15/2021	Outfall	11	8.15	114.6	0	0.42	0.24	-	1790	794	-	1.89	0.119
OR 85	4/15/2021	Outfall	12.8	7.45	190	MISSED	0.23	0.12	<10	-	-	17300	-	-
OR 93	4/15/2021	Outfall	10.4	7.14	27.7	0	0.16	<0.05	173	-	-	>24200	-	-
OR 98	4/15/2021	Outfall	10.6	MISSED	165	0	0.1	<0.05	299	-	-	>24200	-	-
OR 99	4/15/2021	Outfall	11.2	MISSED	72.1	0	0.1	<0.05	785	-	-	>24200	-	-
RB 21	4/15/2021	Outfall	10.6	7.49	78.2	0	0.17	0.14	-	17300	285	-	2.62	0.474
RB 22	4/15/2021	Outfall	10.4	7.54	60.5	0	0.14	0.1	-	14100	4610	-	1.11	0.189
RB 31	4/15/2021	Outfall	10.7	7.55	178.1	0	0.12	0.06	571	-	-	>24200	-	-
RB 35	4/15/2021	Outfall	11	6.8	330	0	0.14	<0.05	199	-	-	>24200	-	-
SR 5	4/15/2021	Upstream Manhole	10.8	7.85	173.6	0	0.3	0.25	-	>24200	>24200	-	1.71	0.119
WS 3	4/15/2021	Outfall	10.8	7.58	301	0	0.15	0.12	-	3650	857	-	2.34	0.044

Water Quality Thresholds

Conductivity	>1,500 µS/cm for freshwater
Chlorine	Detectable levels
Ammonia	≥ 0.5 mg/L
Surfactants	≥ 0.25 mg/L
Fecal Coliform	> 31 cfu/100mL for class SA; >260 cfu/100mL for class SB
E. Coli	> 235 cfu/100mL for swimming areas; >410 cfu/100mL for all others
Enterococcus	>104 cfu/100mL for swimming areas (saltwater); >500 cfu/100mL for all others
Total Phosphorus	>0.3 mg/L
Total Nitrogen	>2.5 mg/L

 Exceeded Water Quality Threshold

Table 5 - 2022 Wet Weather Outfall Inspection Results Summary

Outfall ID	Inspection Date	Water Classification	Discharges to Impaired Water	Sampling Location	Ammonia (mg/L)	Chlorine (mg/L)	Conductivity (µS/cm)	E. Coli (cfu/100mL)	Enterococcus (cfu/100mL)	Fecal Coliform (cfu/100mL)	pH	Salinity	Surfactants (mg/L)	Temperature (deg C)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)
CR 59	4/6/2022	N/A	N	Upstream Catch Basin	0.16	0	100	109	-	-	7.08	0.05	0.35	10.1	-	-
CR 90	4/6/2022	SA	Y	Upstream Catch Basin	0.13	0	1,425	-	1,040	20	7.94	0.73	0.06	14.6	1.13	0.20
CR 110	4/6/2022	A	N	Outfall	0.14	0	141	199	-	-	7.12	0.07	0.21	9.2	-	-
CR 122	4/6/2022	N/A	N	Outfall	0.19	0	308	538	-	-	6.64	0.16	0.15	9.8	-	-
CR 123	4/6/2022	N/A	N	Outfall	0.10	0	414	109	-	-	6.77	0.21	0.15	8.9	-	-
CR 128	4/6/2022	A	Y	Outfall	0.13	0	331	121	-	-	6.71	0.17	0.15	9.8	-	-
CR 130	4/6/2022	A	Y	Outfall	0.34	0	211	228	-	-	6.77	0.11	0.25	9.7	-	-
CR 132	4/6/2022	N/A	N	Upstream Catch Basin	0.17	0	95	272	-	-	7.24	0.05	0.22	9.7	-	-
CR 133	4/6/2022	A	N	Outfall	0.13	0	103	199	-	-	7.10	0.05	0.24	9.9	-	-
CR 134	4/6/2022	N/A	N	Outfall	0.25	0	658	10	-	-	9.00	0.03	0.22	9.5	-	-
CR 144	4/6/2022	A	N	Outfall	0.13	0	62	120	-	-	8.08	0.03	0.09	9.5	-	-
CR 145	4/6/2022	A	N	Outfall	0.12	0	8	206	-	-	8.34	0.03	0.19	9.8	-	-
NHH 4	4/6/2022	SB	Y	Upstream Manhole	0.36	0	184	-	1,500	241	7.56	0.09	0.58	10.9	1.69	0.37
OFC 4	4/6/2022	SB	Y	Outfall	0.23	0	90	-	3,580	14,100	7.37	-	0.15	9.4	0.83	0.11
OR 29A	5/19/2022	N/A	N	Outfall	0.22	0	248	11,200	-	-	7.18	0.12	0.18	14.8	-	-
OR 96	5/19/2022	N/A	N	Outfall	0.11	0	176	934	-	-	7.26	0.09	0.16	14.5	-	-
OR 104	5/19/2022	N/A	N	Upstream Catch Basin	0.70	0	314	1,260	-	-	7.01	0.16	0.11	15.0	-	-
OR 120	5/19/2022	N/A	N	Outfall	0.13	0	59	4,610	-	-	7.61	0.03	0.28	15.0	-	-
ORB 8	5/19/2022	N/A	N	Outfall	0.15	0	119	4,610	-	-	7.42	0.06	0.14	15.8	-	-
RB 21	5/19/2022	SB	Y	Outfall	0.13	0	51	-	> 24,200	3,080	7.62	0.03	0.20	14.7	1.17	0.20
SR 2	4/6/2022	SB	Y	Upstream Manhole	0.18	0	675	-	2,010	528	7.20	-	0.22	10.1	0.74	0.10
SR 3	4/6/2022	SB	Y	Upstream Manhole	0.33	0	295	-	5,480	683	7.30	-	0.25	10.3	0.96	0.18
SR 5	4/6/2022	SB	Y	Upstream Manhole	0.22	0	124	-	2,610	275	7.48	-	0.18	10.6	0.63	0.08
WR 20	5/19/2022	N/A	N	Outfall	0.23	0	134	5,170	-	-	7.22	0.07	0.25	15.4	-	-
WR 22	5/19/2022	A	N	Outfall	0.17	0	73	6,130	-	-	7.25	0.04	0.20	14.8	-	-
WR 75	5/19/2022	SB	Y	Upstream Catch Basin	0.43	0	37	-	14,100	2,060	8.03	0.02	0.20	17.1	1.37	0.14
WS 3	5/19/2022	SB	Y	Outfall	0.24	0	151	-	24,200	14,100	7.48	0.08	0.20	15.6	1.66	0.16

Water Quality Thresholds	
Ammonia	≥ 0.5 mg/L
Chlorine	Detectable levels
Conductivity	> 1,500 µS/cm for freshwater
E. Coli	> 235 cfu/100mL for swimming areas > 410 cfu/100mL for all others
Enterococcus	> 104 cfu/100mL for swimming areas (saltwater) > 500 cfu/100mL for all others
Fecal Coliform	> 31 cfu/100mL for class SA > 260 cfu/100mL for class SB
Salinity	≥ 0.5 ppt for freshwater
Surfactants	≥ 0.25 mg/L
Temperature	No threshold
Total Coliform	> 500 cfu/100mL (tested for AA waterbodies only, not applicable for these results)
Total Nitrogen	> 2.5 mg/L
Total Phosphorus	> 0.3 mg/L

Exceeded Water Quality Threshold

Table 6 - 2024 Wet Weather Outfall Inspection Results Summary

Outfall ID	Inspection Date	Surface Water Quality	Tidal?	Freshwater?	Swimming Area?	Sampling Location	Ammonia (mg/L)	Chlorine (mg/L)	Conductivity (µS/cm)	E. Coli (cfu/100mL)	Enterococcus (cfu/100mL)	Fecal Coliform (cfu/100mL)	pH	Salinity	Surfactants (mg/L)	Temperature (deg C)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)
CR 18	3/28/2024	SA	Yes	No	No	Upstream Catch Basin	<0.10	0	253	-	617	135	8.3	0.13	0.16	10.4	-	-
CR 26	3/5/2024	A	No	Yes	No	Upstream Catch Basin	0.20	0	341	63	-	-	8.0	0.17	0.23	9.1	-	-
CR 28	3/5/2024	A	No	Yes	No	Outfall	<0.05	0	430	109	-	-	8.5	0.22	<0.10	8.4	-	-
CR 29	3/5/2024	A	No	Yes	No	Upstream Catch Basin	0.07	0	491	2,360	-	-	8.6	0.24	<0.10	8.9	-	-
CR 34	3/5/2024	A	No	Yes	No	Upstream Catch Basin	0.45	0	260	313	-	-	9.8	0.13	0.23	9.5	-	-
CR 36	3/5/2024	A	No	Yes	No	Outfall	0.11	0	493	1,250	-	-	8.1	0.25	<0.10	8.7	-	-
CR 37	6/6/2024	A	No	Yes	No	Outfall	0.26	0	339	3,870	-	-	7.4	0.17	<0.10	20.8	-	-
CR 38	6/6/2024	A	No	Yes	No	Outfall	0.15	0	456	5,790	-	-	7.7	0.23	<0.10	21.4	-	-
CR 66	3/5/2024	A	No	Yes	No	Outfall	0.05	0	246	7,700	-	-	7.8	0.12	<0.10	10.2	-	-
CR 67	3/5/2024	A	No	Yes	No	Upstream Catch Basin	0.10	0	346	1,410	-	-	7.9	0.17	<0.10	9.5	-	-
CR 74	3/5/2024	A	No	Yes	No	Outfall	0.19	0	906	7,700	-	-	7.5	0.45	<0.10	8.4	-	-
CR 97	3/5/2024	A	No	Yes	No	Outfall	0.09	0	418	435	-	-	8.7	0.21	<0.10	8.8	-	-
CR 98	3/5/2024	A	No	Yes	No	Outfall	<0.05	0	376	6,130	-	-	8.4	0.19	<0.10	9.2	-	-
CR 106	3/5/2024	A	No	Yes	No	Upstream Manhole	0.13	0	1,960	631	-	-	7.7	0.98	0.18	9.8	-	-
CR 107	6/6/2024	A	No	Yes	No	Upstream Catch Basin	0.27	0	116	17,300	-	-	7.8	0.06	0.26	21.8	-	-
CR 112	3/5/2024	A	No	Yes	No	Outfall	<0.10	0	292	3,870	-	-	8.5	0.15	0.15	9.9	-	-
CR 113	3/5/2024	A	No	Yes	No	Outfall	0.18	0	181	86	-	-	8.4	0.09	<0.10	9.8	-	-
CR 114	6/6/2024	A	No	Yes	No	Upstream Catch Basin	0.73	0	116	>24,200	-	-	7.8	0.06	0.38	21.5	-	-
CR 116	3/5/2024	A	No	Yes	No	Upstream Catch Basin	<0.10	0	50	11,200	-	-	8.7	0.02	0.21	9.4	-	-
CR 120	3/5/2024	A	No	Yes	No	Outfall	<0.05	0	272	75	-	-	7.7	0.14	<0.10	8.9	-	-
CR 121	3/5/2024	A	No	Yes	No	Upstream Catch Basin	0.18	0	489	74	-	-	7.9	0.25	0.25	8.7	-	-
CR 122A	3/28/2024	A	No	Yes	No	Outfall	0.09	0	408	216	-	-	9.0	0.20	<0.10	11.4	-	-
CR 136	3/5/2024	A	No	Yes	No	Outfall	0.14	0	588	1,110	-	-	7.7	0.29	<0.10	9.0	-	-
CR 138	3/5/2024	A	No	Yes	No	Upstream Catch Basin	0.35	0	420	213	-	-	7.2	0.21	<0.10	9.9	-	-
CR 139	3/5/2024	A	No	Yes	No	Upstream Catch Basin	0.08	0	328	173	-	-	7.2	0.16	<0.10	10.0	-	-
CR 142	3/5/2024	A	No	Yes	No	Upstream Catch Basin	0.17	0	359	5,790	-	-	8.1	0.18	0.25	8.6	-	-
CR 143	3/5/2024	A	No	Yes	No	Upstream Catch Basin	0.18	0	341	345	-	-	7.8	0.17	0.26	9.6	-	-
CR 146A	3/28/2024	A	No	Yes	No	Outfall	<0.10	0	106	798	-	-	7.5	0.06	0.11	9.4	-	-
CR 153	3/28/2024	SA	Yes	No	No	Upstream Catch Basin	<0.05	0	182	-	122	158	8.0	0.09	0.13	9.9	-	-
CR 155	3/28/2024	A	No	Yes	No	Outfall	0.08	0	202	52	-	-	7.8	0.10	0.12	9.9	-	-
CR 158	3/28/2024	A	No	Yes	No	Outfall	0.12	0	91	>24,200	-	-	8.1	0.05	0.27	9.4	-	-
OFC 3A	6/6/2024	SB	Yes	No	No	Upstream Catch Basin	0.57	0	1,702	-	>24,200	>24,200	9.4	0.91	0.21	21.9	2.07	0.36
OFC 14	6/6/2024	A	No	Yes	No	Outfall	0.43	0	206	11,200	-	-	7.8	0.10	0.21	22.0	-	-
OFC 19	6/6/2024	A	No	Yes	No	Outfall	0.38	0	160	>24,200	-	-	8.6	0.08	0.11	21.0	-	-
OR 43	3/28/2024	A	No	Yes	No	Upstream Catch Basin	<0.10	0	336	1,790	-	-	8.0	0.16	0.12	10.0	-	-
OR 46	3/28/2024	A	No	Yes	No	Outfall	<0.10	0	315	228	-	-	8.2	0.15	<0.10	11.6	-	-
OR 100	3/28/2024	A	No	Yes	No	Upstream Catch Basin	0.07	0	253	1,120	-	-	7.9	0.12	<0.10	10.4	-	-
OR 102	3/28/2024	A	No	Yes	No	Upstream Catch Basin	<0.10	0	108	11,200	-	-	8.4	0.05	0.17	10.9	-	-
OR 103	3/28/2024	A	No	Yes	No	Upstream Catch Basin	0.12	0	230	3,440	-	-	7.8	0.11	0.20	11.3	-	-
OR 104	3/28/2024	A	No	Yes	No	Upstream Catch Basin	0.22	0	355	41	-	-	7.8	0.18	<0.10	11.1	-	-
OR 104A	3/28/2024	A	No	Yes	No	Upstream Catch Basin	<0.05	0	281	211	-	-	8.2	0.14	<0.10	11.8	-	-
OR 105	3/28/2024	A	No	Yes	No	Outfall	0.07	0	608	173	-	-	7.6	0.40	0.12	9.7	-	-
OR 107	3/28/2024	A	No	Yes	No	Outfall	0.13	0	760	1,140	-	-	7.8	0.38	0.14	9.2	-	-
OR 108	3/28/2024	A	No	Yes	No	Outfall	<0.10	0	194	1,220	-	-	8.3	0.10	<0.10	9.9	-	-
OR 109	3/28/2024	A	No	Yes	No	Outfall	0.18	0	133	816	-	-	7.1	0.06	0.12	11.5	-	-
OR 110	3/28/2024	A	No	Yes	No	Outfall	<0.10	0	125	1,240	-	-	7.4	0.06	0.14	11.5	-	-
OR 111	3/28/2024	A	No	Yes	No	Outfall	<0.10	0	178	199	-	-	7.5	0.09	<0.10	11.0	-	-
OR 118	3/28/2024	A	No	Yes	No	Upstream Catch Basin	<0.10	0	390	31	-	-	8.1	0.20	<0.10	11.5	-	-

Table 6 - 2024 Wet Weather Outfall Inspection Results Summary

Outfall ID	Inspection Date	Surface Water Quality	Tidal?	Freshwater?	Swimming Area?	Sampling Location	Ammonia (mg/L)	Chlorine (mg/L)	Conductivity (µS/cm)	E. Coli (cfu/100mL)	Enterococcus (cfu/100mL)	Fecal Coliform (cfu/100mL)	pH	Salinity	Surfactants (mg/L)	Temperature (deg C)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)
OR 121	3/28/2024	A	No	Yes	No	Upstream Catch Basin	0.32	0	629	2,360	-	-	8.5	0.36	0.22	10.2	-	-
OR 122	3/28/2024	A	No	Yes	No	Outfall	<0.05	0	359	602	-	-	8.2	0.15	0.11	9.9	-	-
OR 123	3/28/2024	A	No	Yes	No	Upstream Manhole	<0.05	0	397	131	-	-	8.2	0.26	<0.10	12.0	-	-
ORB 4	3/28/2024	A	No	Yes	No	Outfall	0.22	0	140	10	-	-	7.7	0.07	0.14	11.1	-	-
ORB 6	3/28/2024	A	No	Yes	No	Outfall	<0.10	0	245	30	-	-	7.9	0.12	0.31	10.4	-	-
ORB 14	3/28/2024	A	No	Yes	No	Outfall	<0.10	0	430	74	-	-	7.4	0.22	0.18	10.9	-	-
WR 41	3/5/2024	A	No	Yes	No	Outfall	<0.05	0	5,070	10	-	-	9.6	2.50	0.38	9.3	-	-
WR 54A	6/6/2024	A	No	Yes	No	Upstream Catch Basin	0.39	0	5,150	17,300	-	-	7.7	2.58	0.16	20.7	-	-
WR 89	6/6/2024	A	No	Yes	No	Outfall	0.29	0	494	24,200	-	-	8.1	0.02	0.26	22.3	-	-
WR 90	6/6/2024	A	No	Yes	No	Outfall	0.37	0	215	>24,200	-	-	8.1	0.10	0.51	22.1	-	-
WR 93	6/6/2024	A	No	Yes	No	Outfall	0.68	0	603	14,100	-	-	7.3	0.03	0.56	21.7	-	-

*NOTE: The parameters of conductivity and salinity are indicators based off the CT DEEP MS4 permit, meaning that surpassing the associated water quality threshold results in an elevation, not an exceedance. Elevations of salinity and conductivity are not applicable for SA or SB catchments.

Parameter	Water Quality Threshold
Ammonia	≥ 0.5 mg/L
Chlorine	Detectable levels
Conductivity	> 1,500 µS/cm for freshwater
E. Coli	> 235 cfu/100mL for swimming areas > 410 cfu/100mL for all others
Enterococcus	> 104 cfu/100mL for swimming areas (saltwater) > 500 cfu/100mL for all others
Fecal Coliform	> 31 cfu/100mL for class SA > 260 cfu/100mL for class SB
pH	No threshold
Salinity	≥ 0.5 ppt for freshwater
Surfactants	≥ 0.25 mg/L
Temperature	No threshold
Total Nitrogen	> 2.5 mg/L
Total Phosphorus	> 0.3 mg/L

Exceeded Water Quality ThresholdElevated Indicator (Conductivity and Salinity Parameters Only)

ATTACHMENT D

IDDE SUMMARY

Outfall/ Interconnection ID	Initiated	Year Initiated	Completed	Year Completed	Date Completed	Recommendations/Future Actions
CR 1	X	2022	X	2022	6/22/2022	No dry weather flow, no further action
CR 2	X	2023				Surfactant and conductivity exceedance in 12:00 inlet of CB-1029 due to saltwater interference, no potential around area for illicit connections. Wet weather sampled required.
CR 3	X	2020	X	2023	3/10/2023	Reattempt IDDE once construction in area is completed. 3/10/23: Able to investigate upstream catch basins, IDDE completed - standing water and signs.
CR 4	X	2020	X	2020	6/2/2020	No dry weather flow, no further action.
CR 9	X	2022	X	2023	3/30/2023	CB 2764: Flow from 12:00 inlet with surfactants exceedance of 0.29 mg/L and ammonia hit of 0.25 mg/L. CB 2765: CB just upstream of 2764. 3:00 inlet had flow with an ammonia hit of 0.5 mg/L. Upstream CB 3418 did not have any flow, indicating a possible connection. 3/30/23 Follow Up CCTV showed no illicit connections, no additional steps required.
CR 13	X	2022	X	2022	6/29/2022	No dry weather flow, no further action
CR 14	X	2023	X	2023	3/10/2023	Dry weather flow results were below water quality thresholds - no further action.
CR 15	X	2020	X	2020	7/9/2020	Dry weather flow results were below water quality thresholds - no further action.
CR 16	X	2022	X	2022	6/24/2022	No dry weather flow, no further action.
CR 17	X	2023	X	2023	4/7/2023	Surfactant exceedances in most samples, likely due to salt water receding with the tide: CB-5244 1:00 inlet (signs of tidal influence, from direction of turf field, DGM-5568), CB-5503 1:00 inlet (DGM-5564). CB-5500 4:00 inlet had signs, possibly source of flow into CB-5503, rocks on bottom the water might have been flowing through. Dry and wet weather inspections already completed. 4/7/23: CCTV CB-5244 1:00 inlet (DGM-5568) and CB-5503 1:00 inlet (DGM-5564) revealed no illicit connections, surfactant exceedance likely due to high conductivity values.
CR 18	X	2022	X	2024	4/1/2024	Gate to outfall locked. No exceedances (other than conductivity, but it is a saltwater catchment) in upstream structures. Fish and shellfish present in first upstream catch basin, could be cause of bacteria, etc. exceedances in dry weather outfall inspection.
CR 20	X	2020	X	2020	6/2/2020	No dry weather flow, no further action.
CR 22	X	2020	X	2020	11/5/2020	No flow at outfall. Inlets to CB-591 and CB-594 damp, but likely cause is slow draining of standing water in upstream catch basins. No dry weather flow, no further action.
CR 23	X	2020	X	2020	5/14/2020	Dry weather flow results were below water quality thresholds - no further action.
CR 25	X	2020	X	2020	5/22/2020	Dry weather flow results were below water quality thresholds - no further action.
CR 26	X	2022	X	2024	3/5/2024	No dry weather flow, no further action for IDDE field investigation.
CR 27	X	2022	X	2022	5/10/2022	No dry weather flow, no further action.
CR 28	X	2022	X	2024	3/5/2024	No flow in system, no follow up for IDDE field investigation.
CR 29	X	2023	X	2024	3/5/2024	Conductivity, salinity and surfactant hits in 12:00 inlet of CB-361. CCTV from CB-361 to CB-356. Flow throughout system originating from sump pumps and melting ice on road. 4/3/23: CCTV inspection found illicit connection pointing towards 45 Swampscott Road. Completed building inspection on 6/22/23, did not find any illicit connections. Confirmed by the City Engineer on 7/26/23 that nearby street (Fresh Meadow Rd) used to be an old landfill; possible reasoning for exceedances.
CR 30	X	2020	X	2020	6/2/2020	Dry weather flow results were below water quality thresholds - no further action.
CR 34	X	2022	X	2024	3/5/2024	No dry weather flow, no further action for IDDE field investigation.
CR 35	X	2022	X	2022	6/1/2022	No dry weather flow, no further action for IDDE field investigation.
CR 36	X	2022	X	2024	3/5/2024	Flow at outfall, but tailwater prevented sampling. 2/6/23: Primarily standing water, occasional trickle had conductivity exceedance, attributed to road salt usage in recent days. Backyard storage falling into stream at inlet, potential pollution problem during storms. City notified.
CR 37	X	2023	X	2024	6/6/2024	System conveys flow from stream across Glade St into Cove River. Elevated conductivity and salinity levels at CB-636, which is last city structure before private structures of West Haven Housing Authority, attributed to road salt usage. Wet weather inspection completed 6/6/24.
CR 38	X	2022	X	2024	6/6/2024	No dry weather flow, no further action for IDDE field investigation. Wet weather inspection completed 6/6/24.
CR 44	X	2023				No dry weather flow, no further action for IDDE field investigation. Wet weather inspection needed.
CR 50	X	2022	X	2022	6/29/2022	No dry weather flow, no further action
CR 58 (170-HE-21252)	X	2023				Flow at DMH-697 had no exceedances. Unable to sample downstream since 170-MH-5594 and DMH-697A are buried and there was standing water at the outfall. Standing water at outfall is a little blue tinted and murky. Not all structures visited. Wet weather inspection needed.
CR 59	X	2022	X	2022	6/21/2022	No dry weather flow, no further action.
CR 61	X	2020	X	2023	4/6/2023	Additional CCTV to locate source of flow. CCTV reviewed from National Water Main from June 2022 from CR 61 to CB-2680 showed no illicit connections. Additional CCTV recommended from CB-2680 to CB-2681 recommended, where initial surfactant hit came from. 4/6/23: CCTV between CB-2680 and CB-2681 showed infiltration but no illicit connections. Many dog poop bags were seen in CB-2681 and are likely the source of the surfactant exceedance. The city has been notified of this issue.
CR 62	X	2022				No dry weather flow. Unable to locate outfall. Wet weather inspection needed.
CR 65	X	2020	X	2020	6/1/2020	Dry weather flow results were below water quality thresholds - no further action.
CR 66	X	2022	X	2024	3/5/2024	Slight flow assumed to be from inlet/groundwater. No exceedances, no further action.

Outfall/ Interconnection ID	Initiated	Year Initiated	Completed	Year Completed	Date Completed	Recommendations/Future Actions
CR 67	X	2023	X	2024	3/5/2024	CCTV required from DMH-53 to DMH-75 (conductivity and salinity hit) and DMH-75 to DMH-72 (surfactant hit), found illicit connection from 282 Terrace Avenue on 5/15/23. Lots of sand in pipes. CDM Smith to notify private apartment owner of 282 Terrace Avenue of surfactant hit between DMH-75 and DMH-72. Flow originates from inlet at top of system. 12/7/23: No more elevated conductivity levels at DMH-53 11:00. Unable to inspect CB-178 4:00 due to broken pipe, but follow up not required. There is still a surfactant exceedance in DMH-75 3:00. CDM Smith sent letter to property owner of 282 Terrace Ave notifying them of surfactant exceedance findings.
CR 70	X	2022	X	2022	5/11/2022	We registered a 0.25 mg/l ammonia elevation at CB 107 and CB 106, downstream of the state/private system. No visual evidence of potential illicit connection, no exceedances. No further action.
CR 71	X	2022				No flow observed, no further action for IDDE field investigation. Wet weather inspection required.
CR 72	X	2022				No flow observed, no further action for IDDE field investigation. Wet weather inspection required.
CR 74	X	2022				CB-641/CB-641A(now DMH-641A?): Flow from apartment complex private system. DMH-641A: Ammonia 0.4 mg/L and surfactants 0.25 mg/L. CB-641: ammonia 0.60 and surfactants 0.36. Letters were sent to the apartments between Knox St and Canton St (Kings Court Apartment Complex) notifying them of the ammonia and surfactant exceedances (11/22/23). CB-646 12:00: Chlorine and surfactant exceedances. Flow in upstream structures did not yield any exceedance.
CR 76	X	2022	X	2022	5/11/2022	CB 488 -- small PVC pipe into CB likely sump pump or foundation drain from 191 Jaffrey Street, no concerning results from downstream sample. CB 473 and 467 -- These had small PVC connections from the southeast (likely Family Dollar & Jimmy's Hip Hop). The roof leaders from these buildings go into the pavement, and I think are very likely connected into the catch basins. 0.20 mg/l surfactants in CB 473, and elevated conductivity (2,200 uS) throughout system. Suspected groundwater flow in this system.
CR 77	X	2022	X	2023	4/27/2023	CB-471: 8" private connection with a drip. The drip was too slow to sample but we were able to sample the flow from CB 542 which showed surfactants above the limit at 0.28 mg/L and elevated conductivity of 1,851 uS/cm. CCTV completed on 4/27/23 upstream of CB-471 revealed no illicit connections. Exceedance likely due to runoff. Returned to resample CB-471 on 9/20/23, and surfactant exceedance was not present. Old exceedance confirmed to be from runoff at the time.
CR 80	X	2022	X	2022	5/10/2022	It is suspected that this system is secondary collection of drainage from swale at side of I-95, open inlet from swale into this system. No exceedances on parameters, no further action.
CR 82	X	2016	X	2022	12/2/2022	IDDE investigation incomplete, did not sample enough upstream structures. 12/2/22 Finished inspection, no flow, no further action.
CR 85	X	2022	X	2022	6/15/2022	Minor flow assumed to be from groundwater. No exceedances, no further action.
CR 86	X	2022	X	2022	6/29/2022	No dry weather flow, no further action.
CR 87	X	2023				No dry weather flow, no further action. Wet weather inspection required.
CR 91	X	2022	X	2022	6/1/2022	No dry weather flow, no further action.
CR 92	X	2020	X	2020	11/5/2020	No dry weather flow, no further action.
CR 97	X	2022	X	2024	3/5/2024	Dry weather flow results were below water quality thresholds - no further action.
CR 98	X	2022	X	2024	3/5/2024	Dry weather flow results were below water quality thresholds - no further action.
CR 100	X	2023				Dry weather flow results were below water quality thresholds - no further action.
CR 101	X	2020	X	2020	5/22/2020	Dry weather flow results were below water quality thresholds - no further action.
CR 102	X	2020	X	2020	5/22/2020	Dry weather flow results were below water quality thresholds - no further action.
CR 105	X	2023				System conveys flow from stream. Unknown flow from 2:00 inlet in CB-2586A has high conductivity and salinity. Follow-up not needed for elevated conductivity and salinity levels. Wet weather inspection required.
CR 106	X	2023	X	2024	3/5/2024	No dry weather flow, no further action.
CR 107	X	2023				Dry weather flow results were below water quality thresholds so far. Key junction manholes on Meloy Rd need to be uncovered. Wet weather inspection completed 6/6/24.
CR 109	X	2022	X	2022	5/10/2022	Tailwater in pipes, but no flow observed. No further action.
CR 110	X	2023	X	2023	1/11/2023	Flow in system had no exceedances, from an upstream stream entering the inlet.
CR 112	X	2022	X	2024	3/5/2024	2" Private PVC connection observed into CB-621, no concerning results. 0.25 mg/L ammonia elevation at the outfall, but not upstream at CB-620.
CR 113	X	2022	X	2024	3/5/2024	No flow observed, no further action for IDDE field investigation.
CR 114	X	2023	X	2024	6/6/2024	Flow in system had no exceedances, originating from private apartments at 15 Ridge Court. No further action for IDDE field investigation. Wet weather inspection completed 6/6/24.
CR 116	X	2023	X	2024	3/5/2024	No flow observed, no further action for IDDE field investigation.

Outfall/ Interconnection ID	Initiated	Year Initiated	Completed	Year Completed	Date Completed	Recommendations/Future Actions
CR 117	X	2022				2 parallel lines observed throughout system, larger diameter believed to be flow originating from Phipps Lake with no exceedances. The other line had exceedances for chlorine. Follow up CCTV between DMH-146 and DMH-140 showed no illicit connections, no other follow up except wet weather inspection required. Structures originally thought to connect to CR 147 actually connect to CR 117. 8/2/23, finished all remaining structure inspections for IDDE, no exceedances.
CR 117A	X	2022				Exceedances for chlorine found at DMH-140. Follow up CCTV between DMH-146 and DMH-140 showed no illicit connections, no other follow up except wet weather inspection required. Structures originally thought to connect to CR 147 actually connect to CR 117. 8/2/23, finished all remaining structure inspections for IDDE, no exceedances.
CR 120	X	2022				No flow observed, no further action for IDDE field investigation. Updated mapping on 3/5/24, new IDDE investigation and dry weather inspection required. New dry weather inspection created 4/22/24.
CR 121	X	2022	X	2024	3/5/2024	No flow observed, no further action for IDDE field investigation.
CR 122	X	2022	X	2022	6/29/2022	Flow observed from culvert. No exceedances, no further action.
CR 122A	X	2022	X	2024	4/22/2024	IDDE completed under CR 122 investigation. Wet weather investigation completed, dry weather inspection completed.
CR 123	X	2023				Conductivity exceedance from CB-3350. Conductivity exceedance from 12:00 inlet in CB-3350 assumed to be from road runoff. Later investigations found salinity exceedances at DMH-5239A 12:00. There was lots of flow in DMH-5239A, but not in CB-3353, so there is likely an unmapped connection in between. There were conductivity and salinity exceedances at CB-3352 3:00. The previous sample taken had been saltwater, which could have slightly raised readings despite rinsing of equipment. However, there were salinity exceedances previously measured downstream. Dye testing and CCTV are not feasible for CB-3352 3:00; exceedance likely due to road runoff. Follow-up not needed for elevated salinity and conductivity levels.
CR 124	X	2023				Surfactant hit at 11:00 inlet at CB-413. CCTV from CB-413 to CB-4209. Flow throughout system originating from draining upstream catch basins, and attached private systems. Wet weather inspection required. 4/3/23: CCTV performed, no illicit connections found, but tar was used to seal some joints in the pipe.
CR 124A	X	2023				No flow observed, no further action for IDDE field investigation. Wet weather inspection required.
CR 124B	X	2023				Surfactant hit at 11:00 inlet at CB-413. CCTV from CB-413 to CB-4209. Flow throughout system originating from draining upstream catch basins, and attached private systems. Wet weather inspection required. 4/3/23: CCTV performed, no illicit connections found, but tar was used to seal some joints in the pipe.
CR 125	X	2022				No flow observed, no further action for IDDE field investigation. Wet weather inspection required.
CR 127	X	2022				No flow observed, no further action for IDDE field investigation. Wet weather inspection required.
CR 128	X	2022				Surfactant hit from 9:00 pipe in DMH-697. Ammonia and surfactant hit from 3:00 pipe in CB-3385. Catchment is primarily conveying state drainage from highway. Dry weather inspection required. 1/11/23: Unable to sample private inlet coming into CB-3386, trickling water observed to be orange brown. Building inspections and dye tests completed at 165 and 171 Frontage Road. No illicit connections found during inspections, unresolved exceedance.
CR 129	X	2023				No dry weather flow, no further action. Wet weather inspection required.
CR 130	X	2022	X	2023	3/30/2023	Conductivity exceedance at CB-3051. No flow in outfall, but flow in upstream structures. CB-3052 had flow upstream into inlet. Follow up CCTV showed no illicit connections. Conductivity exceedance likely due to proximity of roads and gravel parking lot.
CR 131	X	2023				Flow throughout system originates from inlets/upstream private catch basins. No exceedances, IDDE investigation complete. Wet weather inspection required.
CR 131A	X	2023				Flow throughout system originates from inlets/upstream private catch basins. No exceedances, IDDE investigation complete. Wet weather inspection required.
CR 132	X	2023	X	2023	8/9/2023	No flow observed, no further action.
CR 133	X	2022	X	2022	6/24/2022	No flow observed, no further action.
CR 135	X	2023				No dry weather flow, occasional signs. Wet weather screening required.
CR 136	X	2022	X	2024	3/5/2024	Slight flow assumed to be from groundwater. No exceedances, no further action for IDDE field investigation.
CR 138	X	2023	X	2024	3/5/2024	Flow, no exceedances, no further action.
CR 139	X	2022	X	2024	3/5/2024	No flow observed, no further action for IDDE field investigation.
CR 140	X	2023				No dry weather flow, no further action. Wet weather inspection required.
CR 141	X	2022				No flow observed, no further action for IDDE field investigation. Wet weather screening required.
CR 142	X	2022	X	2024	5/2/2024	No flow observed, no further action for IDDE field investigation. Dry weather and wet weather screening completed.
CR 143	X	2022	X	2024	3/5/2024	No flow observed, no further action for IDDE field investigation.
CR 144	X	2022	X	2022	6/29/2022	No dry weather flow, no further action.
CR 145	X	2022	X	2023	4/4/2023	Signs of flow observed during IDDE, sandbagging performed on CB-5231 on 4/4/23. Surfactant hit observed in inlet to CB-5231 during sandbagging, but due to the location of the upstream pipe, the hit is assumed to be from road runoff.
CR 146A	X	2022				Wet weather inspection completed. Previous IDDE investigation completed from thought that inlet was the outfall, must re-do. New dry weather inspection completed 4/22/24.
CR 148	X	2023				No dry weather flow, occasional standing water. Wet weather screening required.

Outfall/ Interconnection ID	Initiated	Year Initiated	Completed	Year Completed	Date Completed	Recommendations/Future Actions
CR 149	X	2023				No dry weather flow, occasional signs. Wet weather screening required.
CR 150	X	2023				Tailwater in first upstream catch basins even close to low tide. Flow in 3:00 inlet of CB-1023 likely receding tailwater due to high conductivity and salinity readings. Surfactant exceedance likely due to high conductivity readings as there are no nearby buildings. Wet weather screening required.
CR 152	X	2023				No dry weather flow, no further action. Wet weather screening required.
CR 153	X	2023				Dry weather flow assumed to be from school, no exceedances. Mapping needs to be verified. Wet weather screening completed, dry weather screening completed.
CR 155	X	2023	X	2024	4/1/2024	Flow, no exceedances. No further action. Wet and dry weather inspections completed.
CR 157	X	2023				No dry weather flow. Signs in CB-5179C 9:00 inlet due to sag in pipe observed during CCTV for mapping. Wet weather screening required.
CR 158	X	2023	X	2024	4/1/2024	No dry weather flow, no further action. Wet weather and dry weather screening completed.
CR 160	X	2023				No dry weather flow, no further action. Wet weather screening required.
CR 161	X	2023				No dry weather flow other than a drip in CB-3478 which had no exceedances. Wet weather screening required, has not been completed at a downstream outfall as of Nov 2023.
CR 162	X	2023				Outfall inaccessible, but all upstream structures dry. Dry weather screening completed. Wet weather screening required.
CR 163	X	2023				Flow originating from sump pump that started during investigation. Wet weather screening required.
CR 165	X	2023				No dry weather flow, no further action. Wet weather screening required.
CR 169	X	2023				Dry and wet weather inspections required.
DMH-467B	X	2023				No dry weather flow, no further action. Wet weather screening required.
DMH-567B	X	2023				No dry weather flow, no further action. Wet weather screening required.
IC-1:170-HE-21235	X	2023				No dry weather flow, no further action. Wet weather screening required.
IC-1:170-HE-21243	X	2023				No dry weather flow, occasional signs. Wet weather screening required.
IC-1:170-HE-21245	X	2023				Flow likely due to inlets and sump pumps. No exceedances. Dry weather screening completed. Wet weather screening required.
IC-1:170-HE-21249	X	2023				Dry weather flow close to interconnection, likely due to observed infiltration in DMH-11 and DMH-12. No exceedances. Dry and wet weather screening required.
IC-1:170-HE-21259	X	2023				No dry weather flow, occasional signs likely due to AM fog. Wet weather screening required.
IC-1:170-HE-21301	X	2023				No dry weather flow observed during IDDE investigation. Wet weather screening required.
IC-1:170-HE-21450	X	2023				Flow originating from private inlet, no exceedances. Dry weather screening completed. Wet weather screening required.
IC-1:170-HE-21483 (IC-1:CR 60A)	X	2020				Moderate flow throughout system, flow originates at apartment complex on Claudia Dr. No exceedances were observed during IDDE investigation, but the temperature of the samples were elevated. Recommendation: interconnection is located in high traffic area, perform dry & wet weather inspections for interconnection with traffic control present.
IC-1:170-HE-21551	X	2023				Minor flow assumed to be from groundwater and sump pumps. No exceedances, no further action. Dry weather inspection completed.
IC-1:170-HE-21697 (IC-1:WS 3)	X	2019				IDDE Concern: Dry weather flow observed during IDDE investigation. Recommendation: Interconnection is located in a high-traffic area. Perform wet weather inspections for interconnection with traffic control present. Chlorine and surfactant exceedances traced to CB-3897 where 65 Seaview Ave was draining their pool, via hose, directly into the catch basin. Section 54.4 of the city zoning ordinance (https://www.cityofwesthaven.com/DocumentCenter/View/5154/Zoning-Regulations-Revised-to-05-01-23-PDF) seems to recommend doing this. Wet weather screening required.
IC-1:170-HE-21708	X	2023				No dry weather flow observed during IDDE investigation. Wet weather screening required.
IC-1:170-HE-21709	X	2022				Groundwater flow throughout system. No exceedances, no further action. Wet weather screening required, but already completed at downstream outfall (wet weather outfall exceedance, no dry weather outfall exceedance). Dry weather screening updated 4/22/24.
IC-1:170-HE-21710	X	2023				Some dry weather flow at top of system due to private sump pumps, no exceedances. No further action for IDDE investigation. Wet weather screening required.
IC-1:170-HE-21712	X	2023				No dry weather flow at outfall. One instance of a trickle in the system assumed to be due to infiltration. No further action for IDDE investigation. Wet weather screening required.
IC-1:170-HE-21714	X	2023				From original 170-HE-21714 inspection: "March/April 2022 City TV showed tap break in intrusion, leading from 120 Aimes Drive. June 2022 National Water Main TV showed an illicit connection from 72 Trumbull St (not flowing at time of TV). CDM Smith completed building inspections of 72 Trumbull Street and 120 Aimes Drive on 6/20/23 and 6/23/23. No illicit connections determined, unresolved exceedance") Catchment redone: Flow throughout system, originating from sump pumps, infiltration or yard drainage. Dry weather screening completed. Wet weather screening required.
IC-1:170-HE-21719	X	2023				Flow originating from sump pump upstream, no exceedances. Dry weather screening completed. Wet weather screening required.
IC-1:170-HE-21720	X	2023				Flow originating from upstream inlet. No exceedances. Wet weather screening required.
IC-1:170-HE-9521A	X	2023				No dry weather flow observed during IDDE investigation. Signs of flow in CB-1812 02:00. Wet weather screening required.

Outfall/ Interconnection ID	Initiated	Year Initiated	Completed	Year Completed	Date Completed	Recommendations/Future Actions
IC-1:CR 70	X	2023				Salinity exceedance CB-122 3:00. Unable to open many CBs to get samples. Signs of flow CB-1671C 3:00 private inlet, could not sample downstream. Wet weather screening required.
IC-1:CR 74	X	2022				CB-654: elevated conductivity levels in stagnant water, does not require follow-up, however, there was also a sewage odor. 12/7/23: No sewage odor or elevated conductivity levels in CB-654 9:00. Wet weather inspection required.
IC-1:CR 81	X	2023				Trickle throughout system likely from apartments and homes sump pumps, no exceedances. Rotting smell in CB-155 and CB-156 and unknown solids in CB-156, could not sample 3:00 inlet to CB-156. Possible animal waste on CB-156 grate. 10/26/23: No smell in CB-156 and CB-155, and waste on top of CB-156 appears to just be cloth/paper. Dry weather screening completed. Wet weather screening required.
IC-1:CR UNK 3	X	2023				Elevated salinity levels; follow-up not required. Flow originating from either inlet to CB-1783. Dry weather screening completed. Wet weather screening required.
IC-1:CR UNK 5	X	2023				No dry weather flow observed during IDDE investigation. Wet weather screening required.
IC-1:CR UNK 8	X	2023				No dry weather flow observed during IDDE investigation. Wet weather screening required.
IC-1:CR UNK 12	X	2023				Dry weather flow assumed to be from draining standing water, no exceedances. Wet weather screening required.
IC-1:CR UNK 14	X	2023				Trickle from private connection in CB-393 resulted in a surfactant exceedance. Property associated with exceedance is 45 Industry Drive, which has many gravel piles in the parking lot, likely for construction or landscaping. There was still a surfactant exceedance in CB-393 1:00 when it was resampled on 12/7/23. CDM Smith to sent letter to property owners of 45 and 55 Industry Drive with investigation findings. Wet weather screening required.
IC-1:PB 1	X	2023				No dry weather flow observed during IDDE investigation. Dry and wet weather screening required.
IC-1:RB 32	X	2023				Dry weather flow. Ammonia exceedance in 3:00 inlet of CB-963. CB-963, CB-1006 and CB-1007 had murky water, but not CB-1004. During revisit, CB-1007 and CB-963 still had murky water with an oil sheen, while CB-1006 did not. 3:00 inlet of CB-963 still had an ammonia exceedance and was brown. Homeowner of 68 Wind Sock Road said that had recently replaced the line coming from their sump pump because it used to go to the sewer and that there is a lot of brown silt in it which could be causing the brown color. Homeowner did not say if had cleaned or replaced their sump pump, so if there had been a sewer backup at some point, this could be contributing to the ammonia exceedance. CNG was working on a gas line for 68 Wind Sock Rd and a house across the road. This could possibly be contributing to the oil sheen. Signs in CB-1007 from direction of CB-1006, reinspected. Dry weather screening completed. Wet weather screening required. Completed dye test at 68 Wind Sock Rd, no illicit connections found.
IC-1:WR UNK 3	X	2023				No dry weather flow observed during IDDE investigation. Wet weather screening required.
IC-1:WR UNK 4	X	2023				No dry weather flow observed during IDDE investigation. Wet weather screening required.
IC-1:WR 34	X	2018, 2019				2018 - Review updated drawings to update mapping. 2019 - No further action. 2021: Unable to locate DMH-61 and DMH-45. Substantial flow seen at the inlet on Hemlock St.
IC-2:170-HE-21243	X	2023				No dry weather flow observed during IDDE investigation. Wet weather screening required.
IC-2:170-HE-21265	X	2023				No dry weather flow observed during IDDE investigation. Wet weather screening required.
IC-2:170-HE-21301	X	2023				No dry weather flow observed during IDDE investigation. Wet weather screening required.
IC-2:170-HE-21483 (IC-2:CR 60A)	X	2020				Investigated as part of the 2019 IDDE Investigations. No dry weather flow, complete for IDDE investigation. Wet weather screening required. 10/12/23: IDDE completed again under correct interconnection name. No dry weather flow, dry weather outfall inspection completed.
IC-2:170-HE-21720	X	2023				Flow likely originating from inlet, no exceedances. Dry weather screening completed. Wet weather screening required.
IC-2:CR 74	X	2022				Flow coming from inlet, no exceedances. Wet weather inspection required.
IC-2:CR 81	X	2023				Flow coming from apartments at 40 Crest St, no exceedances. Dry weather screening completed. Wet weather screening required.
IC-2:PB 1	X	2023				Only able to inspect one upstream structure (no flow). Dry and wet weather screening required.

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IC-2:WR 95	X	2023				Salinity (and sometimes conductivity) exceedances in 170-IN-47647 12:00, CB-1870 1:00, CB-1872 1:00, CB-1873 12:00 and 3:00 traced to 69 Ruden St area construction and debris entering catch basins that may pass through DMH-628A into CB-1874. Exceedances in CB-1858 12:00, CB-1859 3:00 and 3:02, as well as CB-1856 12:00 were traced to an improperly installed silt sack in CB-1879. There was a salinity exceedance in CB-1859 12:00 and CB-1860 12:00 but not in CB-1868. CB-152 3:00 had a salinity exceedance. This is likely from CB-2129's 9:00 inlet that comes from the parking garage there. Private CB-2127 looks and smells really bad and has an inlet from the same parking garage building. Salinity exceedance in CB-5148 12:00. CB-152 9:00 was brown but had no exceedances. Surfactant readings of 0.0 at CB-1859 12:00, CB-1864 3:00, CB-152 3:00 were retested. 8/9/23: 9:00 flow into CB-152 had no exceedances and CB-153 had no flow. 8/31/23: CCTV between DMH-567A/CB-5148 and CB-145/CB-144 completed with no flow or inlets. Salinity exceedance in CB-5148 likely due to accumulated runoff in DMH-567A standing water draining into CB-5148 since both inlets to DMH-567A were dry. 10/26/23: Construction is over. No exceedances CB-1859 12:00, CB-1860 12:00, and CB-5148 12:00. Salinity and conductivity exceedances in CB-1870 1:00, CB-1872 1:00, CB-1895 3:00/3:02, CB-1856 12:00, CB-152 3:00. CB-1858 12:00 salinity. 170-IN-47647 12:00 salinity and surfactants. CB-1873 3:00/12:00 salinity; 3:00 also ammonia (3) and surfactant (Hi) exceedance and smell of sewage. Ammonia/surfactants coming from private DMH-628B, which had a strong sewer smell. Previous testing may have been during a time when the dorms here were not in use. Salinity/conductivity still coming from upstream of CB-1856 and CB-1872. There may still be construction in or being washed into the stormwater system. Salinity exceedance US of CB-152 still coming from direction of parking garage/building. Dry and wet weather screening required. Unknown source of sewer smell in CB-1873 after 11/2/23 mapping day. Changed pipe with sewer smell to private, as originating from UNH. 11/22/23: A letter was sent to the university notifying them of the illicit connection to CB-1873. 12/4/23: No signs of an illicit connection at CB-2129 and CB-2127 during site visit. 12/7/23: There are still elevated conductivity levels at CB-152, but no follow-up is required.
IC-3:170-HE-21235	X	2023				No dry weather flow observed during IDDE investigation. Wet weather screening required.
IC-3:170-HE-21246	X	2023				No dry weather flow throughout system. Wet weather screening required.
IC-3:170-HE-21708	X	2023				Flow throughout, likely due to sump pumps. No exceedances. Dry weather screening completed. Wet weather screening required.
IC-3:170-HE-21712	X	2023				Outfall dry. Standing water in upstream assumed to be due to sand in pipes. Wet weather screening required.
IC-3:CR 74	X	2022				CB-660: Testing flow from single inlet indicated 0.10 mg/L Chlorine. 12/7/23: Could not retest at CB-660 due to stagnant standing water in inlet. Wet weather inspection required.
IC-3:PB 1	X	2023				Flow too slow to sample. Dry and wet weather screening required.
IC-4:170-HE-21708	X	2023				Flow throughout but no exceedances. Mapping inconsistencies discovered. Dry weather screening completed. Wet weather screening required. 1/29/25: mapping fixed
IC-4:170-HE-21712	X	2020				IDDE Concern: Signs of flow from 3:00 pipe at DMH-234. Flow from DMH-233, no exceedances but high surfactant reading (0.24). Signs of flow from CB-1077 and no flow from CB-1078. Recommendation: CCTV upstream from DMH-233 for source of flow. June 2022 CCTV showed no illicit connections for this system, high surfactant measurements concluded to be from seawater interference. CCTV also completed between CB-1077 and CB-1078 in June 2022.
IC-4:170-HE-21720	X	2023				Signs at interconnection likely due to infiltration. Dry upstream. Wet weather screening required.
IC-4:CR 74	X	2022				Flow at interconnection likely due to infiltration. No flow at upstream structures. Private inflow from other direction. No exceedances. Wet weather inspection required.
IC-4:ORB 3A	X	2023				Flow originating from sump pump or yard drainage, no exceedances. Dry weather screening completed. Wet weather screening required.
IC-4:WR 95	X	2023				Signs of flow likely due to sump pump or yard drainage into CB-253. Wet weather screening required.
IC-4:WS 10E	X	2023				Unable to sample since DMH-539 is buried, and CB-1279 had standing water. Flow coming from inlet and other upstream catch basins dry. Dry and wet weather screening required.
IC-5:170-HE-21301	X	2023				Flow originating from sump pumps and flooding in 24 Fern St. No exceedances. Unable to sample from many structures on Campbell Ave, other than sample at 9:00 of DMH-259A, which had no exceedances.
IC-5:170-HE-21708	X	2023				Drip at interconnection could not be sampled due to corroding grate. Only one upstream structure with signs in the outlet. Dry weather screening completed. Wet weather screening required.
IC-5:ORB 3A	X	2023				Flow originating from sump pump or yard drainage, no exceedances. Dry weather screening completed. Gray bacteria observed in 12:00 inlet of CB-1380 during dry weather outfall inspection. Wet weather screening required.
IC-6:170-HE-21235	X	2023				Signs of flow in interconnection pipe, but outlet of the structure was dry. Upstream structures were dry. Wet weather screening required.
IC-7:170-HE-21235	X	2023				Signs of flow in interconnection pipe, but outlet of the structure was dry. Upstream structures were dry. Wet weather screening required.
IC-7:ORB 3A	X	2023				Flow likely from sump pumps, no exceedances. Dry and wet weather screening required.
IC-7:PB 1	X	2023				Flow observed to originate from seeping groundwater. No exceedances. Dry weather screening completed. Wet weather screening required.
IC-7:WR 95	X	2023				Flow originating from 12:00 private inlet to DMH-301, no exceedances. Dry weather screening showed no dry weather flow. Wet weather screening required.
IC-10:170-HE-21235	X	2023				Drip at outfall too slow to sample. Drip likely due to standing water in upstream catch basin. Dry and wet weather screening required.

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NHH 1	X	2019				Review CCTV, research remediation status of Water Street property, complete additional IDDE investigations in 2020, and remove any confirmed illicit connections. 11/18/20 meeting: CCTV completed and reviewed - no issues, IDDE determined to be complete, but ask City the status of brownfield site on Water Street (former location of Connecticut Refining Company).
NHH 4	X	2023				Petroleum smell throughout. Trickle from 10:00 inlet of DMH-219 that could not sample. Could not see walls of upstream catch basin (CB-41), but there was trash and an oil sheen. City will need to open catch basin grate.
OFC 1	X	2020	X	2020	5/20/2020	No dry weather flow, no further action.
OFC 2	X	2020	X	2020	5/20/2020	No dry weather flow, no further action.
OFC 3A	X	2020	X	2024	10/22/2024	Drainage system mapping updated with recent construction area. No dry weather flow during IDDE investigation.
OFC 4	X	2020	X	2020	9/24/2020	No dry weather flow, no further action.
OFC 5	X	2022				There were two locations where ammonia and surfactants were high. The location further upstream at the intersection of Brown St and 3 rd Ave appears to be the source. Suspected to be sewage discharging into the stormwater system. CCTV on 4/4/23 showed lateral going into CB-1663 from 28 Brown Street. Building inspection/dye test recommended. Building inspection attempted by CDM Smith on 6/19/23. This property is an apartment complex and we haven't been able to get ahold of landlord (203-641-7099 Abe Kaoud). Attempted to call landlord on 6/19, 6/20 and 6/23, mailbox full. Landlord did not make appointment after mailings for December 2023 dye tests were sent out. Reinspect exceedance originating from 28 Brown Street?
OFC 6	X	2022				No dry weather flow. Unable to locate outfall. Wet weather inspection needed.
OFC 8	X	2016	X	2020	6/8/2020	No dry weather flow, no further action.
OFC 9	X	2016	X	2020	6/8/2022	No dry weather flow, no further action.
OFC 14	X	2022				Exceedance in CB-2433, unable to sample outfall. Suds observed in CB-2547, 2297, 2296, and 2301. Flow leaving CB-2292. Could not inspect CB-2566, CB-2565C, CB-2565B, CB-2565D, CB-2565G, CB-2365, CB-2309 due to leaves, roots, and debris covering the pipes. Wet weather inspection not yet completed. 12/2/22: CB-2292 surfactant exceedance 3:00 (towards 40 Bassett Street), do not need to resample CB-2547, CB- 2301, CB-2297 and CB-2296. 5/3/23: CCTV from DMG-468 to CB-2433A did not show any illicit connections. Unable to CCTV from CB-2433A to CB-2433, city to clear area. Attempted to building inspect 40 Bassett Street on 6/19/23. Homeowner was present, but stated he would call back to make an appointment. 6/26/23, homeowner has not called back. 7/20/23 Could not sample at CB-2433A due to standing water. Dye test of 40 Bassett Street attempted 12/4/23, but homeowner would not allow in due to vicious dogs. Potential follow up to retest exceedance. 1/23/25: Mike O'Brien mentioned there is a broken sewer pipe (missing bottom) near 289 Peck Ave – Could this influence OFC 14 since the stream at its outlet can flow backwards when tide comes in? Probably depends on whether gate at outfall is working.
OFC 15	X	2020				Drainage system mapping updated with recent construction in area. No dry weather flow during IDDE investigation. Complete wet weather inspection with updated mapping.
OFC 16	X	2023				No dry weather flow, no further action for IDDE field investigation. Wet weather screening required.
OFC 17	X	2022	X	2022	10/20/2022	No dry weather flow, no further action for IDDE field investigation.
OFC 19	X	2022	X	2024	6/6/2024	No dry weather flow, no further action for IDDE field investigation. Wet weather screening completed 6/6/24.
OFC 20	X	2020				IDDE Concern: Signs of illicit sanitary sewer in DMH-271. No observable flow at time of inspection, but signs of dry weather flow from pipeline coming from DMH-270. Suspect illicit sanitary lateral connection(s) between DMH-270 and DMH-271. Recommendation: City is investigating the properties on Union Ave between Smith St. and Center St.: 167 & 175 Center St, 66 Smith St, 269 Union Ave. CDM completed building inspections for 66 Smith, 165 Center Street and 269 Union Ave the week of 6/19/2023. No illicit connections observed. 175 Center Street still needs to be completed for building inspection (apartment complex, sent one letter and delivered two the week of 6/19/23). 175 Center Street was visited twice during the week of 12/4/23, with no response.
OFC 21	X	2022				No dry weather flow, no further action for IDDE field investigation. Wet weather screening required.
OFC 22	X	2023				No dry weather flow, no further action for IDDE field investigation. Wet weather screening required.
OFC 23	X	2022				Surfactant hit of 0.76 mg/L into DMH 378 from CB 2378 near the intersection of Peck Ave and Brown street. There was standing water flowing from the catch basin with an oil sheen within both the CB and downstream manhole. CCTV on 4/4/23 showed no illicit connections, only a sag in the pipe.
OFC 24	X	2022				No dry weather flow, no further action for IDDE field investigation. Wet weather screening required.
OFC 25	X	2023				Catchment is tidally influenced; pipes contain tailwater at low tide. High conductivity and salinity levels due to saltwater interference. Dry weather flow had no exceedances, no further action for IDDE field investigation. Wet weather screening required.
OR 3	X	2020				IDDE Concern: Moderate dry flow at outfall and throughout system. During 12/4/20 investigation, 12:00 inlet to CB-2904 was not flowing. System was revisited 12/7/20 to complete ammonia sample data. During revisit, dry weather flow was observed entering CB-2904 from the 12:00 inlet, sample data for this observation was collected on 12/7/20. Surfactant exceedances were observed in each sample. No flow at DMH-444. Recommendation: CCTV pipe from outfall to DMH-444 for source of flow, surfactants. March/April 2022 CCTV from city did not reveal any illicit connections. However, flow was noted to be entering somewhere within DMH-444B. City asked to raise buried manhole DMH-444B to inspect source of flow.
OR 4	X	2022	X	2022	6/24/2022	Minor flow assumed to be from groundwater. No exceedances, no further action.

Outfall/ Interconnection ID	Initiated	Year Initiated	Completed	Year Completed	Date Completed	Recommendations/Future Actions
OR 6	X	2020				IDDE Concern: Moderate dry weather flow at outfall and throughout system, several surfactant exceedances. During investigation, field crew noted small a excavation operation had been dewatering into the drain system at unnamed extension off Woodmont Rd. Upstream structure to CB-5010 unknown, dry weather flow may be entering from homes on street. Recommendation: Follow-up with the City on the dewatering at 115 Woodvale Rd. and determine whether this activity was the source of dry weather flow from 01:00 inlet to DMH-98. Inspect properties near CB-5010 for source of flow from 11:00 inlet to DMH-98: -172 Woodvale Rd - 27 Northrup Rd. Building inspection of 27 Northrup Road completed on 6/22/23, no illicit connection found.
OR 7	X	2020				IDDE Concern: Moderate dry weather flow, surfactant exceedances at outfall and throughout system. Upstream structures from DMH-104 were buried, manhole locations and pipe diameters are assumed. Recommendation: CCTV from outfall, continue upstream from DMH-104 to locate source of flow, surfactants. Inspect 87 Woodvale Rd for source of surfactants. March/April 2022 City CCTV showed many flowing connections within system. Inspect buildings in which connections are believed to originate from. Paul Butler (West Haven Compliance Inspector) inspected 111 Woodvale Road on Tuesday 4/11/23, and stated "no signs of illegal discharge" in an email. Mike and Paul stated on 6/16/23 that the line from 87 Woodvale Rd is abandoned (confirmed with a push camera) and needs to be sealed within the manhole, no additional investigation required. 101, 119, 141, 146, 152 and 158 Woodvale Road were all inspected during the week of 6/19/23 by CDM Smith, no illicit connections found. Homeowner of 164 Woodvale Road did not answer the door or make an appointment, inspection still required. Two letters in addition to the first mailing were left at 164 Woodvale Rd during the week of 6/19/23. Inspection of 172 Woodvale attempted on 6/22/23, but homeowner does not want to be alone during inspection. 172 Woodvale sent to city for assistance. Dye tests at 164 and 172 Woodvale completed on 12/5/2023, not illicit connections found.
OR 9	X	2020				Review CCTV (Dan T) and locate/repair any potential sanitary sewer breaks or cross connections. Wet weather not completed. Videos linked in Daniel Thompson's 11/18/2020 10:40am "West Haven IDDE" email to EM, LD, CB does not include OR 9. BM: "Based on the Spring 2020 memo, there were no exceedances related to a cross connection, but there was a strong scent of sanitary sewer at CB-2906. Here is a review of the video PDFs: -2-175:2-185 (6/2/20): No breaks or structural issues, no cross contamination -2-161:2-159 (8/8/18): No breaks or structural issues, no cross contamination -2-175:2-174 (8/8/18): Multiple cracks, broken pipe, spot liner, holes *upstream of where smell was. -Nothing evident of sewer going out, however there is a pipe sag. -2-176:2-175 (8/8/18): Two point repairs, one crack. *Downstream of smell -2-159:2-158 (8/8/18): One small crack, likely no cross contamination -Visit CB-2906 again to see if there is a smell. If not, investigation can be closed. If there still is, CCTV upstream of CB-2906 to see if there is any breaks within the storm pipes themselves
OR 10	X	2020	X	2020	10/27/2020	No dry weather flow, no further action.
OR 11	X	2020	X	2023	7/6/2023	Flow, no exceedances, no further action.
OR 13	X	2022				No dry weather flow, no further action. Wet weather not completed.
OR 15	X	2022	X	2022	5/10/2022	Tailwater throughout system, no flow observed. No further action.
OR 28	X	2020				IDDE Concern: Dry weather flow, surfactant exceedances appear to originate from property directly behind CB-3004 (12:00 inlet). Recommendation: Inspect 13 Woodridge Rd for potential illicit connection, determine conductivity to CB-3864. Building inspection of 13 Woodridge Rd completed on 6/19/23. No illicit connections found during inspections, unresolved exceedance. Property owner of 13 Woodridge stated that a high volume of runoff goes into system from neighboring streets that are at a higher elevation.
OR 29	X	2020	X	2022	11/29/2022	IDDE Concern: Surfactant exceedances from two potential sources. Recommendation: Inspect 315 Morgan Lane (Apple Oil) property with private connection to CB-3326. CCTV to locate source of surfactants between CB-3334 and CB-3338. June 2022 CCTV of CB-3334 to CB-3338 showed no illicit connections. However, flow was seen in CCTV to originate from 3:00 pipe in CB-3338, which was not observed in initial IDDE investigation. Returned to catchment on 11/29/22, sampled 3:00 inlet from CB-3338. No exceedances were found, no further action.
OR 29A	X	2020	X	2022	5/19/2022	IDDE Concern: Moderate flow at outfall. Several private connections into catch basins along road possibly drain from railroad, majority were flowing during dry weather. Significant overland flow observed entering CB-3105 on multiple occasions. Elevated conductivity levels in CB-3106 do not require follow-up.
OR 29C	X	2020				No exceedances, no further action. Wet weather screening required.
OR 29D	X	2020				No exceedances, no further action. Wet weather screening required.
OR 29G	X	2020				No exceedances, no further action. Wet weather screening required and updated IDDE investigation required.
OR 29H	X	2020				Surfactant exceedance, Inspect 315 Morgan Lane (Apple Oil) property with private connection to CB-3326. Wet weather screening required.
OR 29I	X	2020				IDDE Concern: Surfactant exceedances from two potential sources. CCTV to locate source of surfactants between CB-3334 and CB-3338. June 2022 CCTV of CB-3334 to CB-3338 showed no illicit connections. However, flow was seen in CCTV to originate from 3:00 pipe in CB-3338, which was not observed in initial IDDE investigation. Returned to catchment on 11/29/22, sampled 3:00 inlet from CB-3338. No exceedances were found, no further action. Wet weather screening required.

Outfall/ Interconnection ID	Initiated	Year Initiated	Completed	Year Completed	Date Completed	Recommendations/Future Actions
OR 29J	X	2020				No exceedances, no further action. Wet weather screening required.
OR 32	X	2022	X	2022	6/14/2022	Minor flow assumed to be from groundwater. No exceedances, no further action.
OR 33	X	2020	X	2022	6/30/2022	IDDE Concern: Moderate flow, significant groundwater infiltration throughout system. System conveys overland flow from two inlets (open pipes) in backyard. Recommendation: CCTV pipe upstream from CB-3278 (between 43 & 55 Morrissey Ln) to the backyard inlet structure for potential illicit connection. June 2022 CCTV showed no illicit connection, just some groundwater infiltration and flow from inlet. No further action. Mike O'Brien from West Haven noted that 56 Morrissey Lane has an outdoor shower that could contribute surfactants into the system. Potentially influenced by OR 34.
OR 34	X	2022				Signs of dry weather flow, revisit and complete additional IDDE. Sandbagging conducted on 4/4/23 for signs of dry weather flow in CB-5241, CB-3280 and OR 34. Only flow observed in OR 34, with surfactant hit. CCTV recommended OR 34. 8/30/23 CCTV: Nothing found upstream of DMH-3279A, could not CCTV all the way down to outfall. Owner of 824 Sawmill Rd angry about people being on his property. 12/4/23, attempted building inspection of 824 Sawmill Road with Mike O'Brien, but homeowner would not allow us inside. While at catchment area, Mike O'Brien noted that neighboring property 816 Sawmill Road has frequent wet-weather related overflows and potentially had a lateral replacement recently. Mike O'Brien to look into property further to see if he can find any mor information. If no further information is found, dye test required for 816 Sawmill Road. Building inspection recommendation for 824 Sawmill Road removed due to insight from Mike. An illicit connection in this catchment could flow into downstream catchment OR 33.
OR 43	X	2022	X	2024	4/1/2024	Signs of dry weather flow, revisit and complete additional IDDE. 4/4/23, sandbagging completed on OR 43 for signs of flow. Flow observed and recorded, but there were no exceedances. Investigation completed. Wet weather screening completed.
OR 46	X	2022	X	2024	4/1/2024	No dry weather flow, no further actions for IDDE field investigation. Wet weather screening completed.
OR 47	X	2022	X	2022	6/24/2022	No dry weather flow, no further actions.
OR 49	X	2023	X	2023	5/9/2023	Surfactant exceedance in CB-5181. There were no structures upstream of CB-5181 that could be inspected and weren't blind connecting catch basins (which all didn't have flow). Dry and wet weather outfall inspections have already been completed. 4/5-6/23: CCTV revealed no illicit connections upstream of DMH-575, or between CB-5181 and DMH-576. CCTV could not be completed between DMH-576 and DMH-575 as both manholes were buried.
OR 50	X	2022	X	2022	6/15/2022	No dry weather flow, no further actions.
OR 51	X	2022	X	2022	6/15/2022	Drip at outfall with no hits, no further actions.
OR 52	X	2022				No dry weather flow, no further actions for IDDE field investigation. Wet weather screening required.
OR 80	X	2020				IDDE Concern: Signs of dry weather flow, oil sheen observed in two upstream catch basins, no active flow. 4/4/23 sandbagging results of CB-2962 and CB-2963 resulted in flow, and surfactant/ammonia exceedances. CCTV recommended from CB-2962 to CB-2964. 8/30/23: CCTV completed, private inlets from 71 and 75 Down Draft Circle found. 12/7/23: Dye testing completed at 75 Down Draft Circle, no illicit connections found. Homeowner of 71 Down Draft Circle refused entry. CB-2963 was investigated, but the inlet had signs of flow that could not be sampled without sandbagging.
OR 81	X	2023				No dry weather flow, no further actions for IDDE field investigation. Wet weather screening required.
OR 82	X	2022	X	2022	6/24/2022	No dry weather flow, no further actions.
OR 83	X	2020	X	2020	6/1/2020	Dry weather flow results were below water quality thresholds - no further action.
OR 85	X	2022	X	2022	6/15/2022	No dry weather flow, no further actions.
OR 86	X	2020	X	2023	3/31/2023	IDDE Concern: Moderate dry weather flow at outfall, some surfactant exceedances in the system. Recommendation: CCTV drainage system to determine source of flow, surfactants. National Water Main CCTV in June 2022 showed flow originating from pipe segment between CB-2943 and an unknown node. CCTV was incomplete, as roots resulted in an abandoned survey. Additional heavy cleaning and CCTV recommended for pipe segment were CCTV was incomplete. 3/31/23: CCTV completed on pipe segment upstream of CB-2943. No illicit connections or upstream structures were found. The pipe was capped at the end and debris was flowing down the pipe. The City may need to cap this properly to prevent a sink hole.
OR 93	X	2022	X	2022	10/20/2022	No dry weather flow, no further actions.
OR 94	X	2022				Illicit connection suspected between CB-3064 and CB-3062, likely groundwater infiltration between CB-6062 and CB-3061. 3/31/23: CCTV completed between CB-3062 and CB-3064. Lots of infiltration, but no illicit connections found.
OR 95	X	2022				Oily at outfall but no dry weather flow. Revisit catchment to complete additional IDDE dry weather inspections on upstream catch basins. Revisited catchment on 11/29/22, completed comprehensive IDDE dry weather inspection. Wet weather outfall inspection required.
OR 96	X	2022				Observed flow likely private PVC connection. CCTV from DMH-166 to DMH-160 and CB-3097 to CB-5473 to locate potential illicit connection. 4/6/23: CCTV from DMH-166 to DMH-160 and CB-3097 to CB-5473 showed no potential illicit connections in the pipes. However, there were private connections into CB-5473 that could be the source of the surfactant exceedance. 5/2/23: CCTV from CB-3070 to CB-3069 showed no potential illicit connections that could be the source of salinity exceedance. Building inspection partially completed on 6/20/23. Main bathrooms connected to sewer, but bathroom and prep sink on left wing of building did not have observed dye after 45 minutes of waiting. Building plans did not show any addition, Lindsey to send property to Mike O'Brien from West Haven for more property information. Mike O'Brien and city engineer did not have additional information about the property.

Outfall/ Interconnection ID	Initiated	Year Initiated	Completed	Year Completed	Date Completed	Recommendations/Future Actions
OR 98	X	2022				Flow observed at outfall, conductivity exceedance. Determine source of 3:00 inlet to CB-4029 which is the source of flow, unable to sample at catch basin. Sandbagging on 4/4/23 at 3:00 inlet showed surfactant and salinity exceedance. CCTV 3:00 inlet of CB-4029. 8/30/23 CCTV: no inlets found. Capped with a gabion (rocks held back with a wire fence).
OR 99	X	2022	X	2022	10/20/2022	Unable to sample flow at outfall, but upstream samples of flow had no exceedances. No further action.
OR 100	X	2022	X	2024	4/1/2024	Unable to locate outfall but upstream catch basin had no flow. Wet weather inspection completed.
OR 101	X	2023				No dry weather flow, no further actions for IDDE field investigation. Wet weather screening required.
OR 102	X	2023	X	2024	4/1/2024	No dry weather flow, no further actions for IDDE field investigation. Wet weather screening completed.
OR 103	X	2023	X	2024	4/1/2024	No dry weather flow, no further actions for IDDE field investigation. Wet weather screening completed.
OR 104	X	2022	X	2024	4/1/2024	Flow observed through catch basins in the middle of the system. CB 2981, 2982, and 2980 all had a rancid smell suspected to be from a dead animal due to the presence of many flies and maggots in CB 2981. There was still a smell upstream and testing the flow resulted in 0.25 mg/L Ammonia. Returned to catchment on 11/29/22 to follow up on smell/exceedance. Smell was gone, and there was no flow/exceedance in CB-2982, which previously had an ammonia elevation. Wet weather inspection from 5/19/22 has no results on ArcGIS, new inspection possibly required. Outfall location moved from assumed location to verified location in January 2023. Updated IDDE investigation completed from new mapping, exceedance found at CB-2989. CCTV between CB-2989 and CB-3001. 3/31/23: CCTV between CB-2989 and CB-3001 revealed no illicit connections. CCTV upstream of CB-3001 revealed three illicit connections. Wet Weather inspection required. Building inspection of 5 and 9 Twin Circle Road completed on 6/19/23. No illicit connections found during inspections, unresolved exceedance. Both property owners noted that Oyster River is right behind their houses, and the exceedance could be from groundwater infiltration here, or the fact that the properties were built on an old dump site. Confirmed by the City Engineer on 7/26/23 that catchment was built on an old dump site, reasoning for exceedances. Updated wet weather inspection completed.
OR 104A	X	2022	X	2024	4/1/2024	IDDE for structures completed in part of OR 104 investigation, when believed there was only one outfall. Updated IDDE investigation required and completed for new mapping. Exceedance found in CB-2980. CCTV between CB-2980 and CB-2979. CCTV showed no illicit connections. Wet weather inspection completed.
OR 105	X	2023				Flow originating from private catch basin. Surfactant exceedance observed at the outfall, CCTV recommended from OR 105 to CB-3289.
OR 107	X	2022	X	2024	4/1/2024	No dry weather flow, no further actions. Wet and dry weather screenings completed.
OR 108	X	2022	X	2024	4/1/2024	No dry weather flow, no further actions for IDDE field investigation. Wet weather screening completed.
OR 109	X	2022	X	2024	4/1/2024	CB 2830 – 12:00 Inlet: Testing flow from inlet at 12:00 resulted in an ammonia hit of 1.0 mg/L. Outlet at upstream structure (CB 2821) was dry indicating a possible illicit connection in between the two catch basins. CCTV between CB 2830 and CB 2821. CB 2830 – 3:00 Inlet: Testing flow from inlet at 3:00 showed no exceedance, outlet at upstream structure was dry - no further action . 3/31/23: CCTV between CB 2830 and CB 2821 revealed lots of infiltration and debris, but no illicit connections. Ammonia exceedance may have been due to pooling water and sediment right before CB-2830.
OR 110	X	2022	X	2024	4/1/2024	Flow at outfall, no flow upstream, no exceedances at the outfall. No further actions for IDDE field investigation. Wet weather screening completed.
OR 111	X	2022	X	2024	4/1/2024	Flow throughout system suspected from wetlands, no exceedances. No further actions for IDDE field investigation. Wet weather screening completed.
OR 118	X	2022	X	2024	4/1/2024	Unable to locate outfall, flow upstream originating from Yale Commons. No exceedances, no further actions for IDDE field investigation. Wet weather screening completed.
OR 119	X	2022				Flow originating from private connection at 24 Donna Ln. Dye test/ building inspection completed by Paul Butler (West Haven Compliance Inspector) on 4/11/23 for 24 Donna Lane. No illicit discharges found during inspection. Wet weather inspection required.
OR 120	X	2022	X	2022	12/19/2022	No dry weather flow, no further actions for IDDE field investigation.
OR 121	X	2023	X	2024	4/1/2024	No dry weather flow, no further actions. Wet and dry weather screenings completed.
OR 122	X	2022	X	2024	4/1/2024	Flow throughout system from groundwater, no exceedances. No further actions for IDDE field investigation. Wet weather screening completed.
OR 123	X	2022	X	2024	4/1/2024	Flow originating from Yale Commons, no exceedances. No further actions for IDDE field investigation. Wet weather screening completed.
OR 124	X	2023				Flow throughout, likely due to infiltration, no exceedances. Wet weather screening required.
OR 125	X	2023				Flow throughout assumed to be from groundwater, no exceedances. No further actions for IDDE field investigation. Wet weather screening required.
OR 126	X	2023				Flow throughout assumed to be from groundwater, no exceedances. No further actions for IDDE field investigation. Wet weather screening required.
OR 126A	X	2023				Flow throughout assumed to be from groundwater as there was infiltration throughout, no exceedances. No further actions for IDDE field investigation. Dry weather inspection completed. Wet weather screening required.
OR 126C	X	2023				Dry weather inspection completed. Flow throughout system until CB-3171. Flow from private 10" PVC pipe at CB-3171, no exceedances found.
OR 126D	X	2023				Flow throughout, salinity exceedance at CB-3165 3:00. Dog waste bags in CB-3165. City notified citizens to not dispose of pet waste in catch basins. Wet weather screening required. 8/30/23: CCTV between CB-3165 and CB-3164 found they connected but there were no inlets. Dry weather inspection completed.
OR 126E	X	2023				Flow from CB-3821 to CB-3825, no exceedances. Dry weather inspection completed. Wet weather inspection required. 8/30/23: CCTV between CB-3165 and CB-3164 found they connected but there were no inlets.

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OR 126F	X	2023				Dry weather inspection completed.
OR 127	X	2023				Signs of flow at outfall likely due to standing water in upstream catch basin. Outfall was dry during dry weather outfall inspections. No further actions for IDDE field investigation. Wet weather screening required.
ORB 3	X	2022	X	2023	10/4/2023	Surfactant hit between ORB 3 and CB-5558. Most of the flow is coming from inlet at the top of the system. CCTV and dye testing completed in upstream catchments (ORB 3A and ORB 3C). No illicit connections found. Confirmed by the City Engineer on 7/26/23 that neighborhood used to be an old farm, reasoning for exceedances.
ORB 3A	X	2022				Surfactant hit at DMH-113, from DMH-195. Surfactant and conductivity hit at DMH-195 leading from CB-1187. CCTV on 4/4/23 showed private connection going into CB-1187. Building inspection of 207 South Street completed on 6/20/23. No illicit connections found during inspections, unresolved exceedance. Confirmed by the City Engineer on 7/26/23 that neighborhood used to be an old farm, reasoning for exceedances. Wet weather screening required.
ORB 3B	X	2022				No dry weather flow, no further action. Wet weather screening required.
ORB 3C	X	2022				Surfactant and Ammonia hit at CB-1239, coming from CB-1239A. Most of the flow is coming from two inlets at the top of the system. CCTV on 4/4/23 showed private connection going into CB-1239A. Building inspection at 2 Peppermill Drive completed on 6/19/23. No illicit connections found during inspections, unresolved exceedance. Property owner of 2 Peppermill Drive stated that black PVC pipes going into CB-1239A are city drainage from a nearby retention pond up the street. Confirmed by the City Engineer on 7/26/23 that neighborhood used to be an old farm, reasoning for exceedances. Wet weather screening required.
ORB 3E	X	2022				Surfactant hit at CB-1217, leading from CB-1216. CCTV between CB-1217 and CB-1216 showed no illicit connections, some pipe deformities. Confirmed by the City Engineer on 7/26/23 that neighborhood used to be an old farm, reasoning for exceedances. Wet weather screening required.
ORB 3F	X	2022				No dry weather flow, no further action. Wet weather screening required.
ORB 3G	X	2022				Flow likely from infiltration due to low flow rate. No exceedances, no further action. Wet weather screening required.
ORB 4	X	2022	X	2024	4/1/2024	No dry weather flow, no further actions for IDDE field investigations. Wet weather screening completed.
ORB 6	X	2022	X	2024	4/1/2024	Flow and surfactant hit of 0.26 at CB-1180. Dry at upstream structure. CCTV pipe segment between CB-1180 and CB-1429. CCTV showed no illicit connections. Wet weather screening completed.
ORB 8	X	2022	X	2022	6/14/2022	Minor flow assumed to be from groundwater. No exceedances, no further action.
ORB 9	X	2022				Standing water at outfall due to leaves, no further actions for IDDE field investigation. Wet weather screening required.
ORB 14	X	2022	X	2024	4/1/2024	No dry weather flow, no further actions for IDDE field investigation. Wet weather screening completed.
ORB 16	X	2022				Trickle through system, no hits, no further actions for IDDE field investigation. Wet weather screening required.
ORB 17	X	2022				Trickle through system, no hits, no further actions for IDDE field investigation. Wet weather screening required.
ORB 18	X	2023				Signs of flow throughout. Wet weather inspection required.
ORB 19	X	2023				Occasional flow assumed to be from draining standing water, no exceedances, no further actions for IDDE field investigation. Dry weather screening completed. Wet weather screening required.
ORB 20	X	2023				No dry weather flow, no further actions for IDDE field investigation. Dry weather screening completed. Wet weather screening required.
ORB 21	X	2023				Flow assumed to be from draining standing water, salinity exceedance at outfall. No salinity exceedance at outfall when tested during IC-1:170-HE-21720 investigation (DMH-623 7:00). Dry weather screening completed. Wet weather screening required.
ORB 22	X	2023				Flow assumed to be from infiltration, no exceedances, no further actions for IDDE field investigation. Dry weather screening completed. Wet weather screening required.
ORB 23	X	2023				Trickle in downstream part of catchment assumed to be from infiltration, no exceedances, no further actions for IDDE field investigation. Dry weather screening completed. Wet weather screening required.
ORB 24	X	2023				No dry weather flow, no further actions for IDDE field investigation. Dry weather screening completed. Wet weather screening required.
ORB 25	X	2023				No dry weather flow, no further actions for IDDE field investigation. Dry weather screening completed. Wet weather screening required.
PB 1	X	2023				Flow, only able to sample one inlet in DMH-451, no exceedance. Discovered mapping issues. 11/2/23: mapping issues resolved, existing investigation inlet directions work with correct mapping. Dry weather inspection completed 4/22/24.
RB 2	X	2018	X	2023	7/31/2023	March/April 2022 City TV showed tap break in intrusion, leading from 120 Aimes Drive. Building inspection of 120 Aimes Drive completed on 6/21/23. No illicit connections found, unresolved exceedance. Additional IDDE investigation with test results completed on 7/25/23 and 7/31/23, no exceedances observed. Due to update testing showing no exceedances, unresolved exceedance status was removed.
RB 5	X	2022	X	2022	6/24/2022	No dry weather flow, no further action.
RB 6	X	2022	X	2022	6/24/2022	No dry weather flow, no further action.
RB 7	X	2022	X	2022	6/24/2022	No dry weather flow, no further action.
RB 21	X	2020	X	2020	7/15/2020	No dry weather flow, no further action.
RB 22	X	2022	X	2022	6/15/2022	No dry weather flow, no further action.

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RB 31	X	2022	X	2022	6/24/2022	No dry weather flow, no further action.
RB 35	X	2023	X	2023	3/10/2023	No dry weather flow, no further action. Signs are assumed to be from the back up of standing water from the CBs into the pipe inverts
RB 36	X	2023				No dry weather flow, IDDE investigation complete. Wet weather screening required.
SR 2	X	2023	X	2023	12/28/2023	High surfactant exceedance (1.21) was observed in the 3:00 inlet of DHM-466, and in 12:00 inlet of CB-2203 (0.57). There was a trickle from the 3:00 inlet of the upstream catch basin CB-2177 and signs from 12:00. Unfortunately, we were unable to open the catch basins in the area as they were fused shut. We were only able to successfully sample in the private catch basin upstream of CB-2176, and there was not a surfactant exceedance there. The surfactant exceedance in DMH-466 could have been due to the fact that it was salt water (Conductivity = 17,730uS). Both CB-2177 and CB-2182 had water on the bottom - called it signs, no flow was observed. Surfactant exceedance in the 12:00 inlet of DMH-336, due to saltwater influence. CCTV was completed upstream of DMH-336 and DMH-466. No connections were found. This catchment is tidally influenced, causing high conductivity and salinity levels. Saltwater interference and high conductivity were assumed to be the causes for the surfactant exceedances. Dry and wet weather outfall inspections have been completed.
SR 3	X	2020	X	2023	11/22/2023	Original recommendation was to CCTV to locate source of flow. Upon revisit for mapping, CDM Smith realized this area is partially private (but outfall is public). City to notify condo owner for complex on West Walk of exceedances of ammonia and surfactants in system, potential illicit connection. Most high surfactant readings likely due to saltwater in sample. 11/22/23: Letter sent to notify condo owner for complex on West Walk of exceedances of ammonia and surfactants in system (letter was for between DMH-455 and CB-2276), potential illicit connection (previously thought this needed CCTV, but this area is private)
SR 5	X	2020	X	2020	10/9/2020	No dry weather flow, no further action. CDM Smith revisited, determined receding tailwater was cause of flow.
SR 6	X	2020	X	2022	6/30/2022	CCTV to locate source of flow. June 2022 CCTV from National Water Main showed no illicit connections. Outfall is close to ocean, so exceedances are believed to originate from seawater interference. Surfactant exceedances often happen with high conductivity levels, and ammonia can be impacted by wildlife.
SR 10	X	2022				No dry weather flow, no further action.
WR 1	X	2023				Flow and standing water throughout assumed to be from groundwater infiltration and inlets. Elevated salinity levels in CB-5118 9:00, does not require follow-up. Surfactant readings at 1:00 and 3:00 needed in CB-277. 8/9/23: took sample from 1:00 but 3:00 was only signs. Wet weather screening required.
WR 2	X	2022	X	2022	6/29/2022	No dry weather flow, no further action.
WR 3	X	2020	X	2020	5/28/2020	No dry weather flow, no further action.
WR 4	X	2018	X	2019	11/15/2019	2018 - CCTV to locate source of flow. Task order under next fiscal year will include another visit to this outfall. 2019 - No further action.
WR 12	X	2020	X	2020	5/20/2020	No dry weather flow, no further action.
WR 13	X	2022				No dry weather flow, no further action for IDDE field investigation. Wet weather inspection needed.
WR 14	X	2022				No dry weather flow, no further action for IDDE field investigation. Wet weather inspection needed.
WR 18	X	2022				No dry weather flow, no further action. New wet weather screening required.
WR 20	X	2023				Surfactant hits between CB-140 and CB-141, CB-137 and CB-135, and CB-137 to CB-139, which all will require CCTV. Surfactant exceedance at 10:00 and 2:00 private inlets in CB-136, building inspections required at 38 Lydia St and 69 Lydia St. Flow throughout system originating from state drainage on Route 1, as well as an unknown source of flow upstream of CB-127 where mapping is incomplete. Mapping CCTV already requested upstream of CB-127. When mapping CCTV is completed, review footage and determine source of flow. 4/3/23: CCTV between CB-140 and CB-141 revealed no illicit connections and the pipe was in good shape. CCTV between CB-137 and CB-135 revealed lots of damage and infiltration but no illicit connections. There was asphalt in the pipe between CB-135 and CB-5147. CCTV between CB-137 and CB-139 revealed an illicit connection in the direction of 48 Lydia St. Building inspection of 69 Lydia Street was completed on 6/22/23, and an illicit connection from the basement sink to CB-136 was found. City has been notified and connection needs to be removed. During inspection of 69 Lydia Street, foaming root cleaner was found next to sink. Homeowner of 48 Lydia Street was unreachable on 6/22/23, left letter. Homeowner of 39 Lydia Street is waiting for an appointment to be made for inspection. Dye test attempted on 12/4/23 at 48 Lydia Street, but homeowner denied access due to health issues. Owner of 48 Lydia Street said it was okay to attempt another inspection in Spring 2024, contact phone number is (203) 559-9079. Dye test completed at 39 Lydia Street on 12/7/23; no illicit connections were found. Illicit connection at 69 Lydia Street removed on 3/12/2024 and confirmed by West Haven compliance inspector.
WR 21	X	2022				No dry weather flow, no further action for IDDE field investigation. Wet weather inspection needed.
WR 22	X	2022	X	2022	6/24/2022	Some dry weather flow at top of system due to inlets conducting groundwater/surface water from hill. Surfactant hit of 0.25 at CB-222. Plans to retest to verify that there was not a user error when testing surfactants. Retested on 6/24/22, no hit for surfactants, closed system.
WR 31	X	2022	X	2022	6/24/2022	No dry weather flow, no further action.
WR 33	X	2020				No dry weather flow, no further action. 8/31/23 CCTV showed this outfall connects to DMH-130 instead of CB-878. Recompleted IDDE investigation on 9/20/2023 with new mapping. Exceedances of ammonia, surfactants, salinity and conductivity in 2:00 pipe of DMH-139, heading to CB-5099. Could not access CB-5099 due to wasps. Exceedances likely due to dead animal, West Haven to try and remove bees/clean CB-5099. CCTV recommended from DMH-139 to CB-5099 if nothing is cleaned/found in CB-5099.

Outfall/ Interconnection ID	Initiated	Year Initiated	Completed	Year Completed	Date Completed	Recommendations/Future Actions
WR 34	X	2018, 2019	X	2019	10/24/2019	2018 - Review updated drawings to update mapping. 2019 - No further action.
WR 34D	X	2018, 2019				2018 - Review updated drawings to update mapping. 2019 - No further action. Wet weather screening required.
WR 34K	X	2018, 2019				2018 - Review updated drawings to update mapping. 2019 - No further action. Wet weather screening required.
WR 34L	X	2018, 2019				No dry weather flow, no further action. Wet weather screening required.
WR 34M	X	2018, 2019				No dry weather flow, no further action. Wet weather screening required.
WR 35	X	2020	X	2020	5/21/2020	No dry weather flow, no further action.
WR 41	X	2022	X	2024	3/5/2024	No dry weather flow, no further action.
WR 49	X	2022				No dry weather flow, no further action.
WR 54	X	2023	X	2023	2/6/2023	Flow from inlet at top of system, with no exceedances. Dry and wet weather inspections have been completed.
WR 54A	X	2023	X	2024	6/6/2024	Flow throughout, yellow in color from wetlands inlet upstream of CB-737, with no exceedances. Wet weather inspection completed 6/7/2024.
WR 58	X	2022	X	2023	12/7/2023	Conductivity exceedance at CB-706 likely due to sediment/salt from parking lot, as no upstream exceedances were seen. 0.26 surfactant exceedance from 1:00 inlet in DMH-35, which leads to private apartment complex. Resampled DMH-35 1:00 inlet and there was no exceedance.
WR 74	X	2023				Flow throughout assumed to be from sump pumps and infiltration, no exceedances. Wet weather screening required.
WR 75	X	2020	X	2020	11/19/2020	Follow-up investigation performed, no signs of dry weather flow observed. No dry weather flow. No further action.
WR 83	X	2023				No dry weather flow during IDDE investigation, no further action. Wet weather screening required.
WR 84	X	2023				No dry weather flow, no further action.
WR 85	X	2023				No dry weather flow, no further action. Wet weather screening required.
WR 86	X	2023				No dry weather flow, no further action. Wet weather inspection required.
WR 87	X	2022				No dry weather flow, no further action.
WR 88	X	2022				No dry weather flow, no further action.
WR 89	X	2022	X	2024	6/6/2024	No dry weather flow, no further action. Wet weather inspection completed 6/6/24.
WR 90	X	2023	X	2024	6/6/2024	Flow throughout system assumed to originate from groundwater infiltration, or drainage from upstream catch basins with standing water. Slight salinity exceedance at outfall assumed to be from road salt runoff, investigation complete. Wet weather screening completed 6/6/24.
WR 92	X	2023				No dry weather flow, no further actions for IDDE field investigation. Wet weather screening required.
WR 93	X	2022	X	2024	6/6/2024	No dry weather flow, no further action. Wet weather inspection completed 6/6/24.
WR 94	X	2022				Signs of dry weather flow, revisit and complete additional IDDE. 4/4/23- MCA conducted sandbagging at 9:00 inlet of CB-911 that had signs of flow. Flow showed surfactant and chlorine exceedance. Building inspection/dye test recommended for 232 Front Ave. Building inspection attempted week of 6/19/23, new catch basin found. After analyzing new mapping, building inspection not required, as hits likely due to highly industrial area around catchment. Owner of 232 Front Ave states that 220 Front Ave frequently washes vehicles in the parking lot, which creates runoff. Wet weather screening required.
WR 96	X	2023				Flow and standing water throughout assumed to be from groundwater, no exceedances. Wet weather screening required.
WR 97	X	2023				Flow assumed to be from infiltration, no exceedances. Lots of trash in structures. Communicated with the city about the need for clearing of trash from storm structures and for signage to remind the public. Wet weather screening required.
WR 98	X	2023				No dry weather flow, no further action. Wet weather inspection required.
WR 100	X	2023				No dry weather flow, no further action. Wet weather inspection required.
WS 2	X	2020	X	2023	12/21/2023	IDDE Concern: Could not access outfall. Flow is entering system from drainage swale running alongside street. Outfalls that discharge to the swale upstream have ongoing IDDE concerns. Dry weather IDDE flow results were below water quality thresholds for this catchment. - Evaluate broken drain line entering DMH 180.
WS 5	X	2019	X	2020	11/18/2020	Flow throughout, likely from drainage swale alongside Colonial Blvd., but testing not complete on most structures due to not being able to access catch basins. Dry and wet weather inspections complete.
WS 6	X	2019	X	2020	11/18/2020	No flow. Dry and wet weather inspections complete.
WS 8	X	2018, 2019				Salinity exceedance during outfall dry weather inspection. Investigate the two unknown connections to DMH 221. If necessary, complete building inspections and dye testing at surrounding properties. Uncover or raise buried drain manholes (DMH 538, and DMH 221) 2023 - Building inspection of 191 Milton Ave completed on 6/20/23, no illicit connections found. Building inspection of 201 Milton Avenue attempted on 6/20/2023, but homeowner would not let CDM Smith in to inspect. Property given to City for assistance. Building inspection of 201 Milton Avenue not attempted on 12/4/23, as letter sent to wrong property (191). City employee believes there could be an illicit connection at 201 Milton Avenue from washing machine in basement. Dye test/building inspection to occur here with city employee present.

Outfall/ Interconnection ID	Initiated	Year Initiated	Completed	Year Completed	Date Completed	Recommendations/Future Actions
WS 9	X	2018, 2019	X	2020	11/18/2020	2018 - CCTV to locate source of flow. Flow up to CB-1550 but unable to sample any flowing catch basins due to lack of access. Dry and wet weather inspections complete.
WS 10E	X	2019	X	2020	11/18/2020	- Complete building inspections and dye test sewer laterals at 271, 277, 283, and 289 Colonial Boulevard. - Uncover or raise buried drain manholes (DMH 224) - Remove any confirmed illicit connections. Dry and wet weather inspections complete. Flow throughout system with elevated surfactant readings.
WS 10W	X	2019	X	2020	11/18/2020	Dry and wet weather inspections complete. Flow throughout system coming from direction of WS 10E.
WS 11	X	2022	X	2022	6/29/2022	Slight flow assumed to be from groundwater. No exceedances, no further action.
WS 16	X	2023				No dry weather flow, no further action. Wet weather inspection required.
Total Initiated	344	Total Completed	148			

ATTACHMENT E

CATCHMENT INFORMATION:

**IMPAIRED WATERS
LATITUDE/LONGITUDE
PRIORITY RANKING
SYSTEM VULNERABILITY FACTORS**

Outfall/ Interconnection ID	Discharges to Impaired Water	Latitude	Longitude	Priority	System Vulnerability Factors
CR 23	N	41.28518225	-72.97462333	1	sewer and storm system > 40 years old
CR 64	N	41.26848192	-72.95908595	1	sewer and storm system > 40 years old
CR 114	N	41.27723065	-72.96969013	1	sewer and storm system > 40 years old
CR 117A	N	41.26193338	-72.96418686	1	sewer and storm system > 40 years old
CR 128	Y	41.27074415	-72.96666595	1	sewer and storm system > 40 years old
DMH-467B	N	41.26617909	-72.94782509	1	sewer and storm system > 40 years old
DMH-567B	N	41.29362254	-72.96634891	1	sewer and storm system > 40 years old
IC-2:RB 32	Y	41.24057557	-72.97141933	1	sewer and storm system > 40 years old
IC-2:WR 95	N/A	41.28965804	-72.95906506	1	sewer and storm system > 40 years old
OFC 1	N	41.26357639	-72.93244225	1	sewer and storm system > 40 years old
OR 124	N	41.24114192	-72.99141461	1	sewer and storm system > 40 years old
WR 93	N	41.30146029	-72.96101881	1	sewer and storm system > 40 years old
CR 3	Y	41.25809377	-72.96047224	2	sewer and storm system > 40 years old
CR 18	Y	41.25651305	-72.95988925	2	sewer and storm system > 40 years old
CR 59	N	41.27190731	-72.96836432	2	sewer and storm system > 40 years old
CR 92	Y	41.25734313	-72.96098356	2	sewer and storm system > 40 years old
CR 122	N	41.26641497	-72.97337075	2	sewer and storm system > 40 years old
CR 130	Y	41.26437812	-72.9704981	2	sewer and storm system > 40 years old
CR 153	N	41.25912503	-72.96060809	2	sewer and storm system > 40 years old
NHH 4	Y	41.28141819	-72.93899556	2	sewer and storm system > 40 years old
OFC 3A	Y	41.26819438	-72.93310491	2	sewer and storm system > 40 years old
OFC 4	Y	41.2729777	-72.93648594	2	sewer and storm system > 40 years old
OR 10	Y	41.23689327	-72.99225634	2	sewer and storm system > 40 years old
OR 29A	N	41.25309696	-72.98782936	2	sewer and storm system > 40 years old
OR 96	N	41.2591267	-72.98018461	2	sewer and storm system > 40 years old
OR 120	N	41.25886051	-72.98109691	2	sewer and storm system > 40 years old
ORB 8	N	41.24973269	-72.9807318	2	sewer and storm system > 40 years old
RB 21	Y	41.23670248	-72.97245686	2	sewer and storm system > 40 years old
RB 22	Y	41.23699714	-72.972179	2	sewer and storm system > 40 years old
SR 2	Y	41.2550064	-72.9500266	2	sewer and storm system > 40 years old
SR 3	Y	41.25597803	-72.94690836	2	sewer and storm system > 40 years old
SR 5	Y	41.25724013	-72.94167512	2	sewer and storm system > 40 years old
SR 6	Y	41.25813046	-72.93805422	2	sewer and storm system > 40 years old
WR 12	Y	41.28943837	-72.94448904	2	sewer and storm system > 40 years old
WR 20	N	41.28802243	-72.96713054	2	sewer and storm system > 40 years old
WR 22	N	41.29347899	-72.96848296	2	sewer and storm system > 40 years old
WR 33	Y	41.30015543	-72.95473213	2	sewer and storm system > 40 years old
WR 34	Y	41.29991705	-72.95383508	2	sewer and storm system > 40 years old
WR 35	Y	41.29985251	-72.95375839	2	sewer and storm system > 40 years old
WR 75	Y	41.28824136	-72.94969015	2	sewer and storm system > 40 years old
CR 65	N	41.27592762	-72.95939033	3	sewer and storm system > 40 years old
CR 102	N	41.29693733	-72.97889077	3	sewer and storm system > 40 years old
CR 117	N	41.26144956	-72.96153381	3	sewer and storm system > 40 years old
CR 145	N	41.26942493	-72.95898448	3	sewer and storm system > 40 years old
IC-1:170-HE-21551	N/A	41.23473686	-72.97693248	3	sewer and storm system > 40 years old
IC-1:170-HE-21714	N/A	41.23515428	-72.97959377	3	sewer and storm system > 40 years old
IC-1:CR UKN 3	N/A	41.27190739	-72.95799962	3	sewer and storm system > 40 years old
IC-1:CR UNK 13	N/A	41.27219263	-72.95601617	3	sewer and storm system > 40 years old
IC-1:RB 32	N/A	41.23935401	-72.97202146	3	sewer and storm system > 40 years old
IC-2:170-HE-21720	N/A	41.23999978	-72.98465989	3	sewer and storm system > 40 years old
IC-3:170-HE-21708	N/A	41.25896261	-72.96699574	3	sewer and storm system > 40 years old
IC-5:ORB 3A	N/A	41.24591387	-72.97983703	3	sewer and storm system > 40 years old
OR 9	N	41.24580026	-72.99073876	3	sewer and storm system > 40 years old
OR 29	N	41.25563253	-72.98612385	3	sewer and storm system > 40 years old
OR 83	N	41.24967132	-72.98813023	3	sewer and storm system > 40 years old
OR 86	N	41.25153577	-72.98712613	3	sewer and storm system > 40 years old
OR 104	N	41.25275767	-72.98803162	3	sewer and storm system > 40 years old
OR 107	N	41.26447968	-72.9891241	3	sewer and storm system > 40 years old
OR 110	N	41.25850272	-72.97871836	3	sewer and storm system > 40 years old

Outfall/ Interconnection ID	Discharges to Impaired Water	Latitude	Longitude	Priority	System Vulnerability Factors
OR 123	N	41.25566927	-72.98725166	3	sewer and storm system > 40 years old
OR 126A	N	41.27290795	-72.98406042	3	sewer and storm system > 40 years old
OR 126E	N	41.275275	-72.98169459	3	sewer and storm system > 40 years old
ORB 17	N	41.25179655	-72.97846438	3	sewer and storm system > 40 years old
ORB 22	N	41.238271	-72.98296194	3	sewer and storm system > 40 years old
PB 1	Y	41.24974133	-72.96237418	3	sewer and storm system > 40 years old
RB 32	Y	41.24072316	-72.9699303	3	sewer and storm system > 40 years old
WR 4	N	41.29799481	-72.96788439	3	sewer and storm system > 40 years old
WR 74	N	41.30926484	-72.97155322	3	sewer and storm system > 40 years old
WR 83	N	41.28740499	-72.9659894	3	sewer and storm system > 40 years old
WS 2	N	41.24432293	-72.97058106	3	sewer and storm system > 40 years old
WS 5	N	41.24508647	-72.97116867	3	sewer and storm system > 40 years old
WS 8	N	41.24774425	-72.97152949	3	sewer and storm system > 40 years old
WS 9	N	41.24838435	-72.97155046	3	sewer and storm system > 40 years old
CR 1	Y	41.2536684	-72.96005395	4	sewer and storm system > 40 years old
CR 4	N	41.25312558	-72.96375934	4	sewer and storm system > 40 years old
CR 14	N	41.26327548	-72.9614793	4	sewer and storm system > 40 years old
CR 15	N	41.26708564	-72.95866256	4	sewer and storm system > 40 years old
CR 17	Y	41.25799085	-72.96028267	4	sewer and storm system > 40 years old
CR 20	N	41.26520831	-72.9814589	4	sewer and storm system > 40 years old
CR 22	N	41.2817641	-72.97289911	4	sewer and storm system > 40 years old
CR 25	N	41.2851007	-72.97540432	4	sewer and storm system > 40 years old
CR 27	N	41.29119134	-72.97901596	4	sewer and storm system > 40 years old
CR 29	N	41.29045631	-72.97822975	4	sewer and storm system > 40 years old
CR 30	N	41.29422306	-72.9781447	4	sewer and storm system > 40 years old
CR 35	N	41.28254673	-72.97134773	4	sewer and storm system > 40 years old
CR 36	N	41.28555496	-72.96692493	4	sewer and storm system > 40 years old
CR 37	N	41.28111544	-72.96617984	4	sewer and storm system > 40 years old
CR 38	N	41.28051286	-72.96582599	4	sewer and storm system > 40 years old
CR 50	N	41.27744639	-72.96787201	4	sewer and storm system > 40 years old
CR 61	N	41.27579844	-72.96349555	4	sewer and storm system > 40 years old
CR 66	N	41.28311692	-72.9634158	4	sewer and storm system > 40 years old
CR 67	N	41.28225519	-72.9698341	4	sewer and storm system > 40 years old
CR 70	N	41.28645584	-72.97411711	4	sewer and storm system > 40 years old
CR 74	N	41.28560408	-72.98494435	4	sewer and storm system > 40 years old
CR 76	N	41.2858023	-72.98443665	4	sewer and storm system > 40 years old
CR 77	N	41.28722111	-72.98208436	4	sewer and storm system > 40 years old
CR 80	N	41.26617042	-72.97649154	4	sewer and storm system > 40 years old
CR 82	N	41.2714804	-72.96625966	4	sewer and storm system > 40 years old
CR 85	N	41.26531241	-72.97196891	4	sewer and storm system > 40 years old
CR 86	N	41.29670658	-72.97274826	4	sewer and storm system > 40 years old
CR 91	N	41.26464439	-72.96515732	4	sewer and storm system > 40 years old
CR 97	N	41.29308396	-72.97879742	4	sewer and storm system > 40 years old
CR 98	N	41.28906531	-72.97692087	4	sewer and storm system > 40 years old
CR 101	N	41.29618449	-72.97900645	4	sewer and storm system > 40 years old
CR 106	N	41.27430591	-72.95815724	4	sewer and storm system > 40 years old
CR 107	N	41.27715859	-72.96960335	4	sewer and storm system > 40 years old
CR 109	N	41.28944302	-72.98025738	4	sewer and storm system > 40 years old
CR 112	N	41.28563722	-72.97413573	4	sewer and storm system > 40 years old
CR 116	N	41.28259655	-72.97001544	4	sewer and storm system > 40 years old
CR 121	N	41.29067901	-72.98180103	4	sewer and storm system > 40 years old
CR 136	N	41.28658696	-72.97404999	4	sewer and storm system > 40 years old
CR 142	N	41.28985736	-72.98242713	4	sewer and storm system > 40 years old
CR 143	N	41.29018992	-72.98345532	4	sewer and storm system > 40 years old
CR 146A	N	41.261226	-72.967647	4	sewer and storm system > 40 years old
CR 158	Y	41.26308639	-72.959745	4	sewer and storm system > 40 years old
OFC 2	N	41.26356422	-72.95316	4	sewer and storm system > 40 years old
OFC 8	N	41.2649108	-72.968197	4	sewer and storm system > 40 years old
OFC 9	N	41.26481989	-72.93795714	4	sewer and storm system > 40 years old

Outfall/ Interconnection ID	Discharges to Impaired Water	Latitude	Longitude	Priority	System Vulnerability Factors
OFC 14	N	41.26679923	-72.94641056	4	sewer and storm system > 40 years old
OFC 19	N	41.26743456	-72.93816431	4	sewer and storm system > 40 years old
OFC 20	Y	41.27654579	-72.93701981	4	sewer and storm system > 40 years old
OR 3	N	41.24815042	-72.99015925	4	sewer and storm system > 40 years old
OR 4	N	41.24162729	-72.99296499	4	sewer and storm system > 40 years old
OR 5	N	41.24143015	-72.99277908	4	sewer and storm system > 40 years old
OR 6	N	41.24384694	-72.99321494	4	sewer and storm system > 40 years old
OR 7	N	41.24469377	-72.99229017	4	sewer and storm system > 40 years old
OR 11	N	41.23634063	-72.98960306	4	sewer and storm system > 40 years old
OR 15	N	41.26199971	-72.97920199	4	sewer and storm system > 40 years old
OR 28	N	41.25374425	-72.98618831	4	sewer and storm system > 40 years old
OR 32	N	41.26636581	-72.98390382	4	sewer and storm system > 40 years old
OR 33	N	41.26365325	-72.98431353	4	sewer and storm system > 40 years old
OR 34	N	41.26471116	-72.98478615	4	sewer and storm system > 40 years old
OR 43	N	41.26955902	-72.98735088	4	sewer and storm system > 40 years old
OR 47	N	41.26573888	-72.98794717	4	sewer and storm system > 40 years old
OR 50	N	41.28128781	-72.97888108	4	sewer and storm system > 40 years old
OR 51	N	41.28121586	-72.97891996	4	sewer and storm system > 40 years old
OR 80	N	41.2487548	-72.99216963	4	sewer and storm system > 40 years old
OR 82	N	41.25108887	-72.98725901	4	sewer and storm system > 40 years old
OR 99	N	41.23945174	-72.99189442	4	sewer and storm system > 40 years old
OR 100	N	41.25385766	-72.98409054	4	sewer and storm system > 40 years old
OR 102	N	41.24949236	-72.98920697	4	sewer and storm system > 40 years old
OR 103	N	41.25087064	-72.99106331	4	sewer and storm system > 40 years old
OR 108	N	41.26628601	-72.98364063	4	sewer and storm system > 40 years old
OR 109	N	41.25850832	-72.9787378	4	sewer and storm system > 40 years old
OR 121	N	41.26253285	-72.98462499	4	sewer and storm system > 40 years old
OR 122	N	41.25547803	-72.9859341	4	sewer and storm system > 40 years old
ORB 3	N	41.24318875	-72.98438829	4	sewer and storm system > 40 years old
ORB 6	N	41.24299933	-72.9842427	4	sewer and storm system > 40 years old
RB 2	N	41.23392035	-72.97923278	4	sewer and storm system > 40 years old
RB 5	N	41.23361117	-72.97643018	4	sewer and storm system > 40 years old
RB 7	N	41.233627	-72.97627748	4	sewer and storm system > 40 years old
RB 31	N	41.2407093	-72.97870025	4	sewer and storm system > 40 years old
WR 2	N	41.30017762	-72.96852653	4	sewer and storm system > 40 years old
WR 3	N	41.2980227	-72.96784292	4	sewer and storm system > 40 years old
WR 31	N	41.30128648	-72.95958472	4	sewer and storm system > 40 years old
WR 41	N	41.30307307	-72.97808884	4	sewer and storm system > 40 years old
WR 54	N	41.30560032	-72.97239508	4	sewer and storm system > 40 years old
WR 54A	N	41.30546808	-72.97261504	4	sewer and storm system > 40 years old
WR 58	N	41.30411639	-72.97394553	4	sewer and storm system > 40 years old
WR 89	N	41.29897987	-72.97155049	4	sewer and storm system > 40 years old
WR 90	N	41.29917955	-72.97050384	4	sewer and storm system > 40 years old
WS 6	N	41.24551811	-72.97126726	4	sewer and storm system > 40 years old
WS 10E	N	41.24954004	-72.97173117	4	sewer and storm system > 40 years old
WS 10W	N	41.24953702	-72.97174702	4	sewer and storm system > 40 years old
WS 11	N	41.25368449	-72.96843695	4	sewer and storm system > 40 years old
CR 2	Y	41.25329952	-72.95971363	5	sewer and storm system > 40 years old
CR 9	N	41.26396685	-72.96544482	5	sewer and storm system > 40 years old
CR 13	N	41.26596479	-72.96057326	5	sewer and storm system > 40 years old
CR 16	N	41.25695104	-72.95658602	5	sewer and storm system > 40 years old
CR 26	N	41.28978329	-72.98095522	5	sewer and storm system > 40 years old
CR 28	N	41.29252179	-72.97969627	5	sewer and storm system > 40 years old
CR 34	N	41.3003737	-72.97644435	5	sewer and storm system > 40 years old
CR 44	N	41.2773642	-72.96957345	5	sewer and storm system > 40 years old
CR 58	N	41.27392963	-72.96640031	5	sewer and storm system > 40 years old
CR 62	N	41.27535062	-72.95976748	5	sewer and storm system > 40 years old
CR 71	N	41.28669409	-72.96963722	5	sewer and storm system > 40 years old
CR 72	N	41.28490331	-72.97191887	5	sewer and storm system > 40 years old

Outfall/ Interconnection ID	Discharges to Impaired Water	Latitude	Longitude	Priority	System Vulnerability Factors
CR 87	N	41.273279	-72.96635458	5	sewer and storm system > 40 years old
CR 100	N	41.2955052	-72.97845474	5	sewer and storm system > 40 years old
CR 105	N	41.27497291	-72.95854289	5	sewer and storm system > 40 years old
CR 110	N	41.26646454	-72.97074309	5	sewer and storm system > 40 years old
CR 113	N	41.28331085	-72.97351138	5	sewer and storm system > 40 years old
CR 115	N	41.2786676	-72.96926036	5	sewer and storm system > 40 years old
CR 120	N	41.2843726	-72.98671839	5	sewer and storm system > 40 years old
CR 122A	N	41.26773814	-72.97407471	5	sewer and storm system > 40 years old
CR 123	N	41.26639073	-72.97345507	5	sewer and storm system > 40 years old
CR 124	N	41.28833359	-72.97783452	5	sewer and storm system > 40 years old
CR 124A	N	41.28880704	-72.97907363	5	sewer and storm system > 40 years old
CR 124B	N	41.28882745	-72.97874385	5	sewer and storm system > 40 years old
CR 125	N	41.27824648	-72.96258235	5	sewer and storm system > 40 years old
CR 127	Y	41.27074284	-72.96657767	5	sewer and storm system > 40 years old
CR 129	N	41.27346283	-72.96848264	5	sewer and storm system > 40 years old
CR 131	N	41.26297752	-72.96399695	5	sewer and storm system > 40 years old
CR 131A	N	41.26317399	-72.96440588	5	sewer and storm system > 40 years old
CR 132	N	41.26607474	-72.96545391	5	sewer and storm system > 40 years old
CR 133	N	41.26486498	-72.96823704	5	sewer and storm system > 40 years old
CR 135	N	41.25686542	-72.95681489	5	sewer and storm system > 40 years old
CR 138	N	41.27905558	-72.9671809	5	sewer and storm system > 40 years old
CR 139	N	41.2790285	-72.96724497	5	sewer and storm system > 40 years old
CR 140	N	41.27498841	-72.9679234	5	sewer and storm system > 40 years old
CR 141	N	41.28966659	-72.98169724	5	sewer and storm system > 40 years old
CR 144	N	41.2685639	-72.96168451	5	sewer and storm system > 40 years old
CR 148	N	41.28771003	-72.98655792	5	sewer and storm system > 40 years old
CR 149	N	41.29926993	-72.97687385	5	sewer and storm system > 40 years old
CR 150	Y	41.25325224	-72.95989217	5	sewer and storm system > 40 years old
CR 151	N	41.28241005	-72.97253018	5	sewer and storm system > 40 years old
CR 152	N	41.26105647	-72.95974993	5	sewer and storm system > 40 years old
CR 152B	N	41.261392	-72.959745	5	sewer and storm system > 40 years old
CR 154	N	41.25984944	-72.96066015	5	sewer and storm system > 40 years old
CR 155	Y	41.26371476	-72.95858665	5	sewer and storm system > 40 years old
CR 157	N	41.28299019	-72.97463503	5	sewer and storm system > 40 years old
CR 159	N	41.28123716	-72.98605457	5	sewer and storm system > 40 years old
CR 160	N	41.273214	-72.95360175	5	sewer and storm system > 40 years old
CR 161	N	41.27326276	-72.95356974	5	sewer and storm system > 40 years old
CR 162	N	41.27153423	-72.95588699	5	sewer and storm system > 40 years old
CR 163	N	41.26884029	-72.95842703	5	sewer and storm system > 40 years old
CR 165	N	41.26855877	-72.95855371	5	sewer and storm system > 40 years old
CR 166	N	41.27366416	-72.95316033	5	sewer and storm system > 40 years old
CR 167	N/A	41.273664	-72.95316	5	sewer and storm system > 40 years old
CR 169	N/A	41.283389	-72.968197	5	sewer and storm system > 40 years old
IC-1:170-HE-21235	N/A	41.29567345	-72.95804543	5	sewer and storm system > 40 years old
IC-1:170-HE-21243	N/A	41.30806647	-72.96968263	5	sewer and storm system > 40 years old
IC-1:170-HE-21245	N/A	41.30151142	-72.96333749	5	sewer and storm system > 40 years old
IC-1:170-HE-21249	N/A	41.27902764	-72.94194308	5	sewer and storm system > 40 years old
IC-1:170-HE-21259	N/A	41.27137842	-72.96023445	5	sewer and storm system > 40 years old
IC-1:170-HE-21301	N/A	41.28154097	-72.95530604	5	sewer and storm system > 40 years old
IC-1:170-HE-21450	N/A	41.25104449	-72.96297881	5	sewer and storm system > 40 years old
IC-1:170-HE-21483	N/A	41.27294115	-72.97122551	5	sewer and storm system > 40 years old
IC-1:170-HE-21697	N/A	41.24482843	-72.96849353	5	sewer and storm system > 40 years old
IC-1:170-HE-21708	N/A	41.2572489	-72.96936317	5	sewer and storm system > 40 years old
IC-1:170-HE-21709	N/A	41.25812	-72.961924	5	sewer and storm system > 40 years old
IC-1:170-HE-21710	N/A	41.2574142	-72.96133508	5	sewer and storm system > 40 years old
IC-1:170-HE-21712	N/A	41.24733852	-72.96485227	5	sewer and storm system > 40 years old
IC-1:170-HE-21719	N/A	41.23585715	-72.98259938	5	sewer and storm system > 40 years old
IC-1:170-HE-21720	N/A	41.23601404	-72.98358538	5	sewer and storm system > 40 years old
IC-1:170-HE-9521A	N/A	41.27573281	-72.95572178	5	sewer and storm system > 40 years old

Outfall/ Interconnection ID	Discharges to Impaired Water	Latitude	Longitude	Priority	System Vulnerability Factors
IC-1:CR 70	N/A	41.28770259	-72.97236909	5	sewer and storm system > 40 years old
IC-1:CR 74	N/A	41.28224409	-72.98506024	5	sewer and storm system > 40 years old
IC-1:CR 81	N/A	41.28439236	-72.96370661	5	sewer and storm system > 40 years old
IC-1:CR UNK 5	N/A	41.28121082	-72.98298924	5	sewer and storm system > 40 years old
IC-1:CR UNK 8	N/A	41.26729911	-72.97840288	5	sewer and storm system > 40 years old
IC-1:CR UNK 12	N/A	41.27349094	-72.96095232	5	sewer and storm system > 40 years old
IC-1:CR UNK 14	N/A	41.29007689	-72.98443718	5	sewer and storm system > 40 years old
IC-1:PB 1	N/A	41.24841049	-72.96355492	5	sewer and storm system > 40 years old
IC-1:WR 34	N/A	41.29606896	-72.95936998	5	sewer and storm system > 40 years old
IC-1:WR UNK 3	N/A	41.2906487	-72.96649792	5	sewer and storm system > 40 years old
IC-1:WR UNK 4	N/A	41.28447856	-72.95515201	5	sewer and storm system > 40 years old
IC-1:WR UNK 5	N/A	41.28515183	-72.95385745	5	sewer and storm system > 40 years old
IC-1:WR UNK 6	N/A	41.29258377	-72.95618195	5	sewer and storm system > 40 years old
IC-2:170-HE-21243	N/A	41.30875648	-72.97004389	5	sewer and storm system > 40 years old
IC-2:170-HE-21265	N/A	41.25993654	-72.96565045	5	sewer and storm system > 40 years old
IC-2:170-HE-21301	N/A	41.28186952	-72.95453222	5	sewer and storm system > 40 years old
IC-2:170-HE-21483	N/A	41.27292001	-72.97148295	5	sewer and storm system > 40 years old
IC-2:170-HE-21697	N/A	41.24388963	-72.96958057	5	sewer and storm system > 40 years old
IC-2:CR 74	N/A	41.28226368	-72.9850557	5	sewer and storm system > 40 years old
IC-2:CR 81	N/A	41.28348794	-72.96323065	5	sewer and storm system > 40 years old
IC-2:PB 1	N/A	41.24840209	-72.96355378	5	sewer and storm system > 40 years old
IC-2:SR 3	N/A	41.25875197	-72.94529197	5	sewer and storm system > 40 years old
IC-3:170-HE-21235	N/A	41.29402616	-72.95959904	5	sewer and storm system > 40 years old
IC-3:170-HE-21246	N/A	41.26923632	-72.98126318	5	sewer and storm system > 40 years old
IC-3:170-HE-21697	N/A	41.2438747	-72.96960427	5	sewer and storm system > 40 years old
IC-3:170-HE-21712	N/A	41.24702858	-72.96542903	5	sewer and storm system > 40 years old
IC-3:CR 74	N/A	41.28226368	-72.9850557	5	sewer and storm system > 40 years old
IC-3:PB 1	N/A	41.24933012	-72.96336544	5	sewer and storm system > 40 years old
IC-3:SR 3	N/A	41.25875197	-72.94529197	5	sewer and storm system > 40 years old
IC-4:170-HE-21301	N/A	41.28064654	-72.95871781	5	sewer and storm system > 40 years old
IC-4:170-HE-21708	N/A	41.25966535	-72.965975	5	sewer and storm system > 40 years old
IC-4:170-HE-21712	N/A	41.2467654	-72.96628734	5	sewer and storm system > 40 years old
IC-4:170-HE-21720	N/A	41.23994634	-72.98481545	5	sewer and storm system > 40 years old
IC-4:CR 74	N/A	41.28348446	-72.98299929	5	sewer and storm system > 40 years old
IC-4:ORB 3A	N/A	41.24579511	-72.97992823	5	sewer and storm system > 40 years old
IC-4:WR 95	N/A	41.29200007	-72.96294946	5	sewer and storm system > 40 years old
IC-4:WS 10E	N/A	41.25226473	-72.97423265	5	sewer and storm system > 40 years old
IC-5:170-HE-21246	N/A	41.27209167	-72.98493476	5	sewer and storm system > 40 years old
IC-5:170-HE-21301	N/A	41.28273454	-72.95247608	5	sewer and storm system > 40 years old
IC-5:170-HE-21708	N/A	41.25906444	-72.96713655	5	sewer and storm system > 40 years old
IC-6:170-HE-21235	N/A	41.29562307	-72.95782013	5	sewer and storm system > 40 years old
IC-7:170-HE-21235	N/A	41.29565279	-72.95812321	5	sewer and storm system > 40 years old
IC-7:ORB 3A	N/A	41.24623122	-72.97957083	5	sewer and storm system > 40 years old
IC-7:PB 1	N/A	41.25028629	-72.96322033	5	sewer and storm system > 40 years old
IC-7:WR 95	N/A	41.28910843	-72.95874737	5	sewer and storm system > 40 years old
IC-10:170-HE-21235	N/A	41.29586388	-72.95777721	5	sewer and storm system > 40 years old
NHH 1	Y	41.27937297	-72.93840959	5	sewer and storm system > 40 years old
OFC 5	N	41.26847934	-72.94157622	5	sewer and storm system > 40 years old
OFC 6	N	41.26797132	-72.94152559	5	sewer and storm system > 40 years old
OFC 7	N	41.26495753	-72.93809185	5	sewer and storm system > 40 years old
OFC 7A	N	41.26466237	-72.93903402	5	sewer and storm system > 40 years old
OFC 15	Y	41.26678306	-72.93217583	5	sewer and storm system > 40 years old
OFC 16	Y	41.27649081	-72.93700514	5	sewer and storm system > 40 years old
OFC 17	N	41.2668655	-72.9457957	5	sewer and storm system > 40 years old
OFC 21	Y	41.27494171	-72.93684664	5	sewer and storm system > 40 years old
OFC 22	N	41.26679263	-72.93217768	5	sewer and storm system > 40 years old
OFC 23	N	41.26729432	-72.94375963	5	sewer and storm system > 40 years old
OFC 24	N	41.26705071	-72.93306809	5	sewer and storm system > 40 years old
OFC 25	N	41.26403141	-72.93778153	5	sewer and storm system > 40 years old

Outfall/ Interconnection ID	Discharges to Impaired Water	Latitude	Longitude	Priority	System Vulnerability Factors
OFC 26	N	41.26716408	-72.94418342	5	sewer and storm system > 40 years old
OR 13	N	41.25654381	-72.97584102	5	sewer and storm system > 40 years old
OR 29C	N	41.25687764	-72.98566269	5	sewer and storm system > 40 years old
OR 29D	N	41.25687828	-72.98566542	5	sewer and storm system > 40 years old
OR 29G	N	41.25779595	-72.98454267	5	sewer and storm system > 40 years old
OR 29H	N	41.2580195	-72.98428729	5	sewer and storm system > 40 years old
OR 29I	N	41.25816124	-72.98410322	5	sewer and storm system > 40 years old
OR 29J	N	41.25663233	-72.98542334	5	sewer and storm system > 40 years old
OR 46	N	41.26823805	-72.98831157	5	sewer and storm system > 40 years old
OR 48	N	41.26625437	-72.98787164	5	sewer and storm system > 40 years old
OR 49	N	41.27860188	-72.97937927	5	sewer and storm system > 40 years old
OR 52	N	41.2810599	-72.97914055	5	sewer and storm system > 40 years old
OR 81	N	41.25077364	-72.98824389	5	sewer and storm system > 40 years old
OR 85	N	41.25481106	-72.9757282	5	sewer and storm system > 40 years old
OR 93	N	41.25141594	-72.98768588	5	sewer and storm system > 40 years old
OR 94	N	41.26234933	-72.97554007	5	sewer and storm system > 40 years old
OR 95	N	41.2618511	-72.97590129	5	sewer and storm system > 40 years old
OR 98	N	41.2407098	-72.99154857	5	sewer and storm system > 40 years old
OR 101	N	41.2499908	-72.98867104	5	sewer and storm system > 40 years old
OR 104A	N	41.25249723	-72.9868722	5	sewer and storm system > 40 years old
OR 105	N	41.26447959	-72.98910641	5	sewer and storm system > 40 years old
OR 111	N	41.25849083	-72.97871864	5	sewer and storm system > 40 years old
OR 118	N	41.2536397	-72.98976369	5	sewer and storm system > 40 years old
OR 119	N	41.25878379	-72.97940521	5	sewer and storm system > 40 years old
OR 125	N	41.2382953	-72.98748241	5	sewer and storm system > 40 years old
OR 126	N	41.27257026	-72.98441223	5	sewer and storm system > 40 years old
OR 126C	N	41.275275	-72.98169459	5	sewer and storm system > 40 years old
OR 126D	N	41.275275	-72.98169459	5	sewer and storm system > 40 years old
OR 126F	N	41.27594888	-72.98077366	5	sewer and storm system > 40 years old
OR 127	N	41.2716087	-72.98523624	5	sewer and storm system > 40 years old
OR 128	N	41.26960669	-72.98122482	5	sewer and storm system > 40 years old
ORB 3A	N	41.24412439	-72.98252327	5	sewer and storm system > 40 years old
ORB 3B	N	41.24375366	-72.98297191	5	sewer and storm system > 40 years old
ORB 3C	N	41.24624015	-72.98074892	5	sewer and storm system > 40 years old
ORB 3E	N	41.24498081	-72.98183256	5	sewer and storm system > 40 years old
ORB 3F	N	41.24455146	-72.98255955	5	sewer and storm system > 40 years old
ORB 3G	N	41.24401862	-72.98392866	5	sewer and storm system > 40 years old
ORB 4	N	41.2431722	-72.98433871	5	sewer and storm system > 40 years old
ORB 9	N	41.25255687	-72.97756995	5	sewer and storm system > 40 years old
ORB 14	N	41.24882793	-72.98039348	5	sewer and storm system > 40 years old
ORB 16	N	41.251813	-72.97833717	5	sewer and storm system > 40 years old
ORB 18	N	41.24320227	-72.98440019	5	sewer and storm system > 40 years old
ORB 19	N	41.23769596	-72.98316653	5	sewer and storm system > 40 years old
ORB 20	N	41.23769596	-72.98316653	5	sewer and storm system > 40 years old
ORB 21	N	41.238271	-72.98296194	5	sewer and storm system > 40 years old
ORB 23	N	41.23878167	-72.98283635	5	sewer and storm system > 40 years old
ORB 24	N	41.24019842	-72.98504192	5	sewer and storm system > 40 years old
ORB 25	N	41.24127704	-72.98452536	5	sewer and storm system > 40 years old
RB 6	N	41.23361471	-72.97627482	5	sewer and storm system > 40 years old
RB 35	N	41.23729353	-72.97981422	5	sewer and storm system > 40 years old
RB 36	N	41.24115321	-72.98036979	5	sewer and storm system > 40 years old
SR 10	N	41.26146287	-72.953374	5	sewer and storm system > 40 years old
WR 1	N	41.299831	-72.96959699	5	sewer and storm system > 40 years old
WR 13	N	41.28959281	-72.95259079	5	sewer and storm system > 40 years old
WR 14	N	41.28932342	-72.95309002	5	sewer and storm system > 40 years old
WR 18	N	41.2910871	-72.95676087	5	sewer and storm system > 40 years old
WR 21	N	41.28811116	-72.96660411	5	sewer and storm system > 40 years old
WR 34D	N	41.29656639	-72.96109672	5	sewer and storm system > 40 years old
WR 34K	N	41.29785753	-72.95880804	5	sewer and storm system > 40 years old

Outfall/ Interconnection ID	Discharges to Impaired Water	Latitude	Longitude	Priority	System Vulnerability Factors
WR 34L	N	41.29770212	-72.95946777	5	sewer and storm system > 40 years old
WR 34M	N	41.29670303	-72.95900207	5	sewer and storm system > 40 years old
WR 49	N	41.30734154	-72.97463964	5	sewer and storm system > 40 years old
WR 84	Y	41.29864155	-72.95402706	5	sewer and storm system > 40 years old
WR 85	Y	41.29751834	-72.95462485	5	sewer and storm system > 40 years old
WR 86	Y	41.29814661	-72.95478371	5	sewer and storm system > 40 years old
WR 87	N	41.30913669	-72.97289269	5	sewer and storm system > 40 years old
WR 88	N	41.2943517	-72.96887173	5	sewer and storm system > 40 years old
WR 91	N	41.29185857	-72.96824047	5	sewer and storm system > 40 years old
WR 92	N	41.2950824	-72.9639907	5	sewer and storm system > 40 years old
WR 94	N	41.28960922	-72.95264639	5	sewer and storm system > 40 years old
WR 96	N	41.29964842	-72.97014352	5	sewer and storm system > 40 years old
WR 97	N	41.29798692	-72.96787838	5	sewer and storm system > 40 years old
WR 98	N	41.28923903	-72.95456861	5	sewer and storm system > 40 years old
WR 100	Y	41.30044561	-72.95480341	5	sewer and storm system > 40 years old
WR 100A	Y	41.30043621	-72.9547849	5	sewer and storm system > 40 years old
WS 13	N	41.24493571	-72.97120163	5	sewer and storm system > 40 years old
WS 14	N	41.24895758	-72.97163903	5	sewer and storm system > 40 years old
WS 16	N	41.24602049	-72.97129866	5	sewer and storm system > 40 years old

<u>Priority Ranking</u>	<u>Description</u>
1	Outfall with any visual, olfactory, or sample results indicating evidence of sewage during dry and/or wet weather
2	Outfall discharges to impaired water and had an exceedance of a pollutant for which waterbody is impaired during wet weather
3	Outfall with any dry weather exceedance of ammonia, surfactants, chlorine, or bacteria
4	Outfall with any wet weather exceedance of ammonia, surfactants, chlorine, or bacteria
5	All other outfalls

ATTACHMENT F

KEY JUNCTION MANHOLES

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
170-MH-5542	12:00	41.29567345	-72.95804543	2023-08-17 18:13:00	No + no sign of dry weather flow				
170-MH-5561	12:00	41.29200007	-72.96294945	2023-07-31 19:25:00	No + no sign of dry weather flow				
170-MH-5580	11:00	41.30201194	-72.96171634	2022-11-03 16:39:00	No + no sign of dry weather flow				
170-MH-5580	12:00	41.30201194	-72.96171634	2022-11-03 16:39:00	Yes	None	0	0	0.15
170-MH-5580	02:30	41.30201194	-72.96171634	2022-11-03 16:39:00	No + no sign of dry weather flow				
170-MH-5590	07:00	41.2790214	-72.9419198	2023-08-09 12:47:00	Could not Inspect				
170-MH-5590	10:00	41.2790214	-72.9419198	2023-08-09 12:47:00	Standing Water				
170-MH-5590	12:00	41.2790214	-72.9419198	2023-08-09 12:47:00	Could not Inspect				
170-MH-5594		41.27403959	-72.96652551	2023-09-05 13:00:00	Could not Inspect				
170-MH-5595		41.27247426	-72.96224538	2018-08-08 20:45:00	Yes				
170-MH-5624		41.28121082	-72.98298924	2023-08-09 15:33:31	Could not Inspect				
170-MH-5804		41.28154097	-72.95530604	2023-07-12 19:14:00	Could not Inspect				
170-MH-5805		41.28186952	-72.95453222	2023-07-12 19:02:00	Could not Inspect				
170-MH-5818		41.28273454	-72.95247608	2023-10-02 12:49:00	Could not Inspect				
170-MH-5892		41.2439453	-72.96968649	2021-03-02 15:51:47	Yes				
170-MH-5896		41.24395841	-72.96951081	2018-08-08 14:43:00	No + no sign of dry weather flow				
170-MH-5899		41.24379706	-72.9695041	2019-11-04 13:50:00	Yes	None	0	0	0.25
170-MH-5899		41.24379706	-72.9695041	2020-05-21 18:20:00	Yes	None	0	0	0.25
170-MH-5899	12:00	41.24379706	-72.9695041	2019-11-04 13:50:00	Yes	None	0	0	0.12
170-MH-5899	12:00	41.24379706	-72.9695041	2020-05-21 18:20:00	Yes	None	0	0	0.12
170-MH-5903	12:00	41.24489356	-72.96860431	2019-11-04 14:14:00	No + no sign of dry weather flow				
170-MH-5903	12:00	41.24489356	-72.96860431	2023-09-15 14:49:00	No + no sign of dry weather flow				
DMH-1	09:00	41.2748694	-72.94229213	2020-09-29 15:32:00	No + no sign of dry weather flow				
DMH-1	12:00	41.2748694	-72.94229213	2020-09-29 15:32:00	No + no sign of dry weather flow				
DMH-1	03:00	41.2748694	-72.94229213	2020-09-29 15:32:00	No + no sign of dry weather flow				
DMH-10	09:00	41.27822457	-72.94434344	2023-08-09 13:57:00	No + no sign of dry weather flow				
DMH-10	12:00	41.27822457	-72.94434344	2023-08-09 13:57:00	No + no sign of dry weather flow				
DMH-10	03:00	41.27822457	-72.94434344	2023-08-09 13:57:00	No + no sign of dry weather flow				
DMH-100	01:00	41.24323752	-72.99282572	2020-12-09 14:20:00	No + no sign of dry weather flow				
DMH-100	07:00	41.24323752	-72.99282572	2020-12-09 14:20:00	No + no sign of dry weather flow				
DMH-100	09:00	41.24323752	-72.99282572	2020-12-09 14:20:00	Yes	None	0	0	0.33
DMH-100	11:00	41.24323752	-72.99282572	2020-12-09 14:20:00	No + no sign of dry weather flow				
DMH-101	12:00	41.24265568	-72.99282264	2022-06-24 16:01:20	No + no sign of dry weather flow				
DMH-102	12:00	41.24369225	-72.99273738	2020-12-09 14:05:00	No + no sign of dry weather flow				
DMH-102	03:00	41.24369225	-72.99273738	2020-12-09 14:05:00	Yes	None	0	0	0.45
DMH-103	09:00	41.24434512	-72.99203279	2020-12-08 18:50:57	Yes	None	0	0	0.28
DMH-103	12:00	41.24434512	-72.99203279	2020-12-08 18:50:57	No + no sign of dry weather flow				
DMH-103	01:00	41.24434512	-72.99203279	2020-12-08 18:50:57	Yes	None	0	0	0.64
DMH-104	12:00	41.24454679	-72.99148978	2020-12-08 19:28:00	Yes	None	0	0	0.29
DMH-106	11:00	41.25976114	-72.96617787	2023-08-17 13:44:00	Yes	None	0	0	0
DMH-107	10:00	41.24127296	-72.97542957	2023-09-05 14:19:45	No + no sign of dry weather flow				
DMH-107	12:00	41.24127296	-72.97542957	2023-09-05 14:19:45	Yes	None	0	0	0.12
DMH-107	03:00	41.24127296	-72.97542957	2023-09-05 14:19:45	No + no sign of dry weather flow				
DMH-108	09:00	41.23989028	-72.97300967	2023-09-05 13:07:01	Yes	None	0	0	0.06
DMH-108	12:00	41.23989028	-72.97300967	2023-09-05 13:07:01	Yes	None	0	0	0.07
DMH-108	01:00	41.23989028	-72.97300967	2023-09-05 13:07:01	No + no sign of dry weather flow				
DMH-109	09:00	41.24191197	-72.97689783	2023-09-05 14:47:16	No + no sign of dry weather flow				
DMH-109	12:00	41.24191197	-72.97689783	2023-09-05 14:47:16	No + no sign of dry weather flow				
DMH-11	09:00	41.27849831	-72.94345244	2023-08-09 14:04:00	No + no sign of dry weather flow				
DMH-11	12:00	41.27849831	-72.94345244	2023-08-09 14:04:00	No + signs of dry weather flow				
DMH-11	03:00	41.27849831	-72.94345244	2023-08-09 14:04:00	No + signs of dry weather flow				
DMH-110		41.24034192	-72.97379714	2023-09-05 13:26:58	Could not Inspect				
DMH-113	09:00	41.24395661	-72.98162824	2022-06-16 16:38:00	No + no sign of dry weather flow				
DMH-113	12:00	41.24395661	-72.98162824	2022-06-16 16:38:00	Yes	None	0	0	0.27
DMH-116	09:00	41.24744376	-72.98715659	2020-06-02 13:25:00	No + no sign of dry weather flow				

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-116	03:00	41.24744376	-72.98715659	2020-06-02 13:25:00	Yes	None	0	0	0.1
DMH-116	04:00	41.24744376	-72.98715659	2020-06-02 13:25:00	No + no sign of dry weather flow				
DMH-118	09:00	41.23933689	-72.9735838	2023-09-05 15:35:00	Yes	None	0	0	0.09
DMH-118	01:00	41.23933689	-72.9735838	2023-09-05 15:35:00	Yes	None	0	0	0.04
DMH-118	03:00	41.23933689	-72.9735838	2023-09-05 15:35:00	Yes	None	0	0	0.05
DMH-119	09:00	41.2392382	-72.97502854	2023-09-15 12:43:16	No + no sign of dry weather flow				
DMH-119	12:00	41.2392382	-72.97502854	2023-09-15 12:43:16	No + no sign of dry weather flow				
DMH-12	09:00	41.27874484	-72.94267843	2023-08-09 14:17:00	No + signs of dry weather flow				
DMH-12	12:00	41.27874484	-72.94267843	2023-08-09 14:17:00	Yes	None	0	0	0.1
DMH-12	03:00	41.27874484	-72.94267843	2023-08-09 14:17:00	No + no sign of dry weather flow				
DMH-120	07:00	41.23868625	-72.97811011	2023-07-25 18:09:48	No + no sign of dry weather flow				
DMH-120	09:00	41.23868625	-72.97811011	2023-07-25 18:09:48	Yes	None	0	0	0.07
DMH-120	12:00	41.23868625	-72.97811011	2023-07-25 18:09:48	Yes	None	0	0	0.01
DMH-120	03:00	41.23868625	-72.97811011	2023-07-25 18:09:48	No + no sign of dry weather flow				
DMH-124	12:00	41.25141001	-72.97029772	2019-11-07 16:07:00	Yes	None	0	0	0.25
DMH-125	07:00	41.24710897	-72.98239173	2022-06-20 14:34:27	No + signs of dry weather flow				
DMH-125	10:00	41.24710897	-72.98239173	2022-06-20 14:34:27	Yes	None	0	0	0.06
DMH-125	11:30	41.24710897	-72.98239173	2022-06-20 14:34:27	No + no sign of dry weather flow				
DMH-125	12:30	41.24710897	-72.98239173	2022-06-20 14:34:27	No + signs of dry weather flow				
DMH-125	9:00	41.24710897	-72.98239173	2022-06-20 14:34:27	No + signs of dry weather flow				
DMH-127	03:00	41.25084175	-72.97086502	2019-11-14 15:45:00	Yes	None	0	0	0.25
DMH-129	09:00	41.24678588	-72.98599923	2020-06-01 20:25:00	No + no sign of dry weather flow				
DMH-129	12:00	41.24678588	-72.98599923	2020-06-01 20:25:00	No + no sign of dry weather flow				
DMH-129	12:00	41.24678588	-72.98599923	2020-06-01 20:25:00	No + signs of dry weather flow				
DMH-129	01:00	41.24678588	-72.98599923	2020-06-01 20:25:00	No + no sign of dry weather flow				
DMH-130	12:00	41.29984587	-72.95559683	2023-09-20 13:17:42	No + no sign of dry weather flow				
DMH-131	12:00	41.25142226	-72.9714259	2019-11-14 14:26:00	Yes	None	0	0	0.25
DMH-137	12:00	41.24105835	-72.97502273	2023-09-05 14:00:52	No + no sign of dry weather flow				
DMH-137	01:00	41.24105835	-72.97502273	2023-09-05 14:00:52	No + no sign of dry weather flow				
DMH-137	04:00	41.24105835	-72.97502273	2023-09-05 14:00:52	No + no sign of dry weather flow				
DMH-139	12:00	41.2996219	-72.95622504	2023-09-20 13:19:00	No + no sign of dry weather flow				
DMH-139	02:00	41.2996219	-72.95622504	2023-09-20 13:19:00	Yes	Rancid	6	0	2
DMH-140	09:00	41.26291609	-72.96766416	2022-05-25 17:43:00	No + signs of dry weather flow				
DMH-140	12:00	41.26291609	-72.96766416	2022-05-25 17:43:00	Yes	Chlorine	0	1	0.08
DMH-141	05:00	41.2486785	-72.9832307	2022-06-20 16:00:00	Tailwater				
DMH-141	07:00	41.2486785	-72.9832307	2022-06-20 16:00:00	Yes	None	0	0	0.07
DMH-143		41.29941266	-72.95677648	2023-09-20 13:50:33	Could not Inspect				
DMH-144	1:00	41.26315956	-72.96783564	2023-08-02 15:07:00	Yes	None	0	0	0.14
DMH-145	07:00	41.24638184	-72.98697606	2020-06-01 19:57:00	No + no sign of dry weather flow				
DMH-145	12:00	41.24638184	-72.98697606	2020-06-01 19:57:00	Yes	None	0	0	0.05
DMH-145	02:00	41.24638184	-72.98697606	2020-06-01 19:57:00	No + signs of dry weather flow				
DMH-145	05:00	41.24638184	-72.98697606	2020-06-01 19:57:00	No + no sign of dry weather flow				
DMH-146	09:00	41.26338255	-72.96787099	2022-05-25 17:54:11	No + no sign of dry weather flow				
DMH-146	12:00	41.26338255	-72.96787099	2022-05-25 17:54:11	No + no sign of dry weather flow				
DMH-146	03:00	41.26338255	-72.96787099	2022-05-25 17:54:11	No + no sign of dry weather flow				
DMH-147	12:00	41.26409991	-72.96815257	2023-08-02 15:18:00	Yes	None	0	0	0.05
DMH-148	11:00	41.24784957	-72.98368911	2022-06-20 15:35:06	Yes	None	0	0	0.05
DMH-148	01:00	41.24784957	-72.98368911	2022-06-20 15:35:06	Yes	None	0	0	0.06
DMH-148	03:00	41.24784957	-72.98368911	2022-06-20 15:35:06	No + signs of dry weather flow				
DMH-149	12:00	41.26376887	-72.96795516	2022-05-25 19:31:00	Yes	None	0	0	0.09
DMH-150	12:00	41.26248293	-72.9689813	2022-05-25 18:40:15	No + signs of dry weather flow				
DMH-150	10:00	41.26248293	-72.9689813	2022-05-25 18:40:15	No + signs of dry weather flow				
DMH-150	07:00	41.26248293	-72.9689813	2022-05-25 18:40:15	Yes	None	0	0	0.12
DMH-150A	03:00	41.26264887	-72.96946082	2022-05-25 19:01:53	No + no sign of dry weather flow				
DMH-150A	12:00	41.26264887	-72.96946082	2022-05-25 19:01:53	Yes	None	0	0	0.11

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-151A	02:00	41.26147755	-72.96485763	2022-05-25 17:23:32	No + signs of dry weather flow				
DMH-151A	05:00	41.26147755	-72.96485763	2022-05-25 17:23:32	No + signs of dry weather flow				
DMH-151A	07:00	41.26147755	-72.96485763	2022-05-25 17:23:32	No + signs of dry weather flow				
DMH-151A	03:00	41.26147755	-72.96485763	2022-05-25 17:23:32	Yes	None	0	0.1	0.07
DMH-153A	11:00	41.26193338	-72.96418686	2022-05-25 17:09:00	No + signs of dry weather flow				
DMH-153A	11:00	41.26193338	-72.96418686	2022-05-25 17:09:00	No + signs of dry weather flow				
DMH-153A	10:00	41.26193338	-72.96418686	2022-05-25 17:09:00	Yes	None	0	0.1	0.02
DMH-153A	10:00	41.26193338	-72.96418686	2022-05-25 17:09:00	Yes	None	0	0.1	0.02
DMH-153A	11:00	41.26193338	-72.96418686	2022-05-25 17:09:00	No + signs of dry weather flow				
DMH-153A	11:00	41.26193338	-72.96418686	2022-05-25 17:09:00	No + signs of dry weather flow				
DMH-153A	10:00	41.26193338	-72.96418686	2022-05-25 17:09:00	Yes	None	0	0.1	0.02
DMH-153A	10:00	41.26193338	-72.96418686	2022-05-25 17:09:00	Yes	None	0	0.1	0.02
DMH-154	12:00	41.23594114	-72.98351361	2023-10-10 17:57:00	Yes	None	0	0	0.13
DMH-155	09:00	41.24181374	-72.99224933	2022-06-24 15:46:02	Yes	None	0	0	0.02
DMH-155	12:00	41.24181374	-72.99224933	2022-06-24 15:46:02	Tailwater				
DMH-158	07:00	41.23941598	-72.99038324	2022-10-20 15:18:00	No + signs of dry weather flow				
DMH-158	11:00	41.23941598	-72.99038324	2022-10-20 15:18:00	No + no sign of dry weather flow				
DMH-158	12:00	41.23941598	-72.99038324	2022-10-20 15:18:00	No + no sign of dry weather flow				
DMH-158	01:00	41.23941598	-72.99038324	2022-10-20 15:18:00	Yes	None	0	0	0.12
DMH-159	09:00	41.23688184	-72.9901573	2020-06-08 20:40:00	No + no sign of dry weather flow				
DMH-159	09:00	41.23688184	-72.9901573	2023-07-06 14:50:00	No + no sign of dry weather flow				
DMH-159	11:00	41.23688184	-72.9901573	2020-06-08 20:40:00	No + no sign of dry weather flow				
DMH-159	11:00	41.23688184	-72.9901573	2023-07-06 14:50:00	No + no sign of dry weather flow				
DMH-159	03:00	41.23688184	-72.9901573	2020-06-08 20:40:00	Yes	None	0	0	0.01
DMH-159	03:00	41.23688184	-72.9901573	2023-07-06 14:50:00	Yes	None	0	0	0.01
DMH-159	09:00	41.23688184	-72.9901573	2020-06-08 20:40:00	No + no sign of dry weather flow				
DMH-159	09:00	41.23688184	-72.9901573	2023-07-06 14:50:00	No + no sign of dry weather flow				
DMH-159	11:00	41.23688184	-72.9901573	2020-06-08 20:40:00	No + no sign of dry weather flow				
DMH-159	11:00	41.23688184	-72.9901573	2023-07-06 14:50:00	No + no sign of dry weather flow				
DMH-159	03:00	41.23688184	-72.9901573	2020-06-08 20:40:00	Yes	None	0	0	0.07
DMH-159	03:00	41.23688184	-72.9901573	2023-07-06 14:50:00	Yes	None	0	0	0.07
DMH-160	09:00	41.26101375	-72.97762001	2022-04-12 13:52:00	Yes	None	0	0	0.2
DMH-160	03:00	41.26101375	-72.97762001	2022-04-12 13:52:00	No + no sign of dry weather flow				
DMH-162	09:00	41.24494623	-72.9897957	2020-06-02 14:50:00	No + no sign of dry weather flow				
DMH-162	11:00	41.24494623	-72.9897957	2020-06-02 14:50:00	No + no sign of dry weather flow				
DMH-162	12:00	41.24494623	-72.9897957	2020-06-02 14:50:00	No + no sign of dry weather flow				
DMH-162	05:00	41.24494623	-72.9897957	2020-06-02 14:50:00	No + no sign of dry weather flow				
DMH-163	09:00	41.25973875	-72.97924502	2022-04-12 13:03:00	No + no sign of dry weather flow				
DMH-163	12:00	41.25973875	-72.97924502	2022-04-12 13:03:00	Yes				
DMH-163	03:00	41.25973875	-72.97924502	2022-04-12 13:03:00	No + no sign of dry weather flow				
DMH-164	01:00	41.24760952	-72.98356094	2022-06-20 15:23:39	Yes	None	0	0	0.07
DMH-165	09:00	41.26057288	-72.9781855	2022-04-12 13:16:00	No + no sign of dry weather flow				
DMH-165	12:00	41.26057288	-72.9781855	2022-04-12 13:16:00	Yes				
DMH-165	03:00	41.26057288	-72.9781855	2022-04-12 13:16:00	No + no sign of dry weather flow				
DMH-166	10:00	41.25911216	-72.98006225	2022-04-12 12:23:00	Yes	None	0	0	0.4
DMH-166	12:00	41.25911216	-72.98006225	2022-04-12 12:23:00	Yes	None	0	0	0.1
DMH-171	09:00	41.29628466	-72.95889777	2023-08-22 14:00:00	No + no sign of dry weather flow				
DMH-171	03:00	41.29628466	-72.95889777	2023-08-22 14:00:00	No + no sign of dry weather flow				
DMH-173	12:00	41.29607373	-72.95880065	2023-08-22 14:04:00	No + no sign of dry weather flow				
DMH-173	02:00	41.29607373	-72.95880065	2023-08-22 14:04:00	No + no sign of dry weather flow				
DMH-175	12:00	41.26896669	-72.93351237	2020-12-10 19:22:00	No + no sign of dry weather flow				
DMH-175	09:00	41.26896669	-72.93351237	2020-12-10 19:22:00	No + no sign of dry weather flow				
DMH-178	12:00	41.24402256	-72.96986886	2020-05-21 19:03:00	Yes	None	0	0	0.08
DMH-178	12:00	41.24402256	-72.96986886	2018-08-08 14:53:00	Yes	None	0	0	0.08
DMH-178		41.24402256	-72.96986886	2020-05-21 19:03:00	Yes				

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-178		41.24402256	-72.96986886	2018-08-08 14:53:00	Yes				
DMH-180	02:30	41.24472553	-72.97105739	2019-11-04 14:38:00	Yes	None	0	0	0.25
DMH-180	02:30	41.24472553	-72.97105739	2018-08-08 14:57:00	Yes	None	0	0	0.25
DMH-180		41.24472553	-72.97105739	2019-11-04 14:38:00	Yes				
DMH-180		41.24472553	-72.97105739	2018-08-08 14:57:00	Yes				
DMH-181	01:00	41.24469507	-72.97115166	2020-12-10 14:55:00	Yes	None	0	0	0.24
DMH-182	01:00	41.2447064	-72.97110664	2020-05-21 19:41:00	Yes	None	0.25	0	0.06
DMH-182	01:00	41.2447064	-72.97110664	2018-08-08 14:55:00	Yes	None	0.25	0	0.06
DMH-182	12:00	41.2447064	-72.97110664	2020-05-21 19:41:00	Yes	None	0	0	0.02
DMH-182	12:00	41.2447064	-72.97110664	2018-08-08 14:55:00	Yes	None	0	0	0.02
DMH-182		41.2447064	-72.97110664	2020-05-21 19:41:00	Yes				
DMH-182		41.2447064	-72.97110664	2018-08-08 14:55:00	Yes				
DMH-183	12:00	41.24439639	-72.97051951	2020-05-21 19:16:00	Yes	None	0	0	0.04
DMH-183	12:00	41.24439639	-72.97051951	2018-08-08 14:54:00	Yes	None	0	0	0.04
DMH-183		41.24439639	-72.97051951	2020-05-21 19:16:00	Yes				
DMH-183		41.24439639	-72.97051951	2018-08-08 14:54:00	Yes				
DMH-184		41.23711679	-72.97583016	2023-09-01 13:23:27	Could not Inspect				
DMH-185	11:00	41.23719538	-72.97594458	2023-09-01 13:56:08	Could not Inspect				
DMH-185	01:00	41.23719538	-72.97594458	2023-09-01 13:56:08	Could not Inspect				
DMH-186	12:00	41.23497661	-72.97883993	2018-09-17 15:09:00	Yes				
DMH-186	12:00	41.23497661	-72.97883993	2023-07-25 12:49:00	Yes				
DMH-186	12:00	41.23497661	-72.97883993	2018-09-17 15:09:00	Yes	None	0	0	0.08
DMH-186	12:00	41.23497661	-72.97883993	2023-07-25 12:49:00	Yes	None	0	0	0.08
DMH-187	10:00	41.23524544	-72.97956175	2023-07-31 15:07:00	Could not Inspect				
DMH-187	02:00	41.23524544	-72.97956175	2023-07-31 15:07:00	No + no sign of dry weather flow				
DMH-188	12:00	41.23812668	-72.97948647	2023-07-31 17:52:53	Yes	None	0	0	0.01
DMH-189		41.24183913	-72.98899476	2023-08-02 18:17:14	Could not Inspect				
DMH-1893A		41.28836322	-72.95877974	2023-10-12 17:46:00	Could not Inspect				
DMH-19	10:00	41.28046613	-72.93948641	2023-03-21 12:52:42	Could not Inspect				
DMH-19	02:00	41.28046613	-72.93948641	2023-03-21 12:52:42	No + signs of dry weather flow				
DMH-190	12:00	41.24144099	-72.98935691	2023-08-02 18:02:12	Yes	None	0	0	0.06
DMH-190	02:00	41.24144099	-72.98935691	2023-08-02 18:02:12	No + no sign of dry weather flow				
DMH-190	04:00	41.24144099	-72.98935691	2023-08-02 18:02:12	No + no sign of dry weather flow				
DMH-191	07:00	41.24106372	-72.98976143	2023-08-02 17:43:05	No + no sign of dry weather flow				
DMH-191	10:00	41.24106372	-72.98976143	2023-08-02 17:43:05	Yes	None	0	0	0.09
DMH-191	02:00	41.24106372	-72.98976143	2023-08-02 17:43:05	No + signs of dry weather flow				
DMH-193	12:00	41.24034299	-72.9821229	2023-08-02 13:44:00	Yes	None	0	0	0.11
DMH-193	10:00	41.24034299	-72.9821229	2023-08-02 13:44:00	No + no sign of dry weather flow				
DMH-195	10:00	41.24348396	-72.980534	2022-06-16 16:59:00	Yes	None	0	0	0.36
DMH-195	12:00	41.24348396	-72.980534	2022-06-16 16:59:00	Yes	None	0	0	0.21
DMH-196	08:00	41.24293756	-72.97936404	2022-06-16 17:33:23	No + no sign of dry weather flow				
DMH-196	12:00	41.24293756	-72.97936404	2022-06-16 17:33:23	Yes	None			
DMH-197	10:00	41.24278726	-72.97903625	2022-06-16 17:40:04	No + signs of dry weather flow				
DMH-198		41.24069568	-72.97441699	2023-09-05 13:35:00	Could not Inspect				
DMH-199	12:00	41.23944047	-72.9718151	2020-05-14 16:46:00	Could not Inspect				
DMH-2	02:00	41.27545224	-72.94052229	2020-09-29 15:18:00	No + no sign of dry weather flow				
DMH-20	12:00	41.2809668	-72.93924434	2023-03-21 12:47:10	No + no sign of dry weather flow				
DMH-200	07:00	41.23938977	-72.97211652	2023-09-05 12:46:00	Could not Inspect				
DMH-200	04:00	41.23938977	-72.97211652	2023-09-05 12:46:00	Could not Inspect				
DMH-200	12:00	41.23938977	-72.97211652	2023-09-05 12:46:00	Yes	None	0	0	0.06
DMH-201		41.24167104	-72.97633391	2023-09-05 14:41:56	Could not Inspect				
DMH-202		41.24145851	-72.97586098	2023-09-05 14:32:47	Could not Inspect				
DMH-205	07:00	41.23927031	-72.97995882	2023-07-31 18:21:00	No + signs of dry weather flow				
DMH-205	09:00	41.23927031	-72.97995882	2023-07-31 18:21:00	Yes	None	0	0	0.15
DMH-205	12:00	41.23927031	-72.97995882	2023-07-31 18:21:00	Yes	None	0	0	0.08

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-206	12:00	41.23861381	-72.98043535	2023-07-31 18:07:09	No + signs of dry weather flow				
DMH-206	03:00	41.23861381	-72.98043535	2023-07-31 18:07:09	Yes	None	0	0	0.1
DMH-207	12:00	41.23902968	-72.98931455	2023-07-06 16:10:32	No + no sign of dry weather flow				
DMH-209	08:00	41.23821948	-72.98900189	2023-07-06 15:54:42	No + no sign of dry weather flow				
DMH-209	09:00	41.23821948	-72.98900189	2023-07-06 15:54:42	No + no sign of dry weather flow				
DMH-209	10:00	41.23821948	-72.98900189	2023-07-06 15:54:42	No + no sign of dry weather flow				
DMH-210	09:00	41.23859459	-72.98808772	2023-07-06 18:41:00	Standing Water				
DMH-210	12:00	41.23859459	-72.98808772	2023-07-06 18:41:00	Yes	None	0	0	0.04
DMH-210	01:00	41.23859459	-72.98808772	2023-07-06 18:41:00	No + no sign of dry weather flow				
DMH-210	04:00	41.23859459	-72.98808772	2023-07-06 18:41:00	No + no sign of dry weather flow				
DMH-211	12:00	41.23878167	-72.98283635	2023-10-10 19:07:42	Yes	None	0	0	0.11
DMH-213	12:00	41.23769596	-72.98316653	2023-10-10 18:21:38	Could not Inspect				
DMH-222	12:00	41.25106125	-72.97293727	2019-11-14 17:43:40	Yes	Sewage	3	0	0.25
DMH-223		41.25049061	-72.972357	2019-11-04 21:34:00	Yes				
DMH-223		41.25049061	-72.972357	2019-11-14 13:46:00	Yes				
DMH-223		41.25049061	-72.972357	2019-11-04 21:34:00	Yes	None	0	0	0.25
DMH-223		41.25049061	-72.972357	2019-11-14 13:46:00	Yes	None	0	0	0.25
DMH-23	02:00	41.2681166	-72.9351311	2020-12-10 19:38:00	No + no sign of dry weather flow				
DMH-23	03:00	41.2681166	-72.9351311	2020-12-10 19:38:00	No + no sign of dry weather flow				
DMH-233	10:00	41.24703703	-72.96611581	2020-11-19 16:12:00	Yes	None	0	0	0.24
DMH-234	12:00	41.24683639	-72.96635315	2020-11-19 16:00:00	Yes				
DMH-234	03:00	41.24683639	-72.96635315	2020-11-19 16:00:00	No + signs of dry weather flow				
DMH-237	09:00	41.24733012	-72.96485112	2020-11-19 14:40:00	No + no sign of dry weather flow				
DMH-237	11:00	41.24733012	-72.96485112	2020-11-19 14:40:00	No + no sign of dry weather flow				
DMH-240	09:00	41.24771734	-72.96387355	2020-11-19 13:49:00	No + no sign of dry weather flow				
DMH-243		41.24840209	-72.96355378	2023-09-21 17:49:00	Could not Inspect				
DMH-243		41.24840209	-72.96355378	2023-09-21 17:50:00	Could not Inspect				
DMH-243		41.24840209	-72.96355378	2023-09-21 17:49:00	Could not Inspect				
DMH-243		41.24840209	-72.96355378	2023-09-21 17:50:00	Could not Inspect				
DMH-249	12:00	41.24972231	-72.96323321	2023-09-28 17:25:00	Could not Inspect				
DMH-249	03:00	41.24972231	-72.96323321	2023-09-28 17:25:00	No + no sign of dry weather flow				
DMH-251	12:00	41.25121916	-72.9633139	2023-09-01 18:30:00	No + signs of dry weather flow				
DMH-251	02:00	41.25121916	-72.9633139	2023-09-01 18:30:00	No + no sign of dry weather flow				
DMH-252	09:00	41.25114997	-72.96321198	2023-09-01 18:04:30	Could not Inspect				
DMH-252	12:00	41.25114997	-72.96321198	2023-09-01 18:04:30	No + no sign of dry weather flow				
DMH-255	12:00	41.2519014	-72.96248273	2022-06-21 13:27:00	Tailwater				
DMH-255	02:30	41.2519014	-72.96248273	2022-06-21 13:27:00	Yes	None	0	0	0.08
DMH-256	12:00	41.25206406	-72.96234601	2022-06-21 13:01:00	Yes	None	0	0	0.09
DMH-256	03:00	41.25206406	-72.96234601	2022-06-21 13:01:00	No + no sign of dry weather flow				
DMH-257	10:30	41.25263118	-72.96189913	2022-06-21 12:32:43	No + signs of dry weather flow				
DMH-257	10:30	41.25263118	-72.96189913	2022-06-21 14:08:00	No + signs of dry weather flow				
DMH-257	01:00	41.25263118	-72.96189913	2022-06-21 12:32:43	No + signs of dry weather flow				
DMH-257	01:00	41.25263118	-72.96189913	2022-06-21 14:08:00	No + signs of dry weather flow				
DMH-257	02:30	41.25263118	-72.96189913	2022-06-21 12:32:43	No + no sign of dry weather flow				
DMH-257	02:30	41.25263118	-72.96189913	2022-06-21 14:08:00	No + no sign of dry weather flow				
DMH-26	01:30	41.29656639	-72.96109672	2019-10-24 17:12:00	Yes	None	0	0	0.25
DMH-26	01:30	41.29656639	-72.96109672	2019-10-24 14:43:00	Yes	None	0	0	0.25
DMH-26	01:30	41.29656639	-72.96109672	2019-10-24 17:12:00	Yes	None	0	0	0.25
DMH-26		41.29656639	-72.96109672	2019-10-24 17:12:00	Yes		0	0	0.25
DMH-26		41.29656639	-72.96109672	2019-10-24 14:43:00	Yes		0	0	0.25
DMH-26		41.29656639	-72.96109672	2019-10-24 17:12:00	Yes		0	0	0.25
DMH-26	01:30	41.29656639	-72.96109672	2019-10-24 17:12:00	Yes	None	0	0	0.25
DMH-26	01:30	41.29656639	-72.96109672	2019-10-24 14:43:00	Yes	None	0	0	0.25
DMH-26	01:30	41.29656639	-72.96109672	2019-10-24 17:12:00	Yes	None	0	0	0.25
DMH-26		41.29656639	-72.96109672	2019-10-24 17:12:00	Yes		0	0	0.25

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-26		41.29656639	-72.96109672	2019-10-24 14:43:00	Yes		0	0	0.25
DMH-26		41.29656639	-72.96109672	2019-10-24 17:12:00	Yes		0	0	0.25
DMH-266	10:00	41.2510361	-72.96297767	2023-09-01 18:00:06	Standing Water				
DMH-269	03:00	41.27537032	-72.94401109	2020-09-29 16:09:00	No + no sign of dry weather flow				
DMH-27	09:00	41.30811619	-72.97289505	2023-07-20 13:59:47	Could not Inspect				
DMH-27	12:00	41.30811619	-72.97289505	2023-07-20 13:59:47	Could not Inspect				
DMH-27	01:00	41.30811619	-72.97289505	2023-07-20 13:59:47	Could not Inspect				
DMH-27	07:00	41.30811619	-72.97289505	2023-07-20 13:59:47	Could not Inspect				
DMH-270	12:00	41.27568912	-72.94709026	2020-09-29 17:09:00	No + no sign of dry weather flow				
DMH-271	10:00	41.27517634	-72.94652585	2020-09-29 16:59:00	No + no sign of dry weather flow				
DMH-271	12:00	41.27517634	-72.94652585	2020-09-29 16:59:00	No + signs of dry weather flow				
DMH-271	03:00	41.27517634	-72.94652585	2020-09-29 16:59:00	No + no sign of dry weather flow				
DMH-2716A	12:00	41.25874418	-72.96720042	2023-08-17 18:07:00	Could not Inspect				
DMH-276	01:00	41.273985	-72.94504954	2020-09-29 16:32:00	No + no sign of dry weather flow				
DMH-276	02:00	41.273985	-72.94504954	2020-09-29 16:32:00	No + no sign of dry weather flow				
DMH-276	09:00	41.273985	-72.94504954	2020-09-29 16:32:00	No + no sign of dry weather flow				
DMH-277	03:00	41.27284288	-72.93710109	2020-05-14 12:29:00	Could not Inspect				
DMH-277	09:00	41.27284288	-72.93710109	2020-05-14 12:29:00	Could not Inspect				
DMH-278A	09:00	41.2710599	-72.94130026	2022-06-21 17:08:00	No + no sign of dry weather flow				
DMH-278A	12:00	41.2710599	-72.94130026	2022-06-21 17:08:00	No + no sign of dry weather flow				
DMH-278A	01:30	41.2710599	-72.94130026	2022-06-21 17:08:00	No + no sign of dry weather flow				
DMH-278A	03:00	41.2710599	-72.94130026	2022-06-21 17:08:00	Yes	None	6	0	2
DMH-295	12:00	41.27915789	-72.95498142	2023-10-12 14:48:00	Could not Inspect				
DMH-295	01:00	41.27915789	-72.95498142	2023-10-12 14:48:00	No + no sign of dry weather flow				
DMH-295	03:00	41.27915789	-72.95498142	2023-10-12 14:48:00	No + no sign of dry weather flow				
DMH-295A	09:00	41.2793843	-72.95511612	2023-10-12 14:31:00	Yes	None	0	0	0.2
DMH-295A	12:00	41.2793843	-72.95511612	2023-10-12 14:31:00	No + no sign of dry weather flow				
DMH-296	11:00	41.2795869	-72.95525399	2023-10-12 14:19:00	No + no sign of dry weather flow				
DMH-296	12:00	41.2795869	-72.95525399	2023-10-12 14:19:00	No + no sign of dry weather flow				
DMH-296	01:00	41.2795869	-72.95525399	2023-10-12 14:19:00	No + no sign of dry weather flow				
DMH-297	08:00	41.27863766	-72.95445819	2023-10-12 13:41:00	No + no sign of dry weather flow				
DMH-297	10:00	41.27863766	-72.95445819	2023-10-12 13:41:00	Standing Water				
DMH-298	09:00	41.2779267	-72.95400024	2023-10-12 13:21:00	Standing Water				
DMH-298	11:00	41.2779267	-72.95400024	2023-10-12 13:21:00	Standing Water				
DMH-298	12:00	41.2779267	-72.95400024	2023-10-12 13:21:00	Standing Water				
DMH-299	01:00	41.27764067	-72.95381554	2023-10-12 13:12:00	Standing Water				
DMH-299	04:00	41.27764067	-72.95381554	2023-10-12 13:12:00	Standing Water				
DMH-3	09:00	41.27710281	-72.94795299	2023-08-09 13:13:00	No + no sign of dry weather flow				
DMH-3	12:00	41.27710281	-72.94795299	2023-08-09 13:13:00	No + signs of dry weather flow				
DMH-3	03:00	41.27710281	-72.94795299	2023-08-09 13:13:00	No + no sign of dry weather flow				
DMH-301	10:00	41.28903386	-72.95902284	2023-10-12 17:17:00	No + no sign of dry weather flow				
DMH-301	12:00	41.28903386	-72.95902284	2023-10-12 17:17:00	Yes	None	0	0	0.08
DMH-301	02:00	41.28903386	-72.95902284	2023-10-12 17:17:00	No + no sign of dry weather flow				
DMH-302	12:00	41.28869978	-72.95887706	2023-10-12 17:35:00	No + no sign of dry weather flow				
DMH-302A	09:00	41.28904171	-72.95897419	2023-10-12 17:05:00	No + no sign of dry weather flow				
DMH-302A	12:00	41.28904171	-72.95897419	2023-10-12 17:05:00	Could not Inspect				
DMH-303	03:00	41.28795963	-72.95861766	2023-10-12 17:51:58	No + no sign of dry weather flow				
DMH-31	12:00	41.29813211	-72.96803952	2023-07-20 15:25:09	Standing Water				
DMH-31	03:00	41.29813211	-72.96803952	2023-07-20 15:25:09	Standing Water				
DMH-31A	12:00	41.29895341	-72.96982071	2023-07-20 18:11:32	Yes	None	0	0	0.07
DMH-31A	03:00	41.29895341	-72.96982071	2023-07-20 18:11:32	Yes	None	0	0	0.07
DMH-328	12:00	41.28150135	-72.95152196	2023-10-02 13:12:12	Could not Inspect				
DMH-328	12:00	41.28150135	-72.95152196	2023-10-03 12:22:04	Could not Inspect				
DMH-328	03:00	41.28150135	-72.95152196	2023-10-02 13:12:12	No + no sign of dry weather flow				
DMH-328	03:00	41.28150135	-72.95152196	2023-10-03 12:22:04	No + no sign of dry weather flow				

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-328	12:00	41.28150135	-72.95152196	2023-10-02 13:12:12	Yes	None	0	0	0.06
DMH-328	12:00	41.28150135	-72.95152196	2023-10-03 12:22:04	Yes	None	0	0	0.06
DMH-328	03:00	41.28150135	-72.95152196	2023-10-02 13:12:12	No + no sign of dry weather flow				
DMH-328	03:00	41.28150135	-72.95152196	2023-10-03 12:22:04	No + no sign of dry weather flow				
DMH-329	07:00	41.28048541	-72.95074131	2023-10-02 13:31:00	No + no sign of dry weather flow				
DMH-329	03:00	41.28048541	-72.95074131	2023-10-02 13:31:00	Yes	None	0	0	0.09
DMH-329	04:00	41.28048541	-72.95074131	2023-10-02 13:31:00	No + no sign of dry weather flow				
DMH-330		41.28232101	-72.95216479	2023-10-02 12:53:17	Could not Inspect				
DMH-335	09:00	41.25819373	-72.95184418	2023-03-27 13:43:00	Standing Water				
DMH-335	11:00	41.25819373	-72.95184418	2023-03-27 13:43:00	Could not Inspect				
DMH-335	03:00	41.25819373	-72.95184418	2023-03-27 13:43:00	Yes	None	0	0	0.24
DMH-336	12:00	41.25754707	-72.95150879	2023-01-17 18:18:31	Yes	None	0	0	0.66
DMH-337	07:00	41.25809826	-72.94809651	2020-05-26 17:02:00	No + no sign of dry weather flow				
DMH-337	11:00	41.25809826	-72.94809651	2020-05-26 17:02:00	No + no sign of dry weather flow				
DMH-337	12:00	41.25809826	-72.94809651	2020-05-26 17:02:00	No + no sign of dry weather flow				
DMH-338	02:00	41.25728784	-72.94766974	2020-05-26 16:09:00	No + signs of dry weather flow				
DMH-34		41.28584699	-72.96715741	2022-12-02 19:30:00	Could not Inspect				
DMH-342	09:00	41.25990179	-72.94274001	2020-10-08 17:53:00	No + no sign of dry weather flow				
DMH-342	12:00	41.25990179	-72.94274001	2020-10-08 17:53:00	No + no sign of dry weather flow				
DMH-348	09:00	41.25907656	-72.94351617	2020-10-08 16:13:00	No + no sign of dry weather flow				
DMH-348	12:00	41.25907656	-72.94351617	2020-10-08 16:13:00	No + no sign of dry weather flow				
DMH-35	08:00	41.30392134	-72.97412385	2022-11-29 13:42:00	No + no sign of dry weather flow				
DMH-35	08:00	41.30392134	-72.97412385	2023-12-07 15:06:00	No + no sign of dry weather flow				
DMH-35	11:00	41.30392134	-72.97412385	2022-11-29 13:42:00	Yes	None	0	0	0.2
DMH-35	11:00	41.30392134	-72.97412385	2023-12-07 15:06:00	Yes	None	0	0	0.2
DMH-35	01:00	41.30392134	-72.97412385	2022-11-29 13:42:00	Yes	None	0	0	0.26
DMH-35	01:00	41.30392134	-72.97412385	2023-12-07 15:06:00	Yes	None	0	0	0.26
DMH-35	04:00	41.30392134	-72.97412385	2022-11-29 13:42:00	Yes	None	0	0	0.24
DMH-35	04:00	41.30392134	-72.97412385	2023-12-07 15:06:00	Yes	None	0	0	0.24
DMH-35	01:00	41.30392134	-72.97412385	2022-11-29 13:42:00	Yes		0	0	0.23
DMH-35	01:00	41.30392134	-72.97412385	2023-12-07 15:06:00	Yes		0	0	0.23
DMH-353	12:00	41.25737384	-72.94708584	2020-05-26 13:36:00	Yes				
DMH-353	09:00	41.25737384	-72.94708584	2020-05-26 13:36:00	Yes	Other	1	0	2.5
DMH-354	09:00	41.25816686	-72.94743426	2020-05-26 15:31:00	No + signs of dry weather flow				
DMH-354	12:00	41.25816686	-72.94743426	2020-05-26 15:31:00	No + signs of dry weather flow				
DMH-354	03:00	41.25816686	-72.94743426	2020-05-26 15:31:00	No + signs of dry weather flow				
DMH-355	09:00	41.25828194	-72.94701408	2020-05-26 15:39:00	No + signs of dry weather flow				
DMH-355	12:00	41.25828194	-72.94701408	2020-05-26 15:39:00	No + no sign of dry weather flow				
DMH-358	12:00	41.25748996	-72.94672325	2020-05-26 14:53:00	Could not Inspect				
DMH-359	12:00	41.2575788	-72.94623594	2020-05-26 13:59:00	Yes	Other	0	0	0.81
DMH-359	09:00	41.2575788	-72.94623594	2020-05-26 13:59:00	No + signs of dry weather flow				
DMH-36		41.2986416	-72.95640359	2019-10-24 13:54:00	Yes				
DMH-36		41.2986416	-72.95640359	2018-12-18 19:14:00	Yes				
DMH-36		41.2986416	-72.95640359	2019-10-24 14:24:00	Yes				
DMH-36		41.2986416	-72.95640359	2019-10-24 13:54:00	Yes				
DMH-36		41.2986416	-72.95640359	2018-12-18 19:14:00	Yes				
DMH-36		41.2986416	-72.95640359	2019-10-24 14:24:00	Yes				
DMH-36		41.2986416	-72.95640359	2019-10-24 13:54:00	Yes				
DMH-36		41.2986416	-72.95640359	2018-12-18 19:14:00	Yes				
DMH-36		41.2986416	-72.95640359	2019-10-24 14:24:00	Yes				
DMH-360	12:00	41.25768079	-72.94580625	2020-05-26 14:49:00	Could not Inspect				
DMH-361	09:00	41.2577791	-72.94540718	2020-05-26 14:04:00	No + signs of dry weather flow				
DMH-361	12:00	41.2577791	-72.94540718	2020-05-26 14:04:00	No + signs of dry weather flow				
DMH-361	03:00	41.2577791	-72.94540718	2020-05-26 14:04:00	No + signs of dry weather flow				
DMH-362	12:00	41.26830389	-72.94956013	2022-11-08 18:58:55	No + no sign of dry weather flow				

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-362	04:00	41.26830389	-72.94956013	2022-11-08 18:58:55	No + no sign of dry weather flow				
DMH-363	12:00	41.26857226	-72.94875224	2022-11-08 18:47:00	No + no sign of dry weather flow				
DMH-364	09:00	41.26861546	-72.94856923	2023-03-27 12:59:00	No + no sign of dry weather flow				
DMH-364	09:01	41.26861546	-72.94856923	2023-03-27 12:59:00	No + no sign of dry weather flow				
DMH-364	12:00	41.26861546	-72.94856923	2023-03-27 12:59:00	Yes	None	0	0	0.14
DMH-364	03:00	41.26861546	-72.94856923	2023-03-27 12:59:00	No + no sign of dry weather flow				
DMH-368	09:00	41.27696924	-72.94835652	2023-08-09 13:04:00	No + signs of dry weather flow				
DMH-368	03:00	41.27696924	-72.94835652	2023-08-09 13:04:00	No + no sign of dry weather flow				
DMH-369	01:00	41.27348187	-72.95083235	2023-03-09 18:48:20	No + no sign of dry weather flow				
DMH-369	03:00	41.27348187	-72.95083235	2023-03-09 18:48:20	No + no sign of dry weather flow				
DMH-37		41.28334382	-72.96854746	2023-01-30 14:28:32	Could not Inspect				
DMH-372A	09:00	41.27216127	-72.95222948	2023-03-09 19:01:04	No + no sign of dry weather flow				
DMH-372A	12:00	41.27216127	-72.95222948	2023-03-09 19:01:04	No + no sign of dry weather flow				
DMH-373		41.27155081	-72.95160686	2023-03-09 19:24:44	Could not Inspect				
DMH-374	03:00	41.26965638	-72.94891449	2023-03-27 12:41:29	No + no sign of dry weather flow				
DMH-374	09:00	41.26965638	-72.94891449	2023-03-27 12:41:29	Yes	None	0	0	0.11
DMH-375	02:00	41.2711787	-72.94943735	2023-03-27 12:36:16	No + signs of dry weather flow				
DMH-375	03:00	41.2711787	-72.94943735	2023-03-27 12:36:16	No + signs of dry weather flow				
DMH-376		41.27290902	-72.95441098	2023-03-09 16:40:31	Could not Inspect				
DMH-377		41.27231551	-72.9545269	2023-03-09 16:39:24	Could not Inspect				
DMH-380B	11:00	41.26103927	-72.95911539	2023-09-20 18:48:02	No + no sign of dry weather flow				
DMH-380B	02:00	41.26103927	-72.95911539	2023-09-20 18:48:02	No + no sign of dry weather flow				
DMH-380B	05:00	41.26103927	-72.95911539	2023-09-20 18:48:02	No + no sign of dry weather flow				
DMH-380C	09:00	41.26067067	-72.95977447	2023-09-21 19:02:00	No + no sign of dry weather flow				
DMH-380C	12:00	41.26067067	-72.95977447	2023-09-21 19:02:00	Yes	None	0	0	0.12
DMH-380C	03:00	41.26067067	-72.95977447	2023-09-21 19:02:00	No + no sign of dry weather flow				
DMH-380D	12:00	41.26060679	-72.95999992	2023-09-21 18:46:00	Yes	None	0	0	0.06
DMH-380D	02:00	41.26060679	-72.95999992	2023-09-21 18:46:00	Yes	None	0	0	0.05
DMH-380E	01:00	41.26031267	-72.96017158	2023-09-21 18:42:00	Standing Water				
DMH-380H	11:00	41.25922825	-72.9594792	2023-09-28 12:40:00	No + no sign of dry weather flow				
DMH-380H	10:00	41.25922825	-72.9594792	2023-09-28 12:40:00	No + signs of dry weather flow				
DMH-380H	09:30	41.25922825	-72.9594792	2023-09-28 12:40:00	No + signs of dry weather flow				
DMH-380I	09:00	41.25928521	-72.9599784	2023-09-21 18:32:00	Standing Water				
DMH-380I	11:00	41.25928521	-72.9599784	2023-09-21 18:32:00	Standing Water				
DMH-380I	01:00	41.25928521	-72.9599784	2023-09-21 18:32:00	No + no sign of dry weather flow				
DMH-380I	02:00	41.25928521	-72.9599784	2023-09-21 18:32:00	No + no sign of dry weather flow				
DMH-380I	04:00	41.25928521	-72.9599784	2023-09-21 18:32:00	No + no sign of dry weather flow				
DMH-380J	03:00	41.25941371	-72.95901726	2023-09-28 12:57:00	Yes	None	0	0	0.16
DMH-380K	01:00	41.25922771	-72.95893437	2023-09-28 13:27:00	No + signs of dry weather flow				
DMH-380M	11:00	41.25960261	-72.95814296	2023-09-28 14:06:00	Yes	None	0	0	0.09
DMH-380N	01:00	41.25979971	-72.95822339	2023-09-28 14:26:00	No + signs of dry weather flow				
DMH-380N	02:00	41.25979971	-72.95822339	2023-09-28 14:26:00	No + signs of dry weather flow				
DMH-380O	09:00	41.25999267	-72.95822519	2023-09-28 14:39:00	No + signs of dry weather flow				
DMH-380O	12:00	41.25999267	-72.95822519	2023-09-28 14:39:00	No + signs of dry weather flow				
DMH-380P	11:00	41.26003499	-72.95760003	2023-09-28 15:10:00	No + no sign of dry weather flow				
DMH-380P	12:00	41.26003499	-72.95760003	2023-09-28 15:10:00	No + no sign of dry weather flow				
DMH-380Q	09:00	41.26071488	-72.95789044	2023-09-20 19:06:09	No + no sign of dry weather flow				
DMH-380Q	12:00	41.26071488	-72.95789044	2023-09-20 19:06:09	No + no sign of dry weather flow				
DMH-380T	09:00	41.26072623	-72.9591044	2023-09-21 19:18:00	Yes	None	0	0	0.01
DMH-380T	03:00	41.26072623	-72.9591044	2023-09-21 19:18:00	Yes	None	0	0	0.01
DMH-380T	04:00	41.26072623	-72.9591044	2023-09-21 19:18:00	No + no sign of dry weather flow				
DMH-385		41.29670333	-72.95900159	2019-10-24 14:50:00	Yes	None	0	0	0.25
DMH-385		41.29670333	-72.95900159	2018-12-18 19:31:00	Yes	None	0	0	0.25
DMH-385		41.29670333	-72.95900159	2019-10-24 14:37:00	Yes	None	0	0	0.25
DMH-385	06:00	41.29670333	-72.95900159	2019-10-24 14:50:00	Yes		0	0	0.25

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-385	06:00	41.29670333	-72.95900159	2018-12-18 19:31:00	Yes		0	0	0.25
DMH-385	06:00	41.29670333	-72.95900159	2019-10-24 14:37:00	Yes		0	0	0.25
DMH-385		41.29670333	-72.95900159	2019-10-24 14:50:00	Yes	None	0	0	0.25
DMH-385		41.29670333	-72.95900159	2018-12-18 19:31:00	Yes	None	0	0	0.25
DMH-385		41.29670333	-72.95900159	2019-10-24 14:37:00	Yes	None	0	0	0.25
DMH-385	06:00	41.29670333	-72.95900159	2019-10-24 14:50:00	Yes		0	0	0.25
DMH-385	06:00	41.29670333	-72.95900159	2018-12-18 19:31:00	Yes		0	0	0.25
DMH-385	06:00	41.29670333	-72.95900159	2019-10-24 14:37:00	Yes		0	0	0.25
DMH-389	09:00	41.25847225	-72.94212933	2020-10-08 14:38:00	Tailwater				
DMH-389	12:00	41.25847225	-72.94212933	2020-10-08 14:38:00	No + no sign of dry weather flow				
DMH-389	03:00	41.25847225	-72.94212933	2020-10-08 14:38:00	No + no sign of dry weather flow				
DMH-395	12:00	41.26051479	-72.94090645	2020-05-28 17:43:00	No + no sign of dry weather flow				
DMH-395	03:00	41.26051479	-72.94090645	2020-05-28 17:43:00	No + no sign of dry weather flow				
DMH-397	12:00	41.26100553	-72.93924191	2020-05-28 18:05:00	Yes				
DMH-397	10:00	41.26100553	-72.93924191	2020-05-28 18:05:00	Could not Inspect				
DMH-397	02:00	41.26100553	-72.93924191	2020-05-28 18:05:00	Could not Inspect				
DMH-4	09:00	41.27728287	-72.94738751	2023-08-09 13:17:00	No + no sign of dry weather flow				
DMH-4	12:00	41.27728287	-72.94738751	2023-08-09 13:17:00	No + no sign of dry weather flow				
DMH-4	03:00	41.27728287	-72.94738751	2023-08-09 13:17:00	No + no sign of dry weather flow				
DMH-40	12:00	41.28814143	-72.96529919	2023-07-12 17:51:00	Yes	None	0	0	0.04
DMH-40	12:00	41.28814143	-72.96529919	2023-07-12 17:51:00	Yes	None	0	0	0.04
DMH-40	03:00	41.28814143	-72.96529919	2023-07-12 17:51:00	Yes	None	0	0	0.03
DMH-40	03:00	41.28814143	-72.96529919	2023-07-12 17:51:00	Yes	None	0	0	0.03
DMH-40	12:00	41.28814143	-72.96529919	2023-07-12 17:51:00	Yes	None	0	0	0.04
DMH-40	12:00	41.28814143	-72.96529919	2023-07-12 17:51:00	Yes	None	0	0	0.04
DMH-40	03:00	41.28814143	-72.96529919	2023-07-12 17:51:00	Yes	None	0	0	0.03
DMH-40	03:00	41.28814143	-72.96529919	2023-07-12 17:51:00	Yes	None	0	0	0.03
DMH-400	12:00	41.2619455	-72.93964153	2020-05-28 18:12:00	No + no sign of dry weather flow				
DMH-400	03:00	41.2619455	-72.93964153	2020-05-28 18:12:00	No + signs of dry weather flow				
DMH-403	09:00	41.26306513	-72.93892796	2020-05-28 18:33:00	No + signs of dry weather flow				
DMH-403	03:00	41.26306513	-72.93892796	2020-05-28 18:33:00	No + signs of dry weather flow				
DMH-404	08:00	41.26246216	-72.93728785	2023-07-06 13:17:00	Yes	None	0	0	0.03
DMH-404	12:00	41.26246216	-72.93728785	2023-07-06 13:17:00	Tailwater				
DMH-404	04:00	41.26246216	-72.93728785	2023-07-06 13:17:00	Tailwater				
DMH-406	09:00	41.26154179	-72.93674445	2023-07-06 13:44:00	Tailwater				
DMH-406	12:00	41.26154179	-72.93674445	2023-07-06 13:44:00	Tailwater				
DMH-406	03:00	41.26154179	-72.93674445	2023-07-06 13:44:00	Tailwater				
DMH-411	09:00	41.26226978	-72.93860415	2020-05-28 18:33:38	No + signs of dry weather flow				
DMH-411	12:00	41.26226978	-72.93860415	2020-05-28 18:33:38	No + signs of dry weather flow				
DMH-411	03:00	41.26226978	-72.93860415	2020-05-28 18:33:38	No + no sign of dry weather flow				
DMH-412	09:00	41.26219494	-72.93857059	2020-05-28 18:19:00	No + signs of dry weather flow				
DMH-412	12:00	41.26219494	-72.93857059	2020-05-28 18:19:00	No + signs of dry weather flow				
DMH-412	03:00	41.26219494	-72.93857059	2020-05-28 18:19:00	No + signs of dry weather flow				
DMH-413	09:00	41.26234348	-72.93794789	2020-05-28 18:21:00	No + no sign of dry weather flow				
DMH-413	03:00	41.26234348	-72.93794789	2020-05-28 18:21:00	No + no sign of dry weather flow				
DMH-413A	10:00	41.28882745	-72.97874385	2023-02-07 14:55:00	No + no sign of dry weather flow				
DMH-413A	10:00	41.28882745	-72.97874385	2023-02-07 14:55:00	No + no sign of dry weather flow				
DMH-413A	02:00	41.28882745	-72.97874385	2023-02-07 14:55:00	Yes	None	0	0	0.24
DMH-413A	02:00	41.28882745	-72.97874385	2023-02-07 14:55:00	Yes	None	0	0	0.24
DMH-413A	10:00	41.28882745	-72.97874385	2023-02-07 14:55:00	No + no sign of dry weather flow				
DMH-413A	10:00	41.28882745	-72.97874385	2023-02-07 14:55:00	No + no sign of dry weather flow				
DMH-413A	02:00	41.28882745	-72.97874385	2023-02-07 14:55:00	Yes	None	0	0	0.24
DMH-413A	02:00	41.28882745	-72.97874385	2023-02-07 14:55:00	Yes	None	0	0	0.24
DMH-415		41.2658078	-72.97302859	2018-08-21 19:55:00	Yes				
DMH-416	09:00	41.2788706	-72.94022886	2019-08-08 16:00:00	Yes		0	0	0.25

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-416	09:00	41.2788706	-72.94022886	2019-10-14 13:32:00	Yes		0	0	0.25
DMH-416	09:00	41.2788706	-72.94022886	2018-08-08 14:24:00	Yes		0	0	0.25
DMH-416	09:00	41.2788706	-72.94022886	2019-10-14 13:51:00	Yes		0	0	0.25
DMH-416	09:00	41.2788706	-72.94022886	2019-08-08 16:00:00	Yes	Oil/Gas	0.2	0	0.3
DMH-416	09:00	41.2788706	-72.94022886	2019-10-14 13:32:00	Yes	Oil/Gas	0.2	0	0.3
DMH-416	09:00	41.2788706	-72.94022886	2018-08-08 14:24:00	Yes	Oil/Gas	0.2	0	0.3
DMH-416	09:00	41.2788706	-72.94022886	2019-10-14 13:51:00	Yes	Oil/Gas	0.2	0	0.3
DMH-416		41.2788706	-72.94022886	2019-08-08 16:00:00	Yes		0	0	0.25
DMH-416		41.2788706	-72.94022886	2019-10-14 13:32:00	Yes		0	0	0.25
DMH-416		41.2788706	-72.94022886	2018-08-08 14:24:00	Yes		0	0	0.25
DMH-416		41.2788706	-72.94022886	2019-10-14 13:51:00	Yes		0	0	0.25
DMH-416		41.2788706	-72.94022886	2019-08-08 16:00:00	Yes	Oil/Gas	0.2	0	0.3
DMH-416		41.2788706	-72.94022886	2019-10-14 13:32:00	Yes	Oil/Gas	0.2	0	0.3
DMH-416		41.2788706	-72.94022886	2018-08-08 14:24:00	Yes	Oil/Gas	0.2	0	0.3
DMH-416		41.2788706	-72.94022886	2019-10-14 13:51:00	Yes	Oil/Gas	0.2	0	0.3
DMH-419	12:00	41.2629532	-72.93751432	2023-07-06 12:58:40	Tailwater				
DMH-419	03:00	41.2629532	-72.93751432	2023-07-06 12:58:40	Yes	None	0.25	0	0.12
DMH-420	12:00	41.26338739	-72.93774063	2023-07-06 12:39:13	Tailwater				
DMH-420	03:00	41.26338739	-72.93774063	2023-07-06 12:39:13	No + no sign of dry weather flow				
DMH-420A	12:00	41.26392553	-72.93789579	2023-07-06 12:31:00	Tailwater				
DMH-420B		41.26384904	-72.93794484	2023-07-06 12:33:00	Could not Inspect				
DMH-421	12:00	41.26284383	-72.97120877	2022-10-31 14:20:00	Yes	None	0	0	0.12
DMH-421	01:00	41.26284383	-72.97120877	2022-10-31 14:20:00	No + no sign of dry weather flow				
DMH-421	04:00	41.26284383	-72.97120877	2022-10-31 14:20:00	No + no sign of dry weather flow				
DMH-421A	01:00	41.26383517	-72.97050244	2022-10-31 13:57:00	Yes	None	0	0	0.11
DMH-421B	12:00	41.26213867	-72.97167859	2022-10-31 15:05:00	No + no sign of dry weather flow				
DMH-421B	03:00	41.26213867	-72.97167859	2022-10-31 15:05:00	Yes	None	0	0	0.09
DMH-43	09:00	41.30865728	-72.97209824	2023-07-13 18:48:00	No + no sign of dry weather flow				
DMH-43	12:00	41.30865728	-72.97209824	2023-07-13 18:48:00	Standing Water				
DMH-436	09:00	41.27432944	-72.98180808	2023-07-07 19:21:58	No + no sign of dry weather flow				
DMH-436	12:00	41.27432944	-72.98180808	2023-07-07 19:21:58	No + no sign of dry weather flow				
DMH-436	03:00	41.27432944	-72.98180808	2023-07-07 19:21:58	Could not Inspect				
DMH-438	09:00	41.24684652	-72.98904676	2020-06-02 13:02:00	No + no sign of dry weather flow				
DMH-438	01:00	41.24684652	-72.98904676	2020-06-02 13:02:00	No + no sign of dry weather flow				
DMH-438	03:00	41.24684652	-72.98904676	2020-06-02 13:02:00	Yes	None	0	0	0.08
DMH-438	04:00	41.24684652	-72.98904676	2020-06-02 13:02:00	No + no sign of dry weather flow				
DMH-440	12:00	41.24850532	-72.98905127	2020-12-04 18:03:00	Yes	None	0	0	0.73
DMH-441	12:00	41.24895484	-72.98746958	2020-12-04 18:28:00	Yes	None	0	0	0.27
DMH-441	02:00	41.24895484	-72.98746958	2020-12-04 18:28:00	No + no sign of dry weather flow				
DMH-441	10:00	41.24895484	-72.98746958	2020-12-04 18:28:00	Yes	None	0	0	0.31
DMH-442	12:00	41.2487929	-72.98652173	2020-12-04 18:46:00	No + no sign of dry weather flow				
DMH-442	08:00	41.2487929	-72.98652173	2020-12-04 18:46:00	No + no sign of dry weather flow				
DMH-442	09:00	41.2487929	-72.98652173	2020-12-04 18:46:00	Yes	None	0	0	0.26
DMH-443	01:00	41.24940555	-72.98503503	2020-12-04 19:07:00	No + no sign of dry weather flow				
DMH-443	08:00	41.24940555	-72.98503503	2020-12-04 19:07:00	No + no sign of dry weather flow				
DMH-443	09:00	41.24940555	-72.98503503	2020-12-04 19:07:00	Yes	None	0	0	0.34
DMH-444	02:00	41.24989594	-72.98406728	2020-12-04 19:08:00	No + no sign of dry weather flow				
DMH-444	10:00	41.24989594	-72.98406728	2020-12-04 19:08:00	No + no sign of dry weather flow				
DMH-445	12:00	41.24617418	-72.98760624	2020-06-01 18:56:00	Yes	None	0	0	0.07
DMH-445	01:00	41.24617418	-72.98760624	2020-06-01 18:56:00	Yes	None	0	0	0.07
DMH-445	04:00	41.24617418	-72.98760624	2020-06-01 18:56:00	Yes	None	0	0	0.07
DMH-446	10:00	41.27259209	-72.97375037	2020-11-10 21:07:00	No + no sign of dry weather flow				
DMH-446	10:00	41.27259209	-72.97375037	2020-11-10 16:29:00	No + no sign of dry weather flow				
DMH-446	12:00	41.27259209	-72.97375037	2020-11-10 21:07:00	No + signs of dry weather flow				
DMH-446	12:00	41.27259209	-72.97375037	2020-11-10 16:29:00	No + signs of dry weather flow				

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-446	02:00	41.27259209	-72.97375037	2020-11-10 21:07:00	Yes	None	0	0	0.09
DMH-446	02:00	41.27259209	-72.97375037	2020-11-10 16:29:00	Yes	None	0	0	0.09
DMH-446	02:00	41.27259209	-72.97375037	2020-11-10 21:07:00	Yes	None	0	0	0.09
DMH-446	02:00	41.27259209	-72.97375037	2020-11-10 16:29:00	Yes	None	0	0	0.09
DMH-446	10:00	41.27259209	-72.97375037	2020-11-10 21:07:00	No + no sign of dry weather flow				
DMH-446	10:00	41.27259209	-72.97375037	2020-11-10 16:29:00	No + no sign of dry weather flow				
DMH-446	12:00	41.27259209	-72.97375037	2020-11-10 21:07:00	No + signs of dry weather flow				
DMH-446	12:00	41.27259209	-72.97375037	2020-11-10 16:29:00	No + signs of dry weather flow				
DMH-447	08:00	41.27299891	-72.97311413	2020-11-10 16:25:00	No + no sign of dry weather flow				
DMH-447	10:00	41.27299891	-72.97311413	2020-11-10 16:25:00	No + signs of dry weather flow				
DMH-447	12:00	41.27299891	-72.97311413	2020-11-10 16:25:00	Yes	None	0	0	0.05
DMH-447	04:00	41.27299891	-72.97311413	2020-11-10 16:25:00	Yes	None	0	0	0.14
DMH-447	04:00	41.27299891	-72.97311413	2020-11-10 16:25:00	Yes	None	0	0	0.14
DMH-447	08:00	41.27299891	-72.97311413	2020-11-10 16:25:00	No + no sign of dry weather flow				
DMH-447	10:00	41.27299891	-72.97311413	2020-11-10 16:25:00	No + signs of dry weather flow				
DMH-447	12:00	41.27299891	-72.97311413	2020-11-10 16:25:00	Yes	None	0	0	0.05
DMH-449		41.27520071	-72.97581005	2023-07-13 17:39:17	Could not Inspect				
DMH-449A		41.27570497	-72.97507181	2023-08-09 17:25:00	Could not Inspect				
DMH-449B		41.27475433	-72.97375236	2023-08-09 17:15:00	Could not Inspect				
DMH-449C		41.27444541	-72.97329155	2023-08-09 16:57:00	Could not Inspect				
DMH-450	12:00	41.27560489	-72.97651625	2023-07-13 17:48:20	No + no sign of dry weather flow				
DMH-450	03:00	41.27560489	-72.97651625	2023-07-13 17:48:20	No + no sign of dry weather flow				
DMH-452		41.25882664	-72.94032199	2020-05-28 17:07:00	Could not Inspect				
DMH-453	03:00	41.25924358	-72.93848923	2020-05-28 12:50:00	Yes	None	0	0	1.33
DMH-453	12:00	41.25924358	-72.93848923	2020-05-28 12:50:00	Yes	None	1	0	1.54
DMH-453	09:00	41.25924358	-72.93848923	2020-05-28 12:50:00	Could not Inspect				
DMH-454	01:00	41.25726074	-72.9474906	2020-05-26 13:04:00	Yes	None	0	0	1.27
DMH-454	09:00	41.25726074	-72.9474906	2020-05-26 13:04:00	Yes	None	0	0	1.05
DMH-455	09:00	41.25801238	-72.94444601	2020-05-26 14:11:00	Yes	Sewage,Other	6	0	1.77
DMH-457	03:00	41.25816957	-72.94355831	2020-10-08 17:26:00	No + no sign of dry weather flow				
DMH-458	12:00	41.25824427	-72.94314534	2020-10-08 15:51:00	Tailwater				
DMH-458	03:00	41.25824427	-72.94314534	2020-10-08 15:51:00	Tailwater				
DMH-46	09:00	41.30871423	-72.97289563	2023-07-13 19:07:00	No + no sign of dry weather flow				
DMH-46	09:00	41.30871423	-72.97289563	2023-07-20 12:56:21	No + no sign of dry weather flow				
DMH-46	12:00	41.30871423	-72.97289563	2023-07-13 19:07:00	Could not Inspect				
DMH-46	12:00	41.30871423	-72.97289563	2023-07-20 12:56:21	Could not Inspect				
DMH-46	01:30	41.30871423	-72.97289563	2023-07-13 19:07:00	No + no sign of dry weather flow				
DMH-46	01:30	41.30871423	-72.97289563	2023-07-20 12:56:21	No + no sign of dry weather flow				
DMH-46	01:00	41.30871423	-72.97289563	2023-07-13 19:07:00	Yes	None	0	0	
DMH-46	01:00	41.30871423	-72.97289563	2023-07-20 12:56:21	Yes	None	0	0	
DMH-46	09:00	41.30871423	-72.97289563	2023-07-13 19:07:00	No + no sign of dry weather flow				
DMH-46	09:00	41.30871423	-72.97289563	2023-07-20 12:56:21	No + no sign of dry weather flow				
DMH-46	12:00	41.30871423	-72.97289563	2023-07-13 19:07:00	Standing Water				
DMH-46	12:00	41.30871423	-72.97289563	2023-07-20 12:56:21	Standing Water				
DMH-46	01:00	41.30871423	-72.97289563	2023-07-13 19:07:00	Yes	None	0	0	0.02
DMH-46	01:00	41.30871423	-72.97289563	2023-07-20 12:56:21	Yes	None	0	0	0.02
DMH-46	01:30	41.30871423	-72.97289563	2023-07-13 19:07:00	No + no sign of dry weather flow				
DMH-46	01:30	41.30871423	-72.97289563	2023-07-20 12:56:21	No + no sign of dry weather flow				
DMH-460	01:00	41.25719257	-72.94758561	2020-05-26 12:56:00	Yes	Other	0	0	1.14
DMH-461	09:00	41.25739642	-72.94772692	2020-05-26 16:58:00	No + no sign of dry weather flow				
DMH-461	12:00	41.25739642	-72.94772692	2020-05-26 16:58:00	No + no sign of dry weather flow				
DMH-464	12:00	41.25857843	-72.94216889	2020-10-08 15:16:00	No + no sign of dry weather flow				
DMH-466	12:00	41.25711305	-72.95128277	2023-01-11 14:06:42	Tailwater				
DMH-466	03:00	41.25711305	-72.95128277	2023-01-11 14:06:42	Yes	None	0	0	1.21
DMH-467	11:00	41.26682417	-72.94801647	2023-03-27 13:13:00	Yes	None	0	0	0.19

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-467	02:00	41.26682417	-72.94801647	2023-03-27 13:13:00	Yes	None	0	0	0.21
DMH-467A	11:00	41.26696719	-72.94811572	2022-11-08 14:48:00	Standing Water				
DMH-468	09:00	41.26685084	-72.94789622	2022-11-08 14:29:00	No + no sign of dry weather flow				
DMH-468	12:00	41.26685084	-72.94789622	2022-11-08 14:29:00	No + no sign of dry weather flow				
DMH-469	10:00	41.26679164	-72.94803062	2022-11-08 14:38:00	No + no sign of dry weather flow				
DMH-469	04:00	41.26679164	-72.94803062	2022-11-08 14:38:00	No + signs of dry weather flow				
DMH-46A	09:00	41.30870912	-72.97291933	2023-07-13 19:26:00	Standing Water				
DMH-46A	09:00	41.30870912	-72.97291933	2023-07-20 13:14:50	Standing Water				
DMH-46A	12:00	41.30870912	-72.97291933	2023-07-13 19:26:00	Yes	None	0	0	
DMH-46A	12:00	41.30870912	-72.97291933	2023-07-20 13:14:50	Yes	None	0	0	
DMH-46A	08:00	41.30870912	-72.97291933	2023-07-13 19:26:00	Could not Inspect				
DMH-46A	08:00	41.30870912	-72.97291933	2023-07-20 13:14:50	Could not Inspect				
DMH-46A	11:30	41.30870912	-72.97291933	2023-07-13 19:26:00	No + signs of dry weather flow				
DMH-46A	11:30	41.30870912	-72.97291933	2023-07-20 13:14:50	No + signs of dry weather flow				
DMH-46A	12:00	41.30870912	-72.97291933	2023-07-13 19:26:00	Yes	None	0	0	0.04
DMH-46A	12:00	41.30870912	-72.97291933	2023-07-20 13:14:50	Yes	None	0	0	0.04
DMH-46A	10:00	41.30870912	-72.97291933	2023-07-13 19:26:00	No + no sign of dry weather flow				
DMH-46A	10:00	41.30870912	-72.97291933	2023-07-20 13:14:50	No + no sign of dry weather flow				
DMH-46B	09:00	41.3086046	-72.97261607	2023-07-13 18:54:00	No + no sign of dry weather flow				
DMH-46B	09:30	41.3086046	-72.97261607	2023-07-13 18:54:00	No + no sign of dry weather flow				
DMH-46B	10:00	41.3086046	-72.97261607	2023-07-13 18:54:00	Standing Water				
DMH-46B	02:00	41.3086046	-72.97261607	2023-07-13 18:54:00	Yes		0	0	0.01
DMH-470	12:00	41.26816015	-72.94627625	2022-10-20 19:12:00	No + no sign of dry weather flow				
DMH-470	03:00	41.26816015	-72.94627625	2022-10-20 19:12:00	No + no sign of dry weather flow				
DMH-470A	01:00	41.26902178	-72.94663008	2022-10-20 19:19:00	No + no sign of dry weather flow				
DMH-471		41.26738078	-72.9459757	2022-10-20 18:50:00	Could not Inspect				
DMH-472		41.26817921	-72.94402051	2022-06-24 12:33:00	Tailwater				
DMH-473	12:00	41.26906149	-72.94426932	2022-06-24 12:47:00	Tailwater				
DMH-473	02:30	41.26906149	-72.94426932	2022-06-24 12:47:00	Yes	None	0	0	0.22
DMH-47A	09:00	41.30071687	-72.96723785	2023-10-10 14:29:00	Yes		0	0	0.08
DMH-47A	12:00	41.30071687	-72.96723785	2023-10-10 14:29:00	Standing Water				
DMH-480	09:00	41.27926952	-72.95197477	2023-10-02 14:10:00	No + no sign of dry weather flow				
DMH-480	12:00	41.27926952	-72.95197477	2023-10-02 14:10:00	No + no sign of dry weather flow				
DMH-480	03:00	41.27926952	-72.95197477	2023-10-02 14:10:00	Yes	None	0	0	0.08
DMH-481	12:00	41.27136527	-72.96049196	2023-08-17 12:49:09	No + signs of dry weather flow				
DMH-481	10:00	41.27136527	-72.96049196	2023-08-17 12:49:09	No + no sign of dry weather flow				
DMH-489	12:00	41.28004676	-72.95555267	2023-10-12 14:03:00	No + signs of dry weather flow				
DMH-489	03:00	41.28004676	-72.95555267	2023-10-12 14:03:00	No + no sign of dry weather flow				
DMH-489	05:00	41.28004676	-72.95555267	2023-10-12 14:03:00	No + no sign of dry weather flow				
DMH-498	10:00	41.25122215	-72.97272152	2019-11-14 18:22:00	Yes	None	0	0	0.25
DMH-499	12:00	41.25742085	-72.96151429	2023-09-20 17:35:02	No + no sign of dry weather flow				
DMH-499	02:00	41.25742085	-72.96151429	2023-09-20 17:35:02	No + no sign of dry weather flow				
DMH-499	10:00	41.25742085	-72.96151429	2023-09-20 17:35:02	No + no sign of dry weather flow				
DMH-5	12:00	41.27738072	-72.94707463	2023-08-09 13:23:00	No + no sign of dry weather flow				
DMH-5	03:00	41.27738072	-72.94707463	2023-08-09 13:23:00	No + no sign of dry weather flow				
DMH-503	12:00	41.24750485	-72.96525501	2020-11-19 14:52:00	No + signs of dry weather flow				
DMH-503	12:00	41.24750485	-72.96525501	2023-09-15 17:51:00	No + signs of dry weather flow				
DMH-503		41.24750485	-72.96525501	2020-11-19 14:52:00	No + no sign of dry weather flow				
DMH-503		41.24750485	-72.96525501	2023-09-15 17:51:00	No + no sign of dry weather flow				
DMH-503	12:00	41.24750485	-72.96525501	2020-11-19 14:52:00	Could not Inspect				
DMH-503	12:00	41.24750485	-72.96525501	2023-09-15 17:51:00	Could not Inspect				
DMH-503	04:00	41.24750485	-72.96525501	2020-11-19 14:52:00	No + no sign of dry weather flow				
DMH-503	04:00	41.24750485	-72.96525501	2023-09-15 17:51:00	No + no sign of dry weather flow				
DMH-504		41.30608731	-72.97110685	2018-09-17 14:10:00	Yes				
DMH-506	12:00	41.25954722	-72.9671026	2023-08-17 14:29:00	Yes	None	0	0	0.02

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-506	09:00	41.25954722	-72.9671026	2023-08-17 14:29:00	No + no sign of dry weather flow				
DMH-506A	12:00	41.25991424	-72.96701205	2023-08-17 15:46:00	No + signs of dry weather flow				
DMH-506B	09:00	41.26010715	-72.9674359	2023-08-17 15:54:00	No + signs of dry weather flow				
DMH-506B	03:00	41.26010715	-72.9674359	2023-08-17 15:54:00	No + signs of dry weather flow				
DMH-506C	12:00	41.26007243	-72.96741674	2023-08-17 16:03:00	No + signs of dry weather flow				
DMH-506F	09:00	41.26014264	-72.96752552	2023-08-17 17:15:00	No + signs of dry weather flow				
DMH-506F	09:30	41.26014264	-72.96752552	2023-08-17 17:15:00	No + signs of dry weather flow				
DMH-507	11:30	41.25903094	-72.96776036	2023-08-17 14:51:00	No + signs of dry weather flow				
DMH-507	12:00	41.25903094	-72.96776036	2023-08-17 14:51:00	Yes		0	0	0.04
DMH-507	12:30	41.25903094	-72.96776036	2023-08-17 14:51:00	Yes		0	0	0.1
DMH-508		41.27923725	-72.93904603	2019-10-14 13:48:00	Yes	Oil/Gas	0.2	0	0.7
DMH-509	12:00	41.24439422	-72.97067486	2020-12-10 13:59:00	Yes	Oil/Gas	0	0	0.2
DMH-50A	09:00	41.29185516	-72.96386962	2023-08-09 14:12:54	No + no sign of dry weather flow				
DMH-50A	12:00	41.29185516	-72.96386962	2023-08-09 14:12:54	No + no sign of dry weather flow				
DMH-50B	03:00	41.29204466	-72.96331362	2023-08-09 13:42:54	No + no sign of dry weather flow				
DMH-50C	09:00	41.29207023	-72.96332891	2023-08-09 13:39:23	No + no sign of dry weather flow				
DMH-50C	02:00	41.29207023	-72.96332891	2023-08-09 13:39:23	No + no sign of dry weather flow				
DMH-50D	12:00	41.29209176	-72.96340067	2023-08-09 13:56:04	No + no sign of dry weather flow				
DMH-510	09:00	41.24540128	-72.9693936	2023-09-15 15:01:00	No + no sign of dry weather flow				
DMH-510	12:00	41.24540128	-72.9693936	2023-09-15 15:01:00	Yes	None,Chlorine	0	10	0.3
DMH-510	02:00	41.24540128	-72.9693936	2023-09-15 15:01:00	No + no sign of dry weather flow				
DMH-511	10:00	41.24551142	-72.96939858	2023-09-15 15:05:29	No + no sign of dry weather flow				
DMH-511	01:00	41.24551142	-72.96939858	2023-09-15 15:05:29	No + no sign of dry weather flow				
DMH-511	04:00	41.24551142	-72.96939858	2023-09-15 15:05:29	No + no sign of dry weather flow				
DMH-511A		41.28649842	-72.97859369	2023-02-07 19:04:33	Could not Inspect				
DMH-513		41.26228392	-72.96702302	2023-08-02 14:53:00	Could not Inspect		0	0	
DMH-513A	01:00	41.26146934	-72.96482147	2022-05-25 17:34:43	Yes	None	0	0	0.09
DMH-513B	11:00	41.26217047	-72.96608354	2023-08-02 14:42:00	Yes	None	0	0	0.1
DMH-514	2:00	41.26231136	-72.96714842	2023-08-02 14:54:00	Yes	None	0	0	0.1
DMH-515	03:00	41.27477272	-72.94606915	2020-09-29 16:50:00	No + no sign of dry weather flow				
DMH-515	12:00	41.27477272	-72.94606915	2020-09-29 16:50:00	No + no sign of dry weather flow				
DMH-516	11:00	41.25144048	-72.96372614	2023-09-01 18:38:00	No + no sign of dry weather flow				
DMH-516	12:00	41.25144048	-72.96372614	2023-09-01 18:38:00	No + signs of dry weather flow				
DMH-516	02:30	41.25144048	-72.96372614	2023-09-01 18:38:00	No + no sign of dry weather flow				
DMH-518	09:00	41.25248832	-72.96411255	2023-09-01 18:49:19	No + no sign of dry weather flow				
DMH-52		41.2995942	-72.95476894	2019-10-24 13:22:00	Yes	None	0	0	0.25
DMH-52		41.2995942	-72.95476894	2018-12-18 19:09:00	Yes	None	0	0	0.25
DMH-52		41.2995942	-72.95476894	2019-10-24 14:17:00	Yes	None	0	0	0.25
DMH-52		41.2995942	-72.95476894	2019-10-24 13:22:00	Yes		0	0	0.25
DMH-52		41.2995942	-72.95476894	2018-12-18 19:09:00	Yes		0	0	0.25
DMH-52		41.2995942	-72.95476894	2019-10-24 14:17:00	Yes		0	0	0.25
DMH-520	10:00	41.23887445	-72.98757027	2023-07-06 17:55:00	Yes	None	0	0	0.03
DMH-520	11:00	41.23887445	-72.98757027	2023-07-06 17:55:00	Yes	None	0	0	0.07
DMH-520	12:00	41.23887445	-72.98757027	2023-07-06 17:55:00	Yes	None	0	0	0.06
DMH-520	01:00	41.23887445	-72.98757027	2023-07-06 17:55:00	No + no sign of dry weather flow				
DMH-520	02:00	41.23887445	-72.98757027	2023-07-06 17:55:00	Yes	None	0	0	0.06
DMH-520A	12:00	41.28784448	-72.97928403	2023-02-07 16:40:08	Yes	None	0	0	0.19
DMH-520A	03:00	41.28784448	-72.97928403	2023-02-07 16:40:08	Yes	None	0	0	0.12
DMH-520B	12:00	41.2383808	-72.9872799	2023-07-06 17:31:00	Standing Water				
DMH-520C	03:00	41.23875787	-72.98714052	2023-07-06 17:40:00	No + no sign of dry weather flow				
DMH-520C	03:00	41.23875787	-72.98714052	2023-07-12 12:25:50	No + no sign of dry weather flow				
DMH-520C	09:00	41.23875787	-72.98714052	2023-07-06 17:40:00	Yes	None	0	0	0.04
DMH-520C	09:00	41.23875787	-72.98714052	2023-07-12 12:25:50	Yes	None	0	0	0.04
DMH-520C	09:00	41.23875787	-72.98714052	2023-07-06 17:40:00	Yes	None	0	0	0.07
DMH-520C	09:00	41.23875787	-72.98714052	2023-07-12 12:25:50	Yes	None	0	0	0.07

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-520C	03:00	41.23875787	-72.98714052	2023-07-06 17:40:00	No + no sign of dry weather flow				
DMH-520C	03:00	41.23875787	-72.98714052	2023-07-12 12:25:50	No + no sign of dry weather flow				
DMH-5221	09:00	41.25846876	-72.98393301	2020-11-05 14:59:00	No + no sign of dry weather flow				
DMH-5221	01:00	41.25846876	-72.98393301	2020-11-05 14:59:00	Yes	None	0	0	0.31
DMH-5239A	09:00	41.26692732	-72.97563301	2023-08-17 15:05:00	No + no sign of dry weather flow				
DMH-5239A	12:00	41.26692732	-72.97563301	2023-08-17 15:05:00	Yes	None	0	0	0.09
DMH-5239A	03:00	41.26692732	-72.97563301	2023-08-17 15:05:00	No + signs of dry weather flow				
DMH-525A	12:00	41.28592547	-72.97811013	2023-02-07 19:24:57	No + signs of dry weather flow				
DMH-525A	03:00	41.28592547	-72.97811013	2023-02-07 19:24:57	No + signs of dry weather flow				
DMH-527	12:00	41.25686259	-72.96898709	2023-08-22 18:09:29	No + signs of dry weather flow				
DMH-527	03:00	41.25686259	-72.96898709	2023-08-22 18:09:29	Yes	None	0	0	0.12
DMH-527A		41.25714121	-72.96933985	2023-08-22 17:49:00	Could not Inspect				
DMH-53	11:00	41.28303061	-72.96788316	2023-01-30 13:23:00	Yes	None	0	0	0
DMH-53	11:00	41.28303061	-72.96788316	2023-12-07 17:55:53	Yes	None	0	0	0
DMH-53	02:00	41.28303061	-72.96788316	2023-01-30 13:23:00	Yes	None	0	0	0.03
DMH-53	02:00	41.28303061	-72.96788316	2023-12-07 17:55:53	Yes	None	0	0	0.03
DMH-53	11:00	41.28303061	-72.96788316	2023-01-30 13:23:00	Yes		0	0	0.2
DMH-53	11:00	41.28303061	-72.96788316	2023-12-07 17:55:53	Yes		0	0	0.2
DMH-5329B		41.2671106	-72.97580434	2023-08-17 14:51:49	Could not Inspect				
DMH-538		41.24761107	-72.97339304	2018-08-21 15:09:00	Yes		0.2	0	0.5
DMH-539		41.25226473	-72.97423265	2023-10-26 18:19:00	Could not Inspect				
DMH-540	09:00	41.23768167	-72.97870517	2023-07-31 17:40:21	Yes	None	0	0	0.08
DMH-540	03:00	41.23768167	-72.97870517	2023-07-31 17:40:21	No + no sign of dry weather flow				
DMH-541	09:00	41.24984926	-72.96320007	2023-09-28 17:43:41	Could not Inspect				
DMH-541	04:00	41.24984926	-72.96320007	2023-09-28 17:43:41	Yes	None	0	0	0.19
DMH-543	12:00	41.25652886	-72.96335403	2023-09-20 17:51:28	Could not Inspect				
DMH-548		41.28205073	-72.96554056	2023-01-17 20:39:00	Could not Inspect				
DMH-55		41.29770212	-72.95946777	2019-10-24 14:35:00	Yes				
DMH-55		41.29770212	-72.95946777	2018-12-18 19:22:00	Yes				
DMH-55		41.29770212	-72.95946777	2019-10-24 14:35:00	Yes				
DMH-55		41.29770212	-72.95946777	2018-12-18 19:22:00	Yes				
DMH-55	06:00	41.29770212	-72.95946777	2019-10-24 14:35:00	Yes				
DMH-55	06:00	41.29770212	-72.95946777	2018-12-18 19:22:00	Yes				
DMH-55		41.29770212	-72.95946777	2019-10-24 14:35:00	Yes				
DMH-55		41.29770212	-72.95946777	2018-12-18 19:22:00	Yes				
DMH-556	09:00	41.27234874	-72.97747801	2023-07-13 16:31:32	No + no sign of dry weather flow				
DMH-556	03:00	41.27234874	-72.97747801	2023-07-13 16:31:32	No + no sign of dry weather flow				
DMH-557	09:00	41.2456648	-72.98936239	2020-06-01 17:45:00	Yes	Sewage	1	0	0.09
DMH-56	09:00	41.28346255	-72.96830125	2023-01-30 14:20:11	No + signs of dry weather flow				
DMH-56	12:00	41.28346255	-72.96830125	2023-01-30 14:20:11	No + no sign of dry weather flow				
DMH-565		41.2442026	-72.98801285	2020-06-02 15:35:00	No + no sign of dry weather flow				
DMH-566		41.28337661	-72.96879865	2023-01-30 14:34:50	Could not Inspect				
DMH-567	12:00	41.28893511	-72.96596666	2023-07-13 13:18:00	Yes	None	0	0	0.08
DMH-567A	10:00	41.28966555	-72.96664576	2023-07-13 14:20:00	No + no sign of dry weather flow				
DMH-567A	12:00	41.28966555	-72.96664576	2023-07-13 14:20:00	No + no sign of dry weather flow				
DMH-568	09:00	41.2742545	-72.97209391	2020-06-08 14:49:00	No + signs of dry weather flow				
DMH-568	12:00	41.2742545	-72.97209391	2020-06-08 14:49:00	No + no sign of dry weather flow				
DMH-572	12:00	41.28799512	-72.96546441	2023-07-13 14:44:00	Standing Water				
DMH-572	05:30	41.28799512	-72.96546441	2023-07-13 14:44:00	No + no sign of dry weather flow				
DMH-574		41.27887566	-72.97767416	2023-01-17 16:25:19	Could not Inspect				
DMH-575		41.2783046	-72.97797987	2023-01-17 16:11:15	Could not Inspect				
DMH-576		41.27796749	-72.9782922	2023-01-17 16:08:32	Could not Inspect				
DMH-577	12:00	41.27309071	-72.98119375	2023-07-20 18:28:00	Yes	None	0	0	0.03
DMH-577	05:00	41.27309071	-72.98119375	2023-07-20 18:28:00	No + no sign of dry weather flow				
DMH-580	06:30	41.27271487	-72.98289131	2023-07-20 15:46:00	Yes	None	0	0	0.13

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-580	08:00	41.27271487	-72.98289131	2023-07-20 15:46:00	No + no sign of dry weather flow				
DMH-580	11:00	41.27271487	-72.98289131	2023-07-20 15:46:00	Yes	None	0	0	0.04
DMH-580	12:00	41.27271487	-72.98289131	2023-07-20 15:46:00	Standing Water				
DMH-580	05:30	41.27271487	-72.98289131	2023-07-20 15:46:00	Yes	None,Sharp/Pungent	0	0	0.07
DMH-581	12:00	41.27288953	-72.98397958	2023-07-20 15:12:00	Yes	None	0	0	0.1
DMH-581	03:00	41.27288953	-72.98397958	2023-07-20 15:12:00	No + no sign of dry weather flow				
DMH-581	09:00	41.27288953	-72.98397958	2023-07-20 15:12:00	Could not Inspect				
DMH-582	12:00	41.27302783	-72.98456628	2023-07-07 14:24:00	Standing Water				
DMH-582	01:00	41.27302783	-72.98456628	2023-07-07 14:24:00	No + no sign of dry weather flow				
DMH-582	02:00	41.27302783	-72.98456628	2023-07-07 14:24:00	No + no sign of dry weather flow				
DMH-582	04:00	41.27302783	-72.98456628	2023-07-07 14:24:00	No + no sign of dry weather flow				
DMH-583	12:00	41.27281566	-72.98476802	2023-07-07 14:09:00	No + no sign of dry weather flow				
DMH-583	03:00	41.27281566	-72.98476802	2023-07-07 14:09:00	Standing Water				
DMH-583	05:00	41.27281566	-72.98476802	2023-07-07 14:09:00	No + no sign of dry weather flow				
DMH-584	09:00	41.27359215	-72.98387334	2023-07-07 15:43:00	Standing Water				
DMH-584	12:00	41.27359215	-72.98387334	2023-07-07 15:43:00	Standing Water				
DMH-585	07:00	41.27356817	-72.98405516	2023-07-07 15:08:00	No + no sign of dry weather flow				
DMH-585	09:00	41.27356817	-72.98405516	2023-07-07 15:08:00	Yes	None	0	0	0.04
DMH-585	12:00	41.27356817	-72.98405516	2023-07-07 15:08:00	No + no sign of dry weather flow				
DMH-585	02:00	41.27356817	-72.98405516	2023-07-07 15:08:00	Standing Water				
DMH-585	03:00	41.27356817	-72.98405516	2023-07-07 15:08:00	No + no sign of dry weather flow				
DMH-586	10:00	41.27419323	-72.98423878	2023-07-12 13:57:51	Yes	None	0	0	0.1
DMH-586	11:00	41.27419323	-72.98423878	2023-07-12 13:57:51	No + no sign of dry weather flow				
DMH-586	12:00	41.27419323	-72.98423878	2023-07-12 13:57:51	Yes	None	0	0	0.07
DMH-587	12:00	41.27460718	-72.98377646	2023-07-12 14:34:41	Yes	None	0	0	0.05
DMH-588	10:00	41.27523414	-72.98352293	2023-07-12 14:47:08	Could not Inspect				
DMH-588	02:00	41.27523414	-72.98352293	2023-07-12 14:47:08	No + no sign of dry weather flow				
DMH-589	09:00	41.27425156	-72.98287558	2023-07-07 17:51:34	No + no sign of dry weather flow				
DMH-589	12:00	41.27425156	-72.98287558	2023-07-07 17:51:34	Yes	None	0	0	0.09
DMH-589	03:00	41.27425156	-72.98287558	2023-07-07 17:51:34	No + no sign of dry weather flow				
DMH-590	11:00	41.27474439	-72.98262649	2023-07-07 18:24:21	Yes	None	0	0	0.07
DMH-590	02:00	41.27474439	-72.98262649	2023-07-07 18:24:21	Standing Water				
DMH-590A		41.27478491	-72.98242387	2023-07-07 19:12:41	Could not Inspect				
DMH-591	12:00	41.27450894	-72.98207884	2023-07-07 19:14:06	Could not Inspect				
DMH-591	03:00	41.27450894	-72.98207884	2023-07-07 19:14:06	No + no sign of dry weather flow				
DMH-592	11:00	41.27359759	-72.98335163	2023-07-07 17:01:00	Yes	None	0	0	0
DMH-592	04:00	41.27359759	-72.98335163	2023-07-07 17:01:00	Yes	None	0	0	0.04
DMH-593	01:00	41.27399341	-72.98439946	2023-07-12 13:51:08	Standing Water				
DMH-594	12:00	41.27515526	-72.98124024	2023-07-13 19:04:49	Yes	None	0	0	0.04
DMH-594	03:00	41.27515526	-72.98124024	2023-07-13 19:04:49	No + signs of dry weather flow				
DMH-595	11:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.06
DMH-595	11:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.06
DMH-595	11:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.06
DMH-595	12:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.07
DMH-595	12:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.07
DMH-595	12:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.07
DMH-595	01:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.04
DMH-595	01:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.04
DMH-595	01:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.04
DMH-595	03:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.04
DMH-595	03:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.04
DMH-595	03:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.04
DMH-595	05:00	41.275275	-72.98169459	2023-07-12 17:43:00	No + no sign of dry weather flow				
DMH-595	05:00	41.275275	-72.98169459	2023-07-12 17:43:00	No + no sign of dry weather flow				
DMH-595	05:00	41.275275	-72.98169459	2023-07-12 17:43:00	No + no sign of dry weather flow				

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-595	11:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.06
DMH-595	11:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.06
DMH-595	11:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.06
DMH-595	12:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.07
DMH-595	12:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.07
DMH-595	12:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.07
DMH-595	01:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.04
DMH-595	01:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.04
DMH-595	01:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.04
DMH-595	03:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.04
DMH-595	03:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.04
DMH-595	03:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.04
DMH-595	05:00	41.275275	-72.98169459	2023-07-12 17:43:00	No + no sign of dry weather flow				
DMH-595	05:00	41.275275	-72.98169459	2023-07-12 17:43:00	No + no sign of dry weather flow				
DMH-595	05:00	41.275275	-72.98169459	2023-07-12 17:43:00	No + no sign of dry weather flow				
DMH-595	11:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.06
DMH-595	11:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.06
DMH-595	11:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.06
DMH-595	12:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.07
DMH-595	12:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.07
DMH-595	12:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.07
DMH-595	01:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.04
DMH-595	01:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.04
DMH-595	01:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.04
DMH-595	03:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.04
DMH-595	03:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.04
DMH-595	03:00	41.275275	-72.98169459	2023-07-12 17:43:00	Yes	None	0	0	0.04
DMH-595	05:00	41.275275	-72.98169459	2023-07-12 17:43:00	No + no sign of dry weather flow				
DMH-595	05:00	41.275275	-72.98169459	2023-07-12 17:43:00	No + no sign of dry weather flow				
DMH-595	05:00	41.275275	-72.98169459	2023-07-12 17:43:00	No + no sign of dry weather flow				
DMH-596	02:00	41.27560927	-72.98071378	2023-07-13 16:58:04	Yes	None	0	0	0.05
DMH-597	08:00	41.27594884	-72.98077371	2023-07-13 18:03:00	Could not Inspect				
DMH-597	12:00	41.27594884	-72.98077371	2023-07-13 18:03:00	Yes	None	0	0	0.04
DMH-6	09:00	41.27764264	-72.94621834	2023-08-09 13:28:00	No + no sign of dry weather flow				
DMH-6	12:00	41.27764264	-72.94621834	2023-08-09 13:28:00	No + no sign of dry weather flow				
DMH-6	03:00	41.27764264	-72.94621834	2023-08-09 13:28:00	No + no sign of dry weather flow				
DMH-60	07:00	41.28032903	-72.97538405	2020-11-05 20:04:00	No + no sign of dry weather flow				
DMH-60	11:00	41.28032903	-72.97538405	2020-11-05 20:04:00	No + no sign of dry weather flow				
DMH-604	12:00	41.27241799	-72.97396175	2020-11-10 21:17:00	Yes	None	0	0	0.09
DMH-604	12:00	41.27241799	-72.97396175	2020-11-10 16:31:00	Yes	None	0	0	0.09
DMH-604	12:00	41.27241799	-72.97396175	2020-11-10 21:17:00	Yes	None	0	0	0.09
DMH-604	12:00	41.27241799	-72.97396175	2020-11-10 16:31:00	Yes	None	0	0	0.09
DMH-607	12:00	41.26310424	-72.9440643	2020-10-08 19:17:00	No + no sign of dry weather flow				
DMH-607	03:00	41.26310424	-72.9440643	2020-10-08 19:17:00	No + no sign of dry weather flow				
DMH-609	12:00	41.26819438	-72.93310491	2020-12-10 19:17:00	Tailwater				
DMH-609	03:00	41.26819438	-72.93310491	2020-12-10 19:17:00	Tailwater				
DMH-610	09:00	41.25687764	-72.98566269	2020-11-04 18:56:00	No + signs of dry weather flow				
DMH-610	09:00	41.25687764	-72.98566269	2020-11-04 18:56:00	No + signs of dry weather flow				
DMH-610	09:00	41.25687764	-72.98566269	2020-11-04 18:56:00	No + signs of dry weather flow				
DMH-610	12:00	41.25687764	-72.98566269	2020-11-04 18:56:00	Yes	None	0	0	0.08
DMH-610	12:00	41.25687764	-72.98566269	2020-11-04 18:56:00	Yes	None	0	0	0.08
DMH-610	12:00	41.25687764	-72.98566269	2020-11-04 18:56:00	Yes	None	0	0	0.08
DMH-610	03:00	41.25687764	-72.98566269	2020-11-04 18:56:00	Yes	None	0	0	0.07
DMH-610	03:00	41.25687764	-72.98566269	2020-11-04 18:56:00	Yes	None	0	0	0.07
DMH-610	03:00	41.25687764	-72.98566269	2020-11-04 18:56:00	Yes	None	0	0	0.07

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-610	12:15	41.25687764	-72.98566269	2020-11-04 18:56:00	No + no sign of dry weather flow				
DMH-610	12:15	41.25687764	-72.98566269	2020-11-04 18:56:00	No + no sign of dry weather flow				
DMH-610	12:15	41.25687764	-72.98566269	2020-11-04 18:56:00	No + no sign of dry weather flow				
DMH-610	09:00	41.25687764	-72.98566269	2020-11-04 18:56:00	No + signs of dry weather flow				
DMH-610	09:00	41.25687764	-72.98566269	2020-11-04 18:56:00	No + signs of dry weather flow				
DMH-610	09:00	41.25687764	-72.98566269	2020-11-04 18:56:00	No + signs of dry weather flow				
DMH-610	12:00	41.25687764	-72.98566269	2020-11-04 18:56:00	Yes	None	0	0	0.08
DMH-610	12:00	41.25687764	-72.98566269	2020-11-04 18:56:00	Yes	None	0	0	0.08
DMH-610	12:00	41.25687764	-72.98566269	2020-11-04 18:56:00	Yes	None	0	0	0.08
DMH-610	03:00	41.25687764	-72.98566269	2020-11-04 18:56:00	Yes	None	0	0	0.07
DMH-610	03:00	41.25687764	-72.98566269	2020-11-04 18:56:00	Yes	None	0	0	0.07
DMH-610	03:00	41.25687764	-72.98566269	2020-11-04 18:56:00	Yes	None	0	0	0.07
DMH-610	12:15	41.25687764	-72.98566269	2020-11-04 18:56:00	No + no sign of dry weather flow				
DMH-610	12:15	41.25687764	-72.98566269	2020-11-04 18:56:00	No + no sign of dry weather flow				
DMH-610	12:15	41.25687764	-72.98566269	2020-11-04 18:56:00	No + no sign of dry weather flow				
DMH-610	09:00	41.25687764	-72.98566269	2020-11-04 18:56:00	No + signs of dry weather flow				
DMH-610	09:00	41.25687764	-72.98566269	2020-11-04 18:56:00	No + signs of dry weather flow				
DMH-610	09:00	41.25687764	-72.98566269	2020-11-04 18:56:00	No + signs of dry weather flow				
DMH-610	12:00	41.25687764	-72.98566269	2020-11-04 18:56:00	Yes	None	0	0	0.08
DMH-610	12:00	41.25687764	-72.98566269	2020-11-04 18:56:00	Yes	None	0	0	0.08
DMH-610	12:00	41.25687764	-72.98566269	2020-11-04 18:56:00	Yes	None	0	0	0.08
DMH-610	03:00	41.25687764	-72.98566269	2020-11-04 18:56:00	Yes	None	0	0	0.07
DMH-610	03:00	41.25687764	-72.98566269	2020-11-04 18:56:00	Yes	None	0	0	0.07
DMH-610	03:00	41.25687764	-72.98566269	2020-11-04 18:56:00	Yes	None	0	0	0.07
DMH-610	12:15	41.25687764	-72.98566269	2020-11-04 18:56:00	No + no sign of dry weather flow				
DMH-610	12:15	41.25687764	-72.98566269	2020-11-04 18:56:00	No + no sign of dry weather flow				
DMH-610	12:15	41.25687764	-72.98566269	2020-11-04 18:56:00	No + no sign of dry weather flow				
DMH-611	12:00	41.25640599	-72.98648454	2020-11-04 19:35:00	No + no sign of dry weather flow				
DMH-611	02:00	41.25640599	-72.98648454	2020-11-04 19:35:00	No + signs of dry weather flow				
DMH-613		41.27885846	-72.97729573	2023-01-17 16:28:42	Could not Inspect				
DMH-620	12:00	41.23995728	-72.98912385	2023-07-06 16:16:56	No + no sign of dry weather flow				
DMH-622		41.23817363	-72.99008499	2023-07-06 15:47:53	Could not Inspect				
DMH-623	07:00	41.238271	-72.98296194	2023-10-10 18:33:26	Yes	None	0	0	0.07
DMH-623	12:00	41.238271	-72.98296194	2023-10-10 18:33:26	Yes	None	0	0	0.1
DMH-63		41.30041139	-72.97564941	2022-06-29 12:25:25	Could not Inspect				
DMH-631		41.2803833	-72.97717002	2023-01-17 15:14:51	Could not Inspect				
DMH-632		41.27975025	-72.97881725	2023-01-17 15:13:23	Could not Inspect				
DMH-633		41.27997254	-72.97823358	2023-01-17 15:14:15	Could not Inspect				
DMH-636	12:00	41.26167851	-72.9634833	2023-03-27 13:40:00	Standing Water				
DMH-638B	10:00	41.26409931	-72.96572352	2022-05-25 17:39:00	Yes	None	0	0	0.23
DMH-641	11:00	41.25382402	-72.98979974	2022-12-30 19:46:02	Yes	None	0	0	0.18
DMH-641A	11:00	41.28498648	-72.98537486	2022-05-18 16:37:00	Yes	None	0.4	0	0.25
DMH-641B	06:00	41.28491579	-72.98531663	2022-05-18 16:19:00	Yes	None	0	0	0.06
DMH-642	09:00	41.29641172	-72.95847986	2023-08-22 13:56:00	No + no sign of dry weather flow				
DMH-642	03:00	41.29641172	-72.95847986	2023-08-22 13:56:00	No + no sign of dry weather flow				
DMH-649	09:00	41.25529443	-72.99017526	2022-12-30 20:34:00	No + no sign of dry weather flow				
DMH-649	12:00	41.25529443	-72.99017526	2022-12-30 20:34:00	No + signs of dry weather flow				
DMH-652	10:00	41.28019151	-72.94597916	2023-08-09 15:16:04	No + no sign of dry weather flow				
DMH-652	11:00	41.28019151	-72.94597916	2023-08-09 15:16:04	No + no sign of dry weather flow				
DMH-657	09:00	41.25584613	-72.98716509	2022-12-30 18:21:00	Yes	None	0	0	0.15
DMH-657	12:00	41.25584613	-72.98716509	2022-12-30 18:21:00	No + no sign of dry weather flow				
DMH-658	01:00	41.27154439	-72.95788613	2023-09-05 14:35:00	Yes	None	0	0	0.15
DMH-659A	12:00	41.28226368	-72.9850557	2022-05-25 13:18:00	Yes	None	0	0	0.12
DMH-659A	12:00	41.28226368	-72.9850557	2022-05-25 13:18:37	Yes	None	0	0	0.12
DMH-659A	12:00	41.28226368	-72.9850557	2022-05-25 13:18:00	Yes	None	0	0	0.12

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-659A	09:00	41.28226368	-72.9850557	2022-05-25 13:18:00	Could not Inspect				
DMH-659A	09:00	41.28226368	-72.9850557	2022-05-25 13:18:37	Could not Inspect				
DMH-659A	09:00	41.28226368	-72.9850557	2022-05-25 13:18:00	Could not Inspect				
DMH-659A	03:00	41.28226368	-72.9850557	2022-05-25 13:18:00	No + no sign of dry weather flow				
DMH-659A	03:00	41.28226368	-72.9850557	2022-05-25 13:18:37	No + no sign of dry weather flow				
DMH-659A	03:00	41.28226368	-72.9850557	2022-05-25 13:18:00	No + no sign of dry weather flow				
DMH-659A	12:00	41.28226368	-72.9850557	2022-05-25 13:18:00	Yes	None	0	0	0.12
DMH-659A	12:00	41.28226368	-72.9850557	2022-05-25 13:18:37	Yes	None	0	0	0.12
DMH-659A	12:00	41.28226368	-72.9850557	2022-05-25 13:18:00	Yes	None	0	0	0.12
DMH-659A	09:00	41.28226368	-72.9850557	2022-05-25 13:18:00	Could not Inspect				
DMH-659A	09:00	41.28226368	-72.9850557	2022-05-25 13:18:37	Could not Inspect				
DMH-659A	09:00	41.28226368	-72.9850557	2022-05-25 13:18:00	Could not Inspect				
DMH-659A	03:00	41.28226368	-72.9850557	2022-05-25 13:18:00	No + no sign of dry weather flow				
DMH-659A	03:00	41.28226368	-72.9850557	2022-05-25 13:18:37	No + no sign of dry weather flow				
DMH-659A	03:00	41.28226368	-72.9850557	2022-05-25 13:18:00	No + no sign of dry weather flow				
DMH-659A	12:00	41.28226368	-72.9850557	2022-05-25 13:18:00	Yes	None	0	0	0.12
DMH-659A	12:00	41.28226368	-72.9850557	2022-05-25 13:18:37	Yes	None	0	0	0.12
DMH-659A	12:00	41.28226368	-72.9850557	2022-05-25 13:18:00	Yes	None	0	0	0.12
DMH-659A	09:00	41.28226368	-72.9850557	2022-05-25 13:18:00	Yes				
DMH-659A	09:00	41.28226368	-72.9850557	2022-05-25 13:18:37	Yes				
DMH-659A	09:00	41.28226368	-72.9850557	2022-05-25 13:18:00	Yes				
DMH-659A	03:00	41.28226368	-72.9850557	2022-05-25 13:18:00	No + no sign of dry weather flow				
DMH-659A	03:00	41.28226368	-72.9850557	2022-05-25 13:18:37	No + no sign of dry weather flow				
DMH-659A	03:00	41.28226368	-72.9850557	2022-05-25 13:18:00	No + no sign of dry weather flow				
DMH-668	12:00	41.25574877	-72.98745844	2022-12-30 18:48:20	No + no sign of dry weather flow				
DMH-668	03:00	41.25574877	-72.98745844	2022-12-30 18:48:20	No + no sign of dry weather flow				
DMH-680	08:00	41.27190983	-72.95804845	2023-09-05 14:51:00	No + signs of dry weather flow				
DMH-680	02:00	41.27190983	-72.95804845	2023-09-05 14:51:00	Yes	None	0	0	0.13
DMH-685	01:00	41.29584657	-72.95720363	2023-08-22 15:02:52	No + no sign of dry weather flow				
DMH-687	12:00	41.29599636	-72.9582804	2023-08-22 13:39:00	No + no sign of dry weather flow				
DMH-687A	11:00	41.29575631	-72.95818158	2023-08-22 13:19:00	No + no sign of dry weather flow				
DMH-687A	12:00	41.29575631	-72.95818158	2023-08-22 13:19:00	No + no sign of dry weather flow				
DMH-687A	02:00	41.29575631	-72.95818158	2023-08-22 13:19:00	No + no sign of dry weather flow				
DMH-687B	09:00	41.29574401	-72.95817218	2023-08-22 13:07:00	Could not Inspect				
DMH-687B	12:00	41.29574401	-72.95817218	2023-08-22 13:07:00	No + no sign of dry weather flow				
DMH-687C	02:00	41.29588268	-72.9577732	2023-08-17 18:56:05	Standing Water				
DMH-694	12:00	41.29571933	-72.95768802	2023-08-22 14:55:59	No + no sign of dry weather flow				
DMH-694	03:00	41.29571933	-72.95768802	2023-08-22 14:55:59	No + no sign of dry weather flow				
DMH-695	10:00	41.23838679	-72.97805739	2023-07-25 17:55:00	No + signs of dry weather flow				
DMH-695	12:00	41.23838679	-72.97805739	2023-07-25 17:55:00	Yes	None	0	0	0.06
DMH-697	09:00	41.2701982	-72.97037805	2022-11-29 19:19:00	Yes	None	0	0	0.35
DMH-697	09:00	41.2701982	-72.97037805	2023-09-05 13:11:00	Yes	None	0	0	0.35
DMH-697	12:00	41.2701982	-72.97037805	2022-11-29 19:19:00	Yes	None	0	0	0.23
DMH-697	12:00	41.2701982	-72.97037805	2023-09-05 13:11:00	Yes	None	0	0	0.23
DMH-697	12:00	41.2701982	-72.97037805	2022-11-29 19:19:00	Yes	None	0	0	0.09
DMH-697	12:00	41.2701982	-72.97037805	2023-09-05 13:11:00	Yes	None	0	0	0.09
DMH-697	03:00	41.2701982	-72.97037805	2022-11-29 19:19:00	Could not Inspect				
DMH-697	03:00	41.2701982	-72.97037805	2023-09-05 13:11:00	Could not Inspect				
DMH-697	09:00	41.2701982	-72.97037805	2022-11-29 19:19:00	Yes	None	0	0	0.35
DMH-697	09:00	41.2701982	-72.97037805	2023-09-05 13:11:00	Yes	None	0	0	0.35
DMH-697	12:00	41.2701982	-72.97037805	2022-11-29 19:19:00	Yes	None	0	0	0.23
DMH-697	12:00	41.2701982	-72.97037805	2023-09-05 13:11:00	Yes	None	0	0	0.23
DMH-697	12:00	41.2701982	-72.97037805	2022-11-29 19:19:00	Yes	None	0	0	0.09
DMH-697	12:00	41.2701982	-72.97037805	2023-09-05 13:11:00	Yes	None	0	0	0.09
DMH-697	03:00	41.2701982	-72.97037805	2022-11-29 19:19:00	Could not Inspect				

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-697	03:00	41.2701982	-72.97037805	2023-09-05 13:11:00	Could not Inspect				
DMH-697	09:00	41.27563698	-72.96799102	2022-11-29 19:19:00	Yes	None	0	0	0.35
DMH-697	09:00	41.27563698	-72.96799102	2023-09-05 13:11:00	Yes	None	0	0	0.35
DMH-697	12:00	41.27563698	-72.96799102	2022-11-29 19:19:00	Yes	None	0	0	0.23
DMH-697	12:00	41.27563698	-72.96799102	2023-09-05 13:11:00	Yes	None	0	0	0.23
DMH-697	12:00	41.27563698	-72.96799102	2022-11-29 19:19:00	Yes	None	0	0	0.09
DMH-697	12:00	41.27563698	-72.96799102	2023-09-05 13:11:00	Yes	None	0	0	0.09
DMH-697	03:00	41.27563698	-72.96799102	2022-11-29 19:19:00	Could not Inspect				
DMH-697	03:00	41.27563698	-72.96799102	2023-09-05 13:11:00	Could not Inspect				
DMH-697	09:00	41.27563698	-72.96799102	2022-11-29 19:19:00	Yes	None	0	0	0.35
DMH-697	09:00	41.27563698	-72.96799102	2023-09-05 13:11:00	Yes	None	0	0	0.35
DMH-697	12:00	41.27563698	-72.96799102	2022-11-29 19:19:00	Yes	None	0	0	0.23
DMH-697	12:00	41.27563698	-72.96799102	2023-09-05 13:11:00	Yes	None	0	0	0.23
DMH-697	12:00	41.27563698	-72.96799102	2022-11-29 19:19:00	Yes	None	0	0	0.09
DMH-697	12:00	41.27563698	-72.96799102	2023-09-05 13:11:00	Yes	None	0	0	0.09
DMH-697	03:00	41.27563698	-72.96799102	2022-11-29 19:19:00	Could not Inspect				
DMH-697	03:00	41.27563698	-72.96799102	2023-09-05 13:11:00	Could not Inspect				
DMH-698		41.27014051	-72.97017168	2022-11-29 19:15:00	Could not Inspect				
DMH-698		41.27014051	-72.97017168	2023-03-27 12:27:00	Could not Inspect				
DMH-698	12:00	41.27014051	-72.97017168	2022-11-29 19:15:00	Yes	None	0	0	0.13
DMH-698	12:00	41.27014051	-72.97017168	2023-03-27 12:27:00	Yes	None	0	0	0.13
DMH-698	03:00	41.27014051	-72.97017168	2022-11-29 19:15:00	No + no sign of dry weather flow				
DMH-698	03:00	41.27014051	-72.97017168	2023-03-27 12:27:00	No + no sign of dry weather flow				
DMH-698	09:00	41.27014051	-72.97017168	2022-11-29 19:15:00	No + no sign of dry weather flow				
DMH-698	09:00	41.27014051	-72.97017168	2023-03-27 12:27:00	No + no sign of dry weather flow				
DMH-698	12:00	41.27014051	-72.97017168	2022-11-29 19:15:00	Yes	None	0	0	0.13
DMH-698	12:00	41.27014051	-72.97017168	2023-03-27 12:27:00	Yes	None	0	0	0.13
DMH-699		41.27003989	-72.96924565	2022-11-29 19:10:00	Could not Inspect				
DMH-699		41.27003989	-72.96924565	2023-03-27 12:24:00	Could not Inspect				
DMH-699	01:00	41.27003989	-72.96924565	2022-11-29 19:10:00	Yes	None	0	0	0.09
DMH-699	01:00	41.27003989	-72.96924565	2023-03-27 12:24:00	Yes	None	0	0	0.09
DMH-699	09:00	41.27003989	-72.96924565	2022-11-29 19:10:00	Yes	None	0	0	0.06
DMH-699	09:00	41.27003989	-72.96924565	2023-03-27 12:24:00	Yes	None	0	0	0.06
DMH-699	01:00	41.27003989	-72.96924565	2022-11-29 19:10:00	Yes	None	0	0	0.09
DMH-699	01:00	41.27003989	-72.96924565	2023-03-27 12:24:00	Yes	None	0	0	0.09
DMH-7	09:00	41.27783744	-72.94559494	2023-08-09 13:35:00	No + no sign of dry weather flow				
DMH-7	12:00	41.27783744	-72.94559494	2023-08-09 13:35:00	No + no sign of dry weather flow				
DMH-7	03:00	41.27783744	-72.94559494	2023-08-09 13:35:00	No + no sign of dry weather flow				
DMH-700	12:00	41.27021559	-72.96889303	2022-11-29 18:31:00	Yes	None	0	0	0.21
DMH-700	03:00	41.27021559	-72.96889303	2022-11-29 18:31:00	Yes		0	0	0.2
DMH-700A	12:00	41.27060581	-72.96774445	2023-03-27 17:18:00	Yes	None	0	0	0.11
DMH-700A	05:00	41.27060581	-72.96774445	2023-03-27 17:18:00	No + no sign of dry weather flow				
DMH-701		41.27077823	-72.96723593	2022-11-29 18:11:00	Could not Inspect				
DMH-702	09:00	41.27097573	-72.96528788	2022-11-29 17:33:08	No + no sign of dry weather flow				
DMH-702	11:00	41.27097573	-72.96528788	2022-11-29 17:33:08	No + no sign of dry weather flow				
DMH-702	12:00	41.27097573	-72.96528788	2022-11-29 17:33:08	Standing Water				
DMH-703	09:00	41.27141565	-72.9637665	2023-03-27 17:56:00	No + no sign of dry weather flow				
DMH-703	12:00	41.27141565	-72.9637665	2023-03-27 17:56:00	No + no sign of dry weather flow				
DMH-703	03:00	41.27141565	-72.9637665	2023-03-27 17:56:00	No + no sign of dry weather flow				
DMH-704		41.27194197	-72.96304336	2023-03-27 18:05:00	Could not Inspect				
DMH-705	12:00	41.25625843	-72.95082618	2023-01-11 13:42:49	Could not Inspect				
DMH-705	12:00	41.25625843	-72.95082618	2023-01-17 18:09:52	Could not Inspect				
DMH-705	12:00	41.25625843	-72.95082618	2023-01-11 13:42:49	Yes				
DMH-705	12:00	41.25625843	-72.95082618	2023-01-17 18:09:52	Yes				
DMH-706	09:00	41.24177102	-72.97807163	2022-06-24 15:40:46	No + no sign of dry weather flow				

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-707	12:00	41.24175006	-72.97811295	2022-06-24 15:37:48	No + no sign of dry weather flow				
DMH-707	02:00	41.24175006	-72.97811295	2022-06-24 15:37:48	No + no sign of dry weather flow				
DMH-708	12:00	41.23981971	-72.97959479	2023-07-31 18:36:00	Yes	None	0	0	0.05
DMH-709	12:00	41.24088751	-72.9791172	2023-07-31 18:46:00	Could not Inspect				
DMH-71		41.29897519	-72.95658256	2019-10-24 13:51:00	Yes				
DMH-71		41.29897519	-72.95658256	2018-12-18 19:12:00	Yes				
DMH-71		41.29897519	-72.95658256	2019-10-24 13:51:00	Yes				
DMH-71		41.29897519	-72.95658256	2018-12-18 19:12:00	Yes				
DMH-710	11:00	41.24121172	-72.97934049	2023-07-31 18:52:00	Could not Inspect				
DMH-711	10:00	41.24134553	-72.98014305	2023-04-11 17:39:46	No + no sign of dry weather flow				
DMH-712	12:00	41.24131255	-72.98023634	2023-04-11 17:37:35	No + no sign of dry weather flow				
DMH-712	02:00	41.24131255	-72.98023634	2023-04-11 17:37:35	No + no sign of dry weather flow				
DMH-717	08:00	41.23820423	-72.98936255	2023-07-06 15:34:52	No + no sign of dry weather flow				
DMH-717	02:00	41.23820423	-72.98936255	2023-07-06 15:34:52	No + signs of dry weather flow				
DMH-72	11:00	41.28378404	-72.96736796	2023-01-30 14:41:00	Could not Inspect				
DMH-72	12:00	41.28378404	-72.96736796	2023-01-30 14:41:00	Yes	None	0	0	0.12
DMH-720	12:00	41.26097407	-72.97757614	2022-04-12 13:36:00	Yes	None	0	0	0.17
DMH-720	03:00	41.26097407	-72.97757614	2022-04-12 13:36:00	No + no sign of dry weather flow				
DMH-721	01:30	41.2645528	-72.98751321	2023-02-15 14:35:01	No + no sign of dry weather flow				
DMH-723	09:00	41.26634106	-72.97474267	2023-04-11 17:15:00	Yes	None	0	0	0.09
DMH-723	12:00	41.26634106	-72.97474267	2023-04-11 17:15:00	No + no sign of dry weather flow				
DMH-725		41.29380507	-72.97478676	2023-02-06 20:45:00	Could not Inspect				
DMH-726	10:00	41.27319419	-72.95729801	2023-03-09 15:34:15	Yes	None	0	0	0.18
DMH-726	02:00	41.27319419	-72.95729801	2023-03-09 15:34:15	Yes	None	0	0	0.21
DMH-728	11:00	41.27332079	-72.95731148	2023-03-09 15:52:36	Yes	None	0	0	0.23
DMH-728	02:00	41.27332079	-72.95731148	2023-03-09 15:52:36	No + no sign of dry weather flow				
DMH-729	11:00	41.27306458	-72.95704621	2023-03-09 15:09:00	Yes	None	0	0	0.24
DMH-732	09:00	41.25675238	-72.95863141	2022-12-02 17:36:22	Standing Water				
DMH-732	09:30	41.25675238	-72.95863141	2022-12-02 17:36:22	No + no sign of dry weather flow				
DMH-732	10:00	41.25675238	-72.95863141	2022-12-02 17:36:22	Standing Water				
DMH-732	10:30	41.25675238	-72.95863141	2022-12-02 17:36:22	No + no sign of dry weather flow				
DMH-732	12:00	41.25675238	-72.95863141	2022-12-02 17:36:22	No + no sign of dry weather flow				
DMH-732	02:00	41.25675238	-72.95863141	2022-12-02 17:36:22	No + no sign of dry weather flow				
DMH-732	05:30	41.25675238	-72.95863141	2022-12-02 17:36:22	No + no sign of dry weather flow				
DMH-732A		41.25794159	-72.9578772	2023-03-10 14:26:01	Could not Inspect				
DMH-733	01:00	41.26624237	-72.97492525	2023-03-27 18:36:32	Yes	None	0	0	0.17
DMH-733	12:00	41.26624237	-72.97492525	2023-03-27 18:36:32	Yes	None	0	0	0.05
DMH-735	12:00	41.26623656	-72.97656754	2022-05-10 17:12:04	Yes	None			
DMH-735	09:00	41.26623656	-72.97656754	2022-05-10 17:12:04	No + signs of dry weather flow				
DMH-736	12:00	41.26633096	-72.97661725	2022-05-10 17:18:51	Yes	Sulfur	0	0	0.16
DMH-736	09:00	41.26633096	-72.97661725	2022-05-10 17:18:51	Tailwater				
DMH-74		41.29785753	-72.95880804	2018-12-18 19:20:00	Yes				
DMH-74		41.29785753	-72.95880804	2019-10-24 14:27:00	Yes				
DMH-74		41.29785753	-72.95880804	2018-12-18 19:20:00	Yes				
DMH-74		41.29785753	-72.95880804	2019-10-24 14:27:00	Yes				
DMH-74		41.29785753	-72.95880804	2018-12-18 19:20:00	Yes		0	0	0.5
DMH-74		41.29785753	-72.95880804	2019-10-24 14:27:00	Yes		0	0	0.5
DMH-74		41.29785753	-72.95880804	2018-12-18 19:20:00	Yes		0	0	0.5
DMH-74		41.29785753	-72.95880804	2019-10-24 14:27:00	Yes		0	0	0.5
DMH-74	06:00	41.29785753	-72.95880804	2018-12-18 19:20:00	Yes		0	0	0.5
DMH-74	06:00	41.29785753	-72.95880804	2019-10-24 14:27:00	Yes		0	0	0.5
DMH-74	06:00	41.29785753	-72.95880804	2018-12-18 19:20:00	Yes		0	0	0.5
DMH-74	06:00	41.29785753	-72.95880804	2019-10-24 14:27:00	Yes		0	0	0.5
DMH-742	08:00	41.23937916	-72.99143584	2022-10-20 14:08:00	Standing Water				
DMH-742	12:00	41.23937916	-72.99143584	2022-10-20 14:08:00	Yes	None	0	0	0.21

IDDE Dry Weather Manhole Screening/Sampling Results

Structure ID	Position of Inlet Pipe	Latitude	Longitude	Inspection Date	Dry Weather Flow	Odor	Ammonia (mg/L)	Chlorine (mg/L)	Surfactants (mg/L)
DMH-742	01:00	41.23937916	-72.99143584	2022-10-20 14:08:00	No + signs of dry weather flow				
DMH-742	02:00	41.23937916	-72.99143584	2022-10-20 14:08:00	Yes	None	0	0	0.19
DMH-743		41.2404862	-72.98743102	2023-07-06 19:05:00	Could not Inspect				
DMH-746	01:00	41.28578334	-72.98422973	2022-05-11 12:26:00	Yes	None	0	0	0.14
DMH-747	09:00	41.27409435	-72.95852437	2023-01-11 16:33:45	No + no sign of dry weather flow				
DMH-747	12:00	41.27409435	-72.95852437	2023-01-11 16:33:45	No + signs of dry weather flow				
DMH-747A	03:00	41.27453054	-72.95881804	2023-01-11 18:14:08	No + no sign of dry weather flow				
DMH-747B	12:00	41.27454505	-72.95879079	2023-01-11 18:10:00	No + no sign of dry weather flow				
DMH-747C	12:00	41.27454774	-72.95878611	2023-01-11 18:08:00	No + no sign of dry weather flow				
DMH-749	12:00	41.26803982	-72.97677013	2023-08-17 14:34:15	No + no sign of dry weather flow				
DMH-75	10:00	41.2833888	-72.96819665	2023-01-30 13:51:00	No + no sign of dry weather flow				
DMH-75	10:00	41.2833888	-72.96819665	2023-12-07 18:15:00	No + no sign of dry weather flow				
DMH-75	12:00	41.2833888	-72.96819665	2023-01-30 13:51:00	Yes	None	0	0	0.21
DMH-75	12:00	41.2833888	-72.96819665	2023-12-07 18:15:00	Yes	None	0	0	0.21
DMH-75	03:00	41.2833888	-72.96819665	2023-01-30 13:51:00	Yes	None	0	0	0.26
DMH-75	03:00	41.2833888	-72.96819665	2023-12-07 18:15:00	Yes	None	0	0	0.26
DMH-75	03:00	41.2833888	-72.96819665	2023-01-30 13:51:00	Yes	Other	0	0	0.29
DMH-75	03:00	41.2833888	-72.96819665	2023-12-07 18:15:00	Yes	Other	0	0	0.29
DMH-750		41.26744874	-72.97623531	2023-08-17 14:43:02	Could not Inspect				
DMH-752	01:00	41.24416301	-72.98213342	2022-06-16 15:39:00	Yes	None	0	0	0.15
DMH-753	12:00	41.24036382	-72.98199202	2023-08-02 13:23:00	Yes	None	0	0	0.15
DMH-753	03:00	41.24036382	-72.98199202	2023-08-02 13:23:00	Yes	None	0	0	0.14
DMH-78	12:00	41.24024657	-72.98201001	2023-08-02 12:49:39	Yes	None	0	0	0.15
DMH-78	03:00	41.24024657	-72.98201001	2023-08-02 12:49:39	Yes	None	0	0	0.04
DMH-79	12:00	41.24007309	-72.98166719	2023-07-31 19:25:04	Yes	None	0	0	0.05
DMH-79	03:00	41.24007309	-72.98166719	2023-07-31 19:25:04	Yes	None	0	0	0.07
DMH-8	08:00	41.27788381	-72.945442	2023-08-09 13:40:00	No + signs of dry weather flow				
DMH-8	12:00	41.27788381	-72.945442	2023-08-09 13:40:00	No + no sign of dry weather flow				
DMH-8	03:00	41.27788381	-72.945442	2023-08-09 13:40:00	No + no sign of dry weather flow				
DMH-87	10:00	41.24100428	-72.97498618	2023-09-05 13:43:10	No + no sign of dry weather flow				
DMH-87	12:00	41.24100428	-72.97498618	2023-09-05 13:43:10	Yes	None	0	0	0.06
DMH-87	01:00	41.24100428	-72.97498618	2023-09-05 13:43:10	Yes		0	0	0.1
DMH-88	12:00	41.25011909	-72.98718727	2020-06-01 14:18:00	Yes	None	0	0	0.01
DMH-88	03:00	41.25011909	-72.98718727	2020-06-01 14:18:00	Yes	None	0	0	0.03
DMH-9	09:00	41.27816689	-72.9445419	2023-08-09 13:50:00	No + no sign of dry weather flow				
DMH-9	12:00	41.27816689	-72.9445419	2023-08-09 13:50:00	No + no sign of dry weather flow				
DMH-9	03:00	41.27816689	-72.9445419	2023-08-09 13:50:00	No + no sign of dry weather flow				
DMH-90	09:00	41.2518425	-72.96432141	2023-09-01 18:57:01	No + no sign of dry weather flow				
DMH-90	12:00	41.2518425	-72.96432141	2023-09-01 18:57:01	No + signs of dry weather flow				
DMH-92		41.23803668	-72.98952267	2023-07-06 15:27:34	Could not Inspect				
DMH-93	09:00	41.23692402	-72.99008546	2020-06-08 21:03:00	Yes	None	0	0	0
DMH-93	09:00	41.23692402	-72.99008546	2023-07-06 15:02:00	Yes	None	0	0	0
DMH-93	10:00	41.23692402	-72.99008546	2020-06-08 21:03:00	No + no sign of dry weather flow				
DMH-93	10:00	41.23692402	-72.99008546	2023-07-06 15:02:00	No + no sign of dry weather flow				
DMH-93	12:00	41.23692402	-72.99008546	2020-06-08 21:03:00	Yes	None	0	0	0.14
DMH-93	12:00	41.23692402	-72.99008546	2023-07-06 15:02:00	Yes	None	0	0	0.14
DMH-93	09:00	41.23692402	-72.99008546	2020-06-08 21:03:00	Yes	None	0	0	0.02
DMH-93	09:00	41.23692402	-72.99008546	2023-07-06 15:02:00	Yes	None	0	0	0.02
DMH-93	10:00	41.23692402	-72.99008546	2020-06-08 21:03:00	No + no sign of dry weather flow				
DMH-93	10:00	41.23692402	-72.99008546	2023-07-06 15:02:00	No + no sign of dry weather flow				
DMH-93	12:00	41.23692402	-72.99008546	2020-06-08 21:03:00	Yes	None	0	0	0.06
DMH-93	12:00	41.23692402	-72.99008546	2023-07-06 15:02:00	Yes	None	0	0	0.06
DMH-97	09:00	41.24257584	-72.99022331	2020-12-09 16:32:37	Yes	None	0	0	0.23
DMH-98	01:00	41.24275342	-72.99052417	2020-12-09 15:44:00	Yes	None	0	0	0.38