2020 Annual Report - MS4 General Permit

City of Meriden Meriden, Connecticut

March 2021



Prepared by:



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MS4 General Permit City of Meriden 2020 Annual Report Existing MS4 Permittee Permit Number GSM 000038 January 1, 2020 – December 31, 2020

This report documents City of Meriden's efforts to comply with the conditions of the MS4 General Permit to the maximum extent practicable (MEP) from January 1, 2020 to December 31, 2020.

Part I: Summary of Minimum Control Measure Activities

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

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
1-1 Implement public education and outreach	Complete/ Ongoing	See table below for details.	Update and maintain City website to include educational materials.	Meriden Stormwater Committee	Ongoing	Initially completed Jul 1, 2018	
	Complete/ Ongoing	The 2018 Water Quality Report is available.	Distribute educational materials.	Meriden Stormwater Committee	Ongoing	Initially completed Sep 1, 2017	
1-2 Address education/ outreach for pollutants of concern*	Complete/ Ongoing	The City posted educational materials on the City's website addressing impaired waters and stormwater pollutants of concern. (See BMP 1-1 for list of specific items posted.)	Select educational materials appropriate for impaired waters and stormwater pollutants of concern.	Meriden Stormwater Committee	Ongoing	Initially completed Jul 1, 2018	





BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
1-3 Work with area organizations and groups	Ongoing	The City has continued phased implementation of the Quinnipiac River Linear Trail. The program includes walking trails with educational resources along the Quinnipiac River. Construction of the next phase began in late spring 2020 and included trail upgrades, riparian plantings in Brookside park, and clearing of brush and debris along Harbor Brook. Plantings in Brookside park are ongoing.	Work with local organizations (QRWA, etc.) to identify public education opportunities and assist with plan implementation.	Meriden Stormwater Committee	N/A	Started Jul 1, 2017 (Ongoing)	Reason for Addition: Organizations outside of the City Departments & Commissions can be good resources for public education & outreach.

Extra space for describing above BMP activities, if needed:

BMP	
1-1 Implement public education and outreach	 Educational materials continue to be posted on the City website include the following: Stormwater Management Plan (Storm Water page) Notification of fines for dumping debris into water body/ storm drain (FAQs page) Citizen Request Form for illegal dumping (Contact page) Memo to public that all catch basins discharge to water bodies (Engineering Docs page) City of Meriden DPW Important Information Guide discusses the following related topics: Keeping catch basins and water bodies free of debris Environmental benefits of reduced winter sand use on roads Leaf and Christmas tree pickup / disposal (Winter Safety Info page) 2017 Annual Water Quality Report discusses source water and contamination (Meriden Water Division page)





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

- Educate the public on stream channel maintenance taking place in 2021.
- Continue to post stormwater-related articles in the Meriden Department of Health newsletter.
- Continue to collaborate with the local newspaper in order to publish future environmental articles in the Record Journal, social media, and the City website.
- Continue to have the Board of Education integrate topics in the Core Science Curriculum Framework, including those related to water quality, into its school curriculum.
- Continue to work with local organizations (QRWA, etc.) to identify public education opportunities and assist with plan implementation.
- Continue riparian plantings in Brookside Park.
- Sustainable Meriden Program incorporates education and outreach through the Sustainable Meriden internship. Goal to hire intern(s) after pandemic.

1.3 Details of activities implemented to educate the community on stormwater

Program Element/Activity	Audience (and number of people reached)	Topic(s) covered	Pollutant of Concern addressed (if applicable)	Responsible dept. or partner org.
Mayor's City's Annual Spring & Fall Cleanups May 4, 2019 September 21, 2019	Open to all City Residents	Littering / Trash Pickup	N/A	Parks & Recreation Public Works Departments
QRWA Bi-Annual River Cleanups (Canceled for 2020 due to COVID-19)	Approximately 50 volunteers expected	Littering / Trash Pickup	N/A	Quinnipiac River Watershed Association
QRWA Facility Environmental Field Trips for Schools (Canceled for 2020 due to COVID-19)	6 field trips reaching approximately 125 students	Water Quality	N/A	Quinnipiac River Watershed Association
Water Safety Courses at Quinnipiac University Fall of 2019	Two 2-day courses of students	Water Safety	N/A	Quinnipiac River Watershed Association
Invasive Plant Removal from Hanover Pond	6 Sessions of 15-20 Volunteers over 4 months with groups of students, educators and the public removed between 1 and 2 tons of invasive water chestnut which Meriden Parks Department disposed of at Meriden DPW composting facilities.	Invasive Plant Removal	N/A	Quinnipiac River Watershed Association, Parks & Recreation Public Works Departments
Litter Control Notification Spring 2019	Provided to golfers where litter issue was occurring	Littering issues at the golf coarse	N/A	Engineering Department
Presentation on Eliminator Hooded Outlet Pilot Program October 18, 2019	The Community Foundation for Greater New Haven	Pilot Program Status and Results	N/A	Engineering Department





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

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
2-1 Comply with public notice requirements for the Stormwater Management Plan	Complete	 The draft Stormwater Management Plan was made available to the public: An electronic copy was posted on the City's website. Hard copies were made available at City Hall. 	Make draft Stormwater Management Plan available electronically on the City website and paper copies available in City Hall. Publish notice of availability on website or local newspaper.	City Engineer	Apr 3, 2017	Apr 3, 2017	
	Complete/ Ongoing	 The final Stormwater Management Plan was made available to the public: An electronic copy was posted on the City's website. Hard copies were made available at City Hall. 	Make final Stormwater Management Plan available electronically on the City website and paper copies available in City.	City Engineer	Ongoing	Initially completed Jul 1, 2017	
2-2 Comply with public notice requirements for Annual Reports	Complete	A public notice was posted to the City's website as well as the <i>Record Jounal</i> on January 31, 2021. The draft Annual Report was made available to the public starting on Feburary 15, 2021.	Make draft Annual Report available electronically on the City website and paper copies available in City Hall. Publish notice of availability on website or local newspaper.	City Engineer	Feb 15, 2021	Feb 15, 2021	





BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
2-2 Comply with public notice requirements for Annual Reports (Continued)	In Progress	The City will finalize the 2020 Annual Report after the public comment period and will submit it to DEEP, as well as post it on the City's website by the April 1, 2021 deadline.	Make final Annual Report available electronically on the City website.	City Engineer	Apr 1, 2021	Anticipate completing by Apr 1, 2021	
2-3 Work with area organizations and groups	Ongoing	The City conducts annual meetings of the Stormwater Committee.	Conduct regular meetings of the Meriden Stormwater Committee	City Engineer, Meriden Stormwater Committee	N/A	Started Jul 1, 2017 (Ongoing)	Reason for addition: Committee will represent City Departments & Commissions with stake in stormwater mgmt.
	Ongoing	The City normally works with QRWA on the Annual Downriver Classic Canoe & Kayak Race as well as the annual spring and fall clean-ups on the Quinnipiac River. These activities will continue moving forward after the pandemic.	Work with local organizations (QRWA, etc.) to identify public involvement opportunities and assist with plan implementation.	City Engineer, Meriden Stormwater Committee	N/A	Started Jul 1, 2017 (Ongoing)	Reason for addition: Organizations outside of the City Departments & Commissions can be good resources for public involvement.

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

- Continue to conduct annual stormwater committee meetings to review SMP implementation progress.
- Continue to work with the partnership of governmental agencies, businesses, concerned citizens and non-profit organizations such as the QRWA and school system to participate in their environmental work as well as to sponsor and support clean-up projects and environmental events.
- Continue to collaborate with QRWA through the Linear Trail volunteers on the development of environmental education classes at these locations.
- Provide public notice of annual report.





2.3 Public Involvement/Participation reporting metrics

Metrics	Implemented	Date	Posted
Availability of the Stormwater Management Plan to public	Yes	Mar 30, 2017	www.cityofmeriden.org/Content/Storm_Water_Management/
Availability of Annual Report announced to public	Yes	Jan 31, 2020	<i>Record Journal</i> and www.cityofmeriden.org/Content/Storm_Water_Management/





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

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
3-1 Develop written IDDE program	In progress	The City is in process of completing written IDDE program using the CT IDDE program template.	Develop written plan of IDDE program	Engineering	Jul 1, 2018	Completed Jul 14, 2020	
3-2 Develop list and maps of all MS4 stormwater outfalls in priority areas	In progress	The City has contracted with a consultant to update existing GIS mapping to include all municipal stormwater outfalls in the City.	Update GIS mapping to include all stormwater outfalls in the municipality.	Engineering, IT	Jul 1, 2019	Anticipate completing by Jul 1, 2021	
	In progress	The City has contracted with a consultant to update the list of all municipal stormwater outfalls in the City.	Develop a list (database or spreadsheet) of stormwater outfalls in municipality.	Engineering, IT	Jul 1, 2019	Anticipate completing by Jul 1, 2021	
	In progress	The City has contracted with a consultant to update GIS mapping to meet the General Permit.	Update GIS storm system mapping in priority areas to include required elements listed in Appendix B of the General Permit.	Engineering, IT	Jul 1, 2019	Anticipate completing by Jul 1, 2021	
3-3 Implement citizen reporting program	Complete	The City continues to maintain their existing web form (Citizen Service Request Form) for reporting.	Continue to implement a citizen reporting 'hotline' and advertise it on the City website and in municipal offices.	Engineering, Legal Counsel, City Council	Jul 1, 2017	Jul 1, 2017	
3-4 Establish legal authority to prohibit illicit discharges	In Progress	The City has started reviewing existing Discharge Limitations Ordinance for revision.	Review City's existing Discharge Limitations Ordinance and revise, as necessary.	Engineering, Legal Counsel, City Council	Jul 1, 2018	Anticipate completing by Dec 31, 2021	





BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
3-5 Develop record keeping system for IDDE tracking	Complete	The City has developed an IDDE tracking recordkeeping system.	Develop IDDE tracking recordkeeping system.	Engineering	Jul 1, 2017	Jul 1, 2017	
3-6 Address IDDE in areas with pollutants of concern	In Progress	Where a well tested positive for E. Coli, local septic systems were investigated. There was no evidence to support septic system failures as a cause.	Identify areas with high potential for septic system failure.	Health and Human Services, Engineering	Not specified	Anticipated completion by the end of the permit period.	
3-7 Conduct SSO inventory	Complete	The City has identified known SSOs that occurred as far back as 7/18/2016. Records prior to that event were documented on paper and lacked detailed information as to what did and did not discharge to the MS4.	Review City records to identify any known locations where SSOs have discharged to the MS4 within the previous 5 years (7/1/12 – 6/30/17).	Engineering	Oct 29, 2017	Feb 7, 2019	Reason for addition: Part of the IDDE Program.
3-8 Assess and prepare a priority ranking of catchments	Complete	The City's consultant prepared a priority ranking of catchments.	Classify each catchment within priority areas into an excluded, problem, high priority, or low priority catchment. Rank catchments within each category (except excluded catchments) based on screening factors found on page 6 & 7 in Appendix B of the General Permit.	Engineering, Department of Public Works	Jul 1, 2019	Aug 5, 2019	Reason for addition: Part of the IDDE Program.





BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
3-9 Conduct outfall and interconnection screening and sampling	In Progress	The City has contracted with a consultant to do this work.	Conduct dry weather screening and sampling (where flowing) of every MS4 outfall and interconnection (except for excluded and Problem Catchments)	Engineering, Department of Public Works	Jul 1, 2019	Anticipate completing by Jul 1, 2021	Reason for addition: Part of the IDDE Program.
3-10 Conduct catchment investigations and remove illicit discharges	Not Started	The City will be contracting with a consulting firm to complete this task.	Evaluate catchments for System Vulnerability Factors and begin catchment investigations.	Engineering, Department of Public Works	Jul 1, 2018	Anticipate completing by Jul 1, 2022	Reason for addition: Part of the IDDE Program.
	Not Started	The City will be contracting with a consulting firm to complete this task.	Where System Vulnerability Factors are present, conduct manhole inspections. Isolate and verify sources. Remove identified illicit discharges and conduct confirmatory outfall screening.	Engineering, Department of Public Works	Jul 1, 2020	Anticipate completing by Jun 1, 2022	Reason for addition: Part of the IDDE Program.





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

- Continue implementing written IDDE program.
- Adopt Illicit Discharge Ordinance.
- Evaluate catchments for System Vulnerability Factors, begin dry weather outfall screening, and begin catchment investigations with the assistance of a consultant.
- Finalize map of stormwater drainage structures and piping network.
- Continue to maintain the Citizen Service Request Form to respond to illicit discharges.
- Continue to assess, and improve if necessary, the process and procedures for logging and responding to complaints associated with illicit discharges.
- Incorporate IDDE topics into the City's annual stormwater training program. Provide employee training annually.

3.3 List of citizen reports of suspected illicit discharges received during this reporting period.

Date of Report	Location / suspected source	Response taken
4/17/2019	90 Hillside Avenue / Sewage overflow from damaged sewer lateral caused by installation of telephone pole.	4/19/2019 – Eversouce repaired the damaged sewer lateral.
6/20/2019	29 Fols Avenue / Pool water was pumped into Baldwin Pond.	6/20/2019 – Both Zoning and the Health Department talked to the homeowner.
6/20/2019	121 Johnson Avenue / Sewer overflow from a damaged sewer lateral.	7/15/2019 – Homeowner had sewer lateral was repaired.
7/31/2019	203 Hall Avenue / Strong fuel odor from catch basins. No noticeable product. Suspected cause is old spill flushed through by rain.	8/9/2019 – City cleaned he catch basins.
9/23/2019	380 Crown Street / Sewer backup at older bulding with discharge from Crown Street Manhole.	12/6/2019 – Curtis Home had sewer line repaired.
10/28/2019	311 West Main Street / Grease residue on catch basin grate.	10/20/2019 – Health Department spoke with owner who claims that he does not dump grease into the catch basin (he has a grease dumpster). Health Department asked owner to make sure employees are not dumping into the catch basin.
12/23/2019	Intersection of Myrtle and Arch Parkway / Sewer pipe blockage from roots	12/23/2019 – WPCF staff relieved the blockage and cleaned the area.
4/13/2020	Wendy's 865 East Main Street / Grease dumped into storm drain	4/14/2020 – Wendy's coordinated storm drain to be cleaned.
5/26/2020	31 Randolph Avenue / Kitchen waste piping connected into storm drainage piping in 2 units	10/20/2020 – Owner redirected the offending piping into the sanitary sewer piping.
6/4/2020	173 Knobb Hill / Paint dumped into storm drain	6/24/2020 – Owner sent notification not to dump anything into storm drains.
11/17/2020	45 Meadow Way / Human waste alleged to be dumped into storm drain due to no water service	12/30/2020 – Owner sent notification not to dump anything into storm drains.
11/24/2020	160 West Main Street / Sanitary sewer piping from 6 residential units and 3 commercial units connected to storm drain.	12/9/2020 – Owner coordinated contractor to connect sanitary sewer piping into City sanitary sewer main.





3.4 Provide a record of illicit discharges occurring during the reporting period and SSOs occurring July 2012 through end of reporting period using the following table.*

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)
Taco Bell 760 E Main St	4/13/2015	MS4	Unknown	Employees dumping grease in catch basin.	4/13/2015 – Health Department had Taco Bell hire a company to clean out the catch basin.	N/A
31 Britannia St	4/22/2015	MS4	Unknown	Owner pumped sewage into storm drain from back-up in basement.	4/22/2015 – Owner told and stopped pumping sewage into storm drain and cleared sewer line.	N/A
Xing Long 502 West Main St	5/1/2015	MS4	Unknown	Owner he admitted to dumping mop water in catch basin.	5/1/2015 – Health Department told him he cannot dump in catch basin and the shopping center owner had the catch basin cleaned out.	N/A
Gourmet Chinese Kitchen 979 Broad St	4/1/2016	MS4	Unknown	Employees dumping mop water into storm drain	4/1/2016 – Health Department told owner they cannot dump mop water down storm drain.	N/A
37 Randolph Ave	7/10/2015	MS4	Unknown, Small Amount	Someone connected house sewer to house storm drain line that handled gutters, minor over flow into road then into storm drain.	8/3/2015 – Property owner was able to repair original sewer line and sewage now going to sanitary sewer.	N/A
290 Pratt St	7/18/2016	MS4 to Harbor Brook	Unknown	Blockage in sanitary sewer line caused an overflow into the storm drain leading to Harbor Brook.	7/18/2016 – WPCF cleared blockage that caused overflow. Under normal conditions sewage goes to sanitary sewer. 5/19/2017 – Owner had the connection to storm drain system removed. There were 2 separate overflow connections.	N/A
302 Center St	12/29/2017	MS4	Unknown	Sewer overflowed down sidewalk into road and storm drain.	12/29/2017 – Owner was ordered to clear sewer line (completed 12/29/17).	N/A
200 Pond View Drive	4/4/2018	MS4	Unknown	Oil from private plow truck spilled into catch basin.	4/4/2018 – Owner had storm drain cleaned out.	N/A
Gilbert Road near Manhole #39-51	5/31/2018	MS4	Approximately 100 gallons	Sanitary sewer overflow.	5/31/2018 – Blockage was cleared, area of spill was cleaned and bleached, and the bleach was vacced up and disposed of at WPCF.	N/A
Intersection of Hanover and Cook Avenue	7/7/2018	MS4	Approximately 50 gallons	Sanitary sewer overflow.	7/7/2018 – Blockage was cleared, area of spill was cleaned and bleached, and the bleach was vacced up and disposed of at WPCF.	N/A





Location (Lat long/ street crossing /address and receiving water)	Date and duration of occurrence	Discharge to MS4 or surface water	Estimated volume discharged	Known or suspected cause / Responsible party	Corrective measures planned and completed (include dates)	Sampling data (if applicable)
51 Prescott Street	7/24/2018	MS4	Unknown	Exposed and broken sewer pipe.	8/9/2018 – A health order was issued and the pipe was replaced.	N/A
Prescott Road near Manhole #19-162	8/8/2018	MS4	Approximately 50 gallons	Sanitary sewer overflow.	8/8/2018 – Blockage was cleared, area of spill was cleaned and bleached, and the bleach was vacced up and disposed of at WPCF.	N/A
198 West Main Street	8/29/2018	MS4	Unknown	Employee dumping of unknown substance into catch basin.	829/2018 – CT DEEP had the manager of the Dry Cleaning business hire someone to cleanout the catch basin. The manager also spoke with the employees about not dumping anything down catch basin.	N/A
15 Kickory Street	11/28/2018	MS4	Unknown	Sewage overflow from clogged or brokwn vent pipe.	12/4/2018 – A health order was issued and the the pipe was fixed.	N/A
90 Hillside Avenue	4/17/2019	MS4	Unknown	Sewage overflow from damaged sewer lateral caused by installation of telephone pole. / Eversource	4/19/2019 – Eversouce repaired the damaged sewer lateral.	N/A
29 Fols Avenue	6/20/2019	Baldwin Pond	Unknown	Pool water was pumped into Baldwin Pond. / Homeowner	6/20/2019 – Both Zoning and the Health Department talked to the homeowner.	N/A
121 Johnson Avenue	6/20/2019	MS4	Unknown	Sewer overflow from a damaged sewer lateral. / Homeowner	7/15/2019 – Homeowner had sewer lateral was repaired.	N/A
203 Hall Avenue	7/31/2019	MS4	Unknown	Strong fuel odor from catch basins. No noticeable product. Suspected cause is old spill flushed through by rain. / Unknown	8/9/2019 – City cleaned he catch basins.	N/A
380 Crown Street	9/21/2019		1 - 50 gallons			
380 Crown Street	9/23/2019	MS4	Unknown	Sewer backup at older bulding with discharge from Crown Street Manhole. / Curtis Home	12/6/2019 – Curtis Home had sewer line repaired.	N/A
311 West Main Street	10/28/2019	MS4	Unknown	Grease residue on catch basin grate. / Napoli Pizza	10/20/2019 – Health Department spoke with owner who claims that he does not dump grease into the catch basin (he has a grease dumpster). Health Department asked owner to make sure employees are not dumping into the catch basin.	N/A





Location (Lat long/ street crossing /address and receiving water)	Date and duration of occurrence	Discharge to MS4 or surface water	Estimated volume discharged	Known or suspected cause / Responsible party	Corrective measures planned and completed (include dates)	Sampling data (if applicable)
Intersection of Myrtle and Arch Parkway	12/23/2019	MS4 (Connected to Harbor Brook)	51 - 500 gallons	Sewer pipe blockage from roots / WPCF	12/23/2019 – WPCF staff relieved the blockage and cleaned the area.	N/A
599 West Main Street	3/24/2020	Unknown	1-50 fallons	Surcharging manhole from storm event	WPCF staff cleaned the area	N/A
216 Dogwood Dr	5/11/2020	Unnamed Stream	0-500 gallons	Sewer line blockage	5/11/2020 – WPCF staff relieved the blockage and cleaned the area	N/A

*Illicit discharge records prior to July 1, 2014 are inaccessible due to a transition to new software. SSOs prior to 2016 are documented on paper and lack information as to weather or not there was a discharge to the MS4.

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

Illicit discharge reports are tracked through the Citizen Service Request Form. Reports are sent to the Director of Public Works. DPW investigates any reports received and if illicit discharges are found. DPW works with Land Use, the Town Sanitarian, and Code Enforcement to eliminate the discharge.

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

Location and nature of structure with failing septic systems	Actions taken to respond to and address the failures	Impacted waterbody or watershed, if known							
There were no known cases of septic system failures discharging to surface water or the MS4 during the reporting period.									





3.7 IDDE reporting metrics

Metrics	
Estimated or actual number of MS4 outfalls	528
Estimated or actual number of interconnections	Approx. 54
Outfall mapping complete	94%
Interconnection mapping complete	50%
System-wide mapping complete (detailed MS4 infrastructure)	75%
Outfall assessment and priority ranking	100%
Dry weather screening of all High and Low priority outfalls complete	90%
Catchment investigations complete	0%
Estimated percentage of MS4 catchment area investigated	0%

- 3.8 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).
- IDDE topics will be incorporated into the City's annual stormwater training program.





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

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
4-1 Implement, upgrade, and enforce land use regulations or other legal authority to meet requirements of MS4 general permit	In Progress	The City worked with a consultant to update their land use regulations which was completed in October 2020. The City is in the process of reviewing the recommendations. As part of this process, the City is welcoming QRWA, developers, and concerned citizens to participate. Regular meetings were delayed due to the pandemic but are planned to begin in 2021.	Review and update, as necessary, existing land use regulations and implementation policies for compliance with the MS4 General Permit construction site stormwater runoff control requirements.	Engineering, Planning Division, Legal Counsel	Jul 1, 2019	Anticipate completing by Nov 1, 2021	
4-2 Develop/Implement plan for interdepartmental coordination in site plan review and approval	Complete	The City continues to follow the interdepartmental coordination procedures as described in Section 5.2 of the SWMP.	Implement interdepartmental coordination procedures as described in Section 5.2 of the SWMP.	Planning Division, Engineering, Planning Commission, Inland Wetlands & Watercourse Commission	Ongoing	Jul 1, 2017	
4-3 Review site plans for stormwater quality concerns	Complete/ Ongoing	 The City continues conducts site plan reviews for all projects subject to the land use regulations. 29 applications were review in 2019. 	Complete site plan reviews for all projects subject to the land use regulations listed in BMP 4-1.	Planning Division, Engineering, Planning Commission, Inland Wetlands & Watercourse Commission	Ongoing	Jul 1, 2017	





BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
4-4 Conduct site inspections	Complete/ Ongoing	See table below for details.	Conduct inspections and enforcement to assess and ensure the adequacy of the installation, maintenance, operation, and repair of construction and post- construction control measures.	Planning Division, Engineering	Ongoing	Jul 1, 2017	
4-5 Implement procedure to allow public comment on site development	Completed	The City's land use application review process continues to include provisions for public review and comment. The City's stormwater FAQ webpage continues to provide notice of Meriden's 'hotline' for stormwater related comments.	Provisions for public review and comment in land use application review process. Notice of Meriden's 'hotline' for stormwater related comments on the municipal stormwater website.	Planning Division	Ongoing	Jul 1, 2017	
4-6 Implement procedure to notify developers about DEEP construction stormwater permit	Completed	The City continues to inform developers/ contractors of their potential obligation to register under the DEEP construction general permit and to provide a copy of the Storm Water Pollution Control Plan to Meriden upon request.	Inform developers/contractors of their potential obligation to register under the DEEP construction general permit and to provide a copy of the Storm Water Pollution Control Plan to Meriden upon request.	Planning Division	Ongoing	Jul 1, 2017	





Extra space for describing above BMP activities, if needed:

BMP	
4-4 Conduct site inspections	 The City continues conducts inspections and enforcement to assess and ensure the adequacy of the installation, maintenance, operation, and repair of construction and post-construction control measures. 80 site inspections were performed in 2020. 1 Cease & Correct order was issued in 2020.

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

- Review existing land use regulations to determine whether updates are required to meet the construction site runoff control legal mechanism.
- Continue departmental coordination.
- Continue to review site plans and conduct construction site inspections.
- Continue to document the number (per permit year) of construction plan submittals, construction startups, and construction inspections and report these numbers in the annual report.





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

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
5-1 Establish and/or update legal authority and guidelines regarding LID and runoff reduction in site development planning	In Progress	The City worked with a consultant to update their land use regulations which was completed in October 2020. The City is in the process of reviewing the recommendations. As part of this process, the City is welcoming ORWA, developers, and concerned citizens to participate. Regular meetings were delayed due to the pandemic but are planned to begin in 2021.	Review and update, as necessary, existing land use regulations and implementation policies for compliance with the General Permit post- construction stormwater management requirements.	Engineering, Planning Division, Legal Counsel	Jul 1, 2021	Anticipate completing Nov 1, 2021	





BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
5-2 Enforce LID/runoff reduction requirements for development and redevelopment projects	In Progress	The City worked with a consultant to update their land use regulations which was completed in October 2020. The City is in the process of reviewing the recommendations. As part of this process, the City is welcoming QRWA, developers, and concerned citizens to participate. Regular meetings were delayed due to the pandemic but are planned to begin in 2021.	Review and update, as necessary, current regulations to identify, reduce, or eliminate existing regulatory barriers to implementation of LID and runoff reduction practices.	Engineering, Planning Division, Legal Counsel	Jul 1, 2021	Anticipate completing Nov 1, 2021	
5-2 Enforce LID/runoff reduction requirements for development and redevelopment projects (Continued)	Not Started		Complete plan reviews and ensure compliance for all projects subject to the legal authority and/or guidelines listed in BMP 5- 1.	Planning Division, Engineering, Planning Commission, Inland Wetlands & Watercourse Commission	Jul 1, 2021	Anticipate completing Nov 1, 2021	
5-3 Identify retention and detention ponds in priority areas	Complete	A total of 36 detention/retention ponds have been identified, including those that are privately owned and operated.	Identify stormwater basins and treatment systems in priority areas and include them in GIS mapping.	Engineering	Jul 1, 2019	Feb 11, 2019	





BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
5-4 Implement long-term maintenance plan for stormwater basins and treatment structures	Completed		Develop a long-term maintenance plan for any retention/detention basins and stormwater treatment structures owned by the City or on a City easement and installed within the priority area. (None exist currently.)	Engineering	Ongoing beginning Jul 1, 2019	January 27, 2021	
	Ongoing/ Annually		Implement maintenance plan including annual inspection of retention / detention basins and stormwater treatment structures and removal of accumulated sediment and pollutants.	Engineering, Department of Public Works	Annually	Annually	
5-5 DCIA mapping	Not Started		Calculate the Directly Connected Impervious Area (DCIA) of outfall catchment areas using guidance provided by DEEP and UConn CLEAR.	Engineering, Planning Division	Jul 1, 2020	Completed June 29, 2020	
	Not Started		Revise DCIA estimate as development, redevelopment, or retrofit projects effectively add or remove DCIA.	Engineering, Planning Division	Annually beginning Jul 1, 2021	Anticipate completing annually beginning Jul 1, 2021	
5-6 Address post- construction issues in areas with pollutants of concern	Not Started		Address erosion and sediment problems noted during inspections conducted under Item 5-3 through the retrofit program developed under BMP 6-7.	Engineering, Department of Public Works	Not specified	Anticipate completion by the end of the permit period.	





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

- Review and update existing land use regulations and policies with the assistance of a consultant.
- Continue to implement procedures for addressing post construction BMPs for residential and commercial projects.
- Continue to require the recording of stormwater maintenance agreements on the City's Land Records.
- Continue to record the number (per permit year) of stormwater structures installed in the City and report this number in their Phase II annual report.

5.3 Post-Construction Stormwater Management reporting metrics

Metrics	
Baseline (2012) Directly Connected Impervious Area (DCIA)	1,817 acres
DCIA disconnected (redevelopment plus retrofits)	N/A
Retrofits completed	N/A
DCIA disconnected	N/A
Estimated cost of retrofits	N/A
Detention or retention ponds identified	36 – Includes privately owned/operated

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

Baseline DCIA was estimated from high-resolution impervious cover and land use/cover data available from UConn NEMO and empirical equations (Sutherland Equations) relating DCIA and Total Impervious Area (TIA). The DCIA estimates were developed at the CTDEEP Local Basin scale.





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

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
6-1 Develop/implement formal employee training program	Complete/ Ongoing	City staff members regularly receive training on topics including, but not limited to, hazardous materials and spill containment, health and safety, and winter road salt application.	Continue City employee training program. Building on the City's current program to increase awareness of water quality issues.	Department of Public Works	Ongoing	Initially completed Jul 1, 2017	
6-2 Implement MS4 property and operations maintenance	Complete	The City continues to implement their Integrated Pest Management Plan, which includes soil testing to determine the proper type and amount of fertilizers to be used.	Implement turf/fertilizer management BMPs for parks and open space.	Department of Public Works, Parks and Recreation	Ongoing beginning Jul 1, 2018	Feb 2017	
	Complete/ Ongoing	A City ordinance continues requires the prompt removal of all solid waste and litter left by dogs or other animals on a public street, sidewalk, public property, or private property owned by another person before leaving the premises, and the disposal of the solid waste and/or litter in a sanitary manner. Pet waste stations are located on both sections of the Linear Trail, and along the Quinnipiac River and Sodom Brook trails.	Implement pet waste education program and maintain signage, baggies, and disposal receptacles in areas where pet walking is common.	Department of Public Works, Parks and Recreation, Meriden Stormwater Committee	Jul 1, 2018	Jul 1, 2017	





BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
6-2 Implement MS4 property and operations maintenance (<i>Continued</i>)	Complete/ Ongoing	The City continues to maintain signage to discourage feeding waterfowl.	Maintain signage and implement other waterfowl management BMPs in targeted areas, as warranted.	Department of Public Works, Parks and Recreation	Jul 1, 2018	Jul 1, 2017	
	In Progress	The City implements Stormwater Pollution Prevention Plans (SWPPPs) for the Transfer Station, the Highway Facility, and the Water Pollution Control Facility. Formal facility evaluations are on-going.	Evaluate other municipal buildings and facilities for spill prevention and pollution prevention practices and implement additional BMPs as necessary.	Department of Public Works	Jul 1, 2018	Anticipate completing by Jul 1, 2021	
	Ongoing		Evaluate and modify, as necessary, municipal vehicle and equipment parking, fueling, and maintenance practices.	Department of Public Works	Jul 1, 2018	Ongoing	
	Complete/ Ongoing	The City continues to require residents to place leaf waste in paper bags for municipal pick- up and disposal, thus limiting the amount of yard waste that is deposited in the municipal storm sewer system. The Department of Public Works also continues to street sweep prior to impending storms in the fall to further reduce the amount of leaves and yard waste that enters the storm sewer system.	Continue current leaf management program.	Department of Public Works, Parks and Recreation	Jul 1, 2018	Jul 1, 2017	





BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
6-3 Implement coordination with interconnected MS4s	Ongoing	The City continues to coordinate with neighboring municipalities as-needed.	Coordinate with neighboring municipalities, institutions, and DOT regarding stormwater management program activities associated with adjacent MS4s.	Department of Public Works	Not specified	Ongoing	
6-4 Develop/implement program to control other sources of pollutants to the MS4	In Progress	The City is retrofitting catch basins with hooded outlets. The City evaluated between 40 and 50 catch basins before selecting 10 candidatees for a trial run in 2019. In 2020 4 additional hooded outlets were orderd and 4 more are planned. The areas of focus are within catchments that discharge to Harbor Brook, Sodom Brook, and Quinnipiac River.	Control through IDDE program, water quality monitoring, the City's Discharge Limitations Ordinance, and targeted education and outreach to commercial, industrial, municipal, institutional facilities owners/ operators (see BMP 1-1).	Meriden Stormwater Committee	Not specified	Anticipate completing by Jul 1, 2021	
6-5 Evaluate additional measures for discharges to impaired waters*	Not Started		Implement the measures and procedures described in Section 7.2 of the SWMP including those measures to address stormwater pollutants of concern.	Department of Public Works, Parks and Recreation	Not specified	Anticipate completing by the end of the permit.	
6-6 Track projects that disconnect DCIA	Ongoing		Annually track total acreage of DCIA that is disconnected as a result of redevelopment or retrofits (see BMPs 5- 4 and 6-7)	Planning Commission, Engineering	Ongoing	Ongoing	





BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
6-7 Implement infrastructure repair/rehab program	Ongoing	As funding permits, the City maintains the storm sewer system as part of its infrastructure maintenance program. The City replaces and/or repaires about 100 catch basins a year.	Repair, rehabilitate, or retrofit MS4 infrastructure (e.g., conveyances, structures, outfalls) as needed in a timely manner	Engineering	Jul 1, 2021	Ongoing	The City installed a trash rack at the drainage inlet on Alcove Street where clogging issues were typical. The trash rack is cleared prior to major storms. The City also replaced a section of pipe and regrade the drainage channel between Maple Avenue and Boylston Street.
6-8 Develop/implement plan to identify/prioritize retrofit projects	Ongoing	Consultant under contract to develop retrofit plan. After an intial desktop screening, 30 sites were selected for further evaluation. Site visits are planned for 2021. The retrofit plan is anticipated to be completed in July 2021.	Develop retrofit plan and list of priority sites	Engineering	Jul 1, 2020	Anticipate completing by Jul 1, 2021	
6-9 Implement retrofit projects to disconnect 2% of DCIA	Not Started		Disconnect 1% per year of Meriden's DCIA from the MS4	Engineering	Jul 1, 2022	Anticipate completing by Jul 1, 2022	
6-10 Develop/implement street sweeping program	Complete/ Ongoing	The City has prepared written Operation and Maintenance Procedures to address catch basin inspection and cleaning, street and parking lot sweeping, and winter road maintenance activities to reduce the discharge of pollutants to the MS4.	Continue to inspect and sweep all municipally-owned or –operated streets and parking lots.	Department of Public Works	Ongoing beginning Jul 1, 2017	Jul 1, 2017	The City continues to sweep all streets at a minimum frequency of once per year beginning in the spring to remove winter road sand and debris.





BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
6-11 Comple Develop/implement Ongoing catch basin cleaning program		The City has prepared written Operation and Maintenance Procedures to address catch basin inspection and cleaning, street and parking lot sweeping, and winter road maintenance activities to reduce the discharge of pollutants to the MS4.	Inspect and clean catch basins	Department of Public Works	Ongoing beginning Jul 1, 2020	Ongoing	The City continues to clean catch basins and drainage lines during the spring, summer, and fall of every year. In addition to general cleaning, catch basins are rebuilt or otherwise repaired by the City as needed.
	Complete/ Ongoing	Catch basins receiving complaints of poor drainage are prioritized. Inspections emphasize areas where more frequent sweeping is required.	Develop a plan for optimizing catch basin cleaning (i.e., reduced frequency in certain areas) based on inspection findings	Department of Public Works	Ongoing beginning Jul 1, 2020	Ongoing	
6-12 Develop/implement snow management practices	Complete/ Ongoing	The City has prepared written Operation and Maintenance Procedures to address catch basin inspection and cleaning, street and parking lot sweeping, and winter road maintenance activities to reduce the discharge of pollutants to the MS4.	Implement practices for deicing material management and snow and ice control	Department of Public Works	Ongoing beginning Jul 1, 2018	Jul 1, 2017	During the winter months, the City continues to use environmentally responsible salt application practices. The City currently stores salt in an enclosed building.

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

- Complete stormwater retrofit plan and begin plan implementation.
- Continue to document pertinent maintenance/cleaning operations.
- Continue to maintain a list of complaints that it receives regarding road and highway maintenance concerns.
- Continue to conduct employee training.
- Continue to inspect the Central Maintenance Garage monthly and maintain records of each inspection.
- Inspect catch basins when they are cleaned and document the inspection findings.
- Aside from municipal facilities with existing SWPPPs, evaluate other municipal buildings and facilities for spill prevention and pollution prevention practices and implement additional BMPs as necessary.
- Evaluate and modify, as necessary, municipal vehicle and equipment parking, fueling, and maintenance practices.





6.3 Pollution Prevention/ Good Housekeeping reporting metrics

Employee training provided for key staff	Delayed due to Covid-19
Street sweeping	
Curb miles swept	380 miles
Volume (or mass) of material collected	694.61 tons*
Catch basin cleaning	
Total catch basins in priority areas	Estimated 5,000
Total catch basins in MS4	5,048*
Catch basins inspected	250
Catch basins cleaned	200
Volume (or mass) of material removed from all catch basins	694.61 tons*
Volume removed from catch basins to impaired waters (if known)	Unknown
Snow management	
Type(s) of deicing material used	Salt, sand, and salt brine
Total amount of each deicing material applied	4,500 tons salt
	250 tons sand
	50,000 gallons salt brine
Type(s) of deicing equipment used	Plow trucks
Lane-miles treated	190 miles
Snow disposal location	Miller Street Parking Lot
Staff training provided on application methods & equipment	None during the
	reporting year
Municipal turf management program actions (for permittee properties in basins with N/P impairments)	
Reduction in application of fertilizers (since start of permit)	0%
Reduction in turf area (since start of permit)	Approximately 3.5 acres
Lands with high potential to contribute bacteria (dog parks, parks with open water, & sites with failing septic systems)	
Cost of mitigation actions/retrofits	Not yet determined

*Catch basin and street sweepings are combined. **Number of catch basins owned by the City.





6.4 Catch basin cleaning program

Provide any updates or modifications to your catch basin cleaning program

The City of Meriden performs routine inspection, cleaning, and maintenance of the approximately 5,000 catch basins located throughout the City. Catch basin inspection and cleaning is conducted annually in the spring, summer, and fall. The City developed a catch basin cleaning schedule, with more frequent inspection and cleaning occurring at catch basins with known heavier sediment and debris loads and drainage problems. Catch basins near priority waterbodies and construction areas are also prioritized.

The City will implement the following catch basin inspection and cleaning procedures to reduce the discharge of pollutants from the MS4:

- Continue to identify catch basins that require more frequent cleaning based on visual inspection at the time of cleaning.
- Catch basins with known heavier sediment and debris loads or drainage problems will be cleaned more frequently.
- Catch basins in areas that drain to impaired waters and near construction activities (roadway construction, residential, commercial, or industrial development or redevelopment) or high-use areas should be inspected and/or cleaned more frequently if inspection finds excessive sediment or debris loadings.
- If a catch basin sump is more than 50 percent full during two consecutive inspections, document the findings, investigate the contributing drainage area for sources of excessive sediment loading, and, if possible, address the contributing sources. If no contributing sources are found, increase the inspection and cleaning frequency.
- Street sweeping performed on an appropriate schedule will reduce the amount of sediment, debris, and organic matter entering the catch basins, which will in turn reduce the frequency with which they need to be cleaned.

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 is working with its consultant to prepare a stormwater retrofit plan, which will be completed in 2021. The retrofit plan will identify site-specific retrofit projects at City-owned properties and within the public right-of-way based on desktop screening of feasibility factors and field assessments of high priority sites. The plan will also identify anticipated reductions in DCIA resulting from the proposed retrofits as well as a plan to phase the retrofits over time to meet the City's DCIA reduction goals.

Describe plans for continuing the Retrofit program and how to achieve a goal of 1% DCIA disconnection in future years.

N/A

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

N/A





Part II: Impaired waters investigation and monitoring

1. Impaired waters investigation and monitoring program

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: <u>http://s.uconn.edu/ctms4map</u>.

Nitrogen/ Phosphorus 🔀	Bacteria 🔀
------------------------	------------

Mercury Other Pollutant of Concern (Turbidity and PCBs)

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.

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All waterbodies in the state are subject to the Northeast Regional Mercury TMDL, however no specific monitoring or sampling is required in association with this TMDL.
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2. Screening data for outfalls to impaired waterbodies (Section 6(i)(1) / page 41)

2.1 Screening data

Complete the table below for any outfalls screened during the reporting period. Each Annual Report will add on to the previous year's screening data showing a cumulative list of outfall screening data.

Outfall ID	Sample date	Parameter (Nitrogen, Phosphorus, Bacteria, or Other pollutant of concern)	Results	Name of Laboratory (if used)	Follow-up required?			
		ather sampling of nearly 1	00 outfalls that discharge to impaired waters. Approxi	imately 45 outfalls still need to be	sampled. See attached table of			
Outfall Screen	Outfall Screening Data.							
OF-601	9/12/2019	Bacteria	E-coli, Recal Coliform and Total Coliform were found to be present >24,200 col/100ml	Phoenix Environmental	Yes			





2.2 Credit for screening data collected under 2004 permit

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

Outfall	Sample date	Parameter (Nitrogen, Phosphorus, Bacteria, or Other pollutant of concern)	Results	Name of Laboratory (if used)	Follow-up required?
Hanover Ave & Park Place (754818.30, 982130.19)	10/7/2009	E. Coli	6790 MPN/100 mL	Phoenix Environmental	Yes
East Main St & Research Pwy (752283.58, 997431.99)	10/7/2009	E.Coli	1330 MPN/100 mL	Phoenix Environmental	Yes
Cook Ave & Summer St (754000.37, 984145.79)	10/7/2009	E. Coli	5480 MPN/100 mL	Phoenix Environmental	Yes
Hanover Ave & Park Place (754818.30, 982130.19)	11/4/2010	E. Coli	8660 MPN/100 mL	Phoenix Environmental	Yes
East Main St & Research Pwy (752283.58, 997431.99)	11/4/2010	E.Coli	1040 MPN/100 mL	Phoenix Environmental	Yes
Cook Ave & Summer St (754000.37, 984145.79)	11/4/2010	E. Coli	>24200 MPN/100 mL	Phoenix Environmental	Yes
Hanover Ave & Park Place (754818.30, 982130.19)	10/19/2011	E. Coli	760 MPN/100 mL	Phoenix Environmental	Yes
East Main St & Research Pwy (752283.58, 997431.99)	10/19/2011	E.Coli	460 MPN/100 mL	Phoenix Environmental	Yes
Cook Ave & Summer St (754000.37, 984145.79)	10/19/2011	E. Coli	3280 MPN/100 mL	Phoenix Environmental	Yes
Hanover Ave & Park Place (754818.30, 982130.19)	11/24/2014	E. Coli	1500 MPN/100 mL	Phoenix Environmental	Yes
East Main St & Research Pwy (752283.58, 997431.99)	11/24/2014	E.Coli	60 MPN/100 mL	Phoenix Environmental	No
Cook Ave & Summer St (754000.37, 984145.79)	11/24/2014	E. Coli	960 MPN/100 mL	Phoenix Environmental	Yes
Hanover Ave & Park Place (754818.30, 982130.19)	9/10/2015	E. Coli	5170 MPN/100 mL	Phoenix Environmental	Yes
East Main St & Research Pwy (752283.58, 997431.99)	9/10/2015	E.Coli	690 MPN/100 mL	Phoenix Environmental	Yes
Cook Ave & Summer St (754000.37, 984145.79)	9/10/2015	E. Coli	15530 MPN/100 mL	Phoenix Environmental	Yes
Hanover Ave & Park Place (754818.30, 982130.19)	9/19/2016	E. Coli	2850 MPN/100 mL	Phoenix Environmental	Yes





Outfall	Sample date	Parameter (Nitrogen, Phosphorus,	Results	Name of Laboratory	Follow-up required?
		Bacteria, or Other pollutant of concern)		(if used)	
East Main St & Research Pwy (752283.58, 997431.99)	9/19/2016	E.Coli	1010 MPN/100 mL	Phoenix Environmental	Yes
Cook Ave & Summer St (754000.37, 984145.79)	9/19/2016	E. Coli	>24200 MPN/100 mL	Phoenix Environmental	Yes

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

Pollutant of concern	Pollutant threshold
Nitrogen	Total N > 2.5 mg/l
Phosphorus	Total P > 0.3 mg/l
Bacteria (fresh waterbody)	• E. coli > 235 col/100ml for swimming areas or 410 col/100ml for all others
	Total Coliform > 500 col/100ml
Bacteria (salt waterbody)	 Fecal Coliform > 31 col/100ml for Class SA and > 260 col/100ml for Class SB
	Enterococci > 104 col/100ml for swimming areas or 500 col/100 for all others
Other pollutants of concern	Sample turbidity is 5 NTU > in-stream sample
-	

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

Provide the following information for outfalls exceeding the pollutant threshold.

Outfall	Status of drainage area investigation	Control measure implementation to address impairment					
Nothing to re	Nothing to report.						





4. Prioritized outfall monitoring (Section 6(i)(1)(D) / page 43)

Once outfall screening 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	Sample Date	Parameter(s)	Results	Name of Laboratory (if used)			
The City has completed outfall screening for approximately two-thirds of its outfalls that discharge directly to impaired waters. The City is in the process of identifying the 6 highest contributors of pollutants of concern and will sample those outfalls annually. The list of 6 outfalls to be sampled annually will be revisited based on the results of the remaining impaired waters outfall screening.							





Part III: Additional IDDE Program Data

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

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

1. Catchment ID (DEEP Basin ID)	2. Category	3. Rank
See attached table of rai	nked catchments.	

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

2.1 Dry weather screening and sampling data from outfalls and interconnections

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

Outfall / Interconnection ID	Screening / sample date	Ammonia	Chlorine	Conductivity	Salinity	E. coli or enterococcus	Surfactants	Water Temp	Pollutant of concern	If required, follow-up actions taken
See attached sum	See attached summary of results from dry weather screening.									





2.2 Wet weather sample and inspection data

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

Outfall / Interconnection ID	Sample date	Ammonia	Chlorine	Conductivity	Salinity	E. coli or Enterococcus	Surfactants	Water Temp	Pollutant of concern
See attached sum	See attached summary of results from wet weather impaired waters outfall sampling. No catchments investigation sampling has been performed to date.								

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

3.1 System Vulnerability Factor Summary

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

Outfall ID	Receiving Water	System Vulnerability Factors
Nothing to	report.	

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 that poor owner maintenance).
- 12. History of multiple local health department or sanitarian actions addressing widespread septic system failures (indicative of inadequate soils, water table separation, or other physical constraints of the area rather that poor owner maintenance).
- 3.2 Key junction manhole dry weather screening and sampling data

Key Junction Manhole ID	Screening / Sample date	Visual/ olfactory evidence of illicit discharge	Ammonia	Chlorine	Surfactants
Nothing to report.					

3.3 Wet weather investigation outfall sampling data

Outfall ID	Sample date	Ammonia	Chlorine	Surfactants
Nothing to report.				

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

Discharge location	Source location	Discharge description	Method of discovery	Date of discovery	Date of elimination	Mitigation or enforcement action	Estimated volume of flow removed
Nothing to report							





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:
Timothy Coon	Lindsay Silcox, EIT – Fuss & O'Neill, Inc.
Signature / Date:	Signature / Date: Lindsayfilap 3/19/2021

Attachment 1 Impaired Waters Outfall Sampling Table



Impaired Outfall Wet Weather Sampling 2016 Municipal Separate Storm Sewer System (MS4) Permit

Meriden, Connecticut July 13, 2020

										Flow			Olfactory					Outfall Un-Stream		F	Fecal	Total	Nitrato-		Total		
Outfall ID	Basin No.	Subregion Sampler Name	Sample Date & Ti	ne Last Rain Date		Outfall .) Innundated	Up Stream Location	Up Stream Location Notes	Flow	Depth (inches)	Flow Description	Visual Evidence of Illicit Discharge	Olfactory Evidence of Illict Discharge	Sample Number	Temperature (deg C)	рН	Specific Conductivity	Turbidity (NTU) (NTU)	Salinity (ppt)	Chlorine E-Coli Co (col/100ml) (col.	oliform /100ml) (Coliform col/100ml)	Nitrite (mg/L)	TKN (mg/L)	Nitrogen (mg/L)	Phosphorus (mg/L)	Notes
OF-233 OF-694	5200-00-4-L2 5200-00-4-L2	Quinnipiac River M. Gualtie Quinnipiac River M. Gualtie			0.77	Yes	CatchBasin	Could not access outfall	Yes Yes	2	Moderte Trickle	None None	None None	1305200413-01 1305200413-02	12.9 12.4	6.96 6.56	61.4 37.8				41 538	24200 >24,200	0.11	1.47 0.90	1.58 1.00	0.222	Good Could not enter picture - no service while at this sampling
OF-368	5200-00-4-12				0.1	Yes	CatchBasin	Inundated outfall	Yes	2	Moderte	None	None	1305200413-02	12.4	6.56	26.2			703	305	>24,200		2.30	2.35		location. Good
OF-261	5200-00-4-L2	Quinnipiac River M. gualtier	i 2020-04-13 10:33:	0 2020-04-13 16:00:00	0.77	No	Catcribasiii	Indituated outrain	Yes	1	Trickle	None	None	1305200413-04	11.1	6.36	230.1			1020	959	17300				0.703	Good
OF-219 OF-594		Quinnipiac River M. Gualtie Quinnipiac River M. Gualtie			0.77	No Yes	Interconnectino	Could not access outfall	Yes	3	High Moderte	None None	None None	1305200413-05 1305200413-06	13.6 14.9	7.06	54.3 23.8			2490	744 <10	24200 19900	0.27	0.80	1.07 0.88	0.160	Good Good
OF-217		Quinnipiac River M. Gualtie			0.77	Yes		Steep cliff could not access outfall	Yes	3	High	None	Petroleum	1305200413-00	14.1	6.76	42.1				10	6130	0.04	0.04	0.00	0.100	Good
OF-627	5200-00-4-L2	Quinnipiac River M. Gualtie	i 2020-04-13 8:47:0	2020-04-13 16:00:00	0.77	Yes	CatchBasin	Same catch basin used for sample 1305200413-01	Yes	2	Trickle	None	None	1305200413-07	12.9	6.56	37.8			5480	2760	>24,200					Good
OF-152	5205-00-2-R2	Sodom Brook S. Berryma	n 2020-03-24 9:56:0		1.26	No		1303200413-01	Yes	3	High	None	None	1352032420-01	6.1	8.05	302.2			>24,200 2	24200	>24,200]		Good
OF-224 OF-602	5205-00-2-R3 5205-00-2-R3				1.26	No	Catab	Catalanda	Yes	3	Damp	None	None	1352032420-02	5.2 4.5	7.86	198.6 80.8				<10	>24,200					Good
OF-602 OF-590		Sodom Brook S. Berryma Sodom Brook S. Berryma		0 2020-03-23 16:00:00 2020-03-23 16:00:00	1.26	Yes	CatchBasin	Catchbasin	Yes Yes	3 10	Trickle Moderte	None None	None Musty	1352032420-03 1352032420-04	4.5	8.05	282.7			14100 1	75	>24,200 4610					Good Good
OF-399		Sodom Brook S. Berryma			1.26	No			No		Damp	None	None	1352032420-05	4.4	7.91	299.6			146	20	>24,200					
OF-591	5205-00-2-R2	Sodom Brook S. Berryma	n 2020-03-24 12:18:0	0 2020-03-23 16:00:00	1.26	Yes	CatchBasin	Catchbasin	Yes	2	Trickle	None	None	1352032420-07	6.7	7.55	67.9			132	10	19900			I	i.	Good
OF-245	5206-01-1	Harbor Brook S. Berryma			0.62	No			Yes	0.25	Trickle	None	None	1352200330-02	8.7	7.8	234.3		0.1	<10		2380					Good
OF-488 OF-487	5206-01-1 5206-01-1	Harbor Brook S. Berryma Harbor Brook S. Berryma			0.62	Yes Yes	CatchBasin CatchBasin	Could not locate outfall Outfall inundated	Yes	4	Moderte Trickle	None None	None None	1352200330-03 1352200330-04	8.8	6.57 6.74	150.7 406.2		0.1	31 <10		3450 4610					Lots of leaf litter/sediment on top of catchbasin grate. Good
OF-29	5206-01-1	Harbor Brook S. Berryma			0.62	Yes	CatchBasin	Catchbasin	Yes	1	Moderte	None	None	1352200330-05	8.9	7.47	456.4		0.2	97		3650					Good
OF-28	5206-01-1	Harbor Brook S. Berryma			0.62	No			No		Damp	None	None	1352200330-06	8.4	6.96	486.6		0.2	63		2600			I		
OF-25	5206-01-1	Harbor Brook S. Berryma			0.62	Yes	CatchBasin	Catchbasin	Yes	3	Damp	None	None	1352200330-07	9,9	7.66	504		0.2	10		583					Good
OF-554	5206-01-1	Harbor Brook S. Berryma			0.62	Yes		Unable to locate outfall	Yes	2	Trickle	None	None	1353200330-01	93	6.63	102.6		0	41		8660			I		Good
OF-27	5206-01-1	Harbor Brook S. Berryma	n 2020-03-30 11:23:0	0 2020-03-29 16:00:00	0.62	No	Catchbash	Chable to locate outrain	Yes	1	Moderte	None	None	1353200330-08	8.7	7.35	576		0.3	52		2380					Good
OF-24 OF-447	5206-01-1 5206-00-2-R1	Harbor Brook S. Berryma Harbor Brook K. Pierce	n 2020-03-30 11:55:0 2020-03-24 10:05:0		0.62	No No			Yes	0.25	Trickle Trickle	None None	None None	1353200330-09 1362200324-01	8.9 5.6	7.88 7.26	340.9 140		0.2	1670 6870	4110	>24,200					Good Hard to reach
OF-404	5206-00-2-R1	Harbor Brook K. Pierce	2020-03-24 10:05:0	0 2020-03-23 16:00:00	2	No			Yes	0.25	Trickle	None	None	1362200324-01	4.8	6.64	123			62	10	4110					Steep slope
OF-452 OF-446	5206-00-2-R1	Harbor Brook K. Pierce	2020-03-24 10:35:0		2	No			Yes	0.75	Moderte	None	None	1362200324-03	6.3	7.09	544				<10	2190					Looks good
OF-446 OF-311	5206-00-2-R1 5206-00-2-R1	Harbor Brook K. Pierce Harbor Brook K. Pierce	2020-03-24 11:00:0 2020-03-24 11:10:0		2	No Yes	CatchBasin	Second outfall up	Yes	0.1	Trickle Trickle	None None	None None	1362200324-04 1362200324-05	5.1	7.45	412 554				<10 24,200	867			ļ		Looks good
OF-509	5206-00-2-R1	Harbor Brook K Pierce	2020-03-24 11:40:0	0 2020-03-23 16:00:00	2	Yes		First upstream catch basin	Yes	0.1	Damp	None	None	1362200324-06	4.6	7.84	119				<10	4110					Looks Good
OF-401 OF-129	5206-00-2-R1 5205-00-2-R1	Harbor Brook K. Pierce Sodom Brook HH	2020-03-24 12:10:0		0.77	No			Yes	0.5	Moderte Moderte	None None	None None	1362200324-07 1510200413-01	6.1	7.05	162 30.5	54.91		110	85	6870 24200					Blocked with sediment but still flowing
OF-128	5205-00-2-R1	Sodom Brook HH	2020-04-13 11:26:	0 2020-04-10 16:00:00	0.77	No			Yes	0.5	Moderte	None	None	1510200413-02	15	7.3	35	28.72		52		>24,200					
OF-103 OF-57	4601-00-1-L2 5206-01-1	Belcher Brook HH Harbor Brook S. Berryma	2020-04-13 11:56:0 n 2020-03-19 11:03:0		0.77	No No			Yes	0.5	Moderte Moderte	Foam None	None None	1510200413-03 1532031920-01	16.2 7.1	6.92 7.35	14.3 148	111.4	0.1	281	203	>24,200	0.18	0.82	1.00	0.224	Some suspended particles Good
OF-32	5206-01-1	Harbor Brook S. Berryma	n 2020-03-19 11:15:0	0 2020-03-19 16:00:00	1	No			Yes	1	Trickle	None	None	1532031920-02	7.6	7.25	132.4		0.1			>24,200					Good
OF-39	5206-01-1	Harbor Brook S. Berryma	n 2020-03-19 11:31:0	0 2020-03-19 16:00:00	1	Yes	CatchBasin	Catchbasin Could not find either outfall. Sample	Yes	1	Moderte	None	None	1532031920-03	8.2	7.13	249.6		0.1	6490	934	>24,200					Outfall inaccessible due to fencing Took one sample from catchbasin, both outfalls apparently
OF-141	5206-01-1	Harbor Brook S. Berryma			1	Yes	CatchBasin	taken from upstream catchbasin, May count for both outfalls		0.5	Moderte	None	Petroleum	1532031920-04	7.9	6.91	248.8		0.1		7300	>24,200				ļ	are fed from this basin, could not find either outfall. Swales were located but had no flow
OF-256 OF-255		Quinnipiac River K. Pierce Quinnipiac River K. Pierce			0.2	No			Yes	0.25	Moderte Moderte	None None	None None	1567031920-01 1567031920-02	7.9	7.89	303				<10	650 1040			I		Looks good Looks good
OF-254	5200-00-4-L2	Quinnipiac River K. Pierce	2020-03-19 10:30:0	0 2020-03-17 16:00:00	0.2	No			Yes	0.23	Trickle	None	None	1567031920-03	9.2	7.25	448			<10	<10	341					Looks good
OF-257 OF-258	5200-00-4-L2	Quinnipiac River K. Pierce Quinnipiac River K. Pierce			0.2	No No			Yes Yes	0.25	Moderte Trickle	None None	None None	1567031920-04 1567031920-05	7	7.33 7.43	296 182			173 259	175 624	6490 19900			I		Looks good Looks good
OF-259	5200-00-4-L2		2020-03-19 11:30:0		0.2	No			Yes	0.25	Moderte	None	None	1567031920-05	7.1	7.43	222				<10	5480					Looks good
01-237	J200*00*4*L2	Quinnipiac River K. Pierce	2020*03*17 11.30.0	2020-03-17 10.00.00	0.2	140			163	0.25	Wodente	None	None	1307031920-00	1.1	7.51	222			< 10	<10	J400			I		Mary bidden under bruch. Bass un with start of establishe
OF-260	5200-00-4-L2	Quinnipiac River K. Pierce	2020-03-19 11:40:0	0 2020-03-17 16:00:00	0.2	No			Yes	0.25	Moderte	None	None	1567031920-07	7	7.34	290			10	<10	4880			I	i.	Very hidden under brush , lines up with start of retaining wall.
OF-286 OF-266	5200-00-4-L2	Quinnipiac River K. Pierce	2020-03-19 12:05:0 i 2020-03-30 8:59:0		0.2	No No			Yes Yes	0.5	Moderte	None	None	1567031920-08 1567033020-01	7.7	7.63 7.53	255 207.5		0.1	197 512	148	5480					Looks good
OF-200 OF-533		Quinnipiac River M. gualtier Quinnipiac River M. Gualtier		0 2020-03-29 16:00:00	0.62	Yes	CatchBasin	Catch basin	Yes	1	High Trickle	None None	None None	1567033020-02	9.9	5.74	83		0.04	1660		3650 24200]		Good Good, could not locate outfall, steep cliff
OF-235	5200-00-4-R7	Quinnipiac River M. Gualtie			0.62	No			Yes	0.2	Moderte	None	None	1567033020-05	11.9	7.7	519.5		0.25	481		2850					Good
OF-364	5200-00-4-R7	Quinnipiac River M. Gualtie	i 2020-03-30 10:03:0	0 2020-03-29 16:00:00	0.62	Yes	CatchBasin	Outfall inundated, upstream catch basin sampled	Yes	0.5	Trickle	None	None	1567033020-07	9.3	7.24	125.4		0.06	135		3260			I	1	Good
OF-595 OF-265	5200-00-4-R7 5200-00-4-L2				0.62	No			Yes	0.01	Trickle	None	None	1567033020-08	10 9.3	7.17	361.2		0.17	10		571					Good
OF-265 OF-237	5200-00-4-L2 5205-00-2-R2		i 2020-03-30 11:27:0 2020-03-30 9:15:0	0 2020-03-29 16:00:00 0 2020-03-30 16:00:00	0.62	No Yes	CatchBasin	First catch basin up	Yes	0.01	Trickle Trickle	None None	None None	1567033020-10 1999033020-01	9.3	7.31 7.05	239.2 342		0.11	<10 <10		298 5480					Good Inundated, first upstream catch basin
OF-585	5205-00-2-R2	Sodom Brook K. Pierce	2020-03-30 9:55:0	2020-03-30 13:56:11	0.6	No			Yes	0.2	Moderte	None	None	1999033020-02	7.6	7.72	486.5			31		2380					Outfall in bad condition
OF-425 OF-586	5205-00-2-R2 5205-00-2-R2		2020-03-30 10:20:0 2020-03-30 10:45:0	0 2020-03-30 16:00:00 0 2020-03-30 16:00:00	0.6	No			Yes	0.1	Trickle Trickle	None None	None None	1999033020-03 1999033020-04	5.8	7.6	910 927			<10		450 548					Looks good
OF-223	5200-00-4-L2		2020-04-13 11:30:0		0.77	No			Yes	1	High	None	None	LSS200413-OF-223	13.5	6.26	43		0.02	187		>24,200	0.2	1.46	1.66	0.230	Right off of Oregon Road.
OF-234	5206-00-2-R1	Harbor Brook L. Silcox	2020-04-13 9:13:0	2020-04-10 16:00:00	0.77	No			Yes	1	High	None	None	LSS-200413-OF-234	13.1	6.97	40		0.02	1310		>24,200			I	1	Outfall not flowing. Sample taken from upstream catch basin. Catch basin built up with leaf debris.
		Sodom Brook L. Silcox			0.77	No			Yes	1	Moderte	None	None	LSS200413-OF-272	12.7	6.71	166.5		0.1	<10		<10					Walk along baseball field.
		Harbor Brook L. Silcox Harbor Brook L. Silcox				No No			Yes	2	High High	None None	None None	LSS200413-OF-395 LSS-200413-OF-396	13.7	6.28 6.08	17.5 36.2		0.01	31		17300 >24,200			I		None None
OF-422		Harbor Brook L. Silcox				No			Yes	4	High	None	None	LSS200413-OF-422	14.6	6.45	34.2		0.02	441		19900					None.
OF-423	5206-00-2-R1	Harbor Brook L. Silcox	2020-04-13 12:13:0	0 2020-04-10 16:00:00	0.77	No			Yes	4	High	None	None	LSS200413-OF-423	15	5.99	11.9		0.01	31		7270					Outfall could not be found. Followed manholes labeled stormwater that appeared to be connected to the catch basin that sample was taken from.
OF-427	5206-00-2-R1	Harbor Brook L. Silcox	2020-04-13 10:46:	0 2020-04-10 16:00:00	0.77	Yes	CatchBasin	First upstream catch basin-sump	Yes	2	High	None	None	LSS200413-OF-427	14.1	5.73	18.2		0.01	86		>24,200					Outfall inundated. Sample taken from upstream catch basin sump.
		Harbor Brook L. Silcox	2020-04-13 10:29:			No			Yes		High	None	None	LSS200413-OF-428	13.8	6.05	14.8		0.01	132		>24,200					None
OF-443 OF-285		Harbor Brook L. Silcox Quinnipiac River M. Luna				No No			Yes Yes	1 1.5	High High	None None	None None	LSS-200413-OF-443 MM190912-285	13.1 20.7	7.87 5.58	37.7 129.3	18.92	0.02	41 17300 >2	24,200	24200 >24,200	-				None. Brownish tint
	5200-00-4-L2	Quinnipiac River M. Luna				No			Yes		High High	None	None	MM190912-285	17.3	5.58 6.91	129.3	3.91		3080 1							Brownish tint.
		Quinnipiac River M. Luna				No			Yes		High	Floatables	None	MM190912-601	20.6	6.16	129.6	13.2			24,200	>24,200					Brownish tiny, suspended particles.
OF-111		Harbor Brook M. Luna				No			Yes		Moderte	None	None	MM190926-111	21.6	7.13	46.9				102	>24,200					Clear, brown tint Clear, brownish tint
OF-230	5206-00-2-R1				0.52	No			Yes	0.5	Moderte	None	None	MM190926-230	20	7.4	35.8				193	>24,200			I	I	-
OF-242 OF-287	5206-00-2-R1 5206-00-2-R1					No No			Yes Yes	0.5	Moderte Trickle	None Algae	Musty None	MM190926-242 MM190926-287	20.4	6.19 6.49	94.6 171.7			9210	7270 24.200	>24,200			I		Clear, brown tint Clear
OF-406	5206-00-2-R1	Harbor Brook M. Luna	2019-09-26 17:10:0	0 2019-09-16 16:00:00	0.52	No			Yes	1	Moderte	None	None	MM190926-406	21.5	6.64	32.5			189	908	>24,200					Clear
OF-445 OF-512	5206-00-2-R1 5206-00-2-R1		2019-09-26 17:02:0 2019-09-26 17:06:0		0.52	No No			Yes Yes	0.5	Moderte Moderte	None Algae	None None	MM190926-445 MM190926-512	22.5 20.9	8.3 6.83	35.8				2380 24,200	>24,200			I		Clear Slightly cloudy, brown tint
OF-513	5206-00-2-R1	Harbor Brook M. Luna	2019-09-26 17:08:0	0 2019-09-16 16:00:00	0.52	No			Yes	1	Moderte	None	None	MM190926-513	21.6	6.6	21.6			1440	1410	>24,200		t			Clear, trace suspended organic particle
OF-644	5206-00-2-R1					No			Yes		Moderte	None	None	MM190926-644	21.3	6.14	50.8					>24,200					Brownish tint Can not determine upstream location, no upstream surface
OF-339	5206-02-1	Harbor Brook M. Mostow	-		0.29	No			Yes	0.25	Moderte	None	None	MM191001-339	18.8	6.5	16.3	1.41		3870	1990	>24,200				I	Can not determine upstream location, no upstream surface waters evident.
OF-550	5206-02-1					No			Yes		Moderte	None	None	MM191001-550	18	6.44	26.3	4.81 1.28				>24,200	-				
OF-551 OF-552	5206-02-1 5206-02-1	Harbor Brook M. Mostow Harbor Brook M. Mostow				No No			Yes Yes	0.25	Moderte High	None None	None None	MM191001-551 MM191001-552	17.9 18.5	6.21 6.08	24.2 37.9	3.32 6.18 1.48 5.65				>24,200 >24,200					<u> </u>
OF-252	5200-00-4-L2	Quinnipiac River M. Mostow	y 2019-11-16 9:58:0	2019-10-31 16:00:00	0.56	No			Yes	0.1	Trickle	None	None	MM191112-252	11.5	7.28	520.5	2.78		<10	<10	98					
OF-253 OF-279		Quinnipiac River M. Luna Quinnipiac River M. Luna				No No			Yes Yes	0.05	Trickle Moderte	Algae None	None None	MM191112-253 MM191112-279	9.6 8.2	6.74 7.28	510.1 116.2	2.56 7.91			<10 75	3260 >24,200					
		Quinnipiac River M. Mostow				No			Yes	0.1		None	None	MM191112-371	9.1	8.07	454.8	4.79		<10							



Impaired Outfall Wet Weather Sampling 2016 Municipal Separate Storm Sewer System (MS4) Permit

Meriden, Connecticut July 13, 2020

Outfall ID	Basin No.	Subregion	Sampler Name	Sample Date & Time	Last Rain Date	Last Rain Ammount (in.)	Outfall Innundated	Up Stream Up Stream Location Notes	Flow	Flow Depth (inches)	Flow Description	Visual Evidence of Illicit Discharge	Olfactory Evidence of Illict Discharge	Sample Number	Temperature (deg C)	pН	Specific Conductivity	Outfall Turbidity (NTU)	Up-Stream Turbidity (NTU) (ppt) Chlorin	e E-Coli (col/100ml)	Fecal Coliform (col/100ml)	Total Ni Coliform N (col/100ml) (m	trate- itrite g/L) (mg/L)	Total Nitrogen (mg/L)	Phosphorus (mg/L)	Notes
OF 199	5206.02.1	Harbor Brook		2020-04-13 10:07:00	2020.04.10.16:00:00	0.77	No		Vos	1	High	Nono	Sewage	No Lab Sample	12.2	7.52										Trace sewage odor.
OF-218		Quinnipiac River		2020-03-19 11:08:00	2020-03-24 16:00:00	0.77	No		No		Drv	None	None	No Lab Sample	13.2	1.55	00.7	00.20								Looks like not active
OF-236		Quinnipiac River		2020-03-30 10:41:00	2020-03-29 16:00:00	0.62	No		No		Dry	None	None	No Lab Sample												No sample taken- same as outfall 5
OF-290		Harbor Brook		2020-03-24 12:30:00	2020-03-23 16:00:00	1.26	Yes	CatchBasin Catchbasin damp but not samples	No		Damp	None	None	No Lab Sample												Damp but no water to sample
OF-369		Quinnipiac River		2020-04-13 9:48:00	2020-04-13 16:00:00	0.1	Yes	CatchBasin No flow or upstream catch basin	No		Dry	None	RottenEggs	No Lab Sample												No flow to upstream catchbasin
OF-370	5200-00-4-L2	Quinnipiac River	K. Pierce	2020-03-19 11:07:00	2020-03-17 16:00:00	0.2	No		No		Dry	None	None	No Lab Sample												No flow
OF-383		Harbor Brook	K Pierce	2020-03-30 12:20:00	2020-03-30 16:00:00	0.6	Yes	Interconnection Interconnection there that seems out of service	e No		Dry	None	None	No Lab Sample												Doesn't appear to have upstream connection, there is one old metal pipe there that seems out of service. Across the River is another outfall, maybe should be sampled.
OF-402		Harbor Brook	K. Pierce	2020-03-24 13:00:00	2020-03-23 16:00:00	2	Yes	Interconnectino No upstream available	No		Dry	None	None	No Lab Sample												Not flowing and also not accessible
OF-403	5206-00-2-R1	Harbor Brook	K. Pierce	2020-03-24 9:28:00	2020-03-23 16:00:00	2	Yes	Interconnectino No upstream available	No		Dry	None	None	No Lab Sample												Inaccessible
OF-41	5206-02-1	Harbor Brook	S. Berryman	2020-03-19 9:33:00	2020-03-19 16:00:00	1	Yes	CatchBasin Catchbasin located immediately upstream, next to driveway entrance	Yes	2	Moderte	None	None	No Lab Sample	8.8	5.53	118.6	0	22.64 0.1							Outfall inundated, sampled catchbasin
OF-433	5206-02-1	Harbor Brook	HH	2020-04-13 10:44:00	2020-04-10 16:00:00	0.77	Yes	CatchBasin Catch basin located to the west of outfall	Yes	0.25	Moderte	Oily Sheen	None	No Lab Sample	13.6	7.1	55.1	22.65								"Soapy" texture
OF-448	5206-00-2-R1	Harbor Brook	K. Pierce	2020-03-24 12:54:00	2020-03-23 16:00:00	2	Yes	Interconnectino No upstream location available	No		Dry	None	None	No Lab Sample												Not flowing and also not accessible
OF-449		Harbor Brook	K. Pierce	2020-03-30 12:09:00	2020-03-30 16:00:00	0.6	No		No		Dry	None	None	No Lab Sample												Need extension scoop or rope with bucket to sample
OF-496		Harbor Brook	HH	2020-04-13 8:57:00	2020-04-10 16:00:00	0.77	No		Yes	0.1	Moderte	None	None	No Lab Sample	12.9	8.48	76.4	4.40								
OF-498		Harbor Brook	HH	2020-04-13 9:08:00	2020-04-10 16:00:00	0.77	No		Yes	0.1	Moderte	None	None	No Lab Sample	12.8	7.75	38.5	12.1								
OF-499		Harbor Brook	S. Berryman	2020-03-19 10:11:00	2020-03-19 16:00:00	1	No		Yes	0.5	Trickle	None	None	No Lab Sample	7.8	6.16	117.2	0	31.36 0.1							Could not access outfall
OF-525 OF-546		Harbor Brook Harbor Brook	S. Berryman HH	2020-03-19 10:19:00 2020-04-13 9:18:00	2020-03-19 16:00:00 2020-04-10 16:00:00	0.77	Yes	CatchBasin At corner	Yes	3	Moderte Moderte	None	None	No Lab Sample No Lab Sample	/	5.66 7.29	93.5 51.6	0	20.9 0							Outfall inundated
OF-546 OF-548		Harbor Brook	HH	2020-04-13 9:18:00	2020-04-10 16:00:00	0.77	No		Yes	0.1	Moderte	None None	None None	No Lab Sample	12.3	7.29	37.7	8.60 61.78								
OF-549		Harbor Brook	HH	2020-04-13 9:44:00	2020-04-10 16:00:00	0.77	No		Yes	0.25	Moderte	None	None	No Lab Sample	13.1	6.99	199.9	113.4		-						Brown tint.
OF-589		Sodom Brook	S. Berryman	2020-03-24 11:32:00	2020-03-23 16:00:00	1.26	Yes	CatchBasin Catchbasin	Yes	2	Trickle	None	None	No Lab Sample	5.6	7.77	193.4	113.4								Good
OF-597	5206-00-2-R1	Harbor Brook	K Pierce	2020-03-30 8:58:00	2020-03-29 16:00:00	0.6	Yes	Manhole No pick to open	No	-	Dry	None	None	No Lab Sample												Appears to have now flow, can't open upstream manhole without pick
OF-62			S. Berryman	2020-03-19 10:37:00	2020-03-19 16:00:00	1	No		Yes		Trickle	None	None	No Lab Sample			97.4		16.08 0							Good
OF-622 OF-63		Harbor Brook	HH	2020-04-13 10:23:00 2020-03-19 10:47:00	2020-04-10 16:00:00 2020-03-12 16:00:00	0.77	No		Yes	0.25	Moderte	None	None	No Lab Sample	13.4	7.26	55.1	315.3								No flow in suffell on actual size
OF-63 OF-681		Harbor Brook Sodom Brook	S. Berryman K. Pierce	2020-03-30 9:46:00	2020-03-30 16:00:00	0.6	No		No		Damp	None None	None None	No Lab Sample No Lab Sample												No flow in outfall or catchbasin Not flowing
OF-661 OF-151		Harbor Brook	N. Pielce	2020-03-30 9.40.00	2020-03-30 10.00.00	0.0	INU		INU		Dry	NOTE	NOTE	NU Lab Sample												Not nowing
OF-212		Quinnipiac River																								
OF-239		Harbor Brook																								
OF-241		Quinnipiac River																								
OF-315		Quinnipiac River																								
OF-33		Harbor Brook																								
OF-392		Harbor Brook																								
OF-394 OF-40		Harbor Brook														_										
OF-40		Harbor Brook Harbor Brook							-																	
OF-42		Harbor Brook																								,
OF-421		Quinnipiac River																								
OF-426		Harbor Brook																								
OF-43		Harbor Brook																								
OF-430		Harbor Brook																								
OF-431		Harbor Brook																								
OF-432 OF-497		Harbor Brook														_										
OF-497 OF-518		Harbor Brook Harbor Brook							-																	
OF-518 OF-519		Harbor Brook														+					+ +			+		
OF-568		Harbor Brook																						1		
OF-583		Sodom Brook				1			1					1		1				1	1 1					
OF-598	5206-00-2-R1	Harbor Brook																								
OF-605		Harbor Brook																								
OF-606		Harbor Brook																								
OF-612		Harbor Brook																								
OF-642		Harbor Brook														+				-				1		
OF-649		Harbor Brook														1								1		
OF-66 OF-67		Harbor Brook Harbor Brook							-											+				+		
UF-0/	5200-00-2-RT	HALDOL BLOOK			1				1	I		1	1	1		1		1	I I I		1			1		

Notes Action limit exceeded. Follow-up investigation required. There is visual and/or olfactory evidence of an illicit discharge. Follow-up investigation required. Possible sewage illicit discharge. Immediate follow-up investigation required.

Attachment 2 Catchment Priority Ranking

Outfall ID	Local Basin ID	Past Discharge Reports	Discharge	Receiving Water Quality	WQ_Score	Density of	LU_Score	Age of Development and	DevAge	Sewered or		SewerScore	Historic CSOs	Cso	Septic Age	Septic Score	Culverted Streams	Culvert Score Public Health Area	Total	Score	Priority
OF-642	5206-00-2-R1	Flow, no illicit discharge evidence	Score	4a	3	Generating Sites High	3	pre-1970	Score 3	Septic Sewered	Conversion Yes	3	No	Score	Sewered	0	High potential	3 No	17	(0-10)	High
OF-2	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-5	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-6	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-45 OF-46	5206-00-2-R1 5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-46 OF-47	5206-00-2-R1 5206-00-2-R1	Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes	3	No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16	9.2 9.2	High High
OF-48	5206-00-2-R1	Unscreened	1	4a 4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-49	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-52	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-53	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-54 OF-59	5206-00-2-R1 5206-00-2-R1	Unscreened Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-60	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-61	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-62	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-63	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-64 OF-65	5206-00-2-R1 5206-00-2-R1	Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-66	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-67	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-68	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-69	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-70 OF-71	5206-00-2-R1 5206-00-2-R1	Unscreened Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-72	5206-00-2-R1	Unscreened	1	4a 4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 NO	16	9.2	High
OF-73	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered		3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-74	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-75	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-76 OF-80	5206-00-2-R1 5206-00-2-R1	Unscreened	1	4a 4a	3	High	3	pre-1970	3	Sewered Sewered	Yes Yes	3	No No	0	Sewered Sewered	0	High potential	3 No 3 No	16	9.2	High
OF-80 OF-81	5206-00-2-R1 5206-00-2-R1	Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered	Yes	3	NO	0	Sewered	0	High potential High potential	3 NO 3 NO	16 16	9.2 9.2	High High
OF-82	5206-00-2-R1	Unscreened	1	48	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-83	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-84	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-85	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-86 OF-87	5206-00-2-R1 5206-00-2-R1	Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-88	5206-00-2-R1	Unscreened	1	4a 4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-89	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-90	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-91	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-92 OF-93	5206-00-2-R1 5206-00-2-R1	Unscreened Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-94	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-111	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-115	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-116	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-132 OF-143	5206-00-2-R1 5206-00-2-R1	Unscreened Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-145	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-149	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-151	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-154	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-155 OF-156	5206-00-2-R1 5206-00-2-R1	Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-157	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-158	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-176	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-211 OF-222	5206-00-2-R1 5206-00-2-R1	Unscreened Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered		3	No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-222 OF-230	5206-00-2-R1	Unscreened	1	4a 4a	3	High	3	pre-1970	3	Sewered		3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-234	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered		3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-238	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered		3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-239	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-242 OF-273	5206-00-2-R1 5206-00-2-R1	Unscreened Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-273 OF-287	5206-00-2-R1	Unscreened	1	4a 4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-290	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-310	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered		3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-311	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered		3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-312 OF-313	5206-00-2-R1 5206-00-2-R1	Unscreened Unscreened	1	4a 4a	3	High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-313 OF-318	5206-00-2-R1 5206-00-2-R1	Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered		3	NO	0	Sewered	0	High potential	3 NO	16	9.2	High
OF-320	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-383	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-384	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered		3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-390 OF-391	5206-00-2-R1 5206-00-2-R1	Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-391 OF-392	5206-00-2-R1 5206-00-2-R1	Unscreened	1	4a 4a	3	High	3	pre-1970 pre-1970	3	Sewered		3	NO	0	Sewered	0	High potential	3 NO 3 NO	16	9.2	High
OF-393	5206-00-2-R1	Unscreened	1	48	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-394	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-395	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-396	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered		3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-397 OF-398	5206-00-2-R1 5206-00-2-R1	Unscreened Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered		3	No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-398 OF-400	5206-00-2-R1	Unscreened	1	4a 4a	3	High	3	pre-1970	3	Sewered		3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-401	5206-00-2-R1	Unscreened	1	48	3	High	3	pre-1970	3	Sewered		3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-402	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-403	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-404 OF-405	5206-00-2-R1 5206-00-2-R1	Unscreened Unscreened	1	4a 4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered Sewered	0	High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-405 OF-406	5206-00-2-R1 5206-00-2-R1	Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	0	Sewered Sewered	Yes Yes	3	NO	-	Sewered	0	High potential High potential	3 NO 3 NO	16	9.2	High
01-400	5200 00-2-1(1	Onsciencu		70	J	nign	3	pic 17/0	J	JEWEIEU	103	5	NU	5	JOWEICU	J	nign potentia	3 110	10	7.2	A cirgin

Outfall ID	Local Basin ID	Bost Disabarga Banasta	Discharge	Bossiving Water Quality	WO Seere	Density of	LU_Score	Age of Development and	DevAge	Sewered or	Past Sewer	SawarSaara	Historic CSOs	Cso	Sentia Arra	Septic Score	Culverted Streams	Culvert Score Public Health Area	Total	Score	Driority
		Past Discharge Reports	Score	Receiving Water Quality	WQ_Score	Generating Sites		Infrastructure	Score	Septic	Conversion	SewerScore		Score	Septic Age					(0-10)	Priority
OF-422 OF-423	5206-00-2-R1 5206-00-2-R1	Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-426	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-427	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-428	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-434 OF-443	5206-00-2-R1 5206-00-2-R1	Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-444	5206-00-2-R1	Unscreened	1	4a 4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-445	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-446	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-447 OF-448	5206-00-2-R1 5206-00-2-R1	Unscreened Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-448 OF-449	5206-00-2-R1	Unscreened	1	4a 4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-450	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-451	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-452	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-453 OF-454	5206-00-2-R1 5206-00-2-R1	Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-455	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-456	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-499	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-505 OF-506	5206-00-2-R1 5206-00-2-R1	Unscreened Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-509	5206-00-2-R1	Unscreened	1	4a 4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-511	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-512	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-513 OF-514	5206-00-2-R1 5206-00-2-R1	Unscreened Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-515	5206-00-2-R1	Unscreened	1	4a 4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-516	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-517	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-525 OF-526	5206-00-2-R1 5206-00-2-R1	Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered	Yes Yes	3	No No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-529	5206-00-2-R1	Unscreened	1	4a 4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-530	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-531	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-535 OF-536	5206-00-2-R1 5206-00-2-R1	Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16	9.2 9.2	High High
OF-537	5206-00-2-R1	Unscreened	1	4a 4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 NO	16	9.2	High
OF-597	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-598	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-607	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-612 OF-614	5206-00-2-R1 5206-00-2-R1	Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered	Yes	3	No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16	9.2 9.2	High High
OF-637	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-643	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-644	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-664 OF-665	5206-00-2-R1 5206-00-2-R1	Unscreened	1	4a 4a	3	High High	3	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	16 16	9.2 9.2	High High
OF-678	5206-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	16	9.2	High
OF-128	5205-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	15	8.5	High
OF-129	5205-00-2-R1	Unscreened	1	4a	3	High	3	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	15	8.5	High
OF-686 OF-615	5205-00-2-R1 5205-03-1	Unscreened Flow, no illicit discharge evidence	2	4a Good or Unassessed	3	High Medium	3	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Road crossings only High potential	0 Yes 3 Yes	15 15	8.5 8.5	High High
OF-626	5205-03-1	Flow, no illicit discharge evidence	2	Good or Unassessed	0	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	High potential	3 Yes	15	8.5	High
OF-608	5206-00-2-R1	Screened, no flow	0	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	15	8.5	High
OF-640	5206-00-2-R1	Screened, no flow	0	4a	3	High	3	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	High potential	3 No	15	8.5	High
OF-647 OF-649	5206-00-2-R1 5206-00-2-R1	Screened, no flow Screened, no flow	0	4a 4a	3	High Hiah	3	pre-1970 pre-1970	3	Sewered	Yes Yes	3	No No	0	Sewered Sewered	0	High potential High potential	3 No 3 No	15 15	8.5 8.5	High High
OF-622	5206-02-1	Flow, no illicit discharge evidence	2	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	15	8.5	High
OF-177	5200-00-4-R7	Unscreened	1	4a	3	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	14	7.7	High
OF-210	5200-00-4-R7 5200-00-4-R7	Unscreened	1	4a	3	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	14	7.7	High
OF-212 OF-213	5200-00-4-R7 5200-00-4-R7	Unscreened Unscreened	1	4a 4a	3	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Road crossings only Road crossings only	0 Yes 0 Yes	14	7.7	High High
OF-214	5200-00-4-R7	Unscreened	1	4a	3	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	14	7.7	High
OF-235	5200-00-4-R7	Unscreened	1	4a	3	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	14	7.7	High
OF-236 OF-251	5200-00-4-R7 5200-00-4-R7	Unscreened Unscreened	1	4a 4a	3	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Road crossings only Road crossings only	0 Yes 0 Yes	14 14	7.7	High
OF-251 OF-266	5200-00-4-R7 5200-00-4-R7	Unscreened	1	4a 4a	3	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	14	7.7	High High
OF-268	5200-00-4-R7	Unscreened	1	4a	3	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	14	7.7	High
OF-269	5200-00-4-R7	Unscreened	1	4a	3	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	14	7.7	High
OF-314 OF-315	5200-00-4-R7 5200-00-4-R7	Unscreened Unscreened	1	4a 4a	3	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Road crossings only Road crossings only	0 Yes 0 Yes	14	7.7	High High
OF-315 OF-316	5200-00-4-R7 5200-00-4-R7	Unscreened	1	4a 4a	3	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	14	7.7	High
OF-317	5200-00-4-R7	Unscreened	1	4a	3	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	14	7.7	High
OF-364	5200-00-4-R7	Unscreened	1	4a	3	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	14	7.7	High
OF-424 OF-532	5200-00-4-R7 5200-00-4-R7	Unscreened Unscreened	1	4a 4a	3	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Road crossings only Road crossings only	0 Yes 0 Yes	14	7.7	High High
OF-532 OF-533	5200-00-4-R7 5200-00-4-R7	Unscreened	1	4a 4a	3	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	14	7.7	High
OF-534	5200-00-4-R7	Unscreened	1	4a	3	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	14	7.7	High
OF-593	5200-00-4-R7	Unscreened	1	4a	3	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	14	7.7	High
OF-595 OF-596	5200-00-4-R7 5200-00-4-R7	Unscreened Unscreened	1	4a 4a	3	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No	0	> 50 > 50	3	Road crossings only Road crossings only	0 Yes 0 Yes	14	7.7	High
OF-596 OF-663	5200-00-4-R7 5200-00-4-R7	Unscreened	1	4a 4a	3	Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Road crossings only Road crossings only	0 Yes 0 Yes	14	7.7	High High
OF-680	5200-00-4-R7	Unscreened	1	4a	3	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	14	7.7	High
OF-113	5205-03-1	Unscreened	1	Good or Unassessed	0	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	High potential	3 Yes	14	7.7	High
OF-225	5205-03-1	Unscreened	1	Good or Unassessed	0	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	High potential	3 Yes	14	7.7	High
OF-226 OF-227	5205-03-1 5205-03-1	Unscreened Unscreened	1	Good or Unassessed Good or Unassessed	0	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	High potential High potential	3 Yes 3 Yes	14	7.7	High High
OF-227 OF-231	5205-03-1	Unscreened	1	Good or Unassessed	0	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	High potential	3 Yes	14	7.7	High
OF-249	5205-03-1	Unscreened	1	Good or Unassessed	0	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	High potential	3 Yes	14	7.7	High
OF-250	5205-03-1	Unscreened	1	Good or Unassessed Good or Unassessed	0	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	High potential High potential	3 Yes 3 Yes	14 14	7.7	High
OF-262	5205-03-1	Unscreened							3					0	2:10	.1		3 Yes			High

Outfall ID OF-270 OF-271 OF-276 OF-277 OF-408	Local Basin ID	Past Discharge Reports	Discharge	Receiving Water Quality	WQ_Score	Density of	LU_Score	Age of Development and	DevAge	Sewered or		core Historic CSC	s Cso	Septic Age	Septic Score	Culverted Streams	Culvert Score Public Health Area	Total	Score	Priority
OF-271 OF-276 OF-277	5205-03-1		Score 1		0	Generating Sites Medium		Infrastructure	Score	Septic Partial	Conversion	No	Score	> 50					(0-10)	
OF-277	5205-03-1	Unscreened Unscreened	1	Good or Unassessed Good or Unassessed	0	Medium	2	pre-1970 pre-1970	3	Partial	Likely 2 Likely 2		0	> 50	3	High potential High potential	3 Yes 3 Yes	14 14	7.7	High High
	5205-03-1	Unscreened	1	Good or Unassessed	0	Medium	2	pre-1970	3	Partial	Likely 2	No	0	> 50	3	High potential	3 Yes	14	7.7	High
OE 100	5205-03-1	Unscreened	1	Good or Unassessed	0	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	High potential	3 Yes	14	7.7	High
OF-408 OF-409	5205-03-1 5205-03-1	Unscreened	1	Good or Unassessed	0	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	High potential	3 Yes	14	7.7	High
OF-409 OF-410	5205-03-1	Unscreened	1	Good or Unassessed Good or Unassessed	0	Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely 2 Likely 2	No	0	> 50 > 50	3	High potential High potential	3 Yes 3 Yes	14 14	7.7	High High
OF-410	5205-03-1	Unscreened	1	Good or Unassessed	0	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	High potential	3 Yes	14	7.7	High
OF-416	5205-03-1	Unscreened	1	Good or Unassessed	0	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	High potential	3 Yes	14	7.7	High
OF-420	5205-03-1	Unscreened	1	Good or Unassessed	0	Medium	2	pre-1970	3	Partial	Likely 2	110	0	> 50	3	High potential	3 Yes	14	7.7	High
OF-588	5205-03-1	Unscreened	1	Good or Unassessed	0	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	High potential	3 Yes	14	7.7	High
OF-7 OF-8	5206-01-1 5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely 2 Likely 2		0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low
OF-9	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-10	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-11	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-12 OF-13	5206-01-1 5206-01-1	Unscreened	1	5	2	Medium Medium	2	pre-1970	3	Partial Partial	Likely 2 Likely 2		0	> 50 > 50	3	Limited potential	1 No 1 No	14	7.7	Low
OF-13 OF-14	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970 pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential Limited potential	1 NO	14	7.7	Low
OF-16	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-17	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-18	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-19 OF-20	5206-01-1 5206-01-1	Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely 2 Likely 2		0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7 7.7	Low
OF-20 OF-21	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2 Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-22	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-23	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-24 OF-25	5206-01-1 5206-01-1	Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely 2 Likely 2		0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low
OF-25 OF-26	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970 pre-1970	3	Partial	Likely 2 Likely 2		0	> 50	3	Limited potential	1 NO	14	7.7	Low
OF-27	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-28	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2	110	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-29	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-30 OF-31	5206-01-1 5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely 2 Likely 2		0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low
OF-32	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2	110	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-34	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-35	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-36	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-37 OF-38	5206-01-1 5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely 2 Likely 2		0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14	7.7	Low
OF-39	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-40	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-56	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-57 OF-58	5206-01-1 5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely 2 Likely 2	No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14	7.7	Low
OF-112	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 NO	14	7.7	Low
OF-141	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-147	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-148 OF-192	5206-01-1 5206-01-1	Unscreened	1	5	2	Medium Medium	2	pre-1970	3	Partial	Likely 2		0	> 50 > 50	3	Limited potential Limited potential	1 No	14	7.7	Low
OF-192 OF-196	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely 2 Likely 2	110	0	> 50	3	Limited potential	1 No 1 No	14 14	7.7	Low
OF-197	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-198	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-245	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-332 OF-333	5206-01-1 5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely 2 Likely 2	No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low
OF-335	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-336	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-337	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2	110	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-338 OF-480	5206-01-1 5206-01-1	Unscreened Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely 2 Likely 2		0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14	7.7	Low
OF-480 OF-481	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2 Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-482	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-483	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-484 OF-485	5206-01-1 5206-01-1	Unscreened Unscreened	1	5	2	Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely 2 Likely 2		0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14	7.7	Low
OF-485 OF-486	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970 pre-1970	3	Partial	Likely 2 Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-487	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-488	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-489 OF-490	5206-01-1 5206-01-1	Unscreened Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely 2 Likely 2		0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low
OF-490 OF-491	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970 pre-1970	3	Partial	Likely 2 Likely 2		0	> 50	3	Limited potential	1 NO	14	7.7	Low
OF-492	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-493	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-494 OF-518	5206-01-1 5206-01-1	Unscreened Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely 2 Likely 2	110	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low
	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970 pre-1970	3	Partial	Likely 2 Likely 2		0	> 50	3	Limited potential	1 NO	14	7.7	Low
OF-518 OF-519	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-519 OF-520	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-519 OF-520 OF-521	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-519 OF-520 OF-521 OF-522	5206-01-1	Unscreened	1	5	2	Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely 2 Likely 2	No	0	> 50 > 50	3	Limited potential	1 No 1 No	14	7.7	Low
OF-519 OF-520 OF-521 OF-522 OF-523	5206-01-1		1 1	5	2	Medium	2	pre-1970	3	Partial	Likely 2 Likely 2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-519 OF-520 OF-521 OF-522	5206-01-1 5206-01-1	Unscreened			-		2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14		Low
OF-519 OF-520 OF-521 OF-522 OF-523 OF-524 OF-538 OF-539	5206-01-1 5206-01-1	Unscreened	1	5	2	Medium			-						3				7.7	
OF-519 OF-520 OF-521 OF-522 OF-523 OF-523 OF-524 OF-538 OF-539 OF-554	5206-01-1 5206-01-1 5206-01-1	Unscreened Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely 2		0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-519 OF-520 OF-521 OF-522 OF-523 OF-524 OF-538 OF-539 OF-554 OF-554	5206-01-1 5206-01-1 5206-01-1 5206-01-1	Unscreened Unscreened Unscreened	1	5 5 5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely 2	No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low Low
OF-519 OF-520 OF-521 OF-522 OF-523 OF-523 OF-524 OF-538 OF-539 OF-554	5206-01-1 5206-01-1 5206-01-1	Unscreened Unscreened Unscreened Unscreened	1	5	2	Medium	2 2 2	pre-1970 pre-1970 pre-1970		Partial Partial Partial	Likely 2 Likely 2	No No	0	> 50 > 50 > 50	3	Limited potential Limited potential Limited potential	1 No 1 No 1 No	14 14 14	7.7 7.7 7.7 7.7	Low Low Low
OF-519 OF-520 OF-521 OF-522 OF-523 OF-524 OF-538 OF-539 OF-539 OF-554 OF-605 OF-605	5206-01-1 5206-01-1 5206-01-1 5206-01-1 5206-01-1 5206-01-1	Unscreened Unscreened Unscreened	1 1 1 1	5 5 5 5	2 2 2 2	Medium Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely 2 Likely 2	No No No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low Low
OF-519 OF-520 OF-521 OF-522 OF-523 OF-524 OF-538 OF-539 OF-554 OF-605 OF-605 OF-606 OF-652 OF-1 OF-33	5206-01-1 5206-01-1 5206-01-1 5206-01-1 5206-01-1 5206-01-1 5206-02-1 5206-02-1	Unscreened Unscreened Unscreened Unscreened Unscreened Unscreened Unscreened	1 1 1 1 1 1 1 1 1	5 5 5 5 5 5 5 5	2 2 2 2 2 2 2 2 2 2	Medium Medium Medium Medium Medium Medium	2 2 2 2 2 2 2 2	pre-1970 pre-1970 pre-1970 pre-1970 pre-1970 pre-1970	3 3 3 3 3	Partial Partial Partial Partial Partial Partial	Likely 2 Likely 2 Likely 2 Likely 2 Likely 2 Likely 2	No No No No No	0 0 0 0	> 50 > 50 > 50 > 50 > 50 > 50 > 50	3 3 3 3 3	Limited potential Limited potential Limited potential Limited potential Limited potential Limited potential	1 No 1 No 1 No 1 No 1 No 1 No 1 No	14 14 14 14 14 14 14	7.7 7.7 7.7 7.7 7.7 7.7 7.7	Low Low Low Low Low Low
OF-519 OF-520 OF-521 OF-522 OF-523 OF-523 OF-538 OF-538 OF-538 OF-539 OF-554 OF-605 OF-605 OF-652 OF-1	5206-01-1 5206-01-1 5206-01-1 5206-01-1 5206-01-1 5206-01-1 5206-02-1	Unscreened Unscreened Unscreened Unscreened Unscreened Unscreened	1 1 1 1 1	5 5 5 5 5 5 5	2 2 2 2 2	Medium Medium Medium Medium Medium	2 2 2 2 2 2	pre-1970 pre-1970 pre-1970 pre-1970 pre-1970 pre-1970	3 3 3	Partial Partial Partial Partial Partial	Likely 2 Likely 2 Likely 2 Likely 2	No No No No No	0 0 0 0	> 50 > 50 > 50 > 50 > 50 > 50	3 3 3 3 3	Limited potential Limited potential Limited potential Limited potential Limited potential	1 No 1 No 1 No 1 No 1 No 1 No	14 14 14 14 14 14	7.7 7.7 7.7 7.7 7.7 7.7	Low Low Low Low Low

Outfall ID	Local Basin ID	Past Discharge Reports	Discharge Score	Receiving Water Quality	WQ_Score	Density of Generating Sites	LU_Score	Age of Development and Infrastructure	DevAge Score	Sewered or Septic	Past Sewer Conversion	SewerScore	Historic CSOs	Cso Score	Septic Age	Septic Score	Culverted Streams	Culvert Score Public Health Area	Total	Score (0-10)	Priority
OF-43 OF-44	5206-02-1 5206-02-1	Unscreened Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low Low
OF-117	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-142 OF-146	5206-02-1 5206-02-1	Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50	3	Limited potential Limited potential	1 No 1 No	14	7.7	Low
OF-153	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-159 OF-164	5206-02-1 5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely	2	No No	0	> 50 > 50	3	Limited potential	1 No 1 No	14 14	7.7	Low
OF-164	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-166 OF-167	5206-02-1 5206-02-1	Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low Low
OF-168	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-169	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-170 OF-171	5206-02-1 5206-02-1	Unscreened Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low
OF-193	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-194 OF-195	5206-02-1 5206-02-1	Unscreened Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low
OF-199	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-200 OF-240	5206-02-1 5206-02-1	Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14	7.7	Low
OF-246	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-291	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-292 OF-293	5206-02-1 5206-02-1	Unscreened Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low
OF-294	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-295 OF-296	5206-02-1 5206-02-1	Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14	7.7	Low
OF-303	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-304 OF-305	5206-02-1 5206-02-1	Unscreened Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low
OF-325	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-326 OF-327	5206-02-1 5206-02-1	Unscreened Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low Low
OF-327 OF-328	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-339	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-340 OF-345	5206-02-1 5206-02-1	Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low
OF-374	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-375 OF-376	5206-02-1 5206-02-1	Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely	2	No No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low
OF-407	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-430 OF-431	5206-02-1 5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely	2	No No	0	> 50 > 50	3	Limited potential	1 No 1 No	14 14	7.7	Low
OF-431 OF-432	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-433	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No 1 No	14	7.7	Low
OF-435 OF-439	5206-02-1 5206-02-1	Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely	2	No No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14	7.7	Low
OF-498	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-500 OF-546	5206-02-1 5206-02-1	Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14	7.7	Low
OF-547	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-548 OF-549	5206-02-1 5206-02-1	Unscreened Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low
OF-550	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-551 OF-552	5206-02-1 5206-02-1	Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14	7.7	Low Low
OF-553	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-555 OF-556	5206-02-1 5206-02-1	Unscreened	1	5	2	Medium Medium	2	pre-1970	3	Partial	Likely	2	No No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-556 OF-557	5206-02-1 5206-02-1	Unscreened Unscreened	1	5	2	Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No	0	> 50 > 50	3	Limited potential	1 No 1 No	14 14	7.7	Low
OF-563	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-564 OF-565	5206-02-1 5206-02-1	Unscreened Unscreened	1	5	2	Medium Medium	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Limited potential Limited potential	1 No 1 No	14 14	7.7	Low
OF-568	5206-02-1	Unscreened	1	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential	1 No	14	7.7	Low
OF-689 OF-201	5206-02-1 5200-00-4-L2	Unscreened	1	5 4a	2	Medium Low	2	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Limited potential Road crossings only	1 No 0 Yes	14	7.7	Low High
OF-202	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	13	6.9	High
OF-203 OF-204	5200-00-4-L2 5200-00-4-L2	Unscreened Unscreened	1	4a 4a	3	Low Low	1	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Road crossings only Road crossings only	0 Yes 0 Yes	13 13	6.9 6.9	High High
OF-205	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	13	6.9	High
OF-206 OF-215	5200-00-4-L2 5200-00-4-L2	Unscreened Unscreened	1	4a 4a	3	Low	1	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Road crossings only Road crossings only	0 Yes 0 Yes	13 13	6.9 6.9	High
OF-215 OF-216	5200-00-4-L2 5200-00-4-L2	Unscreened	1	4a 4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	13	6.9	High High
OF-217	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	13	6.9	High
OF-218 OF-219	5200-00-4-L2 5200-00-4-L2	Unscreened Unscreened	1	4a 4a	3	Low Low	1	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Road crossings only Road crossings only	0 Yes 0 Yes	13 13	6.9 6.9	High High
OF-220	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	13	6.9	High
OF-221 OF-223	5200-00-4-L2 5200-00-4-L2	Unscreened	1	4a 4a	3	Low Low	1	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Road crossings only Road crossings only	0 Yes 0 Yes	13 13	6.9 6.9	High High
OF-232	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	13	6.9	High
OF-233 OF-241	5200-00-4-L2 5200-00-4-L2	Unscreened	1	4a 4a	3	Low Low	1	pre-1970 pre-1970	3	Partial Partial	Likely	2	No No	0	> 50 > 50	3	Road crossings only Road crossings only	0 Yes 0 Yes	13	6.9 6.9	High High
OF-247	5200-00-4-L2 5200-00-4-L2	Unscreened	1	4a 4a	3	Low	1	pre-1970 pre-1970	3	Partial	Likely	2	NO	0	> 50 > 50	3	Road crossings only Road crossings only	0 Yes	13	6.9	High
OF-252	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	13	6.9	High
OF-253 OF-254	5200-00-4-L2 5200-00-4-L2	Unscreened Unscreened	1	4a 4a	3	Low Low	1	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Road crossings only Road crossings only	0 Yes 0 Yes	13 13	6.9 6.9	High High
OF-255	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	13	6.9	High
OF-256 OF-257	5200-00-4-L2 5200-00-4-L2	Unscreened Unscreened	1	4a 4a	3	Low Low	1	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Road crossings only Road crossings only	0 Yes 0 Yes	13 13	6.9 6.9	High High
OF-258	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only	0 Yes	13	6.9	High
OF-259 OF-260	5200-00-4-L2	Unscreened	1	4a 4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50 > 50	3	Road crossings only Road crossings only	0 Yes	13	6.9	High
OF-260	5200-00-4-L2	Unscreened	1	4d	3	Low		pre-1970	3	Partial	Likely	2	No	0	> 20	3	Road crossings only	0 Yes	13	6.9	High

Outfall ID	Local Basin ID	Past Discharge Reports	Discharge	Receiving Water Quality	WQ_Score	Density of	LU_Score	Age of Development and	DevAge	Sewered or	Past Sewer	SewerScore	Historic CSOs	Cso	Septic Age	Septic Score	Culverted Streams
OF-261	5200-00-4-L2	Unscreened	Score 1	4a	3	Generating Sites	1	Infrastructure pre-1970	Score 3	Septic Partial	Conversion Likely	2	No	Score 0	> 50	3	Road crossings only
OF-264	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-265	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-274	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-275	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-279	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-285	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-286	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-359	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-360 OF-361	5200-00-4-L2 5200-00-4-L2	Unscreened	1	4a 4a	3	Low	1	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Road crossings only
OF-365	5200-00-4-L2 5200-00-4-L2	Unscreened	1	4a 4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only Road crossings only
OF-365	5200-00-4-L2 5200-00-4-L2	Unscreened	1	4a 4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-367	5200-00-4-L2	Unscreened	1	48	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-368	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-369	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-370	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-371	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-372	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-373	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-382	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-414	5200-00-4-L2 5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-415 OF-417	5200-00-4-L2 5200-00-4-L2	Unscreened	1	4a 4a	3	Low	1	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No	0	> 50 > 50	3	Road crossings only Road crossings only
OF-417 OF-421	5200-00-4-L2 5200-00-4-L2	Unscreened	1	4a 4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only Road crossings only
OF-592	5200-00-4-L2	Unscreened	1	48	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-594	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-601	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-627	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-695	5200-00-4-L2	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-224	5205-00-2-R3	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-272	5205-00-2-R3	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-399	5205-00-2-R3	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-413	5205-00-2-R3	Unscreened	1	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-590 OF-602	5205-00-2-R3 5205-00-2-R3	Unscreened	1	4a 4a	3	Low	1	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50 > 50	3	Road crossings only Road crossings only
OF-602	5205-00-2-R3	Unscreened	1	4a 4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-619	5205-00-2-R3	Screened, no flow	0	Good or Unassessed	0	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	High potential
OF-623	5205-03-1	Screened, no flow	0	Good or Unassessed	0	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	High potential
OF-624	5205-03-1	Screened, no flow	0	Good or Unassessed	0	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	High potential
OF-613	5206-01-1	Screened, no flow	0	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential
OF-692	5206-01-1	Screened, no flow	0	5	2	Medium	2	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Limited potential
OF-655	5200-00-4-L2	Screened, no flow	0	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-656	5200-00-4-L2	Screened, no flow	0	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-694	5200-00-4-L2	Screened, no flow	0	4a	3	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-127	5205-00-2-R2	Unscreened	1	4a	3	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-150	5205-00-2-R2	Unscreened	1	4a	3	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-152 OF-237	5205-00-2-R2 5205-00-2-R2	Unscreened	1	4a 4a	3	Medium Medium	2	pre-1970 pre-1970	3	Sewered Sewered	Yes	3	No No	0	Sewered	0	Road crossings only Road crossings only
OF-288	5205-00-2-R2 5205-00-2-R2	Unscreened	1	4a 4a	3	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered Sewered	0	Road crossings only Road crossings only
OF-289	5205-00-2-R2	Unscreened	1	48	3	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-425	5205-00-2-R2	Unscreened	1	4a	3	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-429	5205-00-2-R2	Unscreened	1	4a	3	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-585	5205-00-2-R2	Unscreened	1	4a	3	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-586	5205-00-2-R2	Unscreened	1	4a	3	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-587	5205-00-2-R2	Unscreened	1	4a	3	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-589	5205-00-2-R2	Unscreened	1	4a	3	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-591	5205-00-2-R2	Unscreened	1	4a	3	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-603 OF-604	5205-00-2-R2 5205-00-2-R2	Unscreened	1	4a 4a	3	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-604 OF-610	5205-00-2-R2	Unscreened	1	4a 4a	3	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-611	5205-00-2-R2	Unscreened	1	4a	3	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-681	5205-00-2-R2	Unscreened	1	4a	3	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-95	4601-00-1-L1	Unscreened	1	Good or Unassessed	0	High	3	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-104	4601-00-1-L1	Unscreened	1	Good or Unassessed	0	High	3	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-105	4601-00-1-L1	Unscreened	1	Good or Unassessed	0	High	3	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-106	4601-00-1-L1	Unscreened	1	Good or Unassessed	0	High	3	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-107	4601-00-1-L1	Unscreened	1	Good or Unassessed	0	High	3	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only Road crossings only
OF-108 OF-110	4601-00-1-L1 4601-00-1-L1	Unscreened	1	Good or Unassessed Good or Unassessed	0	High High	3	pre-1970	3	Partial	Likely	2	No	0	> 50 > 50	3	Road crossings only Road crossings only
OF-110 OF-131	4601-00-1-L1 4601-00-1-L1	Unscreened	1	Good of Unassessed Good or Unassessed	0	High	3	pre-1970 pre-1970	3	Partial Partial	Likely Likely	2	No No	0	> 50	3	Road crossings only Road crossings only
OF-131 OF-502	4601-00-1-L1 4601-00-1-L1	Unscreened	1	Good or Unassessed	0	High	3	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-503	4601-00-1-L1	Unscreened	1	Good or Unassessed	0	High	3	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-504	4601-00-1-L1	Unscreened	1	Good or Unassessed	0	High	3	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-77	4601-00-1-L2	Unscreened	1	5	2	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-78	4601-00-1-L2	Unscreened	1	5	2	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-79	4601-00-1-L2	Unscreened	1	5	2	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-96	4601-00-1-L2	Unscreened	1	5	2	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-97	4601-00-1-L2	Unscreened	1	5	2	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-98	4601-00-1-L2	Unscreened	1	5	2	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-99	4601-00-1-L2	Unscreened	1	5	2	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-100	4601-00-1-L2	Unscreened	1	5	2	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-101 OF-102	4601-00-1-L2	Unscreened	1	5	2	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only Road crossings only
OF-102 OF-103	4601-00-1-L2 4601-00-1-L2	Unscreened	1	5		Low	1	pre-1970 pre-1970	3	Partial Partial	Likely		No No	0	> 50 > 50	3	Road crossings only Road crossings only
OF-103 OF-674	4601-00-1-L2 5205-00-2-R2	Screened, no flow	0	5 4a	2 3	Low Medium	2	pre-1970 pre-1970	3	Sewered	Likely Yes	2	No	0	> 50 Sewered	0	Road crossings only Road crossings only
OF-674	5205-00-2-R2 5205-00-2-R2	Screened, no flow	0	4a 4a	3	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-682 OF-634	4601-00-1-L2	Screened, no flow	0	4a 5	2	Low	1	pre-1970	3	Partial	Likely	2	No	0	> 50	3	Road crossings only
OF-138	5200-10-1	Unscreened	1	Good or Unassessed	0	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Limited potential
OF-138 OF-178	5200-10-1	Unscreened	1	Good or Unassessed	0	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Limited potential
OF-179	5200-10-1	Unscreened	1	Good or Unassessed	0	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Limited potential
OF-180	5200-10-1	Unscreened	1	Good or Unassessed	0	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Limited potential
OF-181	5200-10-1	Unscreened	1	Good or Unassessed	0	Medium	2	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Limited potential

IS	Culvert Score	Public Health Area	Total	Score (0·10)	Priority
ly	0	Yes	13	6.9	High
ly ly	0	Yes Yes	13	6.9 6.9	High High
ly	0	Yes	13	6.9	High
ly	0	Yes	13	6.9	High
ly ly	0	Yes Yes	13 13	6.9	High
iy Iy	0	Yes	13	6.9 6.9	High High
ly	0	Yes	13	6.9	High
ly	0	Yes	13	6.9	High
ly ly	0	Yes Yes	13 13	6.9 6.9	High High
ly	0	Yes	13	6.9	High
ly	0	Yes	13	6.9	High
ly ly	0	Yes Yes	13 13	6.9 6.9	High High
ly	0	Yes	13	6.9	High
ly	0	Yes	13	6.9	High
ly	0	Yes	13	6.9	High
ly Iy	0	Yes Yes	13 13	6.9 6.9	High High
ly	0	Yes	13	6.9	High
ly	0	Yes	13	6.9	High
ly ly	0	Yes Yes	13	6.9 6.9	High High
iy Iy	0	Yes	13	6.9	High
ly	0	Yes	13	6.9	High
ly Iv	0	Yes	13	6.9	High
ly ly	0	Yes Yes	13 13	6.9 6.9	High High
ly	0	Yes	13	6.9	High
ly	0	Yes	13	6.9	High
ly Iv	0	Yes	13	6.9 6.9	High
ly ly	0	Yes Yes	13 13	6.9	High High
lý	0	Yes	13	6.9	High
ly	0	Yes	13	6.9	High
	3	Yes Yes	13	6.9 6.9	High High
	3	Yes	13	6.9	High
	1	No	13	6.9	Low
	1	No	13	6.9	Low
ly ly	0	Yes Yes	12	6.2 6.2	High High
ly	0	Yes	12	6.2	High
ly	0	Yes	12	6.2	High
ly ly	0	Yes Yes	12 12	6.2 6.2	High High
ly	0	Yes	12	6.2	High
ly	0	Yes	12	6.2	High
ly	0	Yes	12	6.2	High
ly Iy	0	Yes Yes	12	6.2 6.2	High High
ly	0	Yes	12	6.2	High
ly	0	Yes	12	6.2	High
ly ly	0	Yes Yes	12 12	6.2 6.2	High High
ly	0	Yes	12	6.2	High
	0	Yes	12	6.2	High
ly ly ly	0	Yes	12 12	6.2 6.2	High
iy Iy	0	Yes Yes	12	6.2	High High
ly	0	Yes	12	6.2	High
ly ly ly	0	No	12	6.2	Low
ly Iv	0	No No	12 12	6.2 6.2	Low
ly ly	0	No	12	6.2	Low
ly	0	No	12	6.2	Low
ly Iv	0	No	12	6.2	Low
ly Iv	0	No No	12	6.2 6.2	Low
ly ly	0	No	12	6.2	Low
ly	0	No	12	6.2	Low
ly ly	0	No No	12 12	6.2 6.2	Low
ly	0	No	12	6.2	Low
ly	0	No	12	6.2	Low
ly ly	0	No No	12 12	6.2 6.2	Low
iy Iy	0	No	12	6.2	Low
	0	No	12	6.2	Low
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iy Iv	0	No No	12 12	6.2 6.2	Low
ly ly	0	No	12	6.2	Low
ly	0	Yes	11	5.4	High
ly Iv	0	Yes	11	5.4	High
ly	0	No No	11 10	5.4 4.6	Low
			10	4.6	Low
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0+42 120101 Unscreend 1 Good or Dussessed 0 Medium 2 pre-170 3 Some T 1 Consort 0 Lame 0+44 S200-161 Unscreend 1 Good or Dussessed 0 Modum 2 pre-170 3 Sovered Vis. 3 No 0 Sovered 0 Linus 0+443 S200-161 Unscreend 1 Good or Dussessed 0 Modum 2 pre-170 3 Sovered Vis. 3 No 0 Sovered 0 Linus 0+447 S200-161 Unscreend 1 Good or Dussessed 0 Modum 2 pre-170 3 Sovered Vis. 3 No 0 Sovered 0 Linus 0+469 S200-161 Unscreend 1 Good or Dussessed 0 Modum 2 pre-170 3 Sovered Vis. 3 No 0 Sovered 0 L	Dential 1 No Stential 1 No Dential 1 No	10 4.6 Low
0+643 5000 10. Unscrend 1 Geoder Unswessel 0 Medun 2 pre 170 3 Sourced Yrs. 3 No 0. Sourced 0.0 Lines 05-644 5200-10.1 Unscrend 1 Geoder Unswessed 0 Medun 2 pre 1700 3 Sourced Yrs. 3 No 0 Sourced 0 Lines 07-465 S2001-10 Unscrend 1 Geoder Unswessed 0 Medun 2 pre 1700 3 Sourced Yrs. 3 No 0 Sourced 10 Sourced Yrs. 3 No 0 Sourced Yrs. 3<	Image: system is a	10 4.6 Low
01-46. 1000 b1 Unscrened 1 Good of Unassessid 0 Medium 2 pre-1970 3 Swered Yes 3 No. 0 Swered 0.0 04-647 5200-101 Unscrened 1 Good of Unassessid 0 Medium 2 pre-1970 3 Swered Yes 3 No. 0 Swered 0.0 Swered Yes 3 No. 0 Swered 0.0 Swered Yes 3 No. 0 Swered 0.0 Swered Yes 3 No. 0 Swered Ves 3 No. 0	Image: system No tential 1 No otential 1 No	10 4.6 Low
OF-460 S200-10-1 Umscreened 1 Good or Unassessed 0 Medum 2 pre-1970 3 Soured Yes 3 No 0 Soured 0 Limits 074-68 S200-10-1 Unscreened 1 Good or Unassessed 0 Medum 2 pre-1970 3 Soured Yes 3 No 0 Soured 0 Limits 074-68 S200-10-1 Unscreened 1 Good or Unassessed 0 Medum 2 pre-1970 3 Soured Yes 3 No 0 Soured 0 Limits 074-71 S200-10-1 Unscreened 1 Good or Unassessed 0 Medum 2 pre-1970 3 Soured Yes 3 No 0 Soured 1 Unscreened 1 Good or Unassessed 0 Medum 2 pre-1970 3 Soured Yes 3 No 0 Soured 1 Unscreened	Image: Dential No Stential 1 No Itential 1 No	10 4.6 Low
01-647 S200101 Unscreened 1 Good or Unassessed 0 Medlum 2 pre-1970 3 Sowerd Vis 3 No 0 Sowerd 0 Lints 07-640 5200101 Unscreened 1 Good or Unassessed 0 Medlum 2 pre-1970 3 Sowerd Vis 3 No 0 Sowerd 0 Lints 07-470 5200-10-1 Unscreened 1 Good or Unassessed 0 Medlum 2 pre-1970 3 Sowerd Vis 3 No 0 Sowerd 0 Lints 07-471 5200-10-1 Unscreened 1 Good or Unassessed 0 Medlum 2 pre-1970 3 Sowerd Vis 3 No 0 Sowerd 0 Lints 0 Lints 0 Modelum 2 pre-1970 3 Sowerd Vis 3 No 0 Sowerd 0 Lints 0	Image: Notential No Image: Notential 1 No Image: Notential 1 No Image: Notential 1 No Image: Notential 1 No	10 4.6 Low
OF-40 ⁶ S20010-1 Unscreened 1 Good or Unassessed 0 Medum 2 pp:1970 3 Sewred Yes 3 No 0 Sewred 0 Units 0F-471 520010-1 Unscreened 1 Good or Unassessed 0 Medum 2 pp:1970 3 Sewred Yes 3 No 0 Sewred 0 Units 0F-471 520010-1 Unscreened 1 Good or Unassessed 0 Medum 2 pp:1970 3 Sewred Yes 3 No 0 Sewred 0 Units 0F-473 520010-1 Unscreened 1 Good runassessod 0 Medum 2 pp:1970 3 Sewred Yes 3 No 0 Sewred 0 Units 0F-475 520010-1 Unscreened 1 Good runassessod 0 Medum 2 pr:1970 3 Sewred Yes 3 No <td< td=""><td>otential 1 No otential 1 No otential 1 No otential 1 No</td><td>10 4.6 Low 10 4.6 Low</td></td<>	otential 1 No otential 1 No otential 1 No otential 1 No	10 4.6 Low
OF-470 5200-10-1 Unscreened 1 Good r Unassessed 0 Medum 2 pre-1970 3 Swered Vis 3 No 0 Swered 0 Units OF-472 5200-10-1 Unscreened 1 Good r Unassessed 0 Medum 2 pre-1970 3 Swered Vis 3 No 0 Swered 0 Units OF-473 5200-10-1 Unscreened 1 Good r Unassessed 0 Medum 2 pre-1970 3 Swered Vis 3 No 0 Swered 0 Units OF-478 5200-10-1 Unscreened 1 Good r Unassessed 0 Medum 2 pre-1970 3 Swered Vis 3 No 0 Swered 0 Units OF-477 5200-10-1 Unscreened 1 Good r Unassessed 0 Medum 2 pre-1970 3 Swered Vis 3 No	otential 1 No otential 1 No otential 1 No	10 4.6 Low
OF-472 5200-10-1 Untracemend 11 Good or Unassessed 0 Medum 22 pre-1970 33 Severed Yes 33 No 0 Severed 0 Limite 0F-473 5200-10-1 Unscreened 1 Good or Unassessed 0 Medum 2 pre-1970 33 Severed Yes 3 No 0 Severed 0 Unscreened 0 Unite 0F-475 5200-10-1 Unscreened 1 Good or Unassessed 0 Medum 2 pre-1970 3 Severed Yes 3 No 0 Severed 0 Unite 0F-477 5200-10-1 Unscreened 1 Good or Unassessed 0 Medum 2 pre-1970 3 Severed Yes 3 No 0 Severed Yes 3 No 0 Severed Yes 3 No 0 Unite 0 Unite 0 Severed Yes <	otential 1 No	10 4.6 Low 10 4.6 Low
OF-473 E300-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Severed Yes 3 No 0 Severed 0 Limite 0F-475 5300-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Severed Yes 3 No 0 Severed 0 Limite 0F-475 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Severed Yes 3 No 0 Severed 0 Limite 0F-478 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Severed Yes 3 No 0 Severed 0 Limite 0F-510 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Severed Yes 3		10 4.6 Low
0F-475 5200-10.1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1770 3 Swered Yes 3 No 0 Swered 0 Linite 0F-476 5200-10.1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1770 3 Swered Yes 3 No 0 Sewered 0 Linite 0F-477 5200-10.1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1770 3 Swered Yes 3 No 0 Swered 0 Linite 0F-510 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1770 3 Swered Yes 3 No 0 Swered 0 Linite 0F-567 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1770 3 Swered Yes 3 <		10 4.6 Low
OF-476 E200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewerd Yes 3 No 0 Sewerd 0 Limite OF-478 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewerd Yes 3 No 0 Sewerd 0 Limite OF-478 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewerd Yes 3 No 0 Sewerd 0 Limite OF-501 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewerd Yes 3 No 0 Sewerd Ves 3 No		
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OF-510 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Linite 0F-567 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Linite 0F-567 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Linite 0F-570 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered Yes 3 No <td></td> <td>10 4.6 Low</td>		10 4.6 Low
OF:56 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF:567 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF:569 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF:570 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF:571 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3		10 4.6 Low 10 4.6 Low
OF-569 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-570 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-571 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-572 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-500 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3		10 4.6 Low
OF-570 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-571 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-571 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-579 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-600 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3		10 4.6 Low 10 4.6 Low
OF-572 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Linite OF-579 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Linite OF-600 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Linite OF-600 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Linite OF-621 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3		10 4.6 Low
OF-599 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Linite OF-600 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Linite OF-600 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Linite OF-621 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Linite OF-666 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3		10 4.6 Low
OF-600 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-620 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-620 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-666 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-666 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3		10 4.6 Low 10 4.6 Low
OF-621 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewerd Yes 3 No 0 Sewerd 0 Linite OF-646 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewerd Yes 3 No 0 Sewerd 0 Linite OF-667 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewerd Yes 3 No 0 Sewerd 0 Linite OF-667 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewerd Yes 3 No 0 Sewerd 0 Linite OF-687 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewerd Yes 3 <t< td=""><td></td><td>10 4.6 Low</td></t<>		10 4.6 Low
OF-666 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-667 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-667 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-667 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-687 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3		10 4.6 Low
OF-667 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-669 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-687 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite OF-687 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite		10 4.6 Low 10 4.6 Low
OF-687 5200-10-1 Unscreened 1 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite		10 4.6 Low
		10 4.6 Low 10 4.6 Low
or ou ou or	ings only 0 No	10 4.6 Low
	ings only 0 No	10 4.6 Low
OF-3345206-01-1-12Unscreened1Good or Unassessed0Low1pre-19703PartialLikely2No0>503Road or ConstraintsOF-3415206-01-1-12Unscreened1Good or Unassessed0Low1pre-19703PartialLikely2No0>503Road or Constraints	ings only 0 No ings only 0 No	10 4.6 Low 10 4.6 Low
OF-342 5206-01-1-12 Unscreened 1 Good or Unassessed 0 Low 1 pre-1970 3 Partial Likely 2 No 0 >50 3 Road or	ings only 0 No	10 4.6 Low
	ings only 0 No	10 4.6 Low
	ings only 0 No ings only 0 No	10 4.6 Low 10 4.6 Low
0F-378 5206-01-1-L2 Unscreened 1 Good or Unassessed 0 Low 1 pre-1970 3 Partial Likely 2 No 0 >50 3 Road or	ings only 0 No	10 4.6 Low
	ings only 0 No ings only 0 No	10 4.6 Low 10 4.6 Low
OF-495 5206-01-1-12 Unscreened 1 Good or Unassessed 0 Low 1 pre-1970 3 Partial Likely 2 No 0 >50 3 Road or	ings only 0 No	10 4.6 Low
	ings only 0 No	10 4.6 Low
OF-5405206-01-1-12Unscreened1Good or Unassessed0Low1pre-19703PartialLikely2No0>503Road or Good or Go	ings only 0 No ings only 0 No	10 4.6 Low 10 4.6 Low
0F-668 5200-10-1 Screened, no flow 0 Good or Unassessed 0 Medium 2 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Limite	otential 1 No	9 3.8 Low
	ings only 0 No ings only 0 Yes	9 <u>3.8</u> Low 8 3.1 High
	ings only 0 Yes	8 3.1 High
0F-527 5205-01-1 Unscreened 1 Good or Unassessed 0 Low 1 pre-1970 3 Septic No 0 No 0 No 0 >50 3 Road or	ings only 0 Yes	8 3.1 High
	ings only 0 Yes ings only 0 Yes	8 3.1 High 8 3.1 High
	ings only 0 Yes	8 3.1 High
OF-15 460401.1 Unscreened 1 Good or Unassessed 0 Low 1 pre-1970 3 Septic No 0 No 0 >50 3 Red or 0 0 0 0 0 0 0 0 0 >50 3 Red or 0		8 3.1 Low
		8 3.1 Low 8 3.1 Low
0F-162 5200-11-1 Unscreened 1 Good or Unassessed 0 Low 1 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Road or	ings only 0 No	8 3.1 Low
	ings only 0 No	8 3.1 Low
	ings only 0 No ings only 0 No ings only 0 No ings only 0 No	8 3.1 Low
0F-174 5200-11-1 Unscreened 1 Good or Unassessed 0 Low 1 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Road or	Ings only 0 No	8 <u>3.1</u> Low
	Ings only 0 No	8 3.1 Low 8 3.1 Low
	Ings only 0 No	8 3.1 Low 8 3.1 Low
0F-299 5200-11-1 Unscreened 1 Good or Unassessed 0 Low 1 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Road or	Ings only 0 No	8 3.1 Low
OF-300 5200-11-1 Unscreened 1 Good or Unassessed 0 Low 1 pre-1970 3 Sewered Yes 3 No 0 Sewered 0 Road or	Ings only 0 No	8 3.1 Low 8 3.1 Low 8 3.1 Low

			Discharge			Density of		Age of Development and	DevAge	Sewered or	Past Sewer			Cso			
Outfall ID	Local Basin ID	Past Discharge Reports	Score	Receiving Water Quality	WQ_Score	Generating Sites	LU_Score	Infrastructure	Score	Septic	Conversion	SewerScore	Historic CSOs	Score	Septic Age	Septic Score	Culverted Streams
OF-301 OF-302	5200-11-1 5200-11-1	Unscreened Unscreened	1	Good or Unassessed Good or Unassessed	0	Low	1	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No	0	Sewered Sewered	0	Road crossings only Road crossings only
OF-302	5200-11-1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-307	5200-11-1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-308	5200-11-1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-309	5200-11-1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-321 OF-322	5200-11-1 5200-11-1	Unscreened	1	Good or Unassessed Good or Unassessed	0	Low	1	pre-1970 pre-1970	3	Sewered Sewered	Yes	3	No	0	Sewered	0	Road crossings only Road crossings only
OF-322 OF-323	5200-11-1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-324	5200-11-1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-436	5200-11-1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-437	5200-11-1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-438 OF-440	5200-11-1 5200-11-1	Unscreened Unscreened	1	Good or Unassessed Good or Unassessed	0	Low	1	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No	0	Sewered Sewered	0	Road crossings only Road crossings only
OF-440 OF-441	5200-11-1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-442	5200-11-1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-479	5200-11-1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-562 OF-691	5200-11-1 5200-11-1	Unscreened	1	Good or Unassessed Good or Unassessed	0	Low	1	pre-1970	3	Sewered Sewered	Yes	3	No	0	Sewered Sewered	0	Road crossings only
OF-696	5200-11-1	Unscreened Unscreened	1	Good or Unassessed	0	Low	1	pre-1970 pre-1970	3	Sewered	Yes Yes	3	No	0	Sewered	0	Road crossings only Road crossings only
OF-133	5205-03-1-L1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-134	5205-03-1-L1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-135	5205-03-1-L1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-136 OF-137	5205-03-1-L1 5205-03-1-L1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No	0	Sewered Sewered	0	Road crossings only Road crossings only
OF-137 OF-263	5205-03-1-L1 5205-03-1-L1	Unscreened Unscreened	1	Good or Unassessed Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-278	5205-03-1-L1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-386	5205-03-1-L1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-387	5205-03-1-L1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-388 OF-389	5205-03-1-L1 5205-03-1-L1	Unscreened Unscreened	1	Good or Unassessed Good or Unassessed	0	Low	1	pre-1970 pre-1970	3	Sewered Sewered	Yes Yes	3	No	0	Sewered Sewered	0	Road crossings only Road crossings only
OF-389 OF-411	5205-03-1-L1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-625	5205-03-1-L1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-55	5206-03-1	Unscreened	1	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-191 OF-329	5206-02-1-L1 5206-02-1-L1	Unscreened	1	Good or Unassessed	0	Medium Medium	2	1970-1990 1970-1990	2	Partial Partial	Unlikely Unlikely	1	No	0	30 - 50 30 - 50	2	Road crossings only Road crossings only
OF-329 OF-330	5206-02-1-L1 5206-02-1-L1	Unscreened Unscreened	1	Good or Unassessed Good or Unassessed	0	Medium	2	1970-1990	2	Partial	Unlikely	1	No	0	30 - 50	2	Road crossings only
OF-331	5206-02-1-L1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Partial	Unlikely	1	No	0	30 - 50	2	Road crossings only
OF-346	5206-02-1-L1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Partial	Unlikely	1	No	0	30 - 50	2	Road crossings only
OF-347	5206-02-1-L1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Partial	Unlikely	1	No	0	30 - 50	2	Road crossings only
OF-348 OF-349	5206-02-1-L1 5206-02-1-L1	Unscreened Unscreened	1	Good or Unassessed Good or Unassessed	0	Medium Medium	2	1970-1990 1970-1990	2	Partial Partial	Unlikely Unlikely	1	No	0	30 - 50 30 - 50	2	Road crossings only Road crossings only
OF-349 OF-350	5206-02-1-L1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Partial	Unlikely	1	No	0	30 - 50	2	Road crossings only
OF-351	5206-02-1-L1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Partial	Unlikely	1	No	0	30 - 50	2	Road crossings only
OF-352	5206-02-1-L1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Partial	Unlikely	1	No	0	30 - 50	2	Road crossings only
OF-353 OF-354	5206-02-1-L1 5206-02-1-L1	Unscreened Unscreened	1	Good or Unassessed Good or Unassessed	0	Medium Medium	2	1970-1990 1970-1990	2	Partial Partial	Unlikely Unlikely	1	No	0	30 - 50 30 - 50	2	Road crossings only Road crossings only
OF-355	5206-02-1-L1 5206-02-1-L1	Unscreened	1	Good of Unassessed	0	Medium	2	1970-1990	2	Partial	Unlikely	1	No	0	30 - 50	2	Road crossings only
OF-356	5206-02-1-L1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Partial	Unlikely	1	No	0	30 - 50	2	Road crossings only
OF-357	5206-02-1-L1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Partial	Unlikely	1	No	0	30 - 50	2	Road crossings only
OF-358	5206-02-1-L1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Partial	Unlikely	1	No	0	30 - 50	2	Road crossings only
OF-496 OF-497	5206-02-1-L1 5206-02-1-L1	Unscreened Unscreened	1	Good or Unassessed Good or Unassessed	0	Medium Medium	2	1970-1990 1970-1990	2	Partial Partial	Unlikely	1	No	0	30 - 50 30 - 50	2	Road crossings only Road crossings only
OF-541	5206-02-1-L1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Partial	Unlikely	1	No	0	30 - 50	2	Road crossings only
OF-542	5206-02-1-L1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Partial	Unlikely	1	No	0	30 - 50	2	Road crossings only
OF-543	5206-02-1-L1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Partial	Unlikely	1	No	0	30 - 50	2	Road crossings only
OF-544 OF-545	5206-02-1-L1 5206-02-1-L1	Unscreened	1	Good or Unassessed Good or Unassessed	0	Medium Medium	2	1970-1990 1970-1990	2	Partial Partial	Unlikely Unlikely	1	No	0	30 - 50 30 - 50	2	Road crossings only Road crossings only
OF-558	5206-02-1-L1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Partial	Unlikely	1	No	0	30 - 50	2	Road crossings only
OF-559	5206-02-1-L1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Partial	Unlikely	1	No	0	30 - 50	2	Road crossings only
OF-560	5206-02-1-L1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Partial	Unlikely	1	No	0	30 - 50	2	Road crossings only
OF-561 OF-109	5206-02-1-L1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990 post-1990	2	Partial Partial	Unlikely	1	No	0	30 - 50	2	Road crossings only
OF-109 OF-118	5205-00-1 5205-00-1	Unscreened Unscreened	1	4a 4a	3	Low	1	post-1990	1	Partial	Yes Yes	0	No	0	< 30	1	Road crossings only Road crossings only
OF-119	5205-00-1	Unscreened	1	4a	3	Low	1	post-1990	1	Partial	Yes	0	No	0	< 30	1	Road crossings only
OF-120	5205-00-1	Unscreened	1	4a	3	Low	1	post-1990	1	Partial	Yes	0	No	0	< 30	1	Road crossings only
OF-121 OF-122	5205-00-1 5205-00-1	Unscreened Unscreened	1	4a 4a	3	Low	1	post-1990 post-1990	1	Partial Partial	Yes Yes	0	No	0	< 30 < 30	1	Road crossings only Road crossings only
OF-122 OF-123	5205-00-1	Unscreened	1	4a 4a	3	Low	1	post-1990 post-1990	1	Partial	Yes	0	No	0	< 30	1	Road crossings only Road crossings only
OF-576	5205-00-1	Unscreened	1	4a	3	Low	1	post-1990	1	Partial	Yes	0	No	0	< 30	1	Road crossings only
OF-577	5205-00-1	Unscreened	1	4a	3	Low	1	post-1990	1	Partial	Yes	0	No	0	< 30	1	Road crossings only
OF-578	5205-00-1	Unscreened	1	4a 4a	3	Low	1	post-1990	1	Partial	Yes	0	No	0	< 30	1	Road crossings only Road crossings only
OF-579 OF-580	5205-00-1 5205-00-1	Unscreened Unscreened	1	4a 4a	3	Low	1	post-1990 post-1990	1	Partial Partial	Yes Yes	0	No No	0	< 30 < 30	1	Road crossings only Road crossings only
OF-580	5205-00-1	Unscreened	1	4a	3	Low	1	post-1990	1	Partial	Yes	0	No	0	< 30	1	Road crossings only
OF-582	5205-00-1	Unscreened	1	4a	3	Low	1	post-1990	1	Partial	Yes	0	No	0	< 30	1	Road crossings only
OF-583	5205-00-1	Unscreened	1	4a	3	Low	1	post-1990	1	Partial	Yes	0	No	0	< 30	1	Road crossings only
OF-584 OF-124	5205-00-1 5205-02-1	Unscreened Unscreened	1	4a Good or Unassessed	3	Low Medium	1	post-1990 1970-1990	1 2	Partial Septic	Yes No	0	No	0	< 30 30 - 50	1 2	Road crossings only Road crossings only
OF-124 OF-125	5205-02-1	Unscreened	1	Good of Unassessed	0	Medium	2	1970-1990	2	Septic	No	0	No	0	30 - 50	2	Road crossings only
OF-126	5205-02-1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Septic	No	0	No	0	30 - 50	2	Road crossings only
OF-130	5205-02-1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Septic	No	0	No	0	30 - 50	2	Road crossings only
OF-144	5205-02-1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Septic	No	0	No	0	30 - 50	2	Road crossings only
OF-381 OF-574	5205-02-1 5205-02-1	Unscreened Unscreened	1	Good or Unassessed Good or Unassessed	0	Medium Medium	2	1970-1990 1970-1990	2	Septic Septic	No No	0	No	0	30 - 50 30 - 50	2	Road crossings only Road crossings only
OF-575	5205-02-1	Unscreened	1	Good of Unassessed Good or Unassessed	0	Medium	2	1970-1990	2	Septic	No	0	No	0	30 - 50	2	Road crossings only
OF-609	5205-02-1	Unscreened	1	Good or Unassessed	0	Medium	2	1970-1990	2	Septic	No	0	No	0	30 - 50	2	Road crossings only
OF-616	5205-03-1-L1	Screened, no flow	0	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only
OF-617	5205-03-1-L1	Screened, no flow	0	Good or Unassessed	0	Low	1	pre-1970	3	Sewered	Yes	3	No	0	Sewered	0	Road crossings only Road crossings only
OF-618 OF-683	5205-03-1-L1 5205-02-1	Screened, no flow Screened, no flow	0	Good or Unassessed Good or Unassessed	0	Low Medium	2	pre-1970 1970-1990	3	Sewered Septic	Yes No	3	No	0	Sewered 30 - 50	0	Road crossings only Road crossings only
OF-114	5200-09-1	Unscreened	1	Good or Unassessed	0	Low	1	post-1990	1	Septic	No	0	No	0	< 30	1	Road crossings only
OF-139	5200-09-1	Unscreened	1	Good or Unassessed	0	Low	1	post-1990	1	Septic	No	0	No	0	< 30	1	Road crossings only

าร	Culvert Score	Public Health Area	Total	Score (0-10)	Priority
ily	0	No No	8	3.1 3.1	Low Low
ly ly	0	No	8	3.1	Low
ly	0	No	8	3.1	Low
ly ly	0	No No	8	3.1 3.1	Low
ly	0	No	8	3.1	Low
ly	0	No	8	3.1	Low
ly	0	No	8	3.1	Low
ly ly	0	No No	8	3.1 3.1	Low
ly	0	No	8	3.1	Low
ly	0	No	8	3.1	Low
ly ly	0	No No	8	3.1 3.1	Low
ly	0	No	8	3.1	Low
ly	0	No No	8	3.1	Low
ly ly	0	No	8	3.1 3.1	Low Low
ly	0	No	8	3.1	Low
ly	0	No	8	3.1	Low
ly ly	0	No No	8	3.1 3.1	Low Low
ly	0	No	8	3.1	Low
ly	0	No	8	3.1	Low
ly ly	0	No No	8	3.1 3.1	Low Low
ly	0	No	8	3.1	Low
ly	0	No	8	3.1	Low
ly ly	0	No No	8	3.1 3.1	Low Low
ly	0	No	8	3.1	Low
ly	0	No	8	3.1	Low
ly ly	0	No No	8	3.1 3.1	Low Low
ly	0	No	8	3.1	Low
ly	0	No	8	3.1	Low
ly ly	0	No No	8	3.1 3.1	Low
ly	0	No	8	3.1	Low
ly	0	No	8	3.1	Low
ly ly	0	No No	8	3.1 3.1	Low Low
ly	0	No	8	3.1	Low
ly	0	No	8	3.1	Low
ly ly	0	No No	8	3.1 3.1	Low
ly ly	0	No	8	3.1	Low
ly	0	No	8	3.1	Low
ly ly	0	No No	8	3.1 3.1	Low Low
ly	0	No	8	3.1	Low
ly	0	No	8	3.1	Low
ly ly	0	No No	8	3.1 3.1	Low Low
ly	0	No	8	3.1	Low
ly	0	No	8	3.1	Low
ly Iv	0	No No	8	3.1 3.1	Low Low
ly ly	0	No	8	3.1	Low
ly	0	No	8	3.1	Low
ly ly	0	No Yes	8	3.1 2.3	Low High
ly	0	Yes	7	2.3	High
ly	0	Yes	7	2.3	High
ly ly	0	Yes Yes	7	2.3 2.3	High High
ly	0	Yes	7	2.3	High
ly ly	0	Yes	7	2.3	High
ly ly	0	Yes Yes	7	2.3 2.3	High High
ly	0	Yes	7	2.3	High
ly	0	Yes	7	2.3	High
ly ly	0	Yes Yes	7	2.3 2.3	High High
ly	0	Yes	7	2.3	High
ly	0	Yes	7	2.3	High
ly ly	0	Yes Yes	7	2.3 2.3	High High
ly	0	Yes	7	2.3	High
ly	0	Yes	7	2.3	High
ly ly	0	Yes Yes	7	2.3 2.3	High High
ly	0	Yes	7	2.3	High
ly	0	Yes	7	2.3	High
ly ly	0	Yes Yes	7	2.3 2.3	High High
ly	0	No	7	2.3	Low
ly	0	No	7	2.3	Low
ly ly	0	No Yes	7 6	2.3 1.5	Low High
ly	0	Yes	4	0.0	High
ıly	0	Yes	4	0.0	High

Outfall ID	Local Basin ID	Past Discharge Reports	Discharge Score	Receiving Water Quality	WQ_Score	Density of Generating Sites	LU_Score	Age of Development and Infrastructure	DevAge Score	Sewered or Septic	Past Sewer Conversion	SewerScore	Historic CSOs	Cso Score	Septic Age	Septic Score	Culverted Streams	Culvert Score	Public Health Area	Total	Score (0-10)	Priority
OF-140	5200-09-1	Unscreened	1	Good or Unassessed	0	Low	1	post-1990	1	Septic	No	0	No	0	< 30	1	Road crossings only	0	Yes	4	0.0	High
OF-228	5200-09-1	Unscreened	1	Good or Unassessed	0	Low	1	post-1990	1	Septic	No	0	No	0	< 30	1	Road crossings only	0	Yes	4	0.0	High
OF-229	5200-09-1	Unscreened	1	Good or Unassessed	0	Low	1	post-1990	1	Septic	No	0	No	0	< 30	1	Road crossings only	0	Yes	4	0.0	High
OF-280	5200-09-1	Unscreened	1	Good or Unassessed	0	Low	1	post-1990	1	Septic	No	0	No	0	< 30	1	Road crossings only	0	Yes	4	0.0	High
OF-281	5200-09-1	Unscreened	1	Good or Unassessed	0	Low	1	post-1990	1	Septic	No	0	No	0	< 30	1	Road crossings only	0	Yes	4	0.0	High
OF-282	5200-09-1	Unscreened	1	Good or Unassessed	0	Low	1	post-1990	1	Septic	No	0	No	0	< 30	1	Road crossings only	0	Yes	4	0.0	High
OF-283	5200-09-1	Unscreened	1	Good or Unassessed	0	Low	1	post-1990	1	Septic	No	0	No	0	< 30	1	Road crossings only	0	Yes	4	0.0	High
OF-284	5200-09-1	Unscreened	1	Good or Unassessed	0	Low	1	post-1990	1	Septic	No	0	No	0	< 30	1	Road crossings only	0	Yes	4	0.0	High
OF-385	5200-09-1	Unscreened	1	Good or Unassessed	0	Low	1	post-1990	1	Septic	No	0	No	0	< 30	1	Road crossings only	0	Yes	4	0.0	High
OF-418	5200-09-1	Unscreened	1	Good or Unassessed	0	Low	1	post-1990	1	Septic	No	0	No	0	< 30	1	Road crossings only	0	Yes	4	0.0	High
OF-419	5200-09-1	Unscreened	1	Good or Unassessed	0	Low	1	post-1990	1	Septic	No	0	No	0	< 30	1	Road crossings only	0	Yes	4	0.0	High
OF-507	5200-09-1	Unscreened	1	Good or Unassessed	0	Low	1	post-1990	1	Septic	No	0	No	0	< 30	1	Road crossings only	0	Yes	4	0.0	High

Attachment 3 Dry Weather Screening Lab Results



Analysis Report	
September 17, 2019	

FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Sample Informa	ation	Custody Inform	nation	Date	<u>Time</u>	
Matrix:	SURFACE WATER	Collected by:	MM	09/11/19	12:18	
Location Code:	F&O	Received by:	CP	09/11/19	15:22	
Rush Request:	Standard	Analyzed by:	see "By" below			
P.O.#:	02002294.A38	Laboratory	<u>, Data</u>	SDG ID: GCE06581		

MERIDEN MS4- DRY WEATHER

Project ID: Client ID:

MM190911-270

Phoenix ID: CE06584

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time By Reference
Escherichia Coli	201	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ SM9223B-04
Fecal Coliforms MPN	85	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ Colilert-18
Total Coliforms	4610	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 17, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE06671

September 13, 2019

Sample Informa	<u>ition</u>	Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/11/19	15:00
Location Code:	F&O	Received by:	LB	09/11/19	16:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	02002294.A38	Laboratory	Data	SDG ID:	GCE06669

Project ID: MERIDEN MS4 DRY WEATHER Client ID: MM190911-272

RL/ Parameter Result PQL Units Dilution Date/Time Reference By 09/11/19 18:15 LJ/RM/LJ SM9223B-04 Escherichia Coli <10 10 MPN/100 mls 10 Fecal Coliforms MPN <10 10 MPN/100 mls 10 09/11/19 18:15 LJ/RM/LJ Colilert-18 **Total Coliforms** <10 10 MPN/100 mls 10 09/11/19 18:15 LJ/RM/LJ SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 13, 2019 Reviewed and Released by: Rashmi Makol, Project Manager



FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE06669

September 13, 2019

Sample Informa	<u>ition</u>	Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/11/19	13:37
Location Code:	F&O	Received by:	LB	09/11/19	16:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	02002294.A38	Laboratory	Data	SDG ID:	GCE06669

Project ID: MERIDEN MS4 DRY WEATHER Client ID: MM190911-408

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time By Reference
Escherichia Coli	10	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ SM9223B-04
Fecal Coliforms MPN	<10	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ Colilert-18
Total Coliforms	86	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 13, 2019 Reviewed and Released by: Rashmi Makol, Project Manager



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 17, 2019

Sample Informa	ation	Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:	MM	09/11/19	12:35
Location Code:	F&O	Received by:	СР	09/11/19	15:22
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	02002294.A38	Laboratory	<u>Data</u>	SDG ID:	GCE06581

Project ID: MERIDEN MS4- DRY WEATHER Client ID: MM190911-409

Phoenix ID: CE06585

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time By Reference
Escherichia Coli	98	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ SM9223B-04
Fecal Coliforms MPN	52	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ Colilert-18
Total Coliforms	6130	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 17, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 17, 2019

Sample Informa	ation	Custody Inforn	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:	ML	09/16/19	13:36
Location Code:	F&O	Received by:	SW	09/16/19	16:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294A38	l ab avataw	Data		

Laboratory Data

SDG ID: GCE10409 Phoenix ID: CE10409

Project ID: MERIDEN MS4-DRY WEATHER Client ID: MU190916-615

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	<10	10	MPN/100 mls	10	09/16/19 18:30	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	<10	10	MPN/100 mls	10	09/16/19 18:30	LJ/LJ	Colilert-18
Total Coliforms	395	10	MPN/100 mls	10	09/16/19 18:30	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 17, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 17, 2019

Sample Informa	ation	Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:	ML	09/16/19	15:45
Location Code:	F&O	Received by:	SW	09/16/19	16:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294A38	Laboratory	Data	SDG ID:	GCE1040

MERIDEN MS4-DRY WEATHER Project ID: Client ID: MU190916-87

SDG ID: GCE10409 Phoenix ID: CE10410

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	568	10	MPN/100 mls	10	09/16/19 18:30	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	441	10	MPN/100 mls	10	09/16/19 18:30	LJ/LJ	Colilert-18
Total Coliforms	5480	10	MPN/100 mls	10	09/16/19 18:30	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 17, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Analysis	Report
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FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 23, 2019

Sample Informa	<u>ition</u>	Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/16/19	12:47
Location Code:	F&O	Received by:	SW	09/16/19	13:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294A38	Laboratory	Data	SDG ID:	GCE09899

Project ID: MERIDEN MS4-DRY WEATHER Client ID: MM190916-212

Phoenix ID: CE09902

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	10	10	MPN/100 mls	10	09/16/19 15:15	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	52	10	MPN/100 mls	10	09/16/19 15:15	LJ/LJ	Colilert-18
Total Coliforms	1010	10	MPN/100 mls	10	09/16/19 15:15	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 23, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Analysis Report

FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 23, 2019

Sample Information **Custody Information** Date Time SURFACE WATER Collected by: 09/16/19 11:29 Matrix: Received by: SW Location Code: F&O 09/16/19 13:42 Rush Request: Standard Analyzed by: see "By" below P.O.#: 2002294A38

Laboratory Data

SDG ID: GCE09899 Phoenix ID: CE09899

Project ID: MERIDEN MS4-DRY WEATHER Client ID: MM190916-223

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	295	10	MPN/100 mls	10	09/16/19 15:15	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	479	10	MPN/100 mls	10	09/16/19 15:15	LJ/LJ	Colilert-18
Total Coliforms	>24200	10	MPN/100 mls	10	09/16/19 15:15	LJ/LJ	SW9223B-06
Nitrite-N	< 0.010	0.010	mg/L	1	09/16/19 18:09	ΤВ	E353.2
Nitrate-N	1.43	0.02	mg/L	1	09/16/19 18:09	ΤВ	E353.2
Nitrogen Tot Kjeldahl	0.42	0.10	mg/L	1	09/18/19	KDB	E351.1
Total Nitrogen	1.85	0.10	mg/L	1	09/18/19	KDB	SM4500NH3/E300.0-11
Phosphorus, as P	0.066	0.010	mg/L	1	09/20/19	JR	SM4500PE-11

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis, Shiller, Laboratory Director September 23, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 23, 2019

Sample Information **Custody Information** Date Time SURFACE WATER Collected by: 09/16/19 11:55 Matrix: Received by: SW Location Code: F&O 09/16/19 13:42 Rush Request: Standard Analyzed by: see "By" below P.O.#: 2002294A38 aboratory Data

Project ID: MERIDEN MS4-DRY WEATHER Client ID: MM190916-235

SDG ID: GCE09899 Phoenix ID: CE09900

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Escherichia Coli	880	10	MPN/100 mls	10	09/16/19 15:15	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	789	10	MPN/100 mls	10	09/16/19 15:15	LJ/LJ	Colilert-18
Total Coliforms	10500	10	MPN/100 mls	10	09/16/19 15:15	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 23, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 23, 2019

Sample Information		Custody Inform	Date	<u>Time</u>	
Matrix:	SURFACE WATER	Collected by:		09/16/19	12:30
Location Code:	F&O	Received by:	SW	09/16/19	13:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294A38	Laboratory	SDG ID:	GCE0989	

Project ID: MERIDEN MS4-DRY WEATHER Client ID: MM190916-364

SDG ID: GCE09899 Phoenix ID: CE09901

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Escherichia Coli	<10	10	MPN/100 mls	10	09/16/19 15:15	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	52	10	MPN/100 mls	10	09/16/19 15:15	LJ/LJ	Colilert-18
Total Coliforms	2010	10	MPN/100 mls	10	09/16/19 15:15	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 23, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE12669

LJ/LJ SW9223B-06

September 20, 2019

Sample Information		Custody Inform	nation	<u>Date</u>	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/18/19	13:52
Location Code:	F&O	Received by:	LB	09/18/19	18:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	Data	SDG ID:	GCE12669

Project ID: MERIDEN MS4 DRY WEATHER Client ID: MM190918-566

MM190918-566 RL/ Parameter Result PQL Units Dilution Date/Time Reference By Escherichia Coli 3440 10 MPN/100 mls 10 09/18/19 19:25 LJ/LJ SM9223B-04 Fecal Coliforms MPN 3650 10 MPN/100 mls 10 LJ/LJ Colilert-18 09/18/19 19:25

MPN/100 mls

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

10

>24200

Comments:

Total Coliforms

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director September 20, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director

10

09/18/19 19:25



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 20, 2019

Sample Information **Custody Information** Date Time SURFACE WATER Collected by: 09/18/19 12:58 Matrix: Received by: SW Location Code: F&O 09/18/19 14:06 Rush Request: Standard Analyzed by: see "By" below P.O.#: 2002294A38 aboratory Data SDG ID: GCE11761

Project ID: MERIDEN MS4 DRY WEATHER Client ID: MU190919-116

Phoenix ID: CE11763

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	17300	10	MPN/100 mls	10	09/18/19 15:25	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	11200	10	MPN/100 mls	10	09/18/19 15:25	LJ/LJ	Colilert-18
Total Coliforms	>24200	10	MPN/100 mls	10	09/18/19 15:25	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 20, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 20, 2019

Sample Information **Custody Information** Date Time SURFACE WATER Collected by: 09/18/19 10:25 Matrix: Received by: SW Location Code: F&O 09/18/19 14:06 Rush Request: Standard Analyzed by: see "By" below P.O.#: 2002294A38 aboratory Data

Project ID: MERIDEN MS4 DRY WEATHER Client ID: MU190919-182

SDG ID: GCE11761 Phoenix ID: CE11762

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	63	10	MPN/100 mls	10	09/18/19 15:25	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	121	10	MPN/100 mls	10	09/18/19 15:25	LJ/LJ	Colilert-18
Total Coliforms	4880	10	MPN/100 mls	10	09/18/19 15:25	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 20, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE12670

September 20, 2019

Sample Information		Custody Inform	nation	<u>Date</u>	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/18/19	15:05
Location Code:	F&O	Received by:	LB	09/18/19	18:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	Data	SDG ID:	GCE12669

Project ID: MERIDEN MS4 DRY WEATHER Client ID: MM190918-184

RL/ Parameter Result PQL Units Dilution Date/Time Reference By Escherichia Coli 359 10 MPN/100 mls 10 09/18/19 19:25 LJ/LJ SM9223B-04 Fecal Coliforms MPN 546 10 MPN/100 mls 10 LJ/LJ Colilert-18 09/18/19 19:25 24200 LJ/LJ SW9223B-06 **Total Coliforms** 10 MPN/100 mls 10 09/18/19 19:25

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 20, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 20, 2019

Sample Information **Custody Information** Date Time SURFACE WATER Collected by: 09/18/19 9:45 Matrix: Received by: SW Location Code: F&O 09/18/19 14:06 Rush Request: Standard Analyzed by: see "By" below P.O.#: 2002294A38 aboratory Data

Project ID: MERIDEN MS4 DRY WEATHER Client ID: MU190919-268

SDG ID: GCE11761 Phoenix ID: CE11761

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Escherichia Coli	98	10	MPN/100 mls	10	09/18/19 15:25	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	158	10	MPN/100 mls	10	09/18/19 15:25	LJ/LJ	Colilert-18
Total Coliforms	>24200	10	MPN/100 mls	10	09/18/19 15:25	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 20, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 20, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/18/19	16:46
Location Code:	F&O	Received by:	LB	09/18/19	18:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	<u>Data</u>		GCE1266

MERIDEN MS4 DRY WEATHER Project ID: Client ID: MM190918-463

SDG ID: GCE12669 Phoenix ID: CE12672

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Escherichia Coli	<10	10	MPN/100 mls	10	09/18/19 19:25	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	<10	10	MPN/100 mls	10	09/18/19 19:25	LJ/LJ	Colilert-18
Total Coliforms	3450	10	MPN/100 mls	10	09/18/19 19:25	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 20, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 20, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/18/19	16:37
Location Code:	F&O	Received by:	LB	09/18/19	18:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	Data	SDG ID:	GCE1266

Project ID: MERIDEN MS4 DRY WEATHER Client ID: MM190918-464

SDG ID: GCE12669 Phoenix ID: CE12671

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	20	10	MPN/100 mls	10	09/18/19 19:25	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	20	10	MPN/100 mls	10	09/18/19 19:25	LJ/LJ	Colilert-18
Total Coliforms	7270	10	MPN/100 mls	10	09/18/19 19:25	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 20, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 20, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/19/19	12:22
Location Code:	F&O	Received by:	CP	09/19/19	14:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	Data	SDG ID:	GCE1303

Project ID: MERIDEN MS4- DRY WEATHER Client ID: MM190919-671

SDG ID: GCE13036 Phoenix ID: CE13041

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	<10	10	MPN/100 mls	10	09/19/19 16:05	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	<10	10	MPN/100 mls	10	09/19/19 16:05	LJ/LJ	Colilert-18
Total Coliforms	<10	10	MPN/100 mls	10	09/19/19 16:05	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 20, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Analysis	Report
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FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 20, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/19/19	9:12
Location Code:	F&O	Received by:	СР	09/19/19	14:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	Data	SDG ID:	GCE1303

Project ID: MERIDEN MS4- DRY WEATHER Client ID: MM190919-25

SDG ID: GCE13036 Phoenix ID: CE13036

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	<10	10	MPN/100 mls	10	09/19/19 16:05	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	31	10	MPN/100 mls	10	09/19/19 16:05	LJ/LJ	Colilert-18
Total Coliforms	2140	10	MPN/100 mls	10	09/19/19 16:05	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 20, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 20, 2019

Sample Informa	<u>ition</u>	Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/19/19	9:55
Location Code:	F&O	Received by:	СР	09/19/19	14:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	Data	SDG ID:	GCE1303

Project ID: MERIDEN MS4- DRY WEATHER Client ID: MM190919-147

SDG ID: GCE13036 Phoenix ID: CE13037

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	1720	10	MPN/100 mls	10	09/19/19 16:05	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	1500	10	MPN/100 mls	10	09/19/19 16:05	LJ/LJ	Colilert-18
Total Coliforms	>24200	10	MPN/100 mls	10	09/19/19 16:05	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 20, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 20, 2019

Sample Informa	<u>ition</u>	Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/19/19	9:56
Location Code:	F&O	Received by:	СР	09/19/19	14:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	<u>Data</u>	SDG ID:	GCE1303

Project ID: MERIDEN MS4- DRY WEATHER Client ID: MM190919-148

SDG ID: GCE13036 Phoenix ID: CE13038

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	1500	10	MPN/100 mls	10	09/19/19 16:05	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	2380	10	MPN/100 mls	10	09/19/19 16:05	LJ/LJ	Colilert-18
Total Coliforms	>24200	10	MPN/100 mls	10	09/19/19 16:05	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 20, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 20, 2019

Sample Information **Custody Information** Date Time SURFACE WATER Collected by: 09/19/19 Matrix: 15:15 Received by: SW Location Code: F&O 09/19/19 15:59 Rush Request: Standard Analyzed by: see "By" below P.O.#: 2002294A38

Laboratory Data

SDG ID: GCE13210 Phoenix ID: CE13211

Project ID: MERIDEN MS4-DRY WEATHER Client ID: MM190919-308

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	110	10	MPN/100 mls	10	09/19/19 18:00	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	131	10	MPN/100 mls	10	09/19/19 18:00	LJ/LJ	Colilert-18
Total Coliforms	9210	10	MPN/100 mls	10	09/19/19 18:00	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 20, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Analysis	Report
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FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 20, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/19/19	12:03
Location Code:	F&O	Received by:	СР	09/19/19	14:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	Data	SDG ID:	GCE1303

Project ID: MERIDEN MS4- DRY WEATHER Client ID: MM190919-337

SDG ID: GCE13036 Phoenix ID: CE13040

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	10	10	MPN/100 mls	10	09/19/19 16:05	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	<10	10	MPN/100 mls	10	09/19/19 16:05	LJ/LJ	Colilert-18
Total Coliforms	1310	10	MPN/100 mls	10	09/19/19 16:05	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 20, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 20, 2019

Sample Information		Custody Inform	nation	Date	Time
Matrix:	SURFACE WATER	Collected by:		09/19/19	10:15
Location Code:	F&O	Received by:	СР	09/19/19	14:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	<u>Data</u>	SDG ID:	GCE1303

Project ID: MERIDEN MS4- DRY WEATHER Client ID: MM190919-551

SDG ID: GCE13036 Phoenix ID: CE13039

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	959	10	MPN/100 mls	10	09/19/19 16:05	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	631	10	MPN/100 mls	10	09/19/19 16:05	LJ/LJ	Colilert-18
Total Coliforms	>24200	10	MPN/100 mls	10	09/19/19 16:05	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 20, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 20, 2019

Sample Information **Custody Information** Date Time SURFACE WATER Collected by: 09/19/19 14:25 Matrix: Received by: SW Location Code: F&O 09/19/19 15:59 Rush Request: Standard Analyzed by: see "By" below P.O.#: 2002294A38 aboratory Data

Project ID: MERIDEN MS4-DRY WEATHER Client ID: MM190919-667

SDG ID: GCE13210 Phoenix ID: CE13210

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	2360	10	MPN/100 mls	10	09/19/19 18:00	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	780	10	MPN/100 mls	10	09/19/19 18:00	LJ/LJ	Colilert-18
Total Coliforms	17300	10	MPN/100 mls	10	09/19/19 18:00	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 20, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 23, 2019

Sample Information		Custody Inform	Date	<u>Time</u>	
Matrix:	SURFACE WATER	Collected by:	MM	09/20/19	13:15
Location Code:	F&O	Received by:	CP	09/20/19	14:51
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	Data	SDG ID:	GCE1437

Project ID: MERIDEN MS4 DRY WEATHER Client ID: MM190920-230

SDG ID: GCE14373 Phoenix ID: CE14373

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Escherichia Coli	10	10	MPN/100 mls	10	09/20/19 17:00	LJ/KDB	SM9223B-04	
Fecal Coliforms MPN	134	10	MPN/100 mls	10	09/20/19 17:00	LJ/KDB	Colilert-18	
Total Coliforms	3870	10	MPN/100 mls	10	09/20/19 17:00	LJ/KDB	SW9223B-06	

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 23, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE15312

September 24, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/23/19	16:20
Location Code:	F&O	Received by:	SW	09/23/19	18:16
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20020294A38	Laboratory	Data	SDG ID:	GCE15308

Project ID: MERIDEN MS4 DRY WEATHER Client ID: MM190923-549

RL/ Parameter Result PQL Units Dilution Date/Time Reference By Escherichia Coli <10 10 MPN/100 mls 10 09/23/19 19:35 LJ/LJ SM9223B-04 Fecal Coliforms MPN 63 10 MPN/100 mls 10 LJ/LJ Colilert-18 09/23/19 19:35 LJ/LJ SW9223B-06 **Total Coliforms** >24200 10 MPN/100 mls 10 09/23/19 19:35

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 24, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 24, 2019

Sample Information		Custody Inform	Date	<u>Time</u>	
Matrix:	SURFACE WATER	Collected by:		09/23/19	14:35
Location Code:	F&O	Received by:	SW	09/23/19	18:16
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20020294A38	Laboratory	Data	SDG ID:	GCE1530

Project ID: MERIDEN MS4 DRY WEATHER Client ID: MM190923-110

SDG ID: GCE15308 Phoenix ID: CE15309

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	301	10	MPN/100 mls	10	09/23/19 19:35	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	364	10	MPN/100 mls	10	09/23/19 19:35	LJ/LJ	Colilert-18
Total Coliforms	17300	10	MPN/100 mls	10	09/23/19 19:35	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 24, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE15313

September 24, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/23/19	16:32
Location Code:	F&O	Received by:	SW	09/23/19	18:16
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20020294A38	Laboratory	Data	SDG ID:	GCE15308

Project ID: MERIDEN MS4 DRY WEATHER Client ID: MM190923-353

RL/ Parameter Result PQL Units Dilution Date/Time Reference By Escherichia Coli <10 10 MPN/100 mls 10 09/23/19 19:35 LJ/LJ SM9223B-04 Fecal Coliforms MPN 10 10 MPN/100 mls 10 LJ/LJ Colilert-18 09/23/19 19:35 1500 LJ/LJ SW9223B-06 **Total Coliforms** 10 MPN/100 mls 10 09/23/19 19:35

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 24, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 24, 2019

Sample Information **Custody Information** Date Time SURFACE WATER Collected by: 09/23/19 15:47 Matrix: Received by: SW 09/23/19 Location Code: F&O 18:16 Rush Request: Standard Analyzed by: see "By" below P.O.#: 20020294A38 aboratory Data

Project ID: MERIDEN MS4 DRY WEATHER Client ID: MM190923-375

SDG ID: GCE15308 Phoenix ID: CE15311

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference	
Escherichia Coli	5170	10	MPN/100 mls	10	09/23/19 19:35	LJ/LJ	SM9223B-04	
Fecal Coliforms MPN	2050	10	MPN/100 mls	10	09/23/19 19:35	LJ/LJ	Colilert-18	
Total Coliforms	>24200	10	MPN/100 mls	10	09/23/19 19:35	LJ/LJ	SW9223B-06	

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 24, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 24, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/23/19	15:36
Location Code:	F&O	Received by:	SW	09/23/19	18:16
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20020294A38	Laboratory	Data	SDG ID:	GCE1530

Project ID: MERIDEN MS4 DRY WEATHER Client ID: MM190923-376

SDG ID: GCE15308 Phoenix ID: CE15310

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	<10	10	MPN/100 mls	10	09/23/19 19:35	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	<10	10	MPN/100 mls	10	09/23/19 19:35	LJ/LJ	Colilert-18
Total Coliforms	20	10	MPN/100 mls	10	09/23/19 19:35	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 24, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 24, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/23/19	13:45
Location Code:	F&O	Received by:	SW	09/23/19	18:16
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20020294A38	Laboratory	Data	SDG ID:	GCE1530

Project ID: MERIDEN MS4 DRY WEATHER Client ID: MM190923-450

SDG ID: GCE15308 Phoenix ID: CE15308

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	>24200	10	MPN/100 mls	10	09/23/19 19:35	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	>24200	10	MPN/100 mls	10	09/23/19 19:35	LJ/LJ	Colilert-18
Total Coliforms	>24200	10	MPN/100 mls	10	09/23/19 19:35	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 24, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE15315

September 24, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/23/19	17:26
Location Code:	F&O	Received by:	SW	09/23/19	18:16
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20020294A38	Laboratory	Data	SDG ID:	GCE15308

Project ID: MERIDEN MS4 DRY WEATHER Client ID: MM190923-483

RL/ Parameter Result PQL Units Dilution Date/Time Reference By Escherichia Coli 1050 10 MPN/100 mls 10 09/23/19 19:35 LJ/LJ SM9223B-04 Fecal Coliforms MPN 1260 10 MPN/100 mls 10 LJ/LJ Colilert-18 09/23/19 19:35 LJ/LJ SW9223B-06 **Total Coliforms** >24200 10 MPN/100 mls 10 09/23/19 19:35

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 24, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 24, 2019

Sample Information **Custody Information** Date Time SURFACE WATER Collected by: 09/23/19 17:15 Matrix: Received by: SW 09/23/19 Location Code: F&O 18:16 Rush Request: Standard Analyzed by: see "By" below P.O.#: 20020294A38 aboratory Data

Project ID: MERIDEN MS4 DRY WEATHER Client ID: MM190923-490

SDG ID: GCE15308 Phoenix ID: CE15314

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	10	10	MPN/100 mls	10	09/23/19 19:35	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	31	10	MPN/100 mls	10	09/23/19 19:35	LJ/LJ	Colilert-18
Total Coliforms	3450	10	MPN/100 mls	10	09/23/19 19:35	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 24, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Analysis Report

FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 13, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/09/19	11:33
Location Code:	F&O	Received by:	LB	09/09/19	15:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	02002294.A38	Laboratory	Data	SDG ID:	GCE0015

Project ID: MERIDN DRY WEATHER MS4 Client ID: MM190909-366

SDG ID: GCE00154 Phoenix ID: CE00155

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Escherichia Coli	10	10	MPN/100 mls	10	09/09/19 17:45	LJ/LJ	SM9223B-04
Total Coliforms	3450	10	MPN/100 mls	10	09/09/19 17:45	LJ/LJ	SW9223B-06
Nitrite-N	< 0.010	0.010	mg/L	1	09/09/19 18:47	ΤВ	E353.2
Nitrate-N	3.72	0.10	mg/L	5	09/09/19 18:48	ΤВ	E353.2
Nitrogen Tot Kjeldahl	0.56	0.10	mg/L	1	09/11/19	KDB	E351.1
Total Nitrogen	4.28	0.10	mg/L	1	09/11/19	KDB	SM4500NH3/E300.0-11
Phosphorus, as P	0.049	0.010	mg/L	1	09/12/19	JR	SM4500PE-11

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 13, 2019 Reviewed and Released by: Rashmi Makol, Project Manager



Analysis Report

FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 13, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/09/19	15:05
Location Code:	F&O	Received by:	LB	09/09/19	15:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	02002294.A38	Laboratory	Data	SDG ID:	GCE0015

MERIDN DRY WEATHER MS4 Project ID:

Client ID:

MM190909-214

SDG ID: GCE00154 Phoenix ID: CE00158

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Escherichia Coli	309	10	MPN/100 mls	10	09/09/19 17:45	LJ/LJ	SM9223B-04
Total Coliforms	24200	10	MPN/100 mls	10	09/09/19 17:45	LJ/LJ	SW9223B-06
Nitrite-N	< 0.010	0.010	mg/L	1	09/09/19 18:54	TB	E353.2
Nitrate-N	5.84	0.10	mg/L	5	09/09/19 18:55	TB	E353.2
Nitrogen Tot Kjeldahl	0.59	0.10	mg/L	1	09/12/19	KDB	E351.1
Total Nitrogen	6.43	0.10	mg/L	1	09/12/19	KDB	SM4500NH3/E300.0-11
Phosphorus, as P	0.033	0.010	mg/L	1	09/12/19	JR	SM4500PE-11

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 13, 2019 Reviewed and Released by: Rashmi Makol, Project Manager



Analysis Report

FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 13, 2019

Sample Informa	Sample Information		nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/09/19	12:55
Location Code:	F&O	Received by:	LB	09/09/19	15:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	02002294.A38	Laboratory	Data	SDG ID:	GCE0015

Project ID: MERIDN DRY WEATHER MS4 Client ID: MM190909-247

SDG ID: GCE00154 Phoenix ID: CE00157

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	62	10	MPN/100 mls	10	09/09/19 17:45	LJ/LJ	SM9223B-04
Total Coliforms	>24200	10	MPN/100 mls	10	09/09/19 17:45	LJ/LJ	SW9223B-06
Nitrite-N	< 0.010	0.010	mg/L	1	09/09/19 18:52	TB	E353.2
Nitrate-N	1.84	0.02	mg/L	1	09/09/19 18:52	ΤВ	E353.2
Nitrogen Tot Kjeldahl	0.37	0.10	mg/L	1	09/12/19	KDB	E351.1
Total Nitrogen	2.21	0.10	mg/L	1	09/12/19	KDB	SM4500NH3/E300.0-11
Phosphorus, as P	0.017	0.010	mg/L	1	09/12/19	JR	SM4500PE-11

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 13, 2019 Reviewed and Released by: Rashmi Makol, Project Manager



Analysis Report

FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 13, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/09/19	12:23
Location Code:	F&O	Received by:	LB	09/09/19	15:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	02002294.A38	Laboratory	Data	SDG ID:	GCE0015

Project ID: MERIDN DRY WEATHER MS4 Client ID: MM190909-359

SDG ID: GCE00154 Phoenix ID: CE00156

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Escherichia Coli	313	10	MPN/100 mls	10	09/09/19 17:45	LJ/LJ	SM9223B-04
Total Coliforms	>24200	10	MPN/100 mls	10	09/09/19 17:45	LJ/LJ	SW9223B-06
Nitrite-N	0.019	0.010	mg/L	1	09/09/19 18:49	TB	E353.2
Nitrate-N	3.74	0.04	mg/L	2	09/09/19 18:50	TB	E353.2
Nitrogen Tot Kjeldahl	0.56	0.10	mg/L	1	09/12/19	KDB	E351.1
Total Nitrogen	4.32	0.10	mg/L	1	09/12/19	KDB	SM4500NH3/E300.0-11
Phosphorus, as P	0.042	0.010	mg/L	1	09/12/19	JR	SM4500PE-11

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 13, 2019 Reviewed and Released by: Rashmi Makol, Project Manager



Analysis Report

FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 13, 2019

Sample Information		Custody Inform	Date	<u>Time</u>	
Matrix:	SURFACE WATER	Collected by:		09/09/19	11:04
Location Code:	F&O	Received by:	LB	09/09/19	15:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	02002294.A38				000015

Laboratory Data

SDG ID: GCE00154 Phoenix ID: CE00154

Project ID: MERIDN DRY WEATHER MS4

Client ID: MM190909-360

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	<10	10	MPN/100 mls	10	09/09/19 17:45	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	31	10	MPN/100 mls	10	09/09/19 17:45	LJ/LJ	Colilert-18
Total Coliforms	1420	10	MPN/100 mls	10	09/09/19 17:45	LJ/LJ	SW9223B-06
Nitrite-N	< 0.010	0.010	mg/L	1	09/09/19 18:43	ΤВ	E353.2
Nitrate-N	4.65	0.10	mg/L	5	09/09/19 18:46	ΤВ	E353.2
Nitrogen Tot Kjeldahl	0.57	0.10	mg/L	1	09/11/19	KDB	E351.1
Total Nitrogen	5.22	0.10	mg/L	1	09/11/19	KDB	SM4500NH3/E300.0-11
Phosphorus, as P	0.024	0.010	mg/L	1	09/12/19	JR	SM4500PE-11

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 13, 2019 Reviewed and Released by: Rashmi Makol, Project Manager



Analysis	Report
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FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE06586

September 17, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:	MM	09/11/19	12:46
Location Code:	F&O	Received by:	СР	09/11/19	15:22
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	02002294.A38	Laboratory	<u>Data</u>	SDG ID:	GCE06581

Project ID: MERIDEN MS4- DRY WEATHER Client ID: MM190911-626

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time By Reference
Escherichia Coli	30	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ SM9223B-04
Fecal Coliforms MPN	<10	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ Colilert-18
Total Coliforms	794	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 17, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Analysis Report

FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 17, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:	MM	09/11/19	11:20
Location Code:	F&O	Received by:	CP	09/11/19	15:22
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	02002294.A38				000000

Laboratory Data

SDG ID: GCE06581 Phoenix ID: CE06583

Project ID: MERIDEN MS4- DRY WEATHER Client ID: MM190911-219

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time By Refere	nce
Escherichia Coli	379	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ SM9223	B-04
Fecal Coliforms MPN	620	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ Colilert-1	8
Total Coliforms	>24200	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ SW9223	B-06
Nitrite-N	0.025	0.010	mg/L	1	09/11/19 19:26 TB E353.2	
Nitrate-N	0.63	0.02	mg/L	1	09/11/19 19:26 TB E353.2	
Nitrogen Tot Kjeldahl	0.44	0.10	mg/L	1	09/12/19 KDB E351.1	
Total Nitrogen	1.10	0.10	mg/L	1	09/12/19 KDB SM4500N	H3/E300.0-11
Phosphorus, as P	0.138	0.010	mg/L	1	09/13/19 MI SM4500F	PE-11

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 17, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE06669

September 13, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/11/19	13:37
Location Code:	F&O	Received by:	LB	09/11/19	16:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	02002294.A38	Laboratory	Data	SDG ID:	GCE06669

Project ID: MERIDEN MS4 DRY WEATHER Client ID: MM190911-408

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time By Reference
Escherichia Coli	10	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ SM9223B-04
Fecal Coliforms MPN	<10	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ Colilert-18
Total Coliforms	86	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 13, 2019 Reviewed and Released by: Rashmi Makol, Project Manager



Analysis	Report
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FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE06581

Sample Information		Custody Inform	nation	<u>Time</u>	
Matrix:	SURFACE WATER	Collected by:	MM	09/11/19	10:19
Location Code:	F&O	Received by:	СР	09/11/19	15:22
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	02002294.A38	Laboratory	<u>Data</u>	SDG ID:	GCE06581

Project ID: MERIDEN MS4- DRY WEATHER Client ID: MM190911-252

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time By Reference
Escherichia Coli	<10	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ SM9223B-04
Fecal Coliforms MPN	20	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ Colilert-18
Total Coliforms	246	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 17, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Analysis	Report
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FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE06582

September 17, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:	MM	09/11/19	10:28
Location Code:	F&O	Received by:	СР	09/11/19	15:22
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	02002294.A38	Laboratory Data		SDG ID:	GCE06581

Project ID: MERIDEN MS4- DRY WEATHER Client ID: MM190911-255

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time By Reference
Escherichia Coli	<10	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ SM9223B-04
Fecal Coliforms MPN	<10	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ Colilert-18
Total Coliforms	1720	10	MPN/100 mls	10	09/11/19 18:15 LJ/RM/LJ SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 17, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Attachment 4 Wet Weather Sampling Lab Results



Analysis	Report
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FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE08081

September 17, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:	MM	09/12/19	8:45
Location Code:	F&O	Received by:	СР	09/12/19	12:14
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	02002294.A38	Laboratory Data		SDG ID:	GCE08080

Project ID: MERIDEN MS4 WET WEATHER Client ID: MM190912-601

RL/ Parameter Result PQL Units Dilution Date/Time Reference Bv Escherichia Coli >24200 10 MPN/100 mls 10 09/12/19 15:10 LJ/LJ SM9223B-04 09/12/19 15:10 LJ/LJ/RVNColilert-18 Fecal Coliforms MPN >24200 10 MPN/100 mls 10 09/12/19 15:10 LJ/LJ SW9223B-06 **Total Coliforms** >24200 10 MPN/100 mls 10

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 17, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Analysis	Report
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FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE08082

September 17, 2019

Sample Information		Custody Inform	nation	<u>Time</u>	
Matrix:	SURFACE WATER	Collected by:	MM	09/12/19	9:00
Location Code:	F&O	Received by:	CP	09/12/19	12:14
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	02002294.A38	Laboratory	Data	SDG ID:	GCE08080

Project ID: MERIDEN MS4 WET WEATHER Client ID: MM190912-285

RL/ Parameter Result PQL Units Dilution Date/Time Reference Bv Escherichia Coli 17300 10 MPN/100 mls 10 09/12/19 15:10 LJ/LJ SM9223B-04 09/12/19 15:10 LJ/LJ/RVNColilert-18 Fecal Coliforms MPN >24200 10 MPN/100 mls 10 09/12/19 15:10 LJ/LJ SW9223B-06 **Total Coliforms** >24200 10 MPN/100 mls 10

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 17, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE08080

September 17, 2019

Sample Information		Custody Information		Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:	MM	09/12/19	8:30
Location Code:	F&O	Received by:	СР	09/12/19	12:14
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	02002294.A38	Laboratory Data		SDG ID:	GCE08080

Project ID: MERIDEN MS4 WET WEATHER Client ID: MM190912-360

RL/ Parameter Result PQL Units Dilution Date/Time Reference Bv Escherichia Coli 3080 10 MPN/100 mls 10 09/12/19 15:10 LJ/LJ SM9223B-04 09/12/19 15:10 LJ/LJ/RVNColilert-18 Fecal Coliforms MPN 11200 10 MPN/100 mls 10 09/12/19 15:10 LJ/LJ SW9223B-06 **Total Coliforms** >24200 10 MPN/100 mls 10

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 17, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE18906

September 30, 2019

Sample Information		Custody Information		Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/26/19	16:52
Location Code:	F&O	Received by:	В	09/26/19	19:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20020294.A38	Laboratory Data		SDG ID:	GCE18900

Laboratory Data

Project ID: MERIDEN MS4 WET WEATHER Client ID: MM190926-644

RL/ Parameter Result PQL Units Dilution Date/Time Reference Bv 09/26/19 20:55 RVM/LJ SM9223B-04 Escherichia Coli 13000 10 MPN/100 mls 10 Fecal Coliforms MPN 9800 10 MPN/100 mls 10 09/25/19 20:50 RVM/LJ Colilert-18 **Total Coliforms** >24200 10 MPN/100 mls 10 09/26/19 20:55 RVM/LJ SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 30, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Analysis	Report
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FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE18902

September 30, 2019

Sample Information		Custody Information		Date	Time
Matrix:	SURFACE WATER	Collected by:		09/26/19	16:17
Location Code:	F&O	Received by:	В	09/26/19	19:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20020294.A38	Laboratory Data		SDG ID:	GCE18900

Laboratory Data

Project ID: MERIDEN MS4 WET WEATHER Client ID: MM190926-111

RL/ Parameter Result PQL Units Dilution Date/Time Reference Bv 09/26/19 20:55 RVM/LJ SM9223B-04 Escherichia Coli 2190 10 MPN/100 mls 10 Fecal Coliforms MPN 5480 10 MPN/100 mls 10 09/25/19 20:50 RVM/LJ Colilert-18 **Total Coliforms** >24200 10 MPN/100 mls 10 09/26/19 20:55 RVM/LJ SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 30, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Analysis	Report
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FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE18900

09/25/19 20:50 RVM/LJ Colilert-18

09/26/19 20:55 RVM/LJ SW9223B-06

September	30,	2019
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Sample Information		Custody Information		Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/26/19	16:09
Location Code:	F&O	Received by:	В	09/26/19	19:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20020294.A38	Laboratory Data		SDG ID:	GCE18900

Project ID: MERIDEN MS4 WET WEATHER Client ID: MM190926-230

90926-230 RL/ Result PQL Units Dilution Date/Time By Reference 10 10 MPN/100 mls 10 09/26/19 20:55 RVM/LJ SM9223B-04

10

10

MPN/100 mls

MPN/100 mls

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

10

10

193

>24200

Comments:

Parameter

Escherichia Coli

Total Coliforms

Fecal Coliforms MPN

Phyllis Shiller, Laboratory Director September 30, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Analysis	Report
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FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE18907

September 30, 2019

Sample Information		Custody Information		<u>Date</u>	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/26/19	17:17
Location Code:	F&O	Received by:	В	09/26/19	19:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20020294.A38	Laboratory	Data	SDG ID:	GCE18900

Project ID: MERIDEN MS4 WET WEATHER Client ID: MM190926-242

RL/ Parameter Result PQL Units Dilution Date/Time Reference Bv 09/26/19 20:55 RVM/LJ SM9223B-04 Escherichia Coli 9210 10 MPN/100 mls 10 Fecal Coliforms MPN 7270 10 MPN/100 mls 10 09/25/19 20:50 RVM/LJ Colilert-18 **Total Coliforms** >24200 10 MPN/100 mls 10 09/26/19 20:55 RVM/LJ SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 30, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 30, 2019

Sample Information		Custody Information		Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/26/19	17:42
Location Code:	F&O	Received by:	В	09/26/19	19:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20020294.A38	Laboratory Data		SDG ID:	GCE1890

Project ID: MERIDEN MS4 WET WEATHER Client ID: MM190926-287

SDG ID: GCE18900 Phoenix ID: CE18908

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By Reference	
Escherichia Coli	>24200	10	MPN/100 mls	10	09/26/19 20:55 H	RVM/LJ SM9223B-04	
Fecal Coliforms MPN	>24200	10	MPN/100 mls	10	09/25/19 20:50 H	RVM/LJ Colilert-18	
Total Coliforms	>24200	10	MPN/100 mls	10	09/26/19 20:55 I	RVM/LJ SW9223B-06	

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 30, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE18905

09/26/19 20:55 RVM/LJ SW9223B-06

September 30, 2019

Sample Information		Custody Inform	nation	<u>Date</u>	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/26/19	16:47
Location Code:	F&O	Received by:	В	09/26/19	19:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20020294.A38	Laboratory Data		SDG ID:	GCE18900

Laboratory Data

MERIDEN MS4 WET WEATHER Project ID: Client ID:

MM190926-406 RL/ Result PQL Units Dilution Date/Time Reference Bv 09/26/19 20:55 RVM/LJ SM9223B-04 Escherichia Coli 189 10 MPN/100 mls 10 Fecal Coliforms MPN 908 10 MPN/100 mls 10 09/25/19 20:50 RVM/LJ Colilert-18

MPN/100 mls

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

10

>24200

Comments:

Total Coliforms

Parameter

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director September 30, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director

10



FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE18901

09/26/19 20:55 RVM/LJ SW9223B-06

September 30, 2019

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/26/19	16:15
Location Code:	F&O	Received by:	В	09/26/19	19:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20020294.A38	Laboratory Data		SDG ID:	GCE18900

Laboratory Data

Project ID: MERIDEN MS4 WET WEATHER Client ID: MM190926-445

RL/ Parameter Result PQL Units Dilution Date/Time Reference Bv 09/26/19 20:55 RVM/LJ SM9223B-04 Escherichia Coli 520 10 MPN/100 mls 10 Fecal Coliforms MPN 2380 10 MPN/100 mls 10 09/25/19 20:50 RVM/LJ Colilert-18

MPN/100 mls

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

10

>24200

Comments:

Total Coliforms

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director September 30, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director

10



FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

September 30, 2019

Sample Information		Custody Inform	Custody Information		<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/26/19	16:26
Location Code:	F&O	Received by:	В	09/26/19	19:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20020294.A38	Laboratory Data		SDG ID:	GCE18900

Project ID: MERIDEN MS4 WET WEATHER Client ID: MM190926-512

Phoenix ID: CE18903

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time By Reference
Escherichia Coli	>24200	10	MPN/100 mls	10	09/26/19 20:55 RVM/LJ SM9223B-04
Fecal Coliforms MPN	>24200	10	MPN/100 mls	10	09/25/19 20:50 RVM/LJ Colilert-18
Total Coliforms	>24200	10	MPN/100 mls	10	09/26/19 20:55 RVM/LJ SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director September 30, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Analysis	Report
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FOR: Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE18904

09/26/19 20:55 RVM/LJ SW9223B-06

September 30, 2019

Sample Information		Custody Inform	Custody Information		<u>Time</u>
Matrix:	SURFACE WATER	Collected by:		09/26/19	16:37
Location Code:	F&O	Received by:	В	09/26/19	19:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20020294.A38	Laboratory Data		SDG ID:	GCE18900

MERIDEN MS4 WET WEATHER Project ID: Client ID:

MM190926-513 RL/ Parameter Result PQL Units Dilution Date/Time Reference Bv 09/26/19 20:55 RVM/LJ SM9223B-04 Escherichia Coli 1440 10 MPN/100 mls 10 Fecal Coliforms MPN 1410 10 MPN/100 mls 10 09/25/19 20:50 RVM/LJ Colilert-18

MPN/100 mls

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

10

>24200

Comments:

Total Coliforms

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director September 30, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director

10



Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	STORM WATER	Collected by:		10/01/19	10:03
Location Code:	F&O	Received by:	LB	10/01/19	13:37
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory Data		SDG ID:	GCE23883

Project ID: MERIDEN MS4-WET WEATHER Client ID: 1306191001-552

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	5170	10	MPN/100 mls	10	10/01/19 17:05	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	2910	10	MPN/100 mls	10	10/01/19 17:05	LJ/LJ	Colilert-18
Total Coliforms	>24200	10	MPN/100 mls	10	10/01/19 17:05	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director October 03, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Phoenix ID: CE23883



Analysis Report F October 03, 2019		Attn: Mr. Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040
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Sample Informa	ample Information		nation	<u>Date</u>	<u>Time</u>
Matrix:	STORM WATER	Collected by:		10/01/19	10:26
Location Code:	F&O	Received by:	LB	10/01/19	13:37
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	Data	SDG ID:	GCE23883

Project ID: MERIDEN MS4-WET WEATHER Client ID: 1306191001-339

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	3870	10	MPN/100 mls	10	10/01/19 17:05	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	1990	10	MPN/100 mls	10	10/01/19 17:05	LJ/LJ	Colilert-18
Total Coliforms	>24200	10	MPN/100 mls	10	10/01/19 17:05	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director October 03, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Phoenix ID: CE23886



October 03, 2019 146 H	& O'Neill, Inc. lartford Road hester, CT 06040
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Sample Informa	ation	Custody Information		Date	<u>Time</u>
Matrix:	STORM WATER	Collected by:		10/01/19	10:10
Location Code:	F&O	Received by:	LB	10/01/19	13:37
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	Data	SDG ID:	GCE2388

Project ID: MERIDEN MS4-WET WEATHER Client ID: 1306191001-550

SDG ID: GCE23883 Phoenix ID: CE23885

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference	
Escherichia Coli	4610	10	MPN/100 mls	10	10/01/19 17:05	LJ/LJ	SM9223B-04	
Fecal Coliforms MPN	2910	10	MPN/100 mls	10	10/01/19 17:05	LJ/LJ	Colilert-18	
Total Coliforms	>24200	10	MPN/100 mls	10	10/01/19 17:05	LJ/LJ	SW9223B-06	

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director October 03, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Sample Informa	ation	Custody Information		Date	<u>Time</u>
Matrix:	STORM WATER	Collected by:		10/01/19	10:06
Location Code:	F&O	Received by:	LB	10/01/19	13:37
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	Data	SDG ID:	GCE2388

Project ID: MERIDEN MS4-WET WEATHER Client ID: 1306191001-551

SDG ID: GCE23883 Phoenix ID: CE23884

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	5790	10	MPN/100 mls	10	10/01/19 17:05	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	3080	10	MPN/100 mls	10	10/01/19 17:05	LJ/LJ	Colilert-18
Total Coliforms	>24200	10	MPN/100 mls	10	10/01/19 17:05	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director October 03, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Analysis Report	
November 14, 2019	

FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Sample Informa	ation	Custody Inform	nation	<u>Date</u>	<u>Time</u>
Matrix:	STORM WATER	Collected by:		11/12/19	10:49
Location Code:	F&O	Received by:	CP	11/12/19	14:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	Data	SDG ID:	GCE58661

Project ID: MERIDEN MS4 WET WEATHER Client ID: MM191112-371

Phoenix ID: CE58663

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Escherichia Coli	<10	10	MPN/100 mls	10	11/12/19 15:50	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	<10	10	MPN/100 mls	10	11/12/19 15:50	LJ/LJ	Colilert-18
Total Coliforms	627	10	MPN/100 mls	10	11/12/19 15:50	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director November 14, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Sample Informa	ation	Custody Inform	nation	Date	<u>Time</u>
Matrix:	STORM WATER	Collected by:		11/12/19	11:00
Location Code:	F&O	Received by:	CP	11/12/19	14:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	Data	SDG ID:	GCE58661

Project ID: MERIDEN MS4 WET WEATHER Client ID: MM191112-217

Phoenix ID: CE58664

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	<10	10	MPN/100 mls	10	11/12/19 15:50	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	10	10	MPN/100 mls	10	11/12/19 15:50	LJ/LJ	Colilert-18
Total Coliforms	6130	10	MPN/100 mls	10	11/12/19 15:50	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director November 14, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Analysis Report	FOR:
November 14, 2019	

Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Phoenix ID: CE58661

Sample Information		Custody Inform	nation	<u>Date</u>	<u>Time</u>
Matrix:	STORM WATER	Collected by:		11/12/19	9:58
Location Code:	F&O	Received by:	CP	11/12/19	14:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	Data	SDG ID:	GCE58661

Project ID: MERIDEN MS4 WET WEATHER Client ID: MM191112-252

RL/ Parameter Result PQL Units Dilution Date/Time Reference By Escherichia Coli <10 10 MPN/100 mls 10 11/12/19 15:50 LJ/LJ SM9223B-04 Fecal Coliforms MPN <10 10 MPN/100 mls 10 LJ/LJ Colilert-18 11/12/19 15:50 LJ/LJ SW9223B-06 **Total Coliforms** 98 10 MPN/100 mls 10 11/12/19 15:50

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director November 14, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Analysis Report	
November 14, 2019	

FOR: Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Sample Information		Custody Inform	Date	<u>Time</u>	
Matrix:	STORM WATER	Collected by:		11/12/19	10:09
Location Code:	F&O	Received by:	CP	11/12/19	14:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	Data	SDG ID:	GCE5866

Project ID: MERIDEN MS4 WET WEATHER Client ID: MM191112-253

SDG ID: GCE58661 Phoenix ID: CE58662

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Escherichia Coli	<10	10	MPN/100 mls	10	11/12/19 15:50	LJ/LJ	SM9223B-04
Fecal Coliforms MPN	<10	10	MPN/100 mls	10	11/12/19 15:50	LJ/LJ	Colilert-18
Total Coliforms	3260	10	MPN/100 mls	10	11/12/19 15:50	LJ/LJ	SW9223B-06

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director November 14, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director



06040

Phoenix ID: CE58665

Environmental Laboratories, Inc. 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report November 14, 2019	FOR:	Attn: Dave Cook Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 060
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Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	STORM WATER	Collected by:		11/12/19	11:28
Location Code:	F&O	Received by:	СР	11/12/19	14:20
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2002294.A38	Laboratory	Data	SDG ID:	GCE58661

Project ID: MERIDEN MS4 WET WEATHER Client ID: MM191112-279

RL/ Parameter Result PQL Units Dilution Date/Time By Reference Escherichia Coli 161 10 MPN/100 mls 10 11/12/19 15:50 LJ/LJ SM9223B-04 Fecal Coliforms MPN 75 10 MPN/100 mls 10 LJ/LJ Colilert-18 11/12/19 15:50 LJ/LJ SW9223B-06 **Total Coliforms** >24200 10 MPN/100 mls 10 11/12/19 15:50

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Phyllis Shiller, Laboratory Director November 14, 2019 Reviewed and Released by: Greg Lawrence, Assistant Lab Director