

2020 Annual Report – MS4 General Permit

Town of Somers

Somers, Connecticut

April 2021



Prepared by:



146 Hartford Road
Manchester, CT 06040



This report documents The Town of Somers' efforts to comply with the conditions of the M24 General Permit to the extent practicable.

January 1, 2020 to December 31, 2020

1 Public Production and Future Prospects on page 1

Item	Status	Activities in current reporting period	Measureable goal	Department responsible	Due date	Date completed or projected completion date	Additional details
1. Provide information on Toilet Banks	Complete	See table below for details.	Update and maintain Toilet Banks to include educational materials	Public Works	2021, 2022	Jan 21, 2012	
1. Address education/outreach for participants of concern	Complete	Fact sheet is not distributed every new day. License issued.	Educate participants about proper waste disposal by distributing a fact sheet every new day.	Public Works, Town Clerk's Office	2020	2020	Started in 2020. Goal: 2022. "Clean Waters" and "Waste and Water" rebranding the town's stormwater website.

Item	Status	Activities in current reporting period	Measurable Goal	Department Person Responsible	Due	Date completed or projected completion date	Additional details
124 Install and Maintain "No Dumping" Signs	Completed	"No Dumping" signs continue to remain installed on Deerfield Road, which is in the watershed of an impaired water body. The Director of Public Works provided a verbal update to the Board of Selectmen in March 2020.	Made and installed signs at stream or lake access points	Public Works	Not specified	Completed	Reason for addition to the schedule was to get signs installed to the M24.
124 Annually Update to Board of Selectmen	Completed	The Director of Public Works provided a verbal update to the Board of Selectmen in March 2020.	Provide information to Board of Selectmen annually	Public Works	Not specified	Completed	Reason for addition: Keep the Board of Selectmen informed of efforts towards M24 Permit compliance helps to build understanding of and financial support for continued progress.

Extra space for describing the activities, if needed

Item	
124 Provide Stormwater Information on Town Website	Links to the following educational materials remained available through the Town's stormwater website and published through the town website: "Clean Waters Starting in Your Home and Yard: Animal Waste and Water Quality" "How to Care for Your Septic System" "Ground Water and Drinking Water: Basic Information about Your Drinking Water" "Introduction to Integrated Pest Management" "Managing Your Household Chemicals" "EPA Stormwater Information: National Pollutant Discharge Elimination System (NPDES)" "EPA's Soak Up the Rain" "CTDEEP: Stormwater and Water Quality" "CT NEMO Program" "Don't Trash Grass!" Additional pamphlets and fact sheets were also available, including: "Lawn Care the Environmentally-Friendly Way" "Conservation Landscaping for Water Quality"

1.2 Describe the public education and outreach activities planned for the next year, in applicable

- Reach out to other partners, particularly in the schools, to identify what other partners or organizations are doing to implement additional activities related to water.
- Continue to update on MS4 progress and stormwater management to community groups, including Open Space and Trails Committee, Club Ecobits, and other groups.
- Continue to use the Town's outfalls and MS4 program, providing connectivity between the MS4 program and the Town schools.
- Continue the Paint Care recycling program at the Town Recycling Center on the first Saturday of the month from May through November.
- Continue to release Waters Connection Magazine annually to approximately 4,100 households.

1. Details of Activities implemented to educate the community on stormwater

Program Element/Activity	Audience and number of people reached	Topics covered	Pollutant of Concern addressed in application	Responsible dept or partner org
Signs to the following educational water storage sites: "Clean Waters Starting in Your Home and Yard: Drainage Waste and Water Quality" "How to Care for Your Septic System" "Ground Water and Drinking Water: Basic Information about Your Drinking Water" "Introduction to Integrated Pest Management" "Managing Your Household Chemicals" "EPA Stormwater Information: National Pollutant Discharge Reduction System (NPDES)" "EPA's Soak Up the Rain" "CTDEP: Stormwater and Water Quality" "CT NEMO Program" "Lawn Care the Environmentally Friendly Way" "Conservation Landscaping for Water Quality" "Don't Trash Grass"	Open to residents	- Pet Waste, Waterfowl - Septic system - Maintenance - Drinking Water - reductions - Principles of PPM - Household chemicals - Proper reductions - Green - Infrastructure for stormwater - Basic stormwater and water quality information - CT NEMO program - Lawn maintenance	Water	Public Works
Update as to the Open Space and Trails Committee cancelled due to COVID-19	Open Space and Trails Committee cancelled due to COVID-19			Public Works
Household Hazardous Waste Health Care Handout First and Second, September 12th, October 12th, October 12th, and December 14th	Open to residents	Recycling of Hazardous Waste		Public Works
Paint Care Program First day of each month, May to October Connecticut Magazine Annually distributed	Open to Residents	Recycling of paint		Public Works
	Open to Residents Approximately 4,100 households	Paints and stains		Public Works

Public Participation Section 6a(2)(a) page 11

2021 MM Summary

Item	Status	Activities in current reporting period	Measurable Goal	Department Person Responsible	Due	Date completed or projected completion date	Additional details
1. Copy with public notice residents for the Mayor's Management Plan	Complete	Draft Mayor's Management Plan was made available electronically on the Town Website and through hard copy in the Town offices. Notice of availability was published on the Town Website.	Make draft Mayor's Management Plan available electronically on the Town Website and paper copies available in Town offices. Publish notice of availability on Website or local newspaper.	Public Works and Use	Apr 1, 2012	Apr 1, 2012	No comments were received on the draft Mayor's Management Plan. Three copies of the plan were taken during the reporting period, but no comments were received.
2. Copy with public notice residents for Annual Reports	Complete	The final Mayor's Management Plan was made available on April 4, 2012 on the Town Website, as well as in hard copy at the Town Clerk's Office, the Senior Center, and the Library.	Make final Mayor's Management Plan available electronically on the Town Website and paper copies available in Town Hall and Library.	Public Works and Use	Apr 1, 2012	Apr 1, 2012	
3. Copy with public notice residents for Annual Reports	Complete	Notice of annual report posted to Town Website on January 14, 2012. Draft annual report posted to Town Website and made available before February 12, 2012 to March 12, 2012.	Make draft Annual Report available electronically on the Town Website and paper copies available in Town Hall and Library. Publish notice of availability on Website or local newspaper.	Public Works and Use	Feb 12, 2012		



Item	Status	Activities in current reporting period	Measurable Goal	Department Person Responsible	Due	Date completed or projected completion date	Additional details
The Mayor with representatives for Annual Reports Continued	In Progress	The Town has prepared the 2020 Annual Report and submitted it to the Mayor, as required by the Town Charter, by the April 1, 2021 deadline.	Submit Annual Report to Mayor and the Town Board for review and approval by the Town Board.	Public Works, and Use and Zoning	Apr 1, 2021	Anticipate completion by the Apr 1, 2021 deadline.	
	Complete	The Mayor's Committee consists of Todd Rorland, Mayor of Public Works, Matthew P. Parnell, and Use Technician and Jeffrey Lord, Consultant.	Report a Mayor's Committee	Mayor's Coordinator	Not specified	2021	Mayor's Committee is an informal group of town employees with responsibilities related to the Mayor.
	In Progress	The Mayor's Committee holds regular informal meetings with the Mayor's Committee for reporting period.	Hold annual meetings of the Mayor's Committee	Director or designee	Not specified	Annual	
Sponsor Community Participation	In Progress	Household Hazardous Waste Outreach Days were sponsored in Manchester on April 10, 10, 11, and 12, and at the Hartford Department of Public Works on April 14. Patient Care Programs occur on the first Saturday of each month from May through October at the Town Recycling Center.	Hold sponsor to community participation events per year.		Not specified	Annual	

Describe the public involvement participation activities planned for the next year, if applicable

- The Mayor's Committee continues to meet regularly. The 2020 Annual Report will be submitted to the Mayor by April 1, 2021. The Office of the 2020 Annual Report has been posted prior to the deadline.
- The Town continues to sponsor community participation events, including the Household Hazardous Waste Outreach Days.
- There is an annual cleanup planned by the Open Space and Trails Committee, subject to the conditions.
- Patient Care Days occur on the first Saturday of each month between May and November through October.

2022 Public Involvement Participation Report Metrics

Metrics	Implemented	Date	Posted
Availability of the Water Management Plan announced to public	yes	Draft report announced April 4, 2021	Department of Public Works departmental water - Hard copies available in Town Clerk's Office, Senior Center, and Library
Availability of Environmental Report announced to public	yes	Draft report announced January 14, 2021	https://www.somersct.org/annualwaterreport

Unlabeled Detection and Elimination Section and Appendix page

2021 Summary

Item	Status	Activities in current reporting period	Measurable Goal	Department Person Responsible	Due	Date completed or projected completion date	Additional details
2021 Detection System Mapping and Database	Complete		Prepare Written 2022 Plan	Public Works, and Use	12/1/2021	September 1, 2021	
	In progress	To continue to update their existing system, which is approximately 2017 completion progress has made this year due to COVID-19 restrictions	Update 2022 M24 Mapping to include all water outfalls on the municipality	Public Works, and Use	12/1/2021	Anticipate completion by Dec 31, 2021	Employee has hired, whose duties include work on this effort
	In Progress	To continue to develop detailed information about their water infrastructure, which is approximately 2017 completion progress has made this year due to COVID-19 restrictions	Develop asset database or spreadsheet included in referenced elements listed on page 24 of 10 of the General Permit for all water outfalls in municipality			Anticipate completion by Dec 31, 2021	Employee has hired, whose duties include work on this effort
	In Progress	To continue to update their existing system, which is approximately 2017 completion progress has made this year due to COVID-19 restrictions	Update 2022 storage system to include related elements listed on pages 24 in Appendix 2 of the General Permit included in catchment delineations		12/1/2020	Anticipate completion by Dec 31, 2021	Employee has hired, whose duties include work on this effort



Item	Status	Activities in current reporting period	Measurable goal	Department person responsible	Due	Date completed or projected completion date	Addition details
2024 Citizen Report Card	Complete	The Town handles citizen reporting through its Citizen Action Line, available on the Town Website.	Maintain Citizen Action Line and provide notice of the hotline on Town Website.	Public Works, and Use	2024 1, 2024	2024 1, 2024	
2024 Develop Ordinance Discharge Ordinance	Complete	The Town contracted with a consultant to develop the Ordinance. The ordinance was reviewed by Town staff, sent to a public hearing on March 2, 2024, and was adopted 12 days later.	Develop ordinance	Public Works, and Use	2024 1, 2024	Mar 22, 2024	
2024 Develop record keeping system for 2024 tracking	Complete	Workers develop a record of discharge abatement activities including date and location or address, description, date, inspection, sampling data, application, actions taken, date of removal or repair and responsible party.	Develop record keeping for abatement activities	Public Works, and Use	2024 1, 2024	Dec 21, 2024	
2024 Address 2024 in areas with pollutants of concern	Not started	No progress has been made this year due to COVID-19 restrictions.			Not specified	Anticipated completion by the end of the period.	
2024 Conduct 2024 Inventory	Complete	Completed inventory of 2024 residents in discharge to the M24 were reported during the reporting period.	2024 residents responsible for discharge to the M24 are known to have occurred in the 2 years prior to the effective date of the permit. Maintain information and respond to future permits.	Public Works, and Use	2024 1, 2024	Dec 2024	Reason for addition: Part of the 2024 Protra



Item	Status	Activities in current reporting period	Measurable Goal	Department Person Responsible	Due Date	Date completed or projected completion date	Addition details
Assess and Prepare Priority Ranking of Catchments	Not started		Classify each catchment within priority areas into an elevated problem, high priority, or low priority catchment	Public Works and Use	11/1, 2012	Anticipate completion by Dec 1, 2012	Reason for addition: Part of the 2012 Priorities
Assess and Prepare Priority Ranking of Catchments Continued	Not started		Rank catchments within each category except elevated catchments based on screening factors found on page 6 of the Appendix of the General Permit	Public Works and Use	11/1, 2012	Anticipate completion by Dec 1, 2012	Reason for addition: Part of the 2012 Priorities
Conduct Dry Weather Screening	Not started		Conduct dry weather screening and sampling where flow of every M4 outfall and interconnection detected for elevated and Problem Catchments	Public Works and Use	11/1, 2012	Anticipate completion by Dec 1, 2012	Reason for addition: Part of the 2012 Priorities
Conduct Catchment Investigations and Release Discharges	Not started		Estimate catchments for system vulnerability factors and best management practices	Public Works and Use	11/1, 2012	Anticipate completion by Dec 1, 2012	Reason for addition: Part of the 2012 Priorities
	Not started		Where system vulnerability factors are present, conduct anholistic inspections to isolate and verify sources. Release identified discharges conduct confIRMATORY outfall screening	Public Works	11/1, 2012	Anticipate completion by Dec 1, 2012	Reason for addition: Part of the 2012 Priorities

2.2 Describe the activities planned for the next year, if applicable

• Maintain a master tracking spreadsheet and ensure all employees understand the reporting process • Continue to implement the written plan • Continue work to update M40 traffic app and detailed app in the future • Review of traffic screen and catchment area

2.3 List of citizen reports of suspected illicit discards received during this reporting period

Date of Report	Location of suspected source	Response taken
Zone reported		

2.4 Provide a record of illicit discards occurring during the reporting period and SSIs occurring during 2012 throughout end of reporting period using the following table

Location of street crossing address and receiving water	Date and duration of occurrence	Discards to MSW or surface water	Estimated volume discarded	Number or suspected cause of discards	Corrective measures planned and completed dates	Sampling date of applicable
Zone reported						

2.5 Briefly describe the method used to track illicit discards reports, responses to those reports, and who is responsible for tracking this information

Illicit discards reports are tracked through the Citizen Action Plan Reports are stored in the cloud and sent to the Director of Public Works and Code Enforcement to review the discharge and if necessary discharges are found, the reports are sent to the Director of Public Works and Code Enforcement to review the discharge
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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 watershed or watersheds, if known
Zone reported		

Report metrics

Metrics	
Estimated or actual number of M24 outfalls	total 16 in priority area
Estimated or actual number of interconnections	1
Outfalls repaired	0
Interconnection repaired	0
System made repaired	0
Outfall assessment and priority ranking	0
Try weather screening of all H2H and 100 priority outfalls completed	0
Catchment investigations completed	0
Estimated percentage of M24 catchment area investigated	0

Describe the training for employees involved in carrying out these tasks including that type of training is provided and how often is it given approximately once per year

Top specific trainings are provided annually in 2020 training included:

- Street sweeper operation training completed 2020
- General training that covered that to 2000 for when on patrol and checking waterways and basins for mosquitoes, completed 2020
- Snow and Ice Management and reducing salt use completed December 2020
- Walbridge reader calibration, completed December 2020
- Industrial Patient Care Provider training, completed 2020

Construction Site Monitoring Control Section 6a(4)(b) page 22

2021 QM2 Summary

QM2	Status	Activities in current reporting period	Measurable Goal	Department Person Responsible	Due	Date completed or projected completion date	Additional details
4.1. Repealed and Update Land Use Regulations	In progress	The Town contracted with a consultant to review existing Land Use Regulations and has received recommendations for revisions. Regulations are currently being updated. Progress was stalled this year due to COVID-19 restrictions and staffing changes.	Review and update, as necessary, existing Land Use Regulations and representation policies for compliance with the M24 General Permit construction site stormwater runoff controls requirements.	Planning, Zoning	12/01/2021	Anticipate completion by Dec 30, 2021	The Town 2021 be continued to evaluate the recommendations from their consultant and move forward with the revision process in the coming year. There is 2021 construction completed in the Town.
	In progress	The Town contracted with a consultant to review existing Land Use Regulations and has received recommendations for revisions. Progress was stalled this year due to COVID-19 restrictions and staffing changes.	Extend existing Zoning Regulations to require siting of a waste management plan for construction projects with potential disturbance of 1 acre or more.	Planning, Zoning and Wetlands Agency	2021	Anticipate completion by Dec 30, 2021	
4.2. Repealed Site Plans for Stormwater Quality	2021	Land Wetlands personnel completed site plan reviews, as necessary, for projects subject to the Land Use Regulations.	Complete site plan reviews for all projects subject to the Land Use Regulations.	Planning, Zoning and Wetlands Agency	2021	2021	
4.3. Conduct Site Inspections	2021	Land Wetlands personnel conducted site inspections as necessary.	Conduct inspections and enforcement to assess and ensure the adequacy of the installation, maintenance, operation, and repair of	Planning	2021	2021	



Item	Status	Activities in current reporting period	Measurable Goal	Department Person Responsible	Due	Date completed or projected completion date	Additional details
4.4 Interdepartmental Coordination	In Progress	Land Use and Zoning Ordinance coordinated with plan review and approved	Continue to implement environmental coordination procedures	Land Use Ordinance and Department	In Progress	In Progress	
	In Progress		For projects not presented at public meeting, make a list of additional permits available at Town Hall that the public can review and comment on	Planning, Zoning, and Public Works	In Progress	In Progress	
	Complete		Post notices of Somers' 'hotline' (Citizen Request Center) for storage related comments on the municipal storage website			Completed in early 2017	
4.5 Developer Notification of PPP Requirements	In Progress	The Town is in the process of drafting a handbook of drafters to inform contractors of their potential obligation to register under the PPP construction general permit and to provide copies of the PPP upon request	The handbook is to provide to developers/inform contractors of their potential obligation to register under the PPP construction general permit and to provide a copy of the Storage Water Pollution Control Plan to developers upon request	Planning	In Progress	Anticipate completion in 2017	
	In Progress					In Progress	

2.2 Describe the Construction Site Monitoring Control Activities planned for the next year, if applicable

- Continue to review site plans and conduct construction site inspections
- Develop a handbook to be given to developers/contractors when they apply for a permit outlining the requirements of the BMP Construction Erosion Control General Permit
- Continue the process of reviewing and revising the erosion control regulations to incorporate recommended updates

2.3 Post-Construction Stormwater Management Erosion Control page 2.3.1

2.3.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable Goal	Department Person Responsible	Due	Date completed or projected completion date	Additional details
2.3.1.1 Update and Review Regulations	In progress	The Town contracted with a consultant to review erosion and use regulations and has received recommendations for revisions. Progress this year has started due to CDD's restrictions and staffing changes.	Review and update, as necessary, erosion and use regulations and recommendations for compliance with the general permit post-construction stormwater management requirements.	Land Use, Public Works, Legal Counsel	June 1, 2021	Anticipate completion by Dec 30, 2021	The Town will be continuing to evaluate the recommendations from their consultant and take forward with the revision process in the coming year.
2.3.1.2 Enforce Erosion Control Regulations for Developers and Redevelopers	In progress	The Town contracted with a consultant to review erosion and use regulations and has received recommendations for revisions. Progress this year has started due to CDD's restrictions and staffing changes.	Review and update, as necessary, current regulations to review the use of and identify, reduce, or eliminate existing regulatory barriers to implementation of erosion reduction practices.	Land Use, Public Works, Legal Counsel	Anticipated beginning 1, 2021	Anticipate completion by Dec 30, 2021	
	In progress	Plans are reviewed, as necessary, to ensure compliance with any erosion regulations.	Complete plan reviews and ensure compliance with erosion reduction practices.	Planning and Lands Agency	June 1, 2021	In progress	



Item	Status	Activities in current reporting period	Measurable Goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
Identify retention and detention ponds in priority areas	In Progress	Town continues to update the retention pond system, which is approximately 20% complete. This includes the locations of storage basins and treatment structures. Progress this year has stalled due to COVID restrictions and staffing changes.	Identify storage basins and treatment systems in priority areas and include them in the application.		11/1, 2012	Anticipate completion by Dec 31, 2021	The Town has hired a technician whose duties include working on this effort.
	Complete	The only Town-owned treatment structures are detention basins.	Develop a water retention/detention basins and storage treatment structures.	Planning, Public Works	11/1, 2012	Completed by Dec 31, 2020	
Maintenance Plan for Storage Basins and Treatment Structures	In Progress	The Town's detention basins are inspected regularly and sediment is removed every 2 to 3 years, due to the activity of the basin. Progress this year has stalled due to COVID restrictions and staffing changes.	Implement maintenance plan including annual inspection of retention/detention basins and storage treatment structures and removal of accumulated sediment and pollutants.			Anticipated completion by Dec 30, 2021	
	Complete		Calculate the directly Connected Impervious Area (CIA) of catchment areas within the drainage provided by the P and Conn CIP.	Planning, Public Works	11/1, 2020	10/1/2021	

Item	Status	Activities in current reporting period	Measurable Goal	Department / Person Responsible	Due Date	Date completed or projected completion date	Additional details
1. Address Potential Construction Issues and Concerns	In Progress		Re-use of existing material, redevelopment, or retrofit projects effectively add or reduce impacts		Annually between 1, 2021	Anticipate completion by 1, 2021	
	Not started		Address erosion and sediment problems noted during inspections conducted under the 2012 through retrofits	Planning, Public Works	Not specified	Anticipated to follow completion of the above	

2. Describe the Post-Construction Stormwater Management Activities planned for the next year, if applicable

- Continue the process of re-evaluating and updating existing estimates and use re-evaluation to incorporate recommendations
- Continue tracking and re-evaluating 2022 estimates to account for development and redevelopment projects



Metrics	
Base network directly Connected peers area	262 acres
Disconnected redeployed peers retrofits	0 acres this year 168 acres of buildings related at CalPava Town's purchase of the property, and 2.5 acres of buildings related at the former Meyer site
Retrofits completed	0
Disconnected	0 this year 1 total since 2012
Estimated cost of retrofits	20
Retention or retention ponds identified	0 this year 0 total

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Item	Status	Activities in current reporting period	Measurable Goal	Department Person Responsible	Due	Date completed or projected completion date	Addition details
63 Property and Operations Maintenance Contracted	Not started	Progress this year was stalled due to COVID-19 restrictions and staffing changes	Rehabilitate and modify, as necessary, the parking lot, building and equipment parking lot, building, and maintenance practices	Public Works		Anticipate completion by Dec 1, 2021	PCC Plans and PPPs are in place for the parking lot, building, and the building's maintenance practices. More for the building are needed, especially at the school.
	In progress		Rehabilitate and modify, as necessary, the parking lot, building and equipment parking lot, building, and maintenance practices	Public Works	In progress by Dec 1, 2021	Anticipate completion by Dec 1, 2021	Rehabilitate the parking lot, building and equipment parking lot, building, and maintenance practices. More for the building are needed, especially at the school.
64 Interconnected M4s	Not started	Residents self-reported to the recycling center	Rehabilitate and modify, as necessary, the parking lot, building and equipment parking lot, building, and maintenance practices	Public Works		In progress	The CT has been identified as the only interconnected M4. The Town has identified a contact person and the coordinate with the CT.
	In progress		Rehabilitate and modify, as necessary, the parking lot, building and equipment parking lot, building, and maintenance practices	Public Works	In progress by Dec 1, 2021	Anticipate completion by Dec 1, 2021	Rehabilitate the parking lot, building and equipment parking lot, building, and maintenance practices. More for the building are needed, especially at the school.
65 Control of Contaminants from Impermitted Practices	In progress	No impermitted facilities identified to date	Rehabilitate and modify, as necessary, the parking lot, building and equipment parking lot, building, and maintenance practices	Public Works	In progress by Dec 1, 2021	Anticipate completion by Dec 1, 2021	Rehabilitate the parking lot, building and equipment parking lot, building, and maintenance practices. More for the building are needed, especially at the school.



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Item	Status	Activities in current reporting period	Measurable Goal	Department Person Responsible	Due	Date completed or projected completion date	Addition details
6.10 Patient Deepening	In Progress	Approximately 20 curb areas of streets were swept from May 2020 to June 2020. Approximately 200 cubic yards of material was removed and disposed of.	Keep area clean and operated streets and parking lots each spring and fall.	Public Works	In Progress by 1, 2012	In Progress	
6.10 Patient Continued	In Progress	No new or redeveloped parking areas that prohibit parking during the reporting period.	Allocate runoff reduction measures such as permeable pavement or other measures to protect sheet flow of stormwater for a new and redeveloped parking areas.	Public Works	In Progress by 1, 2012	In Progress	
6.11 Catch Basin Cleaning	Complete	2020 catch basins have been cleaned and inspected. According to the Town's clean and inspect one third of the catch basins each year.	Inspect and clean 100% of catch basins.	Public Works	In Progress by 1, 2020	2020	
	Complete		Develop a plan for optimal catch basin cleaning frequency in certain areas based on inspection findings, such that no catch basin is more than 30 days.	In Progress by 1, 2012	Apr 1, 2012		
6.12 Patient Management Practices	In Progress	Type and amount of debris material has tracked, along with materials treated, equipment used, and staff training.	Implement practices for debris material management and ice control.	Public Works	In Progress by 1, 2012	In Progress	

2.2 Describe the Pollution Prevention Good Housekeeping activities planned for the next year, if applicable

- Continue to document pertinent maintenance/clean-up operations
- Maintain a list of complaints received regarding road and highway maintenance concerns
- Continue to conduct employee training
- Continue to inspect the maintenance department monthly and maintain records of each inspection
- Coordinate efforts with local schools
- Continue to contact local order system
- Annually clean one third of catch basins
- Identify a list of potential areas for retrofit planning

Waste Pollution Prevention Food Housekeeping reporting metrics

Metrics	
Employee training provided for key staff	Yes, prior to December 2020
Street sweeping	
City street sweep	20
Volume of water collected	Approximately 20 cubic yards
Catch basin cleaning	
Total catch basins in priority area:	1,264
Total catch basins in M24	1,221
Catch basins inspected	0 Catch basin inspections and cleanings were missed in 2020 due to COVID-19
Catch basins cleaned	0
Volume of water removed from all catch basins	0 cubic yards
Volume removed from catch basins to repaired waters of runoff	0
Volume of debris removed	
Type of debris removed	"ClearLane" Treated road salt
Total amount of each debris type removed	267 tons
Type of debris removed	Treated combination of sand and silt
Debris treated	120 tons
Debris disposal location	Debris left on site
Staff training provided on application methods and equipment	Yes, prior to December 2020
Minimizing potential for actions for permittee properties in basins with PMP participants	
Reduction in application of fertilizers since start of permit	24
Reduction in turf area since start of permit	4 acres The High School field within the tract was replaced with artificial turf in 2020
Plans with potential to contribute bacteria to open water, ponds with open water, or sites with failing septic system:	
Cost of remediation actions retrofitted	2000 required to hand pump of pet waste stations



Describe the method used to optimize your classification inspection and cleaning schedule.

retrofit program

na

na

na

Report on Impaired Waters Investigation and Monitoring

1. Impaired Waters Investigation and Monitoring Program

The following table indicates the status of concern occurrences in our municipality or institution's data is available on the Map Page:

Phosphorus ☐ Bacteria ☒ Mercury ☒ Other Pollutant of Concern ☐

Describe program status

Discuss the status of monitoring for completed, 2004 summary of the results and the results of the monitoring to the Stormwater Management Plan based on monitoring results.

Two outfalls to the Town's impaired waters were screened for bacteria under the 2004 permit. Those data are included below in section 2. One of the outfalls had high levels of coliform bacteria for 2004. The investigation to additional screening of outfalls to the paired waterbodies has been conducted to date under the 2017 permit. The 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.

2. Screening data for outfalls to impaired waterbodies Section 6.1.1 page 41

2.1 Screening data

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

Outfall ID	Latitude / Longitude	Sample date	Parameter Nitrogen, Phosphorus, Bacteria, or other pollutant of concern	Results	Time of monitoring used	Follow up required
Not yet started						

2022 Credit Screening data collected under 2007 permit

If any violations to repaired waters were sampled under the 2004 M24 permit, that data can count towards the violation requirements under the modified 2012 M24 permit. Complete the table below to record sampling data for any violations to repaired waters under the 2004 M24 permit.

Location	Latitude & Longitude	Sample date	Parameter: Nitrogen, Phosphorus, Bacteria, or other pollutant of concern	Results	Time of day used	Follow-up required
RR1 Cantic River at 24 Parsons Road		2/24/16	TC	1030 MP2100 PPs	Phoenix	Yes
RR2 Cantic River at 116 Main Street		2/24/16	TC	242 MP2100 PPs	Phoenix	No

Provide the following information regarding the following pollutant thresholds are exceeded:

Pollutant of concern	Pollutant threshold
Nitrogen	Total N 2.2 mg/L
Phosphorus	Total P 0.07 mg/L
Bacteria (fresh waterbody)	22 col/100 mL for sampling areas or 410 col/100 mL for all others - Total Coliform 200 col/100 mL
Bacteria (salt waterbody)	- Deca Coliform 21 col/100 mL for Class 2 and 260 col/100 mL for Class 3 - Enterococcus 104 col/100 mL for sampling areas or 200 col/100 mL for all others
Other pollutants of concern	Sample turbidity 25 NTU or greater sample

Follow-up investigations Section 6.11.1 of page 24

Provide the following information for violations exceeding the pollutant threshold:

Location	Status of drainage area investigation	Control measure implementation to address impairment
Not yet started		

Priority 1: Monitor and Report on the Status of the Priority 1 Projects

Once the Priority 1 screen has been completed for at least 10% of the projects to be paired with, identify 6 of the highest cost projects and any potential impacts of concern. Review and monitor these projects on an annual basis by July 1, 2020.

Project	Project Title	Sample Date	Parameters	Results	Time of Project used
	Not yet started				

Part 1 Addition 2022 Program 2022

1 Assessment and Prioritization of Catchments data Appendix 2

Provide a list of all catchments with ranking results 2022 P basins may be used instead of final catchment delineations

1 Catchment 2022	2 Catchment 2022	3 2022
Not yet completed		

2 Output and Interconnection Screening and Simplified Appendix 2

2.1 Water screening and simplified data from outputs and interconnections

Provide sample data for output parameters where only is observed only include Potentially of concern data for outputs that discharge into stormwater bodies

Output 2	Altitude 2	Screening 2 sample date	Ammonia 2	Chlorine 2	Conductivity 2	Salinity 2	E. coli or enterococcus	Surfactants	Water Temp	Pollutant of concern	Required, follow up actions taken
Not yet started											

2.2 Water sample and inspection data

Provide sample data for outputs and key function parameters of any catchment area with at least one type of vulnerability factor

Output 2	Altitude 2	Sample date	Ammonia 2	Chlorine 2	Conductivity 2	Salinity 2	E. coli or enterococcus	Surfactants	Water Temp	Pollutant of concern
Not yet started										



System Vulnerability Factor Summary

Where α is:

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Function molecule drug detector screening and simplification

Function molecule	Substance	Screening sample date	Isuolol evidence of illicit discorde	Ammonia	Chlorine	Substances
Not yet started						

Get detector in the station out of simplification

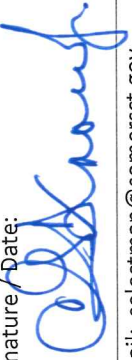
Output	Substance	Sample date	Ammonia	Chlorine	Substances
Not yet started					

For each illicit discorde resource confirmed through the document investigation procedure

Discorde location	Source location	Discorde description	Method of discorde	Date of discorde	Date of elimination	Mitigation or enforcement action	Estimated volume of discorde removed



Part IV: Certification

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in this document or its attachments may be punishable as a criminal offense, in accordance with Section 22a-6 of the Connecticut General Statutes, pursuant to Section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute."	
Chief Elected Official or Principal Executive Officer	Document Prepared by
Print name:	Print name:
C. G. Knorr, Jr., First Selectman	Julianne Busa, PhD – Fuss & O'Neill
Signature / Date:	Signature / Date:
	
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