

Year 3 Annual Report
Massachusetts Small MS4 General Permit
Reporting Period: July 1, 2020-June 30, 2021

Please DO NOT attach any documents to this form. Instead, attach all requested documents to an email when submitting the form

Unless otherwise noted, all fields are required to be filled out. If a field is left blank, it will be assumed the requirement or task has not been completed. Please ONLY report on activities between July 1, 2020 and June 30, 2021 unless otherwise requested.

Part I: Contact Information

Name of Municipality or Organization: Town of Hampden

EPA NPDES Permit Number: MAR041009

Primary MS4 Program Manager Contact Information

Name: Mark Langone Title: Highway Superintendent

Street Address Line 1: 589 Main Street

Street Address Line 2:

City: Hampden State: MA Zip Code: 01036

Email: highway@hampdenma.gov Phone Number: (413) 566-8842

Stormwater Management Program (SWMP) Information

SWMP Location (web address): <https://www.hampdenma.gov/stormwater-committee/links/town-hampden-stormwater-management-plan>

Date SWMP was Last Updated: Jun 30, 2021

If the SWMP is not available on the web please provide the physical address:

SWMP is posted online and is also available at the Highway Dept office at 589 Main Street in Hampden, MA

Part II: Self-Assessment

First, in the box below, select the impairment(s) and/or TMDL(s) that are applicable to your MS4. Make sure you are referring to the most recent EPA approved Section 303(d) Impaired Waters List which can be found here: <https://www.epa.gov/tmdl/region-1-impaired-waters-and-303d-lists-state>

Impairment(s)

- Bacteria/Pathogens Chloride Nitrogen Phosphorus
 Solids/ Oil/ Grease (Hydrocarbons)/ Metals

TMDL(s)

- In State:* Assabet River Phosphorus Bacteria and Pathogen Cape Cod Nitrogen
 Charles River Watershed Phosphorus Lake and Pond Phosphorus
- Out of State:* Bacteria/Pathogens Metals Nitrogen Phosphorus

Clear Impairments and TMDLs

Next, check off all requirements below that have been completed. **By checking each box you are certifying that you have completed that permit requirement fully.** If you have not completed a requirement leave the box unchecked. Additional information will be requested in later sections.

Year 3 Requirements

- Inspected and screened all outfalls/interconnections (excluding Problem and Excluded outfalls)
- Updated outfall/interconnection priority ranking based on the information collected during the dry weather inspections as necessary
- Post-construction bylaw, ordinance, or other regulatory mechanism was updated and adopted consistent with permit requirements

Optional: If you would like to describe progress made on any incomplete requirements listed above, provide any additional information, and/or if any of the above year 3 requirements could not be completed due to the impacts of COVID-19, please identify the requirement that could not be completed, any actions taken to attempt to complete the requirement, and reason the requirement could not be completed below:

Annual Requirements

- Provided an opportunity for public participation in review and implementation of SWMP and complied with State Public Notice requirements
- Kept records relating to the permit available for 5 years and made available to the public
- The SSO inventory has been updated, including the status of mitigation and corrective measures implemented
 - This is not applicable because we do not have sanitary sewer
 - This is not applicable because we did not find any new SSOs

- The updated SSO inventory is attached to the email submission
- The updated SSO inventory can be found at the following website:

- Properly stored and disposed of catch basin cleanings and street sweepings so they did not discharge to receiving waters
- Provided training to employees involved in IDDE program within the reporting period
- All curbed roadways were swept at least once within the reporting period
- Updated system map due in year 2 as necessary
- Enclosed all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
- Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities
- Updated inventory of all permittee owned facilities as necessary
- O&M programs for all permittee owned facilities have been completed and updated as necessary
- Implemented all maintenance procedures for permittee owned facilities in accordance with O&M programs
- Implemented program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- Inspected all permittee owned treatment structures (excluding catch basins)

Optional: If you would like to describe progress made on any incomplete requirements listed above, provide any additional information, and/or if any of the above annual requirements could not be completed due to the impacts of COVID-19, please identify the requirement that could not be completed, any actions taken to attempt to complete the requirement, and reason the requirement could not be completed below:

The planned public presentation on updates to the SWMP was made at the Stormwater Committee meeting on August 19, 2021 due to the summer meeting schedule and COVID related concerns regarding public gatherings earlier in the year. The August 2021 Stormwater Committee meeting was attended by 25 members of the public. The SWMP was made available for public review and comment online throughout the reporting period.

Bacteria/ Pathogens (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable) Annual Requirements

*Public Education and Outreach**

- Annual message was distributed encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- Permittee or its agents disseminated educational material to dog owners at the time of issuance or renewal of dog license, or other appropriate time
- Provided information to owners of septic systems about proper maintenance in any catchment that discharges to a water body impaired for bacteria

* Public education messages can be combined with other public education requirements as applicable (see Appendix H and F for more information)

Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

Nitrogen (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)

Annual Requirements

*Public Education and Outreach**

- Distributed an annual message in the spring (April/May) that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release fertilizers
- Distributed an annual message in the summer (June/July) encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- Distributed an annual message in the fall (August/September/October) encouraging the proper disposal of leaf litter

* *Public education messages can be combined with other public education requirements as applicable (see Appendix H and F for more information)*

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

- Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.a.iii.(c) to a minimum of two times per year (spring and fall)

Potential structural BMPs

Any structural BMPs listed in Table 3 of Attachment 1 to Appendix H already existing or installed in the regulated area by the permittee or its agents was tracked and the nitrogen removal by the BMP was estimated consistent with Attachment 1 to Appendix H. The BMP type, total area treated by the BMP, the design storage volume of the BMP and the estimated nitrogen removed in mass per year by the BMP were documented.

- The BMP information is attached to the email submission
- The BMP information can be found at the following website:

The Town has not installed any structural stormwater BMPs within the regulated area since the permit effective date of July 1, 2017.

Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

As described in the Good Housekeeping O&M Plan, there is only one Town owned and operated structural stormwater BMP within the MS4 regulated area, an infiltration basin located at the Police Station, which was installed prior to the permit effective date of July 1, 2017.

Optional: Use the box below to provide any additional information you would like to share as part of your self-assessment:

Under the direction of the Town of Hampden's Stormwater Committee, the Town continues to proactively meet the requirements of the MS4 permit. The Stormwater Committee meets regularly to discuss the Town's stormwater management program elements, such as implementation of the revisions to the stormwater bylaw

passed at Town Meeting in 2021, and such meetings are publicly noticed in accordance with state requirements and open to the public for attendance and participation. The initial dry weather outfall screening program was completed in PY2; dry weather key junction manhole catchment investigations scheduled to start in PY3 were postponed until September 2021 due to wet weather and staffing limitations. The Town has been implementing the O&M Plan and SWPPPs, has proactively completed the regulatory reports due in PY4, and will continue to actively manage stormwater in the MS4 area through the Stormwater Committee.

Part III: Receiving Waters/Impaired Waters/TMDL

Have you made any changes to your lists of receiving waters, outfalls, or impairments since the NOI was submitted?

- Yes
- No

If yes, describe below, including any relevant impairments or TMDLs:

Receiving waters and impairments were updated after the adoption of the Massachusetts Year 2016 Integrated List of Waters in PY2 to reflect the new designation of the Scantic River as a Category 5 water impaired by E. Coli, and the list of outfalls was updated in PY2 to reflect updated information collected during the dry weather outfall investigation completed in PY2. The priority ranking of outfalls and catchments list was updated based on the results of the dry weather outfall screening completed in PY2. The updated inventory and priority ranking are available in the SWMP.

Part IV: Minimum Control Measures

Please fill out all of the metrics below. If applicable, include in the description who completed the task if completed by a third party.

MCM1: Public Education

Number of educational messages completed **during this reporting period:** 12

*Below, report on the educational messages completed **during this reporting period**. For the measurable goal(s) please describe the method/measures used to assess the overall effectiveness of the educational program.*

BMP: Pet Waste Reminder

Message Description and Distribution Method:

Message reminding pet owners of the importance of proper pet waste disposal posted to the Stormwater Committee web page: <https://www.hampdenma.gov/stormwater-committee/news/pet-waste-reminder>

Targeted Audience: Residents

Responsible Department/Parties: Stormwater Committee

Measurable Goal(s):

Message has been posted since August 2020

Message Date(s): Posted on August 4, 2020

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP: Get Wise About Leaf Litter Flyer

Message Description and Distribution Method:

Flyer describing proper leaf litter disposal methods: https://www.hampdenma.gov/sites/g/files/vyhlif656/f/uploads/pvpc_crswc_leaf_litter_flyer_1_page.pdf and a more in depth handout on managing leaves and yard trimmings: https://www.hampdenma.gov/sites/g/files/vyhlif656/f/uploads/managing_leaves_and_yard_waste.pdf have been posted on the Stormwater Committee website

Targeted Audience: Residents

Responsible Department/Parties: Stormwater Committee

Measurable Goal(s):

Flyers have been posted on the Stormwater Committee webpage since August of 2019

Message Date(s): August 2019 to present

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP: Spring Lawn Care Message

Message Description and Distribution Method:

Spring Lawn Care Message posted by the Stormwater Committee on the Stormwater Committee website to remind homeowners to be mindful of fertilizer, herbicide, and lawn chemical usage: <https://www.hampdenma.gov/stormwater-committee/news/spring-lawn-care-message>, along with a Lawn Maintenance brochure: https://www.hampdenma.gov/sites/g/files/vyhlif656/f/uploads/donttrashthegrass_2020.pdf and fertilizer use reminder: https://www.hampdenma.gov/sites/g/files/vyhlif656/f/uploads/lawn_maintenance.pdf

Targeted Audience: Residents

Responsible Department/Parties: Stormwater Committee

Measurable Goal(s):

Message and brochure have been posted since May 1, 2020

Message Date(s): May 1, 2020 to present

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

Lawn care message was added in 2020 to address potential increase in yard maintenance associated with additional time at home due to COVID-19 gathering and travel restrictions

BMP: A Homeowner's Guide to Septic Systems

Message Description and Distribution Method:

A guide to homeowner septic system maintenance and a septic smart flyer developed by EPA were posted on the Stormwater Committee website: https://www.hampdenma.gov/sites/g/files/vyhlif656/f/uploads/2020_epa_septic_system_homeowner_guide.pdf, https://www.hampdenma.gov/sites/g/files/vyhlif656/f/uploads/2020_epa_septicsmart.png

Targeted Audience: Residents

Responsible Department/Parties: Stormwater Committee

Measurable Goal(s):

The brochure and flyer have been posted on the Stormwater Committee webpage since May of 2020

Message Date(s): May 1, 2020 to present

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

The E. Coli impairment was added to the Scantic River after the development of the NOI

BMP: MS4 Educational Video

Message Description and Distribution Method:

The Stormwater Committee developed an MS4 educational YouTube video to provide general program information for Town residents and businesses: <https://www.hampdenma.gov/stormwater-committee/links/2021-ms4-educational-video>

Targeted Audience: Residents, Businesses, institutions and commercial facilities, and Developers

Responsible Department/Parties: Stormwater Committee

Measurable Goal(s):

YouTube video, which is linked on the Stormwater Committee page, has been viewed 30 times to date

Message Date(s): April 12, 2021 to present

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP: Town of Hampden Stormwater Permit Process Flowchart for Residential Projects

Message Description and Distribution Method:

Flow chart to help residents determine the applicability of their projects under the requirements of the local stormwater bylaw was posted in Town Hall started on April 1, 2020 and made available for handout at the Building Inspector's office

Targeted Audience: Residents, Developers (construction)

Responsible Department/Parties: Building Inspector

Measurable Goal(s):

Flow chart has been on display and available for handout since April of 2020

Message Date(s): April 1, 2020 to present

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

This message was added to help clarify the local stormwater permitting process for residents

BMP: Pet Waste Flyers

Message Description and Distribution Method:

Pet waste management informational flyers continued to be distributed with dog licenses in the Town Clerk's office

Targeted Audience: Residents

Responsible Department/Parties: Town Clerk, Stormwater Committee

Measurable Goal(s):

120 pet waste management flyers were issued with dog licenses during the reporting period

Message Date(s): April 1, 2021 - June 30, 2021

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP: Car Maintenance and Washing

Message Description and Distribution Method:

Flyers on fixing car leaks to prevent stormwater pollution: https://www.hampdenma.gov/sites/g/files/vyhlif656/f/uploads/car_maintenance.pdf and proper car washing methods: https://www.hampdenma.gov/sites/g/files/vyhlif656/f/uploads/car_wash.pdf have been posted on the Stormwater Committee website

Targeted Audience: Residents and Businesses, institutions and commercial facilities

Responsible Department/Parties: Hwy Dept., Select Board, Town Clerk, Planning Bd., Stormwater Committee

Measurable Goal(s):

Flyers posted on Stormwater Committee website starting in March of 2019

Message Date(s): March 2019 - present

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP: Preventing Stormwater Pollution: A Food Industry Guide**Message Description and Distribution Method:**

Posted link to PVPC flyer on how food-related businesses can implement BMPs to prevent water pollution:
https://www.hampdenma.gov/sites/hampdenma/files/uploads/food_industry_guide.pdf

Targeted Audience: Businesses, institutions and commercial facilities

Responsible Department/Parties: Hwy Dept., Select Board, Town Clerk, Planning Bd.

Measurable Goal(s):

Flyer posted on Stormwater Committee website starting in March of 2019

Message Date(s): March 2019 - present

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP: What Developers Can Do**Message Description and Distribution Method:**

Posted US EPA flyer, "What you can do as a Developer," with information on BMPs for developers to use to prevent stormwater pollution, on Stormwater Committee website

Targeted Audience: Developers (construction)

Responsible Department/Parties: Hwy Dept., Select Board, Town Clerk, Planning Bd., Stormwater Committee

Measurable Goal(s):

Flyer posted on Stormwater Committee website starting in March of 2019

Message Date(s): March 2019 - present

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP: Preventing Stormwater Pollution: A Guide for Businesses

Message Description and Distribution Method:

PVPC flyer on how businesses can seasonally minimize impacts to stormwater pollution has been posted on the Stormwater Committee website: https://www.hampdenma.gov/sites/g/files/vyhlif656/f/uploads/business_guide.pdf. A targeted mailing to business owners was sent in August of 2021.

Targeted Audience: Businesses, institutions and commercial facilities

Responsible Department/Parties: Stormwater Committee, Hwy Dept., Select Board, Planning Bd, Town Clerk

Measurable Goal(s):

Brochure has been posted on the Stormwater Committee webpage since August of 2019

Message Date(s): August 2019 - present

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP: Stormwater and the Construction Industry

Message Description and Distribution Method:

Large poster on stormwater and the construction industry continues to be displayed in Town Hall

Targeted Audience: Developers (construction)

Responsible Department/Parties: Stormwater Committee, Planning Board, Town Clerk, Select Board

Measurable Goal(s):

Poster has been on display since 2014

Message Date(s): 2014 - present

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

[Add an Educational Message](#)

MCM2: Public Participation

Describe the opportunity provided for public involvement in the development of the Stormwater Management Program (SWMP) **during this reporting period**:

The planned public presentation on the SWMP at a Stormwater Committee meeting was postponed due to concerns on public gatherings due to COVID, and held on August 19, 2021. The public presentation included outreach on the recently adopted revisions to the stormwater bylaw, and was publicly noticed in the local newspaper. 25 members of the public attended the meeting, and participated in a question and answer session to provide feedback on the bylaw and implementation of the Town's SWMP. The SWMP was made available for public review and comment online and at the Highway Department office throughout the reporting period.

Was this opportunity different than what was proposed in your NOI? Yes No

Describe any other public involvement or participation opportunities conducted **during this reporting period**:

Regular Stormwater Committee meetings resumed after the restrictions on gatherings due to COVID were lifted. A roadside clean-up day was held on April 24, 2021 for Earth Day, resulting in collection of 10 large bags of trash.

In 2019, the annual Hazardous Waste Collection Day was replaced with a program in which residents of Hampden can drop off household hazardous waste at NEDT facilities in Westfield and Sutton year-round.

MCM3: Illicit Discharge Detection and Elimination (IDDE)

Sanitary Sewer Overflows (SSOs)

Check off the box below if the statement is true.

This SSO section is NOT applicable because we DO NOT have sanitary sewer

Below, report on the number of SSOs identified in the MS4 system and removed during this reporting period.

Number of SSOs identified: 0

Number of SSOs removed: 0

MS4 System Mapping

Optional: Provide additional status information regarding your map:

Catchment delineations were updated and key junction manholes were identified as part of the start of catchment investigations in PY3.

Screening of Outfalls/Interconnections

If conducted, please submit any outfall monitoring results from this reporting period. Outfall monitoring results should include the date, outfall/interconnection identifier, location, weather conditions at time of sampling, precipitation in previous 48 hours, field screening parameter results, and results from all analyses. Please also include the updated inventory and ranking of outfalls/interconnections based on monitoring results.

- No outfalls were inspected
- The outfall screening data is attached to the email submission
- The outfall screening data can be found at the following website:

Outfall screening data from PY2 is included in Appendix F of the SWMP: <https://www.hampdenma.gov/stormwater-committee/links/town-hampden-stormwater-management-plan>

*Below, report on the number of outfalls/interconnections screened **during this reporting period**.*

Number of outfalls screened: 0

*Below, report on the percent of outfalls/interconnections screened **to date**.*

Percent of outfalls screened: 100

Optional: Provide additional information regarding your outfall/interconnection screening:

All accessible and known outfalls within the MS4 regulated area were screened during PY2.

Catchment Investigations

If conducted, please submit all data collected during this reporting period as part of the dry and wet weather investigations. Also include the presence or absence of System Vulnerability Factors for each catchment.

- No catchment investigations were conducted
- The catchment investigation data is attached to the email submission
- The catchment investigation data can be found at the following website:

[Redacted]

*Below, report on the number of catchment investigations completed **during this reporting period**.*

Number of catchment investigations completed this reporting period: 0

*Below, report on the percent of catchments investigated **to date**.*

Percent of total catchments investigated: 0

Optional: Provide any additional information for clarity regarding the catchment investigations below:

There are no problem outfalls or catchments identified in Hampden. Based on the relatively low density of development within the urbanized area of Hampden, stormwater system networks are small with few key junction manholes. Investigations of high priority catchments based on updated outfall ranking were started in September 2021 with dry weather key junction manhole screening, as described in the Town's Catchment Investigation Procedure.

IDDE Progress

If illicit discharges were found, please submit a document describing work conducted over this reporting period, and cumulative to date, including location source; description of the discharge; method of discovery; date of discovery; and date of elimination, mitigation, or enforcement OR planned corrective measures and schedule of removal.

- No illicit discharges were found
- The illicit discharge removal report is attached to the email submission
- The illicit discharge removal report can be found at the following website:
[Redacted]

Below, report on the number of illicit discharges identified and removed, along with the volume of sewage removed during this reporting period.

Number of illicit discharges identified: 0

Number of illicit discharges removed: 0

Estimated volume of sewage removed: 0 gallons/day

Below, report on the total number of illicit discharges identified and removed to date. At a minimum, report on the number of illicit discharges identified and removed since the effective date of the permit (July 1, 2018).

Total number of illicit discharges identified: 0

Total number of illicit discharges removed: 0

Optional: Provide any additional information for clarity regarding illicit discharges identified, removed, or planned to be removed below:

No illicit discharges were identified during the reporting period.

Employee Training

Describe the frequency and type of employee training conducted **during this reporting period**:

In June of 2021, Highway Department employees viewed the PVPC Connecticut River Stormwater Committee's Good Housekeeping and IDDE training modules on YouTube: https://youtu.be/lc_1eJE76f0.

MCM4: Construction Site Stormwater Runoff Control

Below, report on the construction site plan reviews, inspections, and enforcement actions completed during this reporting period.

Number of site plan reviews completed: 8

Number of inspections completed: 24

Number of enforcement actions taken: 0

Optional: Enter any additional information relevant to construction site plan reviews, inspections, and enforcement actions:

All single family residences under construction, with areas to be disturbed ranging from 1,200 sf to 40,000 sf, have been inspected and followed by the Building Commissioner through the construction process. The only issues have been keeping up with the new residential driveways as we have had significant rainfall this year. The Owners have all responded favorably to any verbal direction for maintaining and managing any runoff situations that have occurred and limited the runoff damage to our roadways.

MCM5: Post-Construction Stormwater Management in New Development and Redevelopment

As-built Drawings

Below, report on the number of as-built drawings received during this reporting period.

Number of as-built drawings received: 0

Optional: Enter any additional information relevant to the submission of as-built drawings:

Street Design and Parking Lots Report

Describe the status of the street design and parking lots assessment due in year 4 of the permit term, including any planned or completed changes to local regulations and guidelines:

The street design and parking lots assessment (titled "Street Design and Parking Lot Guidelines Assessment") was completed in PY3 and is included in Appendix F of the SWMP. Timelines for implementation of recommended changes to local regulations and guidelines will be developed in PY4 by the Stormwater Committee in coordination with the Planning Board, Select Board, Conservation Commission, and Fire Department.

Green Infrastructure Report

Describe the status of the green infrastructure report due in year 4 of the permit term, including the findings and progress towards making the practice allowable:

The green infrastructure report (titled "Green Infrastructure Regulatory Review") was completed in PY3 and is included in Appendix F of the SWMP. Timelines for implementation of recommended changes to local regulations and guidelines will be developed in PY4 by the Stormwater Committee in coordination with the Planning Board, Select Board, and Conservation Commission.

Retrofit Properties Inventory

Describe the status of the inventory, due in year 4 of the permit term, of permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas and report on any properties that have been modified or retrofitted:

A preliminary retrofit inventory was completed in PY3 and is included in Appendix F of the SWMP. As described in the report, as there are no Town-owned properties within the MS4 regulated area, the Town will focus on identifying stormwater improvement opportunities during roadway projects, particularly those adjacent to the Scantic River.

MCM6: Good Housekeeping

Catch Basin Cleaning

*Below, report on the number of catch basins inspected and cleaned, along with the total volume of material removed from the catch basins **during this reporting period**.*

Number of catch basins inspected: 435

Number of catch basins cleaned: 435

Total volume or mass of material removed from all catch basins: 39.24 tons

Below, report on the total number of catch basins in the MS4 system.

Total number of catch basins: 435

If applicable:

Report on the actions taken if a catch basin sump is more than 50% full during two consecutive routine inspections/cleaning events:

No catch basin sums were found to be more than 50% full during 2 consecutive routine inspections/cleanings. In the event that a catch basin sump is found to be more than 50% full during 2 consecutive routine inspections/cleanings, the Town will investigate the contributing drainage area for sources of excessive sediment loading and abate contributing sources when possible.

Street Sweeping

*Report on street sweeping completed **during this reporting period** using one of the three metrics below.*

Number of miles cleaned: 26.16

Volume of material removed: [Select Units]

Weight of material removed: [Select Units]

Stormwater Pollution Prevention Plan (SWPPP)

*Below, report on the number of site inspections for facilities that require a SWPPP completed **during this reporting period**.*

Number of site inspections completed: 4

Describe any corrective actions taken at a facility with a SWPPP:

Quarterly SWPPP inspections at the Highway Garage and Transfer Station did not identify any outstanding issues in need of immediate corrective actions. Regular maintenance of the swale at the Transfer Station and parking area at the Highway Garage should continue to take place.

Additional Information

Monitoring or Study Results

Results from any other stormwater or receiving water quality monitoring or studies conducted during the reporting period not otherwise mentioned above, where the data is being used to inform permit compliance or permit effectiveness must be attached.

Not applicable

The results from additional reports or studies are attached to the email submission

The results from additional reports or studies can be found at the following website(s):

If such monitoring or studies were conducted on your behalf or if monitoring or studies conducted by other entities were reported to you, a brief description of the type of information gathered or received shall be described below:

Additional Information

Optional: Enter any additional information relevant to your stormwater management program implementation during the reporting period. Include any BMP modifications made by the MS4 if not already discussed above:

COVID-19 Impacts

Optional: If any of the above year 3 requirements could not be completed due to the impacts of COVID-19, please identify the requirement that could not be completed, any actions taken to attempt to complete the requirement, and reason the requirement could not be completed below:

Activities Planned for Next Reporting Period

Please confirm that your SWMP has been, or will be, updated to comply with all applicable permit requirements including but not limited to the year 4 requirements summarized below. (Note: impaired waters and TMDL requirements are not listed below)

Yes, I agree

- Develop a report assessing current street design and parking lot guidelines and other local requirements within the municipality that affect the creation of impervious cover
- Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist
- Identify a minimum of 5 permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious areas

Annual Requirements

- Annual report submitted and available to the public
- Annual opportunity for public participation in review and implementation of SWMP
- Keep records relating to the permit available for 5 years and make available to the public
- Properly store and dispose of catch basin cleanings and street sweepings so they do not discharge to receiving waters
- Annual training to employees involved in IDDE program
- Update inventory of all known locations where SSOs have discharged to the MS4
- Continue public education and outreach program
- Update outfall and interconnection inventory and priority ranking and include data collected in connection with the dry weather screening and other relevant inspections conducted
- Implement IDDE program
- Review site plans of construction sites as part of the construction stormwater runoff control program
- Conduct site inspection of construction sites as necessary
- Inspect and maintain stormwater treatment structures
- Log catch basins cleaned or inspected
- Sweep all curbed streets at least annually
- Continue investigations of catchments associated with Problem Outfalls
- Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities

- Review inventory of all permittee owned facilities in the categories of parks and open space, buildings and facilities, and vehicles and equipment; update if necessary
- Review O&M programs for all permittee owned facilities; update if necessary
- Implement all maintenance procedures for permittee owned facilities in accordance with O&M programs
- Implement program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- Enclose all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
- Review as-built drawings for new and redevelopment to ensure compliance with post construction bylaws, regulations, or regulatory mechanism consistent with permit requirements
- Inspect all permittee owned treatment structures (excluding catch basins)

Provide any additional details on activities planned for permit year 4 below:

Part V: Certification of Small MS4 Annual Report 2021

40 CFR 144.32(d) Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name:

Robert Markel

Title: Town Administrator

Signature:

Date: 09/27/21

[Signatory may be a duly authorized representative]