

# **Year 4 Annual Report**

## **Massachusetts Small MS4 General Permit**

### **Reporting Period: July 1, 2021-June 30, 2022**

***\*\*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, 2021 and June 30, 2022 unless otherwise requested.*

## Part I: Contact Information

Name of Municipality or Organization: DIGHTON

EPA NPDES Permit Number: MAR041105

### **Primary MS4 Program Manager Contact Information**

Name: Nancy J. Goulart

Title: Chairman, Stormwater Committee

Street Address Line 1: 979 Somerset Avenue

Street Address Line 2:

City: Dighton

State: MA Zip Code: 02715

Email: [ngoulart@comcast.net](mailto:ngoulart@comcast.net)

Phone Number: (508) 669-6431

## **Stormwater Management Program (SWMP) Information**

SWMP Location (web address): <https://dighton-ma.gov>

Date SWMP was Last Updated: 6/30/22

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

## 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>

<b>Impairment(s)</b>				
<input checked="" type="checkbox"/> Bacteria/Pathogens <input type="checkbox"/> Chloride <input type="checkbox"/> Nitrogen <input type="checkbox"/> Phosphorus <input type="checkbox"/> Solids/ Oil/ Grease (Hydrocarbons)/ Metals				
<b>TMDL(s)</b>				
<i>In State:</i>	<input type="checkbox"/> Assabet River Phosphorus	<input type="checkbox"/> Bacteria and Pathogen	<input type="checkbox"/> Cape Cod Nitrogen	
	<input type="checkbox"/> Charles River Watershed Phosphorus	<input type="checkbox"/> Lake and Pond Phosphorus		
<i>Out of State:</i>	<input type="checkbox"/> Bacteria/Pathogens	<input type="checkbox"/> Metals	<input type="checkbox"/> Nitrogen	<input type="checkbox"/> Phosphorus
<b>Clear Impairments and TMDLs</b>				

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 4 Requirements

Developed a report assessing current street design and parking lot guidelines and other local requirements within the municipality that affect the creation of impervious cover, made it available as part of the SWMP, and:

- No updates were recommended
- Updates were recommended. The anticipated date or date of completion for updates is/was:

Developed a report assessing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist, made it available as part of the SWMP, and:

- No updates were recommended
- Updates were recommended. The anticipated date or date of completion for updates is/was:

Identified a minimum of 5 permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious cover

*Optional:* If you would like to describe progress made on any incomplete requirements listed above, provide an update on previous incomplete milestones, or provide any additional details, please use the box below:  
 The town did not develop reports as mentioned in the first two items above. The Planning Board, Zoning Board of Appeals, and Stormwater Committee each review plans that include street design, parking lots, etc. and focus on creating less impervious surfaces. Green infrastructure is part of our collective review process. We encourage as much green infrastructure as practicable.

Five town-owned properties for potential modification or retrofit with BMPs to reduce impervious cover are the transfer station, Lane Field playground, old police station grounds, library, and conservation parking areas.

#### 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:
- Updated system map due in year 2 as necessary
- Provided training to employees involved in IDDE program within the reporting period
- Properly stored and disposed of catch basin cleanings and street sweepings so they did not discharge to receiving waters
- All curbed roadways were swept at least once within the reporting period
- 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 or provide any additional details, please use the box below:

Approximately only 33% of roadways were swept during reporting year (RY22). The remainder were swept after 7/1/22. Scheduling issues within the department led to not completing all of the sweeping.

#### **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:

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

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### **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:

## 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:** 3

*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: Town of Dighton - Preventing Stormwater Pollution**

Message Description and Distribution Method:

Brochure explains what stormwater runoff is; why it's a problem; effects of pollution; ways to prevent stormwater pollution - lawn and garden maintenance, pet waste, pesticides, fertilizers, septic system maintenance, and disposal of hazardous waste; car washing/degreasing; drawing of what happens when it rains and picks up pollutants. Besides the brochure, we gave out jar lid grippers with town seal and logo "Get a grip on stormwater," shopping bags and 2022 calendars with town seal and logo, "Be the solution to stormwater pollution," and chip clips with message "Freshness Tool - Keep your fresh water fresh not polluted."

Targeted Audience: All ages, general public, businesses

Responsible Department/Parties: Stormwater Committee, Town Clerk

Measurable Goal(s):

Public response was very good.

Message Date(s): July 10, 2021 - November 27, 2021 - June 4, 2022 These dates were all outside events.

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**:

None due to continued concerns about COVID.

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**: Opportunities limited due to COVID.

### **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:*

Working on putting the system map on GIS.

#### **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:

*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: 0

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

No outfalls screened. Students from Bristol County Aggie School were not allowed to do the inspections as in the past.

### **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:

*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:*

No NEW catchment investigations. Percent previously identified same at 100%.

### **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:

On April 8, 2022, there was an illicit discharge on top of a town-owned, underground stormwater management system. A Redi-Mix concrete truck was washed out and the contents were allowed to spill onto the ground. The town has taken action and will continue to follow this matter through RY23. The system will be repaired or replaced at the expense of the

violator. We expect this to be completed and will report it fully in our RY23 report.

Note: The town was notified of two discharges - one a leaking oil truck, and one a spill at the high school. They were reported directly to the DEP. We were notified of these events but the town did not have to take action. The SWC noted them for the record.

*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:

## Employee Training

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

Regular OJT for employees annually plus additional for new hires.

## 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: 42

Number of inspections completed: 77

Number of enforcement actions taken: 1

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

All plans that propose land disturbance in excess of 35,000 sq. ft. require a stormwater permit. All plans reviewed by stormwater agent (who is a P.E.) and the building commissioner. The Stormwater Committee (SWC) conducted 12 site visits and posted site visit notes to the SWC website at [www.dighton-ma.gov](http://www.dighton-ma.gov). Individual site visits were made by members of the SWC that totaled 65.

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

### **Ordinance or Regulatory Mechanism**

Date update was completed (due in year 3): Updates continue annually as needed.

### **As-built Drawings**

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

Number of as-built drawings received: 1

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

We have multiple ongoing projects. As-built plans are required at the end of a project before the Certificate of Completion is issued.

### **Retrofit Properties Inventory**

Below, list the permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas (at least 5):

Transfer station, Lane Field playground, old police station grounds, library, animal control parking area, and conservation parking areas.

## **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: 0

Number of catch basins cleaned: 0

Total volume or mass of material removed from all catch basins: 0

[Select Units]

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

Total number of catch basins: 784

*If applicable:*

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

### **Street Sweeping**

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

Number of miles cleaned:

Volume of material removed: 103.5 cubic yards

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: 20

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

1. Solar farm under construction ordered to pump stormwater basins because they did not drain properly followed by digging up basins and ordering them to be reconstructed based on original approved plans.
2. Two-solar farm complex violated wetlands. We ordered an immediate shutdown. Required restoration plan to be drawn and approved by the Conservation Commission and the SWC. Wetlands were restored with exception of vernal pool which will be cleaned shortly. We required that ALL employees be trained on what wetland markings mean, no touch zones, buffer zones, so they would avoid similar mistakes.

### **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:

Once again we worked with the Taunton Conservation Commission regarding a condo development in Taunton along the Segreganset River that is the town/city boundary. This was reported in RY21 but after the number of 3-unit buildings was reduced and we thought the matter was settled, the developer presented plans to build the 3-unit building that was previously removed from the plan. This occurred in RY22. Monitoring was done by officials from Taunton. Dighton attended Taunton Conservation Committee meetings to get revisions to the plans for this last 3-unit building.

**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 4 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:

As mentioned on pages 6 and 7, absences due to COVID affected our ability to complete all of the work we would normally have done during the reporting period. Students were not allowed to do inspections.

The three events during which we provided information to the public regarding stormwater were held outside so that there was adequate space and plenty of fresh air.

**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 5 requirements summarized below. (Note: impaired waters and TMDL requirements are not listed below)

Yes, I agree

#### 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)
- Identify additional permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious areas so that the permittee maintains a minimum of 5 sites in their inventory, until such a time when the permittee has less than 5 sites remaining

Provide any additional details on activities planned for permit year 5 below:

We now have four housing projects and five solar farms in various stages. The SWC has made and will continue to make site visits as necessary to ensure that our bylaw and regulations are being followed. We are continuing to work with the Taunton Conservation Commission (TCC) regarding one of the housing developments that has proposed 135 homes in Dighton with a stormwater basin in Taunton. Dighton has objected to the proposal before the TCC because no board in Dighton has approved any plans for the development and the SWC has not seen plans to determine if it will allow stormwater to leave the site into another municipality. We work closely with the Dighton Conservation Commission (DCC) on issues regarding solar farms and illegal dumping/filling.

A portion of an old mill, formerly a cotton cloth finishing site, is being converted into a marijuana grow facility. The existing interior/exterior stormwater drainage system has been reviewed and some upgrades are required. In addition, two parking lots that have old impervious pavement will be converted into packed gravel

lots to further facilitate drainage.

We will continue to monitor the construction project at the Bristol County Agricultural High School. We expect work to be completed during RY23, as-built plans completed, and a Certificate of Completion issued. Illegal dumping/filling in an old railroad bed will continue to be worked on until all issues are resolved. MA DEP has inspected the site and we await its report, recommendations, and any action it plans to take against the violator(s).

Educational Message (Bottom of Page 6):

"BE THE SOLUTION TO STORMWATER POLLUTION"

## 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: Nancy J. Goulart

Title: Chairman, Stormwater Committee

Signature: Nancy J. Goulart

Digitally signed by Nancy J.  
Goulart  
Date: 2022.09.27 23:21:45 -0400

Date:

*[Signatory may be a duly authorized  
representative]*