

Year 5 Annual Report
Massachusetts Small MS4 General Permit
New Permittees
Reporting Period: July 1, 2022-June 30, 2023

Please DO NOT attach any documents to this form. Instead, attach all requested documents to an email when submitting the form. Also ensure any websites included on this form are publicly accessible

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, 2022 and June 30, 2023 unless otherwise requested.

Part I: Contact Information

Name of Municipality or Organization:

EPA NPDES Permit Number:

Primary MS4 Program Manager Contact Information

Name:

Title:

Street Address Line 1:

Street Address Line 2:

City:

State:

Zip Code:

Email:

Phone Number:

Stormwater Management Program (SWMP) Information

SWMP Location (web address):

Date SWMP was Last Updated:

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

Please note that the SWMP is posted under the "Related Links" subheading of the "Engineering" section of the website linked above. Devens updated its stormwater management plan in September 2023 to reflect achievements made in Permit Year 5 and will be posting the report on their website for a period of review.

Part II: Self-Assessment

First, in the box below, select the impairment(s) and/or TMDL(s) that are applicable to your MS4.

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 5 Requirements

- ☒ Completed Phase I of system mapping

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:

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 publicly available website:
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- ☒ Updated the outfall and interconnection inventory and priority ranking as necessary
- ☒ The priority ranking of outfalls/interconnections is attached to the email submission
 - ☐ The priority ranking of outfalls/interconnections can be found at the following website:

-
- ☒ 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:

The Permit Year 5 update for Devens' Stormwater Management Plan has been drafted and will be finalized and posted for a period of public review in September 2023.

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:

Phosphorus (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 and phosphorus-free 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 already existing or installed in the regulated area by the permittee or its agents was tracked and the phosphorus removal by the BMP was estimated consistent with Attachment 3 to Appendix F. The BMP type, total area treated by the BMP, the design storage volume of the BMP and the estimated phosphorus 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:

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:

Phase 1 of the Phosphorus Source Identification Report has been drafted and will be finalized in Permit Year 6.

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

Devens does not currently have any impaired water bodies with an approved TMDL for phosphorus. Devens does have direct discharges to water bodies that are impaired for phosphorus or that are tributary to water bodies that are impaired for phosphorus without an approved TMDL. Appendix H requires Devens to track and estimate the amount of phosphorus removed by structural BMPs installed as a result of the BMP retrofit analysis to be conducted as part of the Phosphorus Source Identification Report for the Nashua River watershed, which must be completed by the end of Permit Year 6. As required by the permit, at least one structural BMP must be installed by the end of Permit Year 8. Appendix H does not require permittees to estimate the amount of phosphorus removed by existing structural BMPs -- that is only a requirement for permittees discharging to a waterbody with an existing TMDL for phosphorus and therefore not applicable to Devens. However, once Devens begins installation of structural BMPs as identified as part of their Phosphorus Source Identification Report, they will track and estimate the phosphorus removed by the BMP consistent with Attachment 3 to Appendix F.

Under their updated post-construction stormwater management regulations (974 CMR), Devens will be tracking phosphorus removal attributable to structural BMPs on private developments. This effort will ensure that phosphorus reduction requirements are being met for new development and redevelopment, and will be useful should a TMDL be approved for the phosphorus-impaired waterbodies in Devens.

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? 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>

☒ Yes

☐ No

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

Any updates as they relate to receiving waters, outfalls and impairments are reflected in the latest version of Devens' SWMP dated June 2023.

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:**

*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: Webpage

Message Description and Distribution Method:

The Devens Enterprise Commission continued to maintain stormwater information on its website. The information is on the "Devens Residents" page under the "Living Green: Resources for Devens Residents and Businesses" subheading: <http://www.devensec.com/residents.html>. Information is also posted on the DEC's "News and Events" page under the subheading "Devens Stormwater Management Education and Awareness Initiative": <https://www.devensec.com/news.html>. Flyers are posted on the News and Events page specifically targeting Devens residents and business owners in the Nashua River watershed.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

The DEC website was maintained during Permit Year 5. Overall, the Devens Resident's page had 354 views during Permit Year 5 and the Devens News and Events page had 1078 views.

Message Date(s):

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: Web page/Handout

Message Description and Distribution Method:

The Devens Enterprise Commission continued to maintain stormwater-related materials, documentation, regulations, and procedures on their website during the reporting period. All regulations specific to developers and industrial facilities are easily accessible on the "Development Services" page of the DEC website: <http://www.devensec.com/devserv.html>. Additional information continued to be provided on the "Sustainable Devens" page: <http://www.devensec.com/sustain.html>, and the DEC's Green Infrastructure Guidelines were posted to the website as well distributed to some prospective developers in person: <http://www.devensec.com/>

development/Green_Infrastructure_Guidelines_Final_8-12-14.pdf

Targeted Audience: Developers (construction), Industrial facilities

Responsible Department/Parties: MassDevelopment (Operations/Engineering)/Devens Enterprise Commission

Measurable Goal(s):

By continuing to make this information available on its website, Devens informs potential developers of the environmental requirements associated with construction in the Devens Enterprise Zone, raising awareness of Low-Impact Development and Green Infrastructure practices.

Message Date(s): Permit Year 5

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: Web Page

Message Description and Distribution Method:

Devens maintained the Devens Community website during the permit term, which provides educational information to residents, business owners, and prospective developers. The website includes direct links to Devens' Stormwater Management Rules & Regulations, flyers discussing proper pet waste, yard waste, and leaf litter disposal, and a stormwater pollution prevention guide for homeowners. The stormwater webpage is located under the "Engineering" heading at this link: <https://www.devenscommunity.com/live/>

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

Responsible Department/Parties: MassDevelopment

Measurable Goal(s):

The website was maintained and available to the public throughout the permit year. During Permit Year 5, DevensCommunity.com accumulated a total of 21,807 visitors. The live webpage accumulated a total of 3,017 visitors and the news webpage accumulated a total of 1,873 visitors

Message Date(s): Permit Year 5

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: Social Media

Message Description and Distribution Method:

The Devens Enterprise Commission has active Facebook and Twitter pages, which were used to spread

educational information about stormwater management, climate change, and nature-based solutions during the reporting period. These posts are intended for multiple target audiences, as they range in topic from sustainable housing to the Devens' Complete Streets policy to the Devens Climate Action Toolkit for Businesses.

Targeted Audience: Residents, Businesses, institutions, and commercial facilities, Developers (construction)

Responsible Department/Parties: DEC

Measurable Goal(s):

The DEC Facebook page has 352 followers, and the Twitter page has 58 followers. The social media postings reached these followers during the permit year

Message Date(s): Permit Year 5

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: Virtual Course

Message Description and Distribution Method:

DEC created a green infrastructure training course for Devens DPW and hosted a ½ day training session class and field trip on November 4, 2022 to learn about low-impact development techniques, see them first-hand, and teach DPW maintenance crews about the unique management/ maintenance requirements for various installations including porous pavement, bio-filtration landscape islands, reinforced turf, grass-lined swales, and subsurface infiltration systems.

Targeted Audience: Businesses, Institutions and Commercial Facilities; Developers (construction)

Responsible Department/Parties: MassDevelopment/Devens Enterprise Commission

Measurable Goal(s):

Approximately 8 staff members attended the Green Infrastructure Training Course.

Message Date(s): Permit Year 5

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: Messaging with Pet Licenses

Message Description and Distribution Method:

Devens continued to include an insert regarding proper pet waste collection and disposal with the issuance and renewal of dog licenses. Pet waste collection bags were also distributed with dog license applications. Devens also continued to maintain and empty four pet waste disposal bins located along popular walking routes. The bins are emptied on Mondays and Fridays

Targeted Audience: Residents

Responsible Department/Parties: MassDevelopment

Measurable Goal(s):

Devens issued 47 dog licenses with the accompanying educational information during the reporting period.

Message Date(s): Permit Year 5

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: Web Page**Message Description and Distribution Method:**

The DEC partnered with Now Communities (developer), Tufts University, Nitsch Engineering, Devens DPW, Engineering and Fire to develop a pilot green and complete street design for a future approved new subdivision road (Goddard Street – part of the Emerson green Development). This green and complete street incorporated many nature-based solutions and low-impact development techniques and is expected to be implemented as part of the next phase of this development: https://www.devensec.com/news/Devens_FinalReport_OnlineVersion.pdf. The report featured educational guidebooks specifically tailored for the general public, Developers and Planners, and Public Works. These are available at the DEC website. <https://www.devensec.com/sustain.html>.

Targeted Audience: Developers (construction)

Responsible Department/Parties: Devens Enterprise Commission

Measurable Goal(s):

By making this information available on its website, Devens informs potential developers of the environmental requirements associated with construction in the Devens Enterprise Zone, raising awareness of Low-Impact Development and Green Infrastructure practices.

Message Date(s): Permit Year 5

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: Web Page

Message Description and Distribution Method:

Devens continued to maintain access to its green infrastructure guidelines through the Apple Country Natural Climate Solutions Project Report, which was developed in conjunction with Harvard and Bolton, MA under an initiative funded by the Municipal Vulnerability Preparedness (MVP) program: <https://climateresilient.wixsite.com/applecountry/project-story>

Targeted Audience: Developers (construction)

Responsible Department/Parties: MassDevelopment/Devens Enterprise Commission

Measurable Goal(s):

By continuing to make this information available on its website, Devens informs potential developers of the environmental requirements associated with construction in the Devens Enterprise Zone, raising awareness of Low-Impact Development and Green Infrastructure practices.

Message Date(s): Permit Year 5

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:**

Devens keeps their SWMP posted on their website for public review year-round. Hard copies of the SWMP are also kept at the MassDevelopment offices, the DEC office, and at the Department of Public Works.- Devens' MS4 Annual Reports for Years 1, 2, 3, & 4 are also maintained on their website.

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:**

Devens continued to provide public access to the recycling drop-off at the DPW facility and to provide access

to the Regional Household Hazardous Products Collection Center during the reporting period, encouraging residents and business owners to properly handle all hazardous waste leaving their property. Yard waste was again collected on a weekly basis between April 1 and November 30 during the reporting period.

Devens also continued to participate in the Eco-Efficiency Center, providing programs to assist local businesses in reducing the amount of waste they generate and the associated disposal costs, such as the Great Exchange program. Devens is in the planning stages of developing a stormwater-based curriculum for students in conjunction with the Nashua River Watershed Association. This curriculum will be developed and implemented in future permit years. Additionally, MassDevelopment holds monthly meetings with the Devens Committee, or a group representing the residents of Devens, and informs them of any projects, recently completed reports, or other items related to the MS4 Permit.

On Friday, April 21, 2023 and in recognition of Earth Day, twelve employees from Jabil participated in a roadway clean up of MacPherson Road in Devens. Devens DPW provided trash pickers, bags, and gloves. Trash was picked up, bagged, and removed by Devens DPW.

Devens also participated in the Nashua River Watershed Association, attending multiple meetings and participating as a voting member to the Wild and Scenic River Stewardship Council.

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:

Number of SSOs removed:

*Below, report on the total number of SSOs identified in the MS4 system and removed to date. At a minimum, report SSOs identified **since the effective date of the permit (July 1, 2018)**.*

Total number of SSOs identified:

Total number of SSOs removed:

MS4 System Mapping

Below, check all that apply.

The following elements of the Phase I map have been completed:

- ☒ Outfalls and receiving waters
- ☒ Open channel conveyances
- ☒ Interconnections
- ☒ Municipally-owned stormwater treatment structures
- ☒ Waterbodies identified by name and indication of all use impairments
- ☒ Initial catchment delineations

Optional: Describe any additional progress you made on your map during this reporting period or provide additional status information regarding your map:

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:

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

Percent of outfalls screened:

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

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:

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

Percent of total catchments investigated:

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

The SVF Matrix is attached to this e-mail submission.

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:

*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:

Number of illicit discharges removed:

Estimated volume of sewage removed: 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:

Total number of illicit discharges removed:

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**:

During Permit Year 5, employee training was held in person on June 29, 2023.

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: 7

Number of inspections completed: 90

Number of enforcement actions taken: 12

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

The DEC processed 7 applications and permitted 6 Unified Permit/Site Plan reviews during the reporting period. One application was withdrawn without prejudice. The DEC conducted over 90 site inspections. There were approximately 12 that required corrective actions for construction projects, however the majority were fixed without having to issue a formal enforcement action.

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

Ordinance or Regulatory Mechanism

Date ordinance was completed (due in year 3): May 25, 2021

Website of ordinance or regulatory mechanism:

<https://devensec.com/rules-regs/decregs810.html>

As-built Drawings

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

Number of as-built drawings received: 9

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

Devens' existing regulations, prior to the updates in Year 3 required the submission of as-built drawings at the completion of construction and required long term operation and maintenance plans for on-site stormwater management systems to be submitted prior to project approval. No changes were made to these measures during Permit Year 4 or 5.

Street Design and Parking Lots Report

Describe the status of the street design and parking lots assessment including any planned or completed changes to local regulations and guidelines:

Devens requires and incorporates LID practices for all public and private stormwater management projects where feasible. The Devens Enterprise Commission has parking maximums in place, as opposed to the minimums that other communities impose, as well as a Transportation Demand Management Program to reduce parking. 974 CMR 2.07, Street Design Standards, includes additional street types to reduce pavement and support LID. Sustainable indicators, such as impervious surface reductions from the incorporation of LID on private development projects, are monitored and tracked. The required street design and parking lots

assessment report was drafted in Permit Year 5 and will be finalized in Permit Year 6.

Green Infrastructure Report

Describe the status of the green infrastructure report including the findings and progress towards making the practice allowable:

Devens continues to use and improve on green infrastructure guidelines to guide, regulate, and incentivize green infrastructure on all development and redevelopment projects: https://devensec.com/development/Green_Infrastructure_Guidelines_Final_8-12-14.pdf

Impervious surface reductions in Devens are monitored in Sustainable Indicators Reports, and LID practices are required for stormwater management projects where feasible. Devens will develop the required green infrastructure report was drafted in Permit Year 5 and will be finalized in Permit Year 6.

Retrofit Properties Inventory

Describe the status of the inventory 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:

Devens will begin to assemble the retrofit properties inventory in Permit Year 6, as outlined in the SWMP, and as required in the permit for new permittees. Some overlap may exist between this retrofit property inventory and the list of retrofit projects developed to meet the terms of the settlement with CLF, discussed above. Many retrofit projects implemented to date, including road diets on Pine Road, Grant Road, Hospital Road, Lovell Street, the Bristol-Meyers Squibb (BMS) parking structure, and at the military redevelopment on Barnum Road; porous pavement at CMTC and Tara Vista; and other LID projects have mitigated impervious area within the Devens Enterprise Zone.

As part of the Hospital Road road reconstruction project, three existing separate drainage branches from Hospital Road, Elliot Road and Perimeter Road were replaced (deep sump catch basins were added) and were combined into one network, which conveys stormwater into a new infiltration basin and provides required recharge, attenuation of peak flows, and water quality treatment. Two outfalls discharging directly to Catacoonamug Brook, which flows into the Nashua River, which is impaired for phosphorus, were eliminated as part of this effort.

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:

Number of catch basins cleaned:

Total volume or weight of material removed from all catch basins:

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

Total number of catch basins: *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: ☐ Weight of material removed: **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:

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

DPW staff conducted one (1) site inspection during Permit Year 5 during a wet weather event.

DEC conducted 52 site inspections that involved some level of inspection of the stormwater treatment train of new and existing facilities. Approximately 20 of these occurred during wet weather.

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. If any of the above year 5 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:

In February, the Devens Enterprise Commission, acting as the Board of Health for the Devens Regional Enterprise Zone, issued an order establishing a Temporary Moratorium on private wells and use of ground water for irrigation. This was done to limit exposure to PFAS but it also acts as a water conservation measure, encourages the use of drought tolerant landscaping, and also reduces the number of penetrations into groundwater aquifers, thereby helping reduce potential conduits for contamination.

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 6 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
- Continue public education and outreach program
- Update inventory of all known locations where SSOs have discharged to the MS4
- Sweep all curbed roadways at least once within the reporting period
- Annual training to employees involved in IDDE program
- Clean catch basins in accordance with catch basin cleaning procedures to ensure that no catch basin is greater than 50% full
- Review site plans of construction sites as part of the construction stormwater runoff control program
- Conduct site inspections of construction sites as necessary
- Inspect and maintain stormwater treatment structures
- Log catch basins cleaned or inspected

- Sweep all curbed streets at least annually
- Implement 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
- Enclose all road salt storage piles or facilities and implement 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

Provide any additional details on activities planned for permit year 6 below:

Part VI: Certification of Small MS4 Annual Report 2023**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:

John P. Marc-Aurele, PE

Title: Director of Engineering

Signature:



Date:

9/27/23

[Signatory may be a duly authorized representative]