Year 7 Annual Report Massachusetts Small MS4 General Permit

Reporting Period: July 1, 2024-June 30, 2025

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 to publicly accessible sites

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, 2024 and June 30, 2025 unless otherwise requested.

Part I: Contact Information

Name o	f Municipality or Organization: Brid	dgewater Sto	ate Univ	ersity			
EPA NI	PDES Permit Number: MAR042027						
Primary	y MS4 Program Manager Contac	t Informati	on				
Name:	Jame: Karen Jason			Vice Pr	esident of	^c Operations	S
Street A	Address Line 1: Division of Operation	ons					
Street A	Address Line 2: Boyden Hall, 131 Su	ımmer Stree	t, Room	216			
City:	Bridgewater S	State: MA Zip Code: 02325					
Email:	nil: kjason@bridgew.edu			Phone Number: (508) 531-2750			
Stormw	vater Management Program (SWI	MP) Inform	ation				
SWMP	Location (publicly available web ac	ddress): <i>http</i>	s://www	.bridge	w.edu/offi	ce/stormwa	ter-management
Date SV	VMP was Last Updated: 2025-04-1	5					
If the S	WMP is not available on the web pl	ease provide	e the phy	sical ac	ldress:		
Office o	of Environmental Health and Safety	(Operations	s Center,), 200 G	Freat Hill .	Drive, Rooi	m 221

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:

Impairment((s)			
	✓ Bacteria/Pathogens	☐ Chloride	✓ Nitrogen	✓ Phosphorus
	☐ Solids/ Oil/ Grease (Hy	drocarbons)/ Metals	•	— 1
	•			
TMDL(s)			· 1D 4	
In State:	☐ Assabet River Phospho		ria and Pathogen	☐ Cape Cod Nitrogen
	☐ Charles River Watersho	ed Phosphorus	☐ Lake and Pond	Pnospnorus
Out of State:	☐ Bacteria/Pathogens	☐ Metals	☐ Nitrogen	☐ Phosphorus
			Cle	ear Impairments and TMDLs
you have com	ff all requirements below the specific point of the specific point of the specific point of the specific point of the specific points of	nent fully. If you hav	ve not completed a re	ch box you are certifying that equirement leave the box
Year 7 Requir	rements			
☐ Compl	leted catchment investigation	ns associated with P	roblem Outfalls	
1 1 -	leted catchment investigation ted sewer input	ns where informatio	n gathered on the out	tfall/interconnection
Annual Requi	irements			
✓ Provid with S	led an opportunity for public tate Public Notice requirement	e participation in revents	iew and implementat	tion of SWMP and complied
✓ Kept re	ecords relating to the permit	available for 5 year	rs and made available	to the public
The SS implem	SO inventory has been updamented	ted, including the sta	atus of mitigation and	l corrective measures
•	O This is not applicable by	ecause we do not ha	ave sanitary sewer	
	• This is not applicable b		*	
	O The updated SSO inver	ntory is attached to t	he email submission	
	O The updated SSO inver	ntory can be found a	at the following publi	cly available website:
☐ Update	ed system map due in year 1	0 with information	from completed catch	nment investigations
✓ Provid	led training to employees in	volved in IDDE prog	gram within the repor	rting period
V	ly stored and disposed of caing waters	tch basin cleanings	and street sweepings	so they did not discharge to

Public Education and Outreach* Annual message was distributed encouraging the proper management of pet we existing ordinances where appropriate Permittee or its agents disseminated educational material to dog owners at the renewal of dog license, or other appropriate time Provided information to owners of septic systems about proper maintenance is discharges to a water body impaired for bacteria This is not applicable because there are no septic systems present * Public education messages can be combined with other public education required Appendix F and H for more information) Optional: If you would like to describe progress made on any incomplete requirementary additional details, please use the box below:	e time of issuance or in any catchment that frements as applicable (see
Public Education and Outreach* Annual message was distributed encouraging the proper management of pet we existing ordinances where appropriate Permittee or its agents disseminated educational material to dog owners at the renewal of dog license, or other appropriate time Provided information to owners of septic systems about proper maintenance is discharges to a water body impaired for bacteria ▼ This is not applicable because there are no septic systems present * Public education messages can be combined with other public education requires.	e time of issuance or n any catchment that
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Public Education and Outreach* Annual message was distributed encouraging the proper management of pet w	vaste, including noting any
	
Annual Requirements	
Bacteria/ Pathogens (Combination of Impaired Waters Requirements and TMDL R	equirements as Applicable
Wet weather screening for the IDDE program was conducted in year 7. Catchment information gathered on the outfall/interconnection indicated sewer input will be co	9
Optional: If you would like to describe progress made on any incomplete requirement any additional details, please use the box below:	nts listed above or provide
✓ Inspected all permittee owned treatment structures (excluding catch basins)	large of politicality
✓ programs✓ Implemented program for MS4 infrastructure maintenance to reduce the disch	parge of pollutants
Implemented all maintenance procedures for permittee owned facilities in acc	•
✓ O&M programs for all permittee owned facilities have been completed and up	odated as necessary
✓ Updated inventory of all permittee owned facilities as necessary	
All curbed roadways were swept at least once within the reporting period Enclosed all road salt storage piles or facilities and implemented winter road implemented SWPPPs for all permittee owned or operated maintenance garage transfer stations, and other waste handling facilities	

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 F and H 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)
Structural BMPs
Installed a structural BMP as a demonstration project within the drainage area of the water quality limited water or its tributaries. The type of BMP installed is (<i>e.g. biofiltration</i>):
Any structural BMPs listed in Attachment 3 to Appendix F 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 3 to Appendix F. 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.
No BMPs were installed
○ The above referenced BMP information is attached to the email submission
The above referenced BMP information can be found at the following publicly available website:
Total estimated nitrogen removed in lbs/year from the installed BMPs: θ
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) encouraging the proper use and disposal of grass clippings and encouraging 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)

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)
Structural BMPs
Installed a structural BMP as a demonstration project within the drainage area of the water quality limited water or its tributaries. The type of BMP installed is (<i>e.g. biofiltration</i>):
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.
No BMPs were installed
O The above referenced BMP information is attached to the email submission
The above referenced BMP information can be found at the following publicly available website:
Total estimated phosphorus removed in lbs/year from the installed BMPs: 0
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:
Optional: Use the box below to provide any additional information you would like to share as part of your self-assessment:

Part III: Receiving Waters/Impaired Waters/TMDL

Have you m	ade any	changes to	your lists (of receiving	waters,	outfalls,	or impairme	ents since the	NOI was
submitted?									
	• Yes								
	O No								

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

Under the 2018/2020 and 2022 303(d) list, Town River (MA62-13) impairments include Non-native Aquatic Plants, Benthic Macroinvertebrates, and Enterococcus and have been elevated to a category 5. The list also indicates Taunton River (MA62-02) Phosphorus and Nitrogen are elevated to a category 5 and Phosphorus has been added to the pre-existing Enterococcus and Fecal Coliform. Impairments to Mount Hope Bay and South Brook remain unchanged. BSU was tracked the 303(d) list updates and has made adjustments to MS4 permit documents as needed to reflect the Final 2022 303(d) list.

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	l messages completed	during this repo	rting period: 5.00000000
1 tunneer of educational	i incobages completed	auting this repor	ting period. S. 0000000

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.

Message Description and Distribution Method:
Email and pamphlets with educational material on stormwater management, nitrogen, and pathogen-related naintenance practices for stormwater management sent in BSU's Community Announcements to all faculty and staff
Fargeted Audience: Businesses, institutions and commercial facilities
Responsible Department/Parties: EH&S - Patricia Delaney
Measurable Goal(s):
Inspection of campus grounds during routine maintenance by Facilities Management staff will be used to assess the overall effectiveness of the educational program.
Message Date(s): 11/7/2024-11/26/2024, 3/25/2025-4/24/2025
Message Completed for: Appendix F Requirements ✓ Appendix H Requirements ✓ Vas this message different than what was proposed in your NOI? Yes ○ No •
f yes, describe why the change was made:
The messages were previously updated to reflect the phosphorus impairment and include language on how the arget audience can help reduce phosphorus in the watershed.
3MP:School Curricula / Programs
Aessage Description and Distribution Method:
Message Description and Distribution Method: BIOL117 - Spring
-
BIOL117 - Spring GEOG130 - Summer and Spring GEOG194 - Summer and Spring
BIOL117 - Spring GEOG130 - Summer and Spring
BIOL117 - Spring GEOG130 - Summer and Spring GEOG194 - Summer and Spring
BIOL117 - Spring GEOG130 - Summer and Spring GEOG194 - Summer and Spring SUST101 - Spring

Message Description and Distribution Method:

Educational information on stormwater issues and management provided on dedicated stormwater webpage on BSU's website. Note: All web content needs to be universally accessible prior to posting. Website will be continually updated with additional content as it becomes finalized.

Targeted Audience: | Faculty, Staff, Students, and Visitors

Responsible Department/Parties: EH&S - Patricia Delaney

Measurable Goal(s):

Bridgewater State University	Page
A webpage visits tracker will be used to assess the overall effectiveness of the e	ducational program.
Message Date(s): Webpage launched in June 2019 and updated throughout each	h reporting period.
Message Completed for: Appendix F Requirements Appendix H Requirements	uirements 🗹
Was this message different than what was proposed in your NOI? Yes O	10 •
If yes, describe why the change was made:	
BMP: Workshop Message Description and Distribution Method: Workshop targeting stormwater issues and the Stormwater Management Progre	am presented on campus.
Targeted Audience: Faculty, Staff, Students, and Visitors	
Responsible Department/Parties: EH&S - Patricia Delaney	
Measurable Goal(s):	
The number of attendees will be used to assess the overall effectiveness of the en	ducational program.
Message Date(s): 4/2/2025	
Message Completed for: Appendix F Requirements Appendix H Requirements	uirements 🗹
Was this message different than what was proposed in your NOI? Yes Yes	10 🔾
If yes, describe why the change was made: The workshop was incorporated with the Public Outreach and Participation Moinformation about why managing stormwater is important prior to reviewing elepening the meeting to questions and comments. This format was determined to effective to provide a more comprehensive experience for the attendees.	ements of the SWMP and
BMP: Mandela Washington Fellowship Message Description and Distribution Method:	
The cohort of Fellows hosted by Bridgewater State University will be part of a washington Fellows hosted at 28 educational institutions across the United State After their Leadership Institutes, Fellows will participate in the Mandela Washington will take part in networking and panel discussions with each other apublic, private, and nonprofit sectors.	tes. ington Fellowship Summit,
Targeted Audience: Young African Leaders Initiative (YALI)	

Responsible Department/Parties: Karen Jason, Division of Operations
Measurable Goal(s):
Panel discussion on educating youth leaders of the importance of proper stormwater management and the MS4 permit. The program has been a successfully attended reoccurring event.
Message Date(s): End of June into July of 2025
Message Completed for: Appendix F Requirements Appendix H Requirements
Was this message different than what was proposed in your NOI? Yes ⊙ No ○
f yes, describe why the change was made:
This opportunity was proposed in a Stormwater Committee meeting and has reoccurred following last years event.
MCM2: Public Participation Describe the opportunity provided for public involvement in the development of the Stormwater Management Program (SWMP) during this reporting period:
BSU held a public presentation on April 2, 2025. The presentation was held in person on campus and also hosted virtually via zoom. The presentation educated the public on stormwater runoff and how it effects local and regional waterbodies, the purpose of the MS4 permit, and the steps BSU has taken to achieve the permit goals. In addition, the presentation focused on ways the community can get involved through efforts such as
earth day cleanup and manging pet waste.
was this opportunity different than what was proposed in your NOI? Yes ○ No •

MCM3: Illicit Discharge Detection and Elimination (IDDE)

Employee Training

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

Wet weather screening was conducted in year 7. Catchment investigations will occur in year 8.

Bridgewater State University	Page
Employee training was performed in person on April 2, 2025.	
MCM4: Construction Site Stormwater Runoff Control	
Below, report on the construction site plan reviews, inspections, and enforcement actions c t <mark>his reporting period</mark> .	ompleted during
Number of site plan reviews completed: 1	
Number of inspections completed: θ	
Number of enforcement actions taken: 0	
Optional: Enter any additional information relevant to construction site plan reviews, inspending enforcement actions:	ections, and
The Burnell Hall project has been reviewed for conformance with the Construction Site Sto Control standards associated with MCM4.	
MCM5: Post-Construction Stormwater Management in New Develo Redevelopment	pment and
As-built Drawings Below, report on the number of as-built drawings received during this reporting period.	
Number of as-built drawings received: θ	
Optional: Enter any additional information relevant to the submission of as-built drawings:	
Street Design and Parking Lots Report	
Below, describe any changes made or planned to be made to local regulations and guidelin	es based on the

report completed in Year 4:

BSU is a non-traditional MS4; per Section 5.1.3. of the Permit non-traditional MS4s do not need to meet the

requirements of part 2.3.6., which includes the assessment of local regulations. BSU is subject to the design standards of the Town of Bridgewater for site and stormwater design and continues to coordinate with local officials on MS4 related matters. BSU's Stormwater Policy includes erosion control, low impact development techniques, and stormwater design criteria for campus projects including campus roadways and parking lots.

Green Infrastructure Report

Below, describe progress towards making green infrastructure practices allowable based on the report completed in Year 4:

BSU is a non-traditional MS4; per Section 5.1.3. of the Permit non-traditional MS4s do not need to meet the requirements of part 2.3.6., which includes the assessment of local regulations. BSU is subject to the design standards of the Town of Bridgewater for site and stormwater design and continues to coordinate with local officials on MS4 related matters.

BSU's Stormwater Policy encourages Green Infrastructure and low impact development techniques.

Retrofit Properties Inventory

Below, list remaining permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas (must maintain a minimum of 5 sites in inventory until less than 5 sites remain):

Spring Street parking lot is located off Plymouth Street in the northwest corner of campus and is used for BSU's commuter students. There is currently a wet basin on the northern border of the Spring Street parking lot. To capture and remove more nitrogen from BSU's MS4 system, the wet basin could be converted into a gravel wetland.

Harrington Hall and Woodward Hall are located on the southwest corner of BSU's campus. These buildings border an expansive parking lot for the students, faculty, and staff. The parking lot is also bordered by a wetland at its southwest corner. Bioretention basins are being considered to integrate into the new parking lot layout as islands, slowing down both traffic and stormwater runoff.

Another gravel wetland is being considered on the current Burrill Office Complex site located central to campus off Burrill Ave. The building is slated to be demolished and the offices relocated to another building. Because the site is in a low-lying flat area surrounded by wetlands with poorly draining soils, a gravel wetland

is being considered to allow for the natural wetlands to encroach and renew some ecological and hydrologic value in the site.

The Burnell Hall parking lot is located in the northern portion of campus off Hooper Street. This site was chosen for a BMP retrofit opportunity because it has an above average nitrogen loading rate due to its above average imperviousness. In this case, the existing wet pond at Burnell is proposed to be rehabilitated and

Below, list all properties that have been modified or retrofitted with BMPs to mitigate impervious area that
were inventoried as part of 2.3.6.d of the permit and the type of BMP(s) implemented. Non-MS4 owned
properties that have been modified or retrofitted with BMPs to mitigate impervious area may also be listed, but
must be indicated as non-MS4.

nust be indicated			

MCM6: Good Housekeeping

Catch Basin Cleaning

Below,	report on the num	ıber of catch basii	ns inspected and	'cleaned, a	along with the	e total volun	ne of materi	ial
remove	d from the catch b	pasins during this	reporting period	d.				

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

Total number of catch basins: 171.000000

If applicable:

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

If a catch basin sump was more than 50% full during two consecutive routine inspections, this information was shared with BSU to clean the catch basin and monitor the area to determine the cause of sediment accumulation.

Additional Note - The total number of Catch Basins between year 6 and year 7 has decreased. Mapping is continuously updated and the number of catch basins has been refined based on field observations. The maintenance reporting maps were

updated accordingly and will be further updated in Year 8.

Street Sweeping

Report on street sweeping completed during this reporting period using <u>one</u> of the three metrics below.

• Number of miles cleaned: 17.5000000	0
O Volume of material removed:	[Select Units]
O 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 o	of site inspection	s completed:	2.00000000
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Describe any corrective actions taken at a facility with a SWPPP:

Bridgewater State University	Page
No corrective actions were necessary.	
Additional Information	
Monitoring or Study Results Results from any other stormwater or receiving water quality monitoring or stu- reporting period not otherwise mentioned above, where the data is being used to permit effectiveness must be attached.	
 Not applicable The results from additional reports or studies are attached to the The results from additional reports or studies can be found at the website(s): 	
If such monitoring or studies were conducted on your behalf or if monitoring or entities were reported to you, a brief description of the type of information gathedescribed below:	
Additional Information	
Enter any additional information relevant to your stormwater management progreporting period. Include any BMP modifications made by the MS4 if not alread	

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 8 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 8 below:

Complete investigations of catchments where any information gathered during wet weather screening in Year 7 indicates potential sewer input.

Part V: Certification of Small MS4 Annual Report 2025

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:	KAREN JASON	Title: VICE PRESIDENT, OPERATION	5
Signature	[Signatory may be a duly authorized representative]	Date: 9/22/25	

Note: When prompted during signing, save the document under a new file name.

Annual Report Submission

Please submit the form electronically via email to both EPA and MassDEP by clicking on one of the links below or using the email addresses listed below. Please ensure that all required attachments are included in the email and not attached to this PDF.

EPA:

MassDEP:

Paper Signature:

If you did not sign electronically above, you can print the signature page by clicking the button below.

Print Signature Page

Optional: If you did not sign electronically above, you may lock the form by clicking the "Lock Form" button below which will prompt you to save the locked version of the form. Save this locked version under a new file name.

Lock Form