

**Year 1 Annual Report**  
**Massachusetts Small MS4 General Permit**  
**Reporting Period: May 1, 2018-June 30, 2019**

*\*\*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.*

**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:

Fax 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 and an explanation of why it is not posted on the web:

## 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 1 Requirements

- Develop and begin public education and outreach program
- Identify and develop inventory of all known locations where SSOs have discharged to the MS4 in the last 5 years
  - The SSO inventory is attached to the email submission
  - The SSO inventory can be found at the following website:
- Develop written IDDE plan including a procedure for screening and sampling outfalls
- IDDE ordinance complete
- Identify each outfall and interconnection discharging from MS4, classify into the relevant category, and priority rank each catchment for investigation
  - 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:
- Construction/ Erosion and Sediment Control (ESC) ordinance complete
- Develop written procedures for site inspections and enforcement of sediment and erosion control measures
- Develop written procedures for site plan review
- Keep a log of catch basins cleaned or inspected
- Complete inspection of all stormwater treatment structures

Annual Requirements

- Annual opportunity for public participation in review and implementation of SWMP
- Comply with State Public Notice requirements
- 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
- All curbed roadways have been swept a minimum of one time per year

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

#### Annual Requirements

##### *Public Education and Outreach\**

- Annual message encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- Permittee or its agents disseminate educational material to dog owners at the time of issuance or renewal of dog license, or other appropriate time
- Provide 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)*

### **Chloride**

#### Annual Requirements

##### *Public Education and Outreach*

- Include an annual message in November/ December to private road salt applicators and commercial industrial site owners on the proper storage and application rates of winter deicing material, along with the steps that can be taken to minimize salt use and protect local waterbodies

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

#### Annual Requirements

##### *Public Education and Outreach\**

- Distribute 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
- Distribute an annual message in the summer (June/July) encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- Distribute 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*

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

##### *Potential structural BMPs*

- Any structural BMPs listed in Table 3 of Attachment 1 to Appendix H already existing or installed in the regulated area by the permittee or its agents shall be tracked and the permittee shall estimate the
- nitrogen removal by the BMP consistent with Attachment 1 to Appendix H. Document 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 in each each annual report

## **Phosphorus (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)**

### Annual Requirements

#### *Public Education and Outreach\**

- Distribute 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
- Distribute an annual message in the summer (June/July) encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- Distribute 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*

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

#### *Potential structural BMPs*

- Any structural BMPs listed in Attachment 3 to Appendix F already existing or installed in the regulated area by the permittee or its agents shall be tracked and the permittee shall estimate the phosphorus
- removal by the BMP consistent with Attachment 1 to Appendix H. Document 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 in each each annual report

## **Solids, Oil and Grease (Hydrocarbons), or Metals**

### Annual Requirements

#### *Good Housekeeping and Pollution Prevention for Permittee Owned Operations*

- Increase street sweeping frequency of all municipal owned streets and parking lots to a schedule to target areas with potential for high pollutant loads
- Prioritize inspection and maintenance for catch basins to ensure that no sump shall be more than 50 percent full; Clean catch basins more frequently if inspection and maintenance activities indicate excessive sediment or debris loadings

## **Charles River Watershed Phosphorus TMDL**

- Begin Phase 1 Phosphorus Control Plan (PCP)

## **Lake and Pond Phosphorus TMDL**

- Begin Phase 1 Lake Phosphorus Control Plan (LPCP)

Use the box below to input additional details on any unchecked boxes above or any additional information you would like to share as part of your self assessment:

BSU tracks reports of SSOs on campus. There have been no known SSOs on campus within the last 20 years. As such, the SSO inventory attached to this submission does not have any entries.

BSU is a non-traditional MS4; therefore, an IDDE Policy has been completed.

BSU is a non-traditional MS4; therefore, a Construction/ESC Policy has been completed.

BSU conducts site plan review according to the following: Site Plan Review by the Town of Bridgewater, as well as other applicable town regulations and review procedures under the Zoning Bylaw and Wetlands Protection Act/Wetlands Bylaw. All BSU construction projects over 1 acre are also required to comply with the NPDES Construction General Permit, including the preparation of a Notice of Intent and a Stormwater Pollution Prevention Plan.

Catch basins were informally inspected. Facilities Management is in the process of labeling catch basins on campus and developing an inventory to track inspections going forward. A record of the catch basins cleaned is on file at the EH&S office.

Stormwater treatment structures were informally inspected. Facilities Management is in the process of labeling stormwater treatment structures on campus and developing an inventory to track inspections going forward.

BSU contracts out the cleaning of catch basins to remove oily water and dispose of it properly. However, no catch basins were cleaned during the reporting year due to the timing of contracts. Trash picked up from campus parking lots by Facilities Management is disposed of properly. Streets are swept by the Town of Bridgewater.

Facilities Management staff are trained annually for the following: pesticide and fertilizer management for licensed applicators on BSU staff, chemical hygiene training, and snow management training through MassDOT program. With the written IDDE Plan now completed, training will be developed and Facilities Management staff involved in the IDDE Program will be trained annually going forward.

The Town of Bridgewater routinely sweeps curbed roadways as part of its annual roadway maintenance program. The majority of streets on BSU's campus are owned by the Town of Bridgewater. BSU is planning to meet with the Town of Bridgewater in year 2 and will seek to partner with the Town on sweeping needs about the campus.

BSU does not issue dog licenses. BSU has a formalized Pet Policy and requires all new pet owners on-campus to sign the Pet Policy. BSU is also planning to provide and install pet waste management stations at walking trails on campus with educational messaging displayed on signage at the stations.

There are no septic systems on campus. The entire campus is on the Town of Bridgewater sewer system.

The Chloride requirements are not applicable for BSU.

The annual message encouraging the proper disposal of leaf litter was distributed with the message encouraging the proper use and disposal of grass clippings and the proper use of slow-release fertilizers to all faculty and staff on June 27th. BSU was notified by EPA via email on 03/13/19 that the Taunton River Watershed discharges to waterbodies tributary to water(s) impaired due to nitrogen (Mount Hope Bay) and therefore must adhere to the requirements in Appendix H Part I. As such, the timing of the messages were modified for this reporting period. Licensed applicators of pesticides and fertilizers on BSU staff are trained annually for pesticide and fertilizer management.

The Town of Bridgewater routinely sweeps streets a minimum of two times per year (spring and fall) as part of its annual roadway maintenance program. The majority of streets on BSU's campus are owned by the Town of Bridgewater. Campus parking lots are regularly inspected and cleaned for trash by Facilities Management. BSU is planning to meet with the Town of Bridgewater in year 2 and will seek to partner with the Town on sweeping needs about the campus.

Facilities Management is in the process of labeling structural stormwater BMPs on campus and developing an

inventory to track inspections going forward. Once the structural BMPs are mapped and inventoried, the estimated nitrogen removal of identified stormwater BMPs on campus that are listed in Table 3 of Attachment 1 to Appendix H will be calculated and reported.

The Phosphorus requirements are not applicable for BSU.

The Solids, Oil and Grease (Hydrocarbons), or Metals requirements are not applicable for BSU.

The Charles River Watershed Phosphorus TMDL requirements are not applicable for BSU.

The Lake and Pond Phosphorus TMDL requirements are not applicable for BSU.

### **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 the reporting period:

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

#### **BMP:Electronic Brochures/Handouts**

Message Description and Distribution Method:

Email and fliers with educational material on nitrogen-related maintenance practices for stormwater management sent in BSU's Community Announcements to all faculty and staff

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Targeted inspections by Facilities Management senior personnel will be used to assess the overall effectiveness of the educational program.

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:

BSU was notified by EPA via email on 03/13/19 that the Taunton River Watershed discharges to waterbodies tributary to water(s) impaired due to nitrogen (Mount Hope Bay) and therefore must adhere to the requirements in Appendix H Part I.

#### **BMP:Electronic Brochures/Handouts**

Message Description and Distribution Method:

Email and fliers with educational material on pathogen-related maintenance practices for stormwater management sent in BSU's Community Announcements to all faculty, staff, students, and visitors

Targeted Audience:

Responsible Department/Parties:

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): 6/27/19

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:School Curricula/Programs**

Message Description and Distribution Method:

School curricula/program including stormwater management/issues as a topic offered in various semesters:

SUST 101 - Sustainability (water management)

BIOL 420 - Limnology (stormwater monitoring)

CHEM 290 - Environmental Chemistry (water pollution)

Targeted Audience: Students

Responsible Department/Parties: Faculty

Measurable Goal(s):

The frequency and registration of classes will be used to assess the overall effectiveness of the educational program.

Message Date(s): SUST 101 offered Fall 2018 and Spring 2019, CHEM 290 offered in Spring 2019

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:Public Outreach Class**

Message Description and Distribution Method:

The Watershed Access Lab offers a class module called "Does This Parking Lot Look Green to You?" Educators can bring their middle school or high school students to learn about hydrology, stormwater runoff, and the use of low impact design for improving water quality. Several hundred students attend each year mostly from southeastern Massachusetts. The classes have operated for at least the past 5 years.

Targeted Audience: Visitors

Responsible Department/Parties: Watershed Access Lab, Faculty

## Measurable Goal(s):

The number of classes scheduled by educators each school year will be used to assess the overall effectiveness of the educational program.

Message Date(s): Scheduled by educators throughout the school year.

Message Completed for: Appendix F Requirements  Appendix H Requirements

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

If yes, describe why the change was made:

This public education outreach opportunity was shared by faculty during a Stormwater Committee meeting.

**BMP: Webpage**

## Message Description and Distribution Method:

Educational information on stormwater issues and management provided on dedicated stormwater webpage on BSU's website.

Targeted Audience: Faculty, staff, students, and visitors

Responsible Department/Parties: EH&S - Patricia Delaney

## Measurable Goal(s):

A webpage visits tracker will be used to assess the overall effectiveness of the educational program.

Message Date(s): Webpage launched in June 2019

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:

Webpage is still under development as all content needs to be universally accessible prior to posting. Additional content will be uploaded as it becomes finalized.

**BMP: Workshop**

## Message Description and Distribution Method:

Workshop targeting stormwater issues and the Stormwater Management Program 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 educational program.

Message Date(s): 05/02/19

Message Completed for: Appendix F Requirements  Appendix H Requirements

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

If yes, describe why the change was made:

The workshop was incorporated with the Public Outreach and Participation Meeting to provide background information about why managing stormwater is important prior to reviewing elements of the SWMP and opening the meeting to questions and comments. This format was determined to be more efficient and effective to provide a more comprehensive experience for attendees going forward.

Add an Educational Message

## MCM2: Public Participation

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

BSU Public Outreach and Participation Meeting was held on 05/02/19 on campus. The EH&S office phone number was provided to the BSU community at the meeting for follow-up questions and to report stormwater-related problems or concerns.

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

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

Stormwater Management Plan was made publicly available at EH&S Office.  
 Catch basins on BSU campus were reviewed to ensure stencil markings are visible.  
 Annual Earth Day clean-up involving administrators, faculty, staff, students, and campus fraternities was conducted at designated areas on campus.  
 BSU Stormwater Management Program Committee was created and met 4 times during the reporting period to review and evaluate the effectiveness of the SWMP and the education and engagement opportunities available to the BSU community relative to stormwater management.

## MCM3: Illicit Discharge Detection and Elimination (IDDE)

**Sanitary Sewer Overflows (SSOs)**

*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 2013.*

Total number of SSOs identified:

Total number of SSOs removed:

**MS4 System Mapping**

Describe the status of your MS4 map, including any progress made during the reporting period:

Mapped 100% of outfalls and receiving waters, interconnections with other MS4s and other storm sewer systems, some open channel conveyances, and some stormwater treatment structures and pipes.

**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.*

- 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 total outfalls/ interconnections screened to date.*

Percent of total outfalls screened:

**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.*

- 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 initial priority ranking of outfalls/interconnections was completed as part of the IDDE Program. Outfall/interconnection screening and dry weather sampling will begin in year 2. A draft of the written catchment investigation procedure has been started and will be completed by 12/31/19. There were no outfalls or interconnections classified as Problem in the initial ranking, therefore, catchment investigations will not begin until all outfalls/interconnections have been screened, sampled and re-prioritized by the end of year 3.

### **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.*

- 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:  [UNITS]

*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.*

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 the reporting period:

Facilities Management staff are trained annually on pesticide and fertilizer management for licensed applicators on BSU staff, chemical hygiene training, and snow management training through MassDOT program. Now that the IDDE Plan has been developed, training will be developed and Facilities Management staff involved in the IDDE Program will be trained annually going forward.

### **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:

Number of inspections completed:

Number of enforcement actions taken:

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

#### **Ordinance Development**

Describe the status of the post-construction ordinance required to be complete in year 2 of the permit term:

BSU will formalize the post-construction policy in year 2.

#### **As-built Drawings**

Describe the status of the measures the MS4 has utilized to require the submission of as-built drawings and ensure long term operation and maintenance of completed construction sites required to be complete in year 2 of the permit term:

BSU will formalize the measures to require the submission of as-built drawings and ensure long-term O&M of completed construction sites in year 2.

#### **Street Design and Parking Lots Report**

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

BSU will assess potential changes to street and parking lot design guidelines in years 3 and/or 4.

#### **Green Infrastructure Report**

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

As a non-traditional MS4, BSU is not required to meet the requirements of part 2.3.6.c.

### **Retrofit Properties Inventory**

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

BSU will evaluate campus properties that can be modified or retrofitted with BMPs to mitigate impervious areas in years 3 and/or 4.

## **MCM6: Good Housekeeping**

### **Catch Basin Cleaning**

Describe the status of the catch basin cleaning optimization plan:

The catch basin cleaning optimization plan is complete. Facilities Management is in the process of labeling cat

*If complete, attach the catch basin cleaning optimization plan or the schedule to gather information to develop the optimization plan:*

- The catch basin cleaning optimization plan or schedule is attached to the email submission
- The catch basin cleaning optimization plan or schedule can be found at the following website:

*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 mass 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**

Describe the status of the written procedures for sweeping streets and municipal-owned lots:

The written procedures for inspecting and cleaning campus parking lots is complete. Streets are regularly swept by the Town of Bridgewater as part of its annual roadway maintenance program. The majority of streets on BSU's campus are owned and swept by the Town of Bridgewater. The exception is Hooper Street and Great Hill Road (totaling 1.1+/- miles), which are owned by the Commonwealth. BSU is planning to meet with the Town of Bridgewater in year 2 and will seek to partner with the Town on sweeping needs about the campus. As a pollution prevention method, BSU does not sand the roadways or parking lots on campus. Therefore, accumulated sediments are significantly reduced.

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

- Number of miles cleaned:
- Volume of material removed:  [UNITS]
- Weight of material removed:  [UNITS]

*If applicable:*

For rural uncurbed roadways with no catch basins, describe the progress of the inspection, documentation, and targeted sweeping plan:

BSU is planning to meet with the Town of Bridgewater in year 2 to discuss sweeping of rural uncurbed roadways. Uncurbed roadways include the majority of Great Hill Road and the west side of Hooper Street (totaling 1.1+/- miles), which are owned by the Commonwealth. As a pollution prevention method, BSU does not sand the roadways or parking lots on campus. Therefore, accumulated sediments are significantly reduced.

### **Winter Road Maintenance**

Describe the status of the written procedures for winter road maintenance including the storage of salt and sand:

The written procedures for winter road maintenance including the storage of salt is complete.

### **Inventory of Permittee-Owned Properties**

Describe the status of the inventory, due in year 2 of the permit term, of permittee-owned properties, including parks and open spaces, buildings and facilities, and vehicles and equipment, and include any updates:

BSU will update and categorize the existing inventory of BSU properties in year 2.



**O&M Procedures for Parks and Open Spaces, Buildings and Facilities, and Vehicles and Equipment**

Describe the status of the operation and maintenance procedures, due in year 2 of the permit term, of permittee-owned properties (parks and open spaces, buildings and facilities, vehicles and equipment) and include maintenance activities associated with each:

BSU will review and update the O&M procedures for BSU properties in year 2.

**Stormwater Pollution Prevention Plan (SWPPP)**

Describe the status of any SWPPP, due in year 2 of the permit term, for permittee-owned or operated facilities including maintenance garages, public works yards, transfer stations, and other waste handling facilities where pollutants are exposed to stormwater:

BSU will review and update the SWPPP for BSU facilities where pollutants are exposed to stormwater in year 2. BSU has an active Spill Prevention and Countermeasures Control Plan that will be incorporated into the 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:

No spills were reported during the reporting year.

**O&M Procedures for Stormwater Treatment Structures**

Describe the status of the written procedure for stormwater treatment structure maintenance:

The written procedure for stormwater treatment structure maintenance is complete.

**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:

Used motor oil from BSU fleet vehicles is sent off-site for recycling.  
 Training is provided for all employees on proper spill clean-up.  
 Recyclable materials are managed through the campus Recycling Program.  
 It should be noted that there were no active construction projects on campus during Year 1 that required site plan review or inspections.  
 There were no formal inspections of catch basins as the Catch Basin Inspection and Cleaning Standard Operating Procedure was being developed during the reporting year. Facilities Management is also in the process of labeling catch basins on campus and developing an inventory to track inspections going forward. As a result, only informal catch basin inspections were carried out.  
 No catch basins were cleaned during the reporting year due to the timing of contracts. BSU contracts out the cleaning of catch basins to remove oily water and dispose of it properly. Catch basin cleaning was performed on 06/25/18, prior to the start of the reporting year, and then again in August 2019.

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

Yes, I agree

- Complete system mapping Phase I
- Begin investigations of catchments associated with Problem Outfalls
- Develop or modify an ordinance or other regulatory mechanism for post-construction stormwater runoff from new development and redevelopment
- Establish and implement written procedures to require the submission of as-built drawings no later than two years after the completion of construction projects

- Develop, if not already developed, written operations and maintenance procedures
- Develop an inventory of all permittee owned facilities in the categories of parks and open space, buildings and facilities, and vehicles and equipment; review annually and update as necessary
- Establish a written program detailing the activities and procedures the permittee will implement so that the MS4 infrastructure is maintained in a timely manner
- Develop and implement a written SWPPP for maintenance garages, public works yards, transfer stations, and other waste handling facilities where pollutants are exposed to stormwater
- Enclose or cover storage piles of salt or piles containing salt used for deicing or other purposes
- Develop, if not already developed, written procedures for sweeping streets and municipal-owned lots
- Develop, if not already developed, written procedures for winter road maintenance including storage of salt and sand
- Develop, if not already developed, a schedule for catch basin cleaning
- Develop, if not already developed, a written procedure for stormwater treatment structure maintenance
- Develop a written catchment investigation procedure (*18 months*)

### 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 in the last 5 years
- 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 uncurbed streets at least annually

Provide any additional details on activities planned for permit year 2 below:

Purchase and install pet waste management stations at walking trails on BSU campus. Display signage related to pathogen messaging at stations.

Facilities Management is in the process of labeling stormwater catch basins, manholes, and treatment structures on campus and developing inventory to track inspections going forward.

BSU is planning to meet with the Town of Bridgewater to coordinate efforts around street sweeping, winter road maintenance, catchment investigations, SSO reporting, laboratory sample analysis, training and other potential points of coordination.

IDDE program training will be developed now that the IDDE Plan is complete.

## Part V: Certification of Small MS4 Annual Report 2019

### 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:  Title:

Signature:  Date:

*[Signatory may be a duly authorized representative]*