

**Notice of Intent (NOI) for coverage under Small MS4 General Permit** Page 1 of 19

Part I: General Conditions

**General Information**

Name of Municipality or Organization:  State:

EPA NPDES Permit Number (if applicable):

**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:

**Other Information**

Stormwater Management Program (SWMP) Location (web address or physical location, if already completed):

**Eligibility Determination**

Endangered Species Act (ESA) Determination Complete?

Eligibility Criteria (check all that apply):  A  B  C

National Historic Preservation Act (NHPA) Determination Complete?

Eligibility Criteria (check all that apply):  A  B  C

Check the box if your municipality or organization was covered under the 2003 MS4 General Permit



		<input type="checkbox"/>								
		<input type="checkbox"/>								

Click to lengthen table

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**Part III: Stormwater Management Program Summary**

Identify the Best Management Practices (BMPs) that will be employed to address each of the six Minimum Control Measures (MCMs). For municipalities/organizations whose MS4 discharges into a receiving water with an approved Total Maximum Daily Load (TMDL) and an applicable waste load allocation (WLA), identify any additional BMPs employed to specifically support the achievement of the WLA in the TMDL section at the end of part III.

For each MCM, list each existing or proposed BMP by category and provide a brief description, responsible parties/departments, measurable goals, and the year the BMP will be employed (public education and outreach BMPs also requires a target audience). Use the drop-down menus in each table or enter your own text to override the drop down menu.

**MCM 1: Public Education and Outreach**

BMP Media/Category <small>(enter your own text to override the drop down menu)</small>	BMP Description	Targeted Audience	Responsible Department/Parties <small>(enter your own text to override the drop down menu)</small>	Measurable Goal	Beginning Year of BMP Implementation
Think Blue advertising campaign	Advertising campaign targeting MA urban residents	Visitors, students, and staff	Massachusetts Statewide Stormwater Coalition	Views in Central MA region	2018
Web Page	Create and maintain stormwater management page on Growing Green website	Visitors, students, and staff	Environmental Health & Safety, Sustainability	Website views	2019
Social Media Post	Social media post about pollution prevention with link to UMMS stormwater webpage	Visitors, students, and staff	Environmental Health & Safety, Sustainability	Followers Likes, shares, and comments	2019
Social Media Post	Social media post with Think Blue Massachusetts pet waste meme, "Do your doody".	Visitors, students, and staff	Environmental Health & Safety, Sustainability	Followers Likes, shares, and comments	2020
Brochures/Pamphlets	Distribute stormwater brochures at Earth Day event	Visitors, students, and staff	Environmental Health & Safety	Number of brochures distributed	2021
Guidelines	Provide Construction Policy and specifications to new construction contractors	Contractors	Facilities	Number of contractors reached	2021







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Part III: Stormwater Management Program Summary (continued)

MCM 3: Illicit Discharge Detection and Elimination (IDDE)

<b>BMP Categorization</b> <small>(enter your own text to override the drop down menu)</small>	<b>BMP Description</b>	<b>Responsible Department/Parties</b> <small>(enter your own text to override the drop down menu)</small>	<b>Measurable Goal</b> <small>(all text can be overwritten)</small>	<b>Beginning Year of BMP Implementation</b>
Sanitary Sewer Overflow (SSO) inventory	Develop SSO inventory in accordance with permit conditions	Environmental Health & Safety	Complete within 4 years of permit effective date (June 30, 2022)	2021
Storm sewer system map	Create map and update during IDDE program completion	Environmental Health & Safety	Prepare Phase 1 map within 5 years of permit effective date (June 30, 2023) and complete full system map within 13 years of permit effective date (June 30, 2031)	2019
Written IDDE program	Create written IDDE program	Environmental Health & Safety	Complete within 4 years of permit effective date (June 30, 2022) and update as required	2020
Catchment investigations	Implement catchment investigations according to program and permit conditions	Environmental Health & Safety	Complete within 13 years of permit effective date (June 30, 2031)	2021
Employee training	Add IDDE training to SPCC training events	Environmental Health & Safety	Train annually	2019
Dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	Environmental Health & Safety	Complete within 6 years of permit effective date (June 30, 2024)	2021
Wet weather screening	Conduct in accordance with outfall screening procedure	Environmental Health & Safety	Complete within 13 years of permit effective date (June 30, 2031)	2021
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	Environmental Health & Safety	Complete ongoing outfall screening upon completion of IDDE program	2023



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Part III: Stormwater Management Program Summary (continued)

MCM 4: Construction Site Stormwater Runoff Control

<b>BMP Categorization</b> <small>(enter your own text to override the drop down menu or entered text)</small>	<b>BMP Description</b>	<b>Responsible Department/Parties</b> <small>(enter your own text to override the drop down menu)</small>	<b>Measurable Goal</b> <small>(all text can be overwritten)</small>	<b>Beginning Year of BMP Implementation</b>
Construction Site Stormwater Runoff Control policy	Adopt construction policy requiring erosion and sediment control, and construction waste management for campus projects	Facilities	Complete within 3 years of permit effective date (June 30, 2021)	2020
Project design review	Perform internal reviews of project design work	Facilities	Continue to perform internal reviews	2018
Erosion and sediment control and construction waste management for campus projects	Develop Stormwater Pollution Prevention Plans (SWPPPs) for projects meeting > 1 acre land disturbance threshold	Facilities	Number of construction starts with SWPPPs	2018
Site inspections	Contractors perform site inspections in accordance with NPDES construction general permit requirements	Facilities	Number of construction starts with SWPPPs	2018



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Part III: Stormwater Management Program Summary (continued)

**MCM 5: Post-Construction Stormwater Management in New Development and Redevelopment**

<b>BMP Categorization</b> (enter your own text to override the drop down menu or entered text)	<b>BMP Description</b>	<b>Responsible Department/Parties</b> (enter your own text to override the drop down menu)	<b>Measurable Goal</b> (all text can be overwritten)	<b>Beginning Year of BMP Implementation</b>
As-built plans for on-site stormwater control	Require contractors to submit as-built plans	Facilities	Require submission of as-built plans for completed projects	2020
Target properties to reduce impervious areas	Identify at least 5 campus sites that could be modified or retrofitted with BMPs to reduce impervious areas	Facilities	Complete within 6 years of permit effective date (June 30, 2024) and report annually on retrofitted properties	2023
Ensure any stormwater controls or management practices for new development and redevelopment meet the retention or treatment requirements of the permit and all applicable requirements of the Massachusetts Stormwater Handbook	Adopt guidelines for post-construction stormwater management to meet permit requirements	Facilities	Complete within 3 years of permit effective date (June 30, 2021)	2020
Street design and parking lot guidelines	Develop a report assessing requirements that affect the creation of impervious cover. The assessment will help determine if changes to design standards for streets and parking lots can be modified to support low impact design options.	Facilities	Complete within 6 years of permit effective date (June 30, 2024) and implement recommendations of report	2023



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<b>BMP Categorization</b> (enter your own text to override the drop down menu or entered text)	<b>BMP Description</b>	<b>Responsible Department/Parties</b> (enter your own text to override the drop down menu)	<b>Measurable Goal</b> (all text can be overwritten)	<b>Beginning Year of BMP Implementation</b>
Facility O&M procedures	Create written O&M procedures including all requirements contained in 2.3.7.a.ii for parks and open spaces, buildings and facilities, and vehicles and equipment	Environmental Health & Safety	Complete and implement within 4 years of permit effective date (June 30, 2022)	2020
Inventory campus parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	Environmental Health & Safety	Complete within 4 years of permit effective date (June 30, 2022) and implement annually	2020
MS4 Infrastructure O&M	Establish and implement program for operation and maintenance of MS4 infrastructure	Environmental Health & Safety	Complete within 4 years of permit effective date (June 30, 2022)	2020
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	Environmental Health & Safety	Complete and implement within 4 years of permit effective date (June 30, 2022)	2021
Catch basin cleaning	Establish schedule for catch basin cleaning such that each catch basin is no more than 50% full, and clean catch basins on that schedule	Facilities Maintenance	Clean catch basins on established schedule and report number of catch basins cleaned and volume of material removed annually	2018
Street sweeping program	Sweep campus streets and parking lots in accordance with permit conditions	Facilities Maintenance	Sweep campus streets and parking lots once per year in the spring	2018
Road salt use optimization program	Establish and implement a program to minimize the use of road salt	Facilities Maintenance	Implement salt use optimization during deicing season	2018



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Part III: Stormwater Management Program Summary (continued)

Actions for Meeting Total Maximum Daily Load (TMDL) Requirements

Use the drop-down menus to select the applicable TMDL, action description to meet the TMDL requirements, and the responsible department/parties. If no options are applicable, or more than one, enter your own text to override drop-down menus.

Applicable TMDL	Action Description	Responsible Department/Parties <small>(enter your own text to override the drop down menu)</small>
Lake Quinsigamond and Flint Pond (Phosphorus)	Adhere to requirements in part A.II of Appendix F	Environmental Health & Safety
Charles River Watershed (Bacteria/Pathogen)	Adhere to requirements in part A.III of Appendix F	Environmental Health & Safety
Assabet River (Phosphorus)	Adhere to requirements in part A.V of Appendix F	Environmental Health & Safety
Northern Blackstone Lakes (Phosphorus)	Adhere to requirements in part A.II of Appendix F	Environmental Health & Safety
Lower Charles River (Phosphorus)	Adhere to requirements in part A.I of Appendix F	Environmental Health & Safety

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**Part III: Stormwater Management Program Summary (continued)**

**Actions for Meeting Requirements Related to Water Quality Limited Waters**

Use the drop-down menus to select the pollutant causing the water quality limitation and enter the waterbody ID(s) experiencing excursions above water quality standards for that pollutant. Choose the action description from the dropdown menu and indicate the responsible party. If no options are applicable, or more than one, **enter your own text to override drop-down menus.**

Pollutant	Waterbody ID(s)	Action Description	Responsible Department/Parties <small>(enter your own text to override the drop down menu)</small>
	NA	Adhere to requirements in part I of Appendix H	
	NA	Adhere to requirements in part II of Appendix H	
	NA	Adhere to requirements in part III of Appendix H	
	NA	Adhere to requirements in part IV of Appendix H	
	NA	Adhere to requirements in part V of Appendix H	

Part IV: Notes and additional information

Use the space below to indicate the part(s) of 2.2.1 and 2.2.2 that you have identified as not applicable to your MS4 because you do not discharge to the impaired water body or a tributary to an impaired water body due to nitrogen or phosphorus. Provide all supporting documentation below or attach additional documents if necessary. Also, provide any additional information about your MS4 program below.

Satellite Campuses:

In addition to its main campus at 55 Lake Ave North, Worcester, UMass Medical School (UMMS) operates at four satellite campuses owned by the University of Massachusetts:

- 333 South Street, Shrewsbury
  - One building and parking within the Assabet River watershed
- 222 Maple Avenue, Shrewsbury
  - Six buildings and parking within the Mill Pond subwatershed to Lake Quinsigamond
- 460 Walk Hill Street, Mattapan
  - Two buildings and parking within Boston Water and Sewer Commission's (BWSC) Canterbury Brook drainage area of Charles River watershed
- 1240 Innovation Way, Fall River
  - One building that lies outside the MS4 regulated area

Endangered Species Act (ESA) eligibility determination:

UMMS has completed the ESA eligibility process outlined in Appendix C of the Massachusetts MS4 general permit. According to the U.S. Fish & Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) tool, UMMS campuses potentially contain habitat for Northern Long-eared Bat, which is listed as a threatened species.

UMMS has determined that the stormwater discharges and discharge related activities will have no effect on any federally threatened or endangered listed species or designated critical habitat under the jurisdiction of the USFWS. If, during the course of the permit term, UMMS plans to install a structural BMP not identified in the NOI, UMMS will conduct an endangered species screening for the proposed site and will contact the USFWS if UMMS determines that the new activity "may affect" or is "not likely to adversely affect" listed species or critical habitat under the jurisdiction of the USFWS.

National Historic Preservation Act (NHPA) eligibility determination:

UMMS has completed the NHPA eligibility process outlined in Appendix D of the Massachusetts MS4 general permit. UMMS campuses do not have property listed in the National Register of Historic Places. No prior surveys or disturbances have revealed the existence of historic properties or artifacts. Operation of UMMS' MS4 does not have the potential to cause effects on historic properties.

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## Part V: 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.*

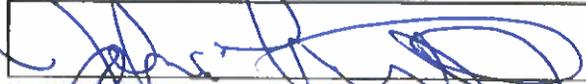
Name:

John Lindstedt

Title:

Executive Vice Chancellor, Adm. & Finance

Signature:



[To be signed according to Appendix B, Subparagraph B.11, Standard Conditions]

Date:

9/24/18

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