

Year 3 Annual Report
Massachusetts Small MS4 General Permit
Reporting Period: July 1, 2020-June 30, 2021

Please DO NOT attach any documents to this form. Instead, attach all requested documents to an email when submitting the form

Unless otherwise noted, all fields are required to be filled out. If a field is left blank, it will be assumed the requirement or task has not been completed. Please ONLY report on activities between July 1, 2020 and June 30, 2021 unless otherwise requested.

Part I: Contact Information

Name of Municipality or Organization: Town of Northbridge

EPA NPDES Permit Number: MAR041144

Primary MS4 Program Manager Contact Information

Name: James Shuris, P.E., MBA



Title: Director of Public Works & Town Engineer

Street Address Line 1: P.O. Box 88

Street Address Line 2: 11 Fletcher Street

City: Whitinsville

State: MA

Zip Code: 01588

Email: jshuris@northbridgemass.org

Phone Number: (508) 234-0816

Stormwater Management Program (SWMP) Information

SWMP Location (web address): https://www.northbridgemass.org/sites/g/files/vyhli981/f/uploads/swmp_-_30_june_2019.pdf

Date SWMP was Last Updated: June 30th 2019

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

Part II: Self-Assessment

First, in the box below, select the impairment(s) and/or TMDL(s) that are applicable to your MS4. Make sure you are referring to the most recent EPA approved Section 303(d) Impaired Waters List which can be found here: <https://www.epa.gov/tmdl/region-1-impaired-waters-and-303d-lists-state>

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 3 Requirements

- Inspected and screened all outfalls/interconnections (excluding Problem and Excluded outfalls)
- Updated outfall/interconnection priority ranking based on the information collected during the dry weather inspections as necessary
- Post-construction bylaw, ordinance, or other regulatory mechanism was updated and adopted consistent with permit requirements

Optional: If you would like to describe progress made on any incomplete requirements listed above, provide any additional information, and/or if any of the above year 3 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:

The Town recently completed IDDE inspections and sampling at over 50% of its regulated outfalls but was limited by financial and staff constraints. Based on the results of those investigations the Town is preparing to alter and update the initial ranking and prioritization to support future catchment investigations. The Town is looking to continue and prioritize the remaining outfall inspections and sampling as funding and time allow. The Town also received information detailing the extent to which current bylaws and regulatory mechanisms meet permit requirements. The Town is looking to use that information to make any needed adjustments as time and funding allow.

Arcadis conducted an audit of bylaw/ordinance and regulations, providing results and recommendations for all members of the Central Massachusetts Regional Stormwater Coalition (CMRSWC). The CMRSWC also provided templates for both the bylaw and rules/regulations.

Annual Requirements

- Provided an opportunity for public participation in review and implementation of SWMP and complied with State Public Notice requirements
- Kept records relating to the permit available for 5 years and made available to the public
- The SSO inventory has been updated, including the status of mitigation and corrective measures implemented
 - This is not applicable because we do not have sanitary sewer
 - This is not applicable because we did not find any new SSOs
 - The updated SSO inventory is attached to the email submission
 - The updated SSO inventory can be found at the following website:
- Properly stored and disposed of catch basin cleanings and street sweepings so they did not discharge to receiving waters
- Provided training to employees involved in IDDE program within the reporting period
- All curbed roadways were swept at least once within the reporting period
- Updated system map due in year 2 as necessary
- 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, provide any additional information, and/or if any of the above annual 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:

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:

Used Think Blue Massachusetts to reach and engage residents of Northbridge via Facebook posts.

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)*

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:

Used Think Blue Massachusetts to reach and engage residents of Northbridge via Facebook posts.

Solids, Oil and Grease (Hydrocarbons), or Metals

Annual Requirements

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

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

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 made any changes to your lists of receiving waters, outfalls, or impairments since the NOI was submitted?

Yes

No

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

Part IV: Minimum Control Measures

Please fill out all of the metrics below. If applicable, include in the description who completed the task if completed by a third party.

MCM1: Public Education

Number of educational messages completed during this reporting period: 4

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: Resident Message - Stormwater pollution is trash, oil, cigarette butts, & dog waste

Message Description and Distribution Method:

Think Blue Massachusetts "Fowl Water" video (<https://www.thinkbluemassachusetts.org/>) advertisements (sponsored videos) on Facebook & Instagram and pre-roll advertisements on YouTube.

Targeted Audience: Residents

Responsible Department/Parties: Massachusetts Statewide Municipal Stormwater Coalition

Measurable Goal(s):

Social media impression estimates for Northbridge residents.

Facebook and Google provide aggregate information for the Central Massachusetts Region and impressions have been allocated among each city in the region on a proportional basis using US Census estimates of the population.

~26,989 total impressions from the FY2021 "Fowl Water" campaign via Facebook, Instagram, and YouTube sponsored video advertisements: <https://www.thinkbluemassachusetts.org/fowl-water-videos-results>.

Message Date(s): May 17 through June 4, 2021

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: Annual Message - Proper lawn maintenance

Message Description and Distribution Method:

Think Blue Massachusetts shared posts on Facebook in the spring encouraging the proper use and disposal of grass clippings and encouraged the proper use of slow-release fertilizers.

Posted a link to a flyer called "Lawn and Garden Tips to Help Curb Stormwater Pollution" on the Town of

Northbridge website, informing residents addressing fertilizer, grass clippings, and leaves:
<https://www.northbridgema.org/department-of-public-works-highway-division>

Targeted Audience: Businesses, institutions and commercial facilities; Residents

Responsible Department/Parties: Massachusetts Statewide Municipal Stormwater Coalition

Measurable Goal(s):

The Think Blue Massachusetts Facebook account has 350 followers, 269 page likes, and averages approximately 3,000 reaches per month

Message Date(s): Spring 2021

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: Annual leaf litter message - Leaf litter & brush collection

Message Description and Distribution Method:

Think Blue Massachusetts shared posts on Facebook in the Fall to encourage the proper disposal of leaf litter and the potential consequences of leaves clogging storm drains.

Posted a link to a flyer called "Lawn and Garden Tips to Help Curb Stormwater Pollution" on the Town of Northbridge website, informing residents addressing fertilizer, grass clippings, and leaves:
<https://www.northbridgema.org/department-of-public-works-highway-division>

Targeted Audience: Residents

Responsible Department/Parties: Massachusetts Statewide Municipal Stormwater Coalition

Measurable Goal(s):

The Think Blue Massachusetts Facebook account has 350 followers, 269 page likes, and averages approximately 3,000 reaches per month

Message Date(s): Fall 2021

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: Annual winter deicing/salt message

Message Description and Distribution Method:

Think Blue Massachusetts shared posts on Facebook regarding road salt application for residential, commercial, & industrial site owners on the proper storage and application rates of winter deicing material.

Targeted Audience: Businesses, institutions and commercial facilities; Industrial; Residential

Responsible Department/Parties: Massachusetts Statewide Municipal Stormwater Coalition

Measurable Goal(s):

The Think Blue Massachusetts Facebook account has 350 followers, 269 page likes, and averages approximately 3,000 reaches per month

Message Date(s): December through March, 2021

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: [Message name here]

Message Description and Distribution Method:

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

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: [Message name here]

Message Description and Distribution Method:

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

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:

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:**

The Stormwater Management Plan (SWMP) is available on the Town's website for public review, comment, and involvement.

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:**

MCM3: Illicit Discharge Detection and Elimination (IDDE)

Sanitary Sewer Overflows (SSOs)

Check off the box below if the statement is true.

- This SSO section is NOT applicable because we DO NOT have sanitary sewer

Below, report on the number of SSOs identified in the MS4 system and removed during this reporting period.

Number of SSOs identified: 0

Number of SSOs removed: 0

MS4 System Mapping

Optional: Provide additional status information regarding your map:

Many Phase II system mapping requirements are complete for most of the Town's regulated area. There are 1 or 2 small, recently constructed subdivisions that have not yet been fully mapped.

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: 130

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

Percent of outfalls screened: 54

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

The Town prioritized its limited resources on completing investigations at more than half of its outfalls. It plans to continue its efforts toward completing this requirement in Year 4 as funding is available, and updating its priority ranking for catchment investigations.

Catchment Investigations

If conducted, please submit all data collected during this reporting period as part of the dry and wet weather investigations. Also include the presence or absence of System Vulnerability Factors for each catchment.

- No catchment investigations were conducted
- The catchment investigation data is attached to the email submission
- The catchment investigation data can be found at the following website:

Below, report on the number of catchment investigations completed during this reporting period.

Number of catchment investigations completed this reporting period: 0

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

Percent of total catchments investigated: 0

Optional: Provide any additional information for clarity regarding the catchment investigations below:
The Town plans to commence catchment investigations when outfall screening is complete.

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: 0

Number of illicit discharges removed: 0

Estimated volume of sewage removed: 0 gallons/day

Below, report on the total number of illicit discharges identified and removed to date. At a minimum, report on the number of illicit discharges identified and removed since the effective date of the permit (July 1, 2018).

Total number of illicit discharges identified: 0

Total number of illicit discharges removed: 0

Optional: Provide any additional information for clarity regarding illicit discharges identified, removed, or planned to be removed below:

No illicit discharges were found in the 130 outfalls screened. The Town identified two outfalls that it will prioritize for catchment investigations and additional inspections based on outfall screening results.

Employee Training

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

The Illicit Discharge Detection and Elimination (IDDE) Training was conducted by Fuss & O'Neill in partnership with the Central Massachusetts Regional Stormwater Coalition. The training was held remotely via GoToMeeting during this reporting period, on May 26th, 2021. The workshop trained participants on important aspects of the IDDE program, including how to recognize illicit discharges and SSOs. A summary of the 2021 training, copies of the slides, and an attendee roster can be found here: https://www.centralmastormwater.org/sites/g/files/vyhlf386/f/uploads/summary_idde_training_2021_0.pdf. The attendee roster is also attached to this report submission.

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: 0

Number of inspections completed: 40

Number of enforcement actions taken: 0

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

The Town has contracted with a consulting engineer to review site plans and conduct construction site inspections. More substantial projects are reviewed by multiple Town Departments via a technical review committee. During this permit year there were instances of informal enforcement at a few construction sites (Syncarpha Solar Puddon I & II, Stone Hill Dev, & Syncarpha Solar I & II). Stormwater runoff and sediment and/or debris entered onto public ways. The developers or contractors were directed to clear the debris and either correct or employ additional BMPs to control stormwater onsite.

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

As-built Drawings

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

Number of as-built drawings received: 3

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

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:

This Town has not yet addressed this permit requirement. The Town intends to complete this assessment in Year 4 as funding allows.

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:

This Town has not yet addressed this permit requirement. The Town intends to complete this assessment in Year 4 as funding allows.

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:

This Town has not yet addressed this permit requirement. The Town intends to complete this inventory in Year 4 as funding allows.

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: 30

Number of catch basins cleaned: 30

Total volume or mass of material removed from all catch basins: 0 [Select Units]

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

Total number of catch basins: 2,018

If applicable:

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

The Town increases the frequency of inspections and cleaning. Based on its experience and due to its increased street sweeping frequency and bagged leaf pick-up program, the Town's catch basin sumps are usually below the 50% full benchmark.

Street Sweeping

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

- Number of miles cleaned: 139
- Volume of material removed: [Select Units]
- Weight of material removed: [Select Units]

Stormwater Pollution Prevention Plan (SWPPP)

Below, report on the number of site inspections for facilities that require a SWPPP completed during this reporting period.

Number of site inspections completed: 0

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

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:

The Town does not record information regarding miles cleaned during street sweeping or the volume of material removed during street sweeping and catch basin cleanings. The Town sweeps all streets twice per year. The number of miles reported was determined in GIS by summing miles of Town-accepted roadways multiplied by two.

The Town has mapped 2,018 catch basins in the regulated area. The Town's mapping does not include ownership information, so the actual number of catch basins owned by the Town may be lower after removing catch basins that are owned by MassDOT or private entities.

COVID-19 Impacts

Optional: If any of the above year 3 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:

The Town continued to implement social distancing measures for its staff which impacted the amount of work staff were able to complete in Year 3. The Town chose to focus its limited resources on making progress on its IDDE requirements for the Year 3 deadline. The Town is working with its consultant to meet its permit requirements, and will continue these efforts with its limited staff and financial resources.

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 4 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
- 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)

Provide any additional details on activities planned for permit year 4 below:

Part V: Certification of Small MS4 Annual Report 2021

40 CFR 144.32(d) Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name:

ADAM GAUDETTE

Title:

TOWN MANAGER

Signature:



Date:

9.29.21

[Signatory may be a duly authorized representative]

Illicit Discharge Detection and Elimination Training

Provided by: Central Massachusetts Regional Stormwater Coalition &
Fuss & O'Neill



Illicit Discharge Detection and Elimination (IDDE) is an integral component of any municipal stormwater management program. IDDE requirements in the 2016 National Pollutant Discharge Elimination System (NPDES) General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems (MS4) in Massachusetts (MS4 Permit) are more complex than the IDDE requirements from the previous permit. Fuss & O'Neill, in partnership with the Central Massachusetts Regional Stormwater Coalition, conducted a training workshop for municipal employees of MS4-regulated communities on implementing IDDE program requirements of the MS4 Permit. The training workshop was held on May 26, 2021 remotely via GoTo Meeting. The training provided at these workshops is also intended to satisfy the MS4 Permit requirements for annual IDDE training as outlined in Section 2.3.4.11 of the MS4 Permit.

While the workshop training presentation focused on IDDE program requirements, the presentation also included general information about all Six Minimum Control Measures and highlighted some of the additional permit requirements. The training presentation included detailed information on the following topics:

- General MS4 Information
 - Brief descriptions of each of the six minimum control measures
- IDDE requirements
- Identification of Illicit Discharges and Sanitary Sewer Overflows
- Safety Considerations for IDDE program staff
- IDDE Program Planning
- Illicit Discharge Source Identification Methods
- Catchment Investigation Planning and Execution

Participants were encouraged to ask questions throughout the presentation. Answers to questions can be found in the recording of the presentation.

If there are additional questions about the MS4 Permit or IDDE requirements, please feel free to contact Fuss & O'Neill directly.

Kerry Reed, P.E.
Co-Chairperson
Central Massachusetts Regional Stormwater Coalition
kr@framinghamma.gov

William Guenther, MS
Project Manager/Senior Scientist
wguenther@fando.com
800.286.2469 x4579
585-770-4320 cell

First Name:	Last Name:	Email Address:	Municipality	Job Title:	What are your specific responsibilities related to MS4 compliance?
Mark	Augello	maugello@sturbridge.gov	town of sturbridge	Operations Manager	oversight of permit, sampling outfalls, outfall inspections, writing all reports , annual report, idde training, attending trainings, stormwater management plans
Michael	Chipman	mchipman@ashlandmass.com	Ashland	Stormwater	Outfall Screening
Eilish	Corey	ecorey@town.auburn.ma.us	Auburn	Senior Civil Engineer	Program manager.
John	Digiacomio	jdigiacomio@natickma.org	Natick	Assistant Town Engineer	Work with Town Engineer on MS4 Compliance
Sarah	Fortune	sfortune@townpalmer.com	Palmer	Interim Conservation Agent	Just starting to get my feet wet with MS4 compliance. Experience in stormwater permit review and compliance inspections.
Luke	Haberman	lhaberman@holdenma.gov	Town of Holden	Civil Engineer	Manage and implement MS4 activities for the Town of Holden.
Paul	Hutnak	phutnak@uxbridge-ma.gov	Uxbridge	Civil Engineer	Compliance suport
Kevin	Langmeyer	klangmeyer@ashlandmass.com	Ashland MA	Stormwater Tech.	All MS4 field work
William	McDowell	wmcdowell@natickma.org	Natick	Town Engineer	Engineering oversees MS4 compliance and reporting
Robert	Oliva	roliva@lunenburgonline.com	Lunenburg	Director	Oversight of the stormwater system and MS4 compliance
Angela	Panaccione	angela.panaccione@townofcharlton.net	Town of Charlton	Conservation Agent	Administration of permit
Joseph	Progin	jprogin@lunenburgonline.com	Lunenburg	Highway Superintendent	manage maintenance of the stormwater system
James	Shuris	jshuris@northbridgemass.org	Northbridge	DPW Director & Town Engineer	Administration & Technical
Gerry	Skowronek	gskowronek@townofpalmer.com	Palmer	DPW Dorector	Oversee entire MS4 program until new stormwater Director is hired
Vincent	Thai	vthai@shrewsburyma.gov	Shrewsbury	Stormwater Coordinator	Coordination of permit compliance activities and day-to-day tasks of said activities
Dan	Van Schalkwyk	dvanschalkwyk@ayer.ma.us	Ayer	Town Engineer	Manage Town's compliance with MS4
Evan	White	ewhite@ashlandmass.com	Ashland	Project Engineer	Primary town compliance responsibilities