**New Hampshire Small MS4 General Permit Training Matrix**

**Table of Contents**

Note: The Page Number Reference the Approved Modified NH MS4 General Permit Effective January 6, 2021

[**MCM #3: Illicit Discharge Detection and Elimination (IDDE) Program** 5](#_Toc71720744)

[Requirement (Page 44. Section 2.3.4.11): 5](#_Toc71720745)

[Training Resources: 5](#_Toc71720746)

[ NH Stormwater Coalitions IDDE Sampling with YSI Pro Meter Training Video 5](#_Toc71720747)

[ NH Stormwater Coalitions IDDE Analysis for Idexx Bacteria Samples Video 5](#_Toc71720748)

[ NH Stormwater Coalitions IDDE analysis for Optical Brightener Samples using an Optical Brightener Pad Video 5](#_Toc71720749)

[ Central Massachusetts Regional Stormwater Coalition 2020 IDDE Training Workshop 5](#_Toc71720750)

[ Pioneer Valley (Massachusetts) Planning Commission’s IDDE MS4 Permit Compliance Workshop 5](#_Toc71720751)

[**MCM #5: Good House Keeping and Pollution Prevention for Municipal Operations** 6](#_Toc71720752)

[Requirement (Page 51. Section 2.3.7.1.d.v): 6](#_Toc71720753)

[Training Resources: 6](#_Toc71720754)

[ University of New Hampshire Technology Transfer Center Green SnowPro Full Course 6](#_Toc71720755)

[ University of New Hampshire Technology Transfer Center Green SnowPro Refresher Course 6](#_Toc71720756)

[ Smart About Salt Council Green SnowPro Full Course 6](#_Toc71720757)

[ Smart About Salt Council Green SnowPro Refresher Course 6](#_Toc71720758)

[ Snow and Ice Management Association Green SnowPro Refresher Course 6](#_Toc71720759)

[**MCM #6: Good House Keeping and Pollution Prevention for Municipal Operations** 7](#_Toc71720760)

[Requirement (Page 49. Section 2.3.7): 7](#_Toc71720761)

[Training Resources: 7](#_Toc71720762)

[ Coming Soon! 7](#_Toc71720763)

[Requirement (Page 49. Section 2.3.7.1.a) 7](#_Toc71720764)

[Training Resources: 7](#_Toc71720765)

[ Parks Maintenance and Stormwater Protection Employee (Minnesota) Training Video 7](#_Toc71720766)

[Requirement (Page 49. Section 2.3.7.1.b) 7](#_Toc71720767)

[Training Resources: 8](#_Toc71720768)

[ Best Management Practices for Stormwater Management 8](#_Toc71720769)

[ EPA Managing Used Oil: Answers to Frequent Questions for Businesses Webpage 8](#_Toc71720770)

[ NHDES Spills: Prevention & Response Guidance Document 8](#_Toc71720771)

[ NHDES Summary of Requirements for Management of Used Oil Being Recycled Document 8](#_Toc71720772)

[ NHDES Universal Waste Management PowerPoint 8](#_Toc71720773)

[ NHDES Used Oil Management PowerPoints 8](#_Toc71720774)

[ NHDES Best Management Practices for Batteries Document 8](#_Toc71720775)

[Requirement (Page 50. Section 2.3.7.1.c) 9](#_Toc71720776)

[Training Resources: 9](#_Toc71720777)

[ Coming Soon! 9](#_Toc71720778)

[Requirement (Page 50. Section 2.3.7.1.d.) 9](#_Toc71720779)

[Training Resources: 9](#_Toc71720780)

[ Coming Soon! 9](#_Toc71720781)

[Requirement (Page 51. Section 2.3.7.1.d.vi) 9](#_Toc71720782)

[Training Resources: 9](#_Toc71720783)

[Requirement (Page 51. Section 2.3.7.1 f) 9](#_Toc71720784)

[Training Resources: 9](#_Toc71720785)

[ Coming Soon! 9](#_Toc71720786)

[Requirement (Page 53. Section 2.3.7.2.b.iv) 10](#_Toc71720787)

[Training Resources: 10](#_Toc71720788)

[ NHDES Universal Waste Management PowerPoint 10](#_Toc71720789)

[ NHDES Used Oil Management PowerPoints 10](#_Toc71720790)

[ NHDES Spills: Prevention & Response Guidance Document 10](#_Toc71720791)

[Requirement (Page 54. Section 2.3.7.2.b.iv) 10](#_Toc71720792)

[Training Resources: 10](#_Toc71720793)

[ Central Massachusetts Regional Stormwater Coalition SWPPP Overview Video 10](#_Toc71720794)

[ Central Massachusetts Regional Stormwater Coalition SWPPPs at Municipal Maintenance Facilities Video 11](#_Toc71720795)

[ NHDES Summary of Requirements for Management of Used Oil Being Recycled Document 11](#_Toc71720796)

[ NHDES Spills: Prevention & Response Guidance Document 11](#_Toc71720797)

[ NHDES Used Oil Management PowerPoints 11](#_Toc71720798)

[ Ohio EPA Erosion & Sediment Control Inspection Basics Video 11](#_Toc71720799)

[Requirement (Page 54. Section 2.3.7.2.b.iv) 11](#_Toc71720800)

[Training Resources: 11](#_Toc71720801)

[ Coming Soon! 11](#_Toc71720802)

[Requirement (Page 55. Section 2.3.7.2.b.iv) 11](#_Toc71720803)

[Training Resources: 12](#_Toc71720804)

[ Coming Soon! 12](#_Toc71720805)

[Requirement (Page 55. Section 2.3.7.2.d) 12](#_Toc71720806)

[Training Resources: 12](#_Toc71720807)

[ Coming Soon! 12](#_Toc71720808)

# **MCM #3: Illicit Discharge Detection and Elimination (IDDE) Program**

## Requirement (Page 44. Section 2.3.4.11):

*The permittee shall, at a minimum, annually provide training to employees involved in*

*IDDE program about the program, including how to recognize illicit discharges and*

*SSOs. The permittee shall report on the frequency and type of employee training in the*

*annual report.*

### Training Resources:

#### [NH Stormwater Coalitions IDDE Sampling with YSI Pro Meter Training Video](https://www.dropbox.com/s/xn5oamoyloroqel/IDDE%20sampling%20with%20YSI%20Pro%20Plus%20meter.mp4?dl=0)

* + Cost: Free

#### [NH Stormwater Coalitions IDDE Analysis for Idexx Bacteria Samples Video](https://www.dropbox.com/s/4o3jthmruvt86s2/IDDE%20analysis%20for%20Idexx%20Bacteria%20Samples.mp4?dl=0)

* + Cost: Free

#### [NH Stormwater Coalitions IDDE analysis for Optical Brightener Samples using an Optical Brightener Pad Video](https://www.dropbox.com/s/bxjahvsemp6r0kc/IDDE%20analysis%20for%20Optical%20Brightener%20Samples%20using%20an%20Optical%20Brightener%20Pad%20.mp4?dl=0)

* + Cost: Free

#### [Central Massachusetts Regional Stormwater Coalition 2020 IDDE Training Workshop](https://www.centralmastormwater.org/toolbox/pages/2020-idde-workshop-ms4-assistance-grant)

* + Cost: Free

#### Pioneer Valley (Massachusetts) Planning Commission’s IDDE MS4 Permit Compliance Workshop

* + [Module 1](https://www.youtube.com/watch?v=wf4T5bJFQsM)
	+ [Module 2](https://www.youtube.com/watch?v=0fNbeFl0qnM)
	+ [Module 3](https://www.youtube.com/watch?v=hBPADcBQT4w)
	+ Cost: Free

# **MCM #5: Good House Keeping and Pollution Prevention for Municipal Operations**

## Requirement (Page 51. Section 2.3.7.1.d.v):

*The permittee shall establish and implement procedures for winter road maintenance including the use and storage of salt and sand; minimize the use of sodium chloride and other salts, and evaluate opportunities for use of alternative materials; and ensure that snow disposal activities do not result in disposal of snow into waters of the United States. See NHDES, Fact Sheet WMB-3 Snow Disposal, for guidance as to selection and maintenance of snow disposal areas. For purposes of this MS4 Permit, salt shall mean any chloride-containing material used to treat paved surfaces for deicing, including sodium chloride, calcium chloride, magnesium chloride, and brine solutions.*

### Training Resources:

#### [Smart About Salt Council Green SnowPro Full Course](http://www.smartaboutsalt.com/event-3965198?CalendarViewType=1&SelectedDate=9/1/2020)

* + Cost: $375

#### [Smart About Salt Council Green SnowPro Refresher Course](http://www.smartaboutsalt.com/event-3965202?CalendarViewType=1&SelectedDate=9/1/2020)

* + Cost: $175

#### [Snow and Ice Management Association Green SnowPro Refresher Course](https://www.sima.org/)

* + Cost: $500

# **MCM #6: Good House Keeping and Pollution Prevention for Municipal Operations**

## Requirement (Page 49. Section 2.3.7):

*The permittee shall implement an operations and maintenance program for permittee operations that includes a training component and has a goal of preventing or reducing pollutant runoff and protecting water quality from all permittee operations.*

### Training Resources:

#### Coming Soon!

## Requirement (Page 49. Section 2.3.7.1.a)

*Parks and open space: Establish procedures to address the proper use, storage, and disposal of pesticides, herbicides, and fertilizers (PHF) including minimizing the use of these products and using them only in accordance manufacturer’s instruction. Evaluate lawn maintenance and landscaping activities to ensure practices are protective of water quality. Protective practices include reduced use of PHFs, integrated pest management (IPM), recycling or proper disposal of lawn clippings and other vegetative waste, and use of native and drought resistant landscaping materials. Establish procedures for management of trash containers at parks (scheduled cleanings; sufficient number), and for placing signage in areas concerning the proper disposal of pet wastes. Establish procedures to address waterfowl congregation areas where appropriate to reduce waterfowl droppings from entering the MS4. Establish procedures to address erosion or poor vegetative cover when the permittee becomes aware of it; especially if the erosion is within 50 feet of a surface water.*

### Training Resources:

#### [Parks Maintenance and Stormwater Protection Employee (Minnesota) Training Video](https://www.youtube.com/watch?v=6eD29UBINqE)

* + Cost: Free

## Requirement (Page 49. Section 2.3.7.1.b)

*Buildings and facilities where pollutants are exposed to stormwater runoff: This includes schools (to the extent they are permittee-owned or operated), town offices, police, and fire stations, municipal pools and parking garages and other permittee-owned or operated buildings or facilities. Evaluate the use, storage, and disposal of petroleum products and other potential stormwater pollutants. Provide employee training as necessary so that those responsible for handling these products know proper procedures. Ensure that Spill Prevention Plans are in place, if applicable, and coordinate with the fire department as necessary. Develop management procedures for dumpsters and other waste management equipment. Sweep parking lots and keep areas surrounding the facilities clean to reduce runoff of pollutants.*

### Training Resources:

#### [Best Management Practices for Stormwater Management](https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/mvsy-bmp15-stormwater.pdf)

* + Cost: Free

#### [EPA Managing Used Oil: Answers to Frequent Questions for Businesses Webpage](https://www.epa.gov/hw/managing-used-oil-answers-frequent-questions-businesses)

* + Cost: Free

#### [NHDES Spills: Prevention & Response Guidance Document](https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/mvsy-bmp6-spills.pdf)

* + Cost: Free

#### [NHDES Summary of Requirements for Management of Used Oil Being Recycled Document](https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/2020-01/uo-used-oil-requirements.pdf)

* + Cost: Free

#### [NHDES Universal Waste Management PowerPoint](https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/2020-01/swot-uwpi.pdf)

* + Cost: Free

#### NHDES Used Oil Management PowerPoints

* + [Part 1](https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/2020-01/swot-uopi.pdf)
	+ [Part 2](https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/2020-01/swot-uopiii.pdf)
	+ Cost: Free

#### [NHDES Best Management Practices for Batteries Document](https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/2020-01/bmp-batteries.pdf)

* + Cost: Free

## Requirement (Page 50. Section 2.3.7.1.c)

*Vehicles and Equipment: Establish procedures for the storage of permittee vehicles. Vehicles with fluid leaks shall be stored indoors or containment shall be provided until repaired. Evaluate fueling areas owned by the permittee or used by permittee vehicles. If possible, place fueling areas under cover in order to minimize exposure. Establish procedures to ensure that vehicle wash waters are not discharged to the municipal storm sewer system or to surface waters. This permit does not authorize such discharges.*

### Training Resources:

#### Coming Soon!

## Requirement (Page 50. Section 2.3.7.1.d.)

*Infrastructure Operations and Maintenance*

### Training Resources:

#### Coming Soon!

## Requirement (Page 51. Section 2.3.7.1.d.vi)

*The permittee shall establish and implement inspection and maintenance frequencies and procedures for the storm drain systems and for all stormwater treatment structures such as water quality swales, retention/detention basins, infiltration structures, proprietary treatment devices or other similar structures. All permittee-owned stormwater treatment structures (excluding catch basins) shall be inspected annually at a minimum.*

### Training Resources:

* This requirement is municipal specific and will vary within each municipality. Each community will need to determine who needs this training and when to incorporate it. It is recommended that you incorporate this training with other trainings.

## Requirement (Page 51. Section 2.3.7.1 f)

*The permittee shall keep a written record (hardcopy or electronic) of all required activities including but not limited to maintenance activities, inspections and training required by Part 2.3.7.1. The permittee shall maintain, consistent with Part 4.2.1, all records associated with maintenance and inspection activities required by Part 2.3.7.1*

### Training Resources:

#### Coming Soon!

## Requirement (Page 53. Section 2.3.7.2.b.iv)

*Response procedures that include notification of appropriate facility personnel, emergency agencies, and regulatory agencies, and procedures for stopping, containing, and cleaning up leaks, spills and other releases. Measures for cleaning up hazardous material spills or leaks shall be consistent with applicable Resource Conservation and Recovery Act (RCRA) regulations at 40 CFR Part 264 and 40 CFR Part 265. Employees who may cause, detect, or respond to a spill or leak shall be trained in these procedures and have necessary spill response equipment available. If possible, one of these individuals shall be a member of the Pollution Prevention Team;*

### Training Resources:

#### [NHDES Universal Waste Management PowerPoint](https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/2020-01/swot-uwpi.pdf)

* + Cost: Free

#### NHDES Used Oil Management PowerPoints

* + [Part 1](https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/2020-01/swot-uopi.pdf)
	+ [Part 2](https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/2020-01/swot-uopiii.pdf)
	+ Cost: Free

#### [NHDES Spills: Prevention & Response Guidance Document](https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/mvsy-bmp6-spills.pdf)

* + Cost: Free

## Requirement (Page 54. Section 2.3.7.2.b.iv)

*The permittee shall regularly train employees who work in areas where materials or activities are exposed to stormwater, or who are responsible for implementing activities identified in the SWPPP (e.g., inspectors, maintenance personnel), including all members of the Pollution Prevention Team. Training shall cover both the specific components and scope of the SWPPP and the control measures required under this Part, including spill response, good housekeeping, material management practices, any best management practice operation and maintenance, etc. EPA recommends annual training.*

### Training Resources:

#### [Central Massachusetts Regional Stormwater Coalition SWPPP Overview Video](https://www.youtube.com/watch?v=wVpy36fDNkw&feature=emb_title)

* + Cost: Free

#### [Central Massachusetts Regional Stormwater Coalition SWPPPs at Municipal Maintenance Facilities Video](https://www.youtube.com/watch?v=4X34-EyVUxY)

* + Cost: Free

#### [NHDES Summary of Requirements for Management of Used Oil Being Recycled Document](https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/2020-01/uo-used-oil-requirements.pdf)

* + Cost: Free

#### [NHDES Spills: Prevention & Response Guidance Document](https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/mvsy-bmp6-spills.pdf)

* + Cost: Free

#### NHDES Used Oil Management PowerPoints

* + [Part 1](https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/2020-01/swot-uopi.pdf)
	+ [Part 2](https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/2020-01/swot-uopiii.pdf)
	+ Cost: Free

#### Ohio EPA Erosion & Sediment Control Inspection Basics Video

* + <https://www.youtube.com/watch?v=w_hsjUNBYNM>
	+ Cost: Free

## Requirement (Page 54. Section 2.3.7.2.b.iv)

*The permittee shall document the following information for each training: • The training date, title and training duration; • List of municipal attendees • Subjects covered during training*

### Training Resources:

#### Coming Soon!

## Requirement (Page 55. Section 2.3.7.2.b.iv)

*The permittee shall maintain all control measures, required by this permit in effective operating condition. The permittee shall keep documentation onsite that describes procedures and a regular schedule for preventative maintenance of all control measures and discussions of back-up practices in place should a runoff event occur while a control measure is off-line. Nonstructural control measures shall also be diligently maintained (e.g., spill response supplies available, personnel trained).*

### Training Resources:

#### Coming Soon!

## Requirement (Page 55. Section 2.3.7.2.d)

*The permittee must keep a written record (hardcopy or electronic) of all required activities including but not limited to maintenance, inspections, and training required by Part 2.3.7.2. The permittee shall maintain all records associated with the development and implementation of the SWPPP required by this section consistent with the requirements of Part 4.2.1.*

### Training Resources:

#### Coming Soon!