



Western New York Stormwater Management Training Series

March—June 2022

Classes start March 9th and are held every 3 - 4 weeks through June.

Classes run 4 hours from 8:30am to 1:00pm.

VIRTUAL via ZOOM

Workshop Fee: \$175 per class

4 PDHs, 4 LUs, and 4 CEUs are expected to be awarded for all of these classes.

WHO SHOULD ATTEND

- Code Enforcement Officers
- Consulting/municipal design engineers
- Municipal Planning Board members
- Land use planners/developers
- Stormwater professionals
- Teachers
- Municipal staff
- Consultants
- Landscape Architects

PRINCIPAL INSTRUCTOR:

John Dunkle, P.E., CPESC, CPMSM

John has been a practicing civil engineer since 1981, and is a Certified Professional in Erosion & Sediment Control (CPESC), and a Certified Professional in Municipal Stormwater Management (CPMSM).

John has prepared & reviewed Stormwater Pollution Prevention Plans (SWPPPs), provided guidance for Municipal Separate Storm Sewer Systems (MS4s), & participated with DEC in the development of the current stormwater regulations & design manuals.

John also teaches a graduate level Stormwater Management class at SUNY-Environmental Science & Forestry, & has been conducting stormwater trainings across New York State for over 15 years. He has also been Planning Board Chairman for over 10 years in his hometown.



REGISTRATION

Fill out the online registration through the MCSSWCD website:

<https://monroecountyswcd.org/page-48.html>

Additional details will be sent to registered individuals prior to the class date including Zoom registration information to access the course.

Course details, descriptions, and registration can also be found online

<https://monroecountyswcd.org/page-48.html>

PAYMENT

We accept credit card payments over the phone or online through Square

OR

Mail a check to our office
Please make checks payable to:

MCSWCD

Registration and payment must be received by our office at least 1 week prior to the class date.

Series Co-Sponsored by:



Monroe County Soil & Water Conservation District

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<https://monroecountyswcd.org/>

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2022 Courses

Registration starts at 8:00am
Classes will be held from 8:30am-1:00pm

Course	Date	Description
Post Construction Stormwater Management Practices	3/9/2022	From dry detention to tree plantings, the NYS Stormwater Design Manual outlines the numerous possibilities for selecting practices to meet the permit requirements for peak flow mitigation, water quality treatment & runoff reduction. This class reviews the characteristics & performance of each practice, & provides an overview of what considerations that must be made to choose the most appropriate ones for site specific needs. Practice sizing, construction & maintenance of each practice will also be covered.
SEQRA & the Development Process	4/6/2022	Every development project requiring municipal approval in New York must undergo a thorough review of potential environmental impacts in order to comply with the State Environmental Quality Review Act (SEQRA). This class will cover many of the developmental elements that must be evaluated as part of an environmental assessment, as well as provide an overview of the different levels of the required SEQRA documentation from Short Form to Long Form to Environmental Impact Statement. Municipality's SEQRA responsibilities, review timelines, & types of impact determinations will also be covered.
Stormwater Filtration & Infiltration Practices	4/27/2022	Filtration & infiltration are effective mechanisms for stormwater pollutant removal, & are present in many practices employed for water quality treatment & runoff reduction. This class will examine the essential aspects & design standard of stormwater practices that use filtration & infiltration, including initial design considerations, evaluation of options, testing, sizing, construction, & most importantly: long term maintenance.
Updates for the MS4 Permit	5/18/2022	From education, to administration, to inspection, municipalities designated by the state as Municipal Separate Storm Sewer Systems (MS4's) have many responsibilities. These municipalities must rely on their consulting or staff engineers to meet the technical components of these obligations. This class, presented jointly with NYSDEC, & Monroe County DES will provide guidance for municipal officials & engineers in complying with the six minimum measures of the MS4 permit. Specific discussion topics will include: storm sewer shed & outfall mapping, illicit discharge detection, preparation of the Stormwater Management Program Plan, construction site inspections, SWPPP review, TMDL/303d requirements, maintenance programs & agreements, good housekeeping, preparation of annual reports, retrofit programs, SWMP & SWPPP preparation for municipal facilities. Recently, DEC has released the new DRAFT MS4 General Permit which will be finalized for a new five year term. The new permit clarifies & simplifies the existing permit while introducing new compliance challenges & obligations. The draft permit modifications & their impact to MS4's will be covered in detail.
SWPPP Preparation & Review	6/8/2022	Preparing, reviewing, & implementing a Stormwater Pollution Prevention Plan (SWPPP) is essential to stormwater management. The SWPPP is a key component of the Construction General Permit & of Minimum Control Measures 4, 5, & 6 of the MS4 General Stormwater Permit. In the new draft MS4 permit, municipalities are required to prepare SWPPP's for their own facilities. This class will review all of the required elements of partial & full SWPPP's, including site planning, E & SC, hydrology, good housekeeping, post construction management & maintenance. Preparation & review checklists will be provided & examined. Andy Sansone of Monroe County Department of Environmental Services will cover the MS4 SWPPP preparation requirements.

Statewide Stormwater Training

The New York Regional Stormwater Training Centers are a Statewide Partnership between Cornell Cooperative Extension Orange and Saratoga Counties, the Central New York Regional Planning & Development Board, and Monroe County SWCD. Our goal is to provide the best technical training to all stormwater professionals working in New York State.