Construction Site Stormwater Compliance

When it comes to determining who is required to comply with stormwater regulations on construction sites, the answer is actually quite simple. Any site that disturbs 1 acre or more in the states that have not been delegated authority under the NPDES program, federal, MS4 regard to those responsible for compliance, a thorough understanding of the applicable NPDES permit for your project, as well as the language in the Notice of Intent (NOI) and who signed it, will give you a huge advantage over most other people who don't take the time to read and understand these documents. Typically, the NOI will list the site owner/developer of the stormwater pollution prevention plan (SWPPP), which is the plan for best management practices (BMPs) that must be properly designed, installed and maintained through the life of the project to control pollutants in stormwater. The NOI will also list the contractor who is responsible for compliance with stormwater regulations at construction sites, and provides tips for ensuring said compliance.

Sincerely,

S. Luke Owen, Pe MS4/CECI/ SDI/GIT

New MS4CECI course dates & locations!

Garden City, GA: February 13-14, 2023

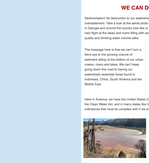
Fort Wayne, IN: March 22, 2023

Register today by calling (678) 469-5120, emailing Rita@npdestraining.com, or via our website here.

WE CAN DO BETTER

Sedimentation* to destruction to our watersheds is utterly devastating, and that's not an overstatement. Think of the aerial photo below of Hall County, Georgia. A lot of it was clear-it-n-forego and around the country look like or simply look down from the window of your plane. Sediment is the number one pollutant to our MS4 sediment (and other pollutants) affects water quality and drinking water volume alike.

The message here is that we can't turn a blind eye to the growing volume of sediment sitting at the bottom of our urban waterways. We can't keep on doing what we're doing and then wait to fretting our watersheds resemble those found in Indonesia, China, South America and the Middle East.

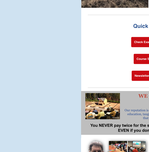


Here in America, we have the United States Constitution, the Safe Drinking Water Act and the Clean Water Act, and we have the NPDES Program. We have the tools to get the job done.

We need to support the efforts our politicians make to build our economy, but sometimes they don't have the time or the BUT we must also understand that underfunding and/or removing the programmatic oversight of water quality is simply NOT ACCEPTABLE.

When our water quality rules, regulations and guidance documents were first drafted, the writers clearly understood the need to deal with our water pollution problems, and to do it for public that expected them. Now, it seems that many of those rules and leaders have forgotten their critical importance to a sustainable quality of life.

That said, WE ALL must understand that it takes a lot of money to pay for clean water! The payoff of our country need to understand that a strong economy is the work horse for our water quality and the quality of life that goes with it. Without money to improve and maintain our water quality, we will look like a third world nation.



In other words, economic growth is absolutely necessary, but we must do it in a way that is not only sustainable, but one that is properly complying with and enforcing the laws responsible for protecting and maintaining our surface water quality.

We can do better at keeping the balance between a strong economy and having healthy water, without the balance, we'll have neither!

Quick Links

Check Exam Results

Course Schedule

Stormwater Archives

Call Us So We Can Help Make Your Job Easier!

For More Information or to Schedule a Class

678-469-5120 or Rita@npdestraining.com

Meeting Turbidity Discharge Limits: Flocculants (Fl-Co) & Surface Water Skimmers (Sk)

Meeting a low 25 NTU discharge limit is not for the faint of heart on construction sites in Georgia. Our soils are highly erosive, and the Rule of 2's (2 days to stabilize and 2 inches of storm) dumping residential setbacks in the country and Georgia Stormwater Rule that it has to establish a discharge limit to encourage designers and developers to keep it out of our waterways. The problem is that extremely voluntary clear was cutoff the surface is not what Stormwa were originally designed to do. That said, they certainly help when used effectively with a flocculant or coagulant (Fl-Co).

When viewing the site on a stormwater treatment system, the superintendent and/or compliance inspector has a chance to keep the sediment on site because they would have thought about the method of their flagmatics to keep the dirt in place and that it's designed. All site, by viewing the project as a treatment system of prevention (i.e., vegetation) and treatment (i.e., sediment basins, traps, etc.), the inspector can see that the site will drain erosion and sediment chute started. The Several Contractor (owner and/or sediment operator of the stormwater treatment system (construction site) must have a stormwater treatment system in place to treat the runoff from the site before it leaves the property or discharges into a waterway. Failure to do so may result in the next rain event. A best management practice (BMP) that is not often used, but can keep the dirt on site, is known as a surface water skimmer (Sk). Skimmers are BMPs that float on the surface of the water in the basin and can help the surface water skimmer (Sk) meet the turbidity discharge limit.

We offer a quarterly Sediment Basins and Surface Skimmers 4-hour course in which Dr. Jora Spuhler covers how to size a properly sized FWW to keep your turbidity discharges to a minimum. It's worth 4 PDHs. We hope to see you at our next class!

For the NPDES Permittee, being able to demonstrate your Want to comply is paramount if you are to avoid NOVs and penalties. Our friends at WaterWatchPro and their RBRR Data Want2Comply® provides the first step in that regard by keeping daily rainfall data, without you as the superintendent having to worry about recording it yourself. Check it out. Hundreds of people have and they love it!

COURSES

GSWCC

GEORGIA EROSION & SEDIMENT CONTROL INITIAL CERTIFICATION COURSES

Re-CERTIFICATION COURSES

ONLINE COURSES

CLASSROOM COURSES

MS4CECI

MS4 Compliance & Enforcement Certified Inspector

MS4CECI Course Information

One of our most popular courses, this 3-day seminar is developed and designed specifically for MS4 inspectors, MS4 managers, municipal engineers, municipal public works personnel, field inspectors, stormwater managers and consultants, with a focus on MS4 stormwater permit compliance and enforcement responsibilities.

An accomplished & consultant Immediately following classroom instruction. Course attendees are required to achieve a minimum examination score of 70% for 4 hour 3 pass MS4CECI Certification.

The MS4CECI course was designed by federal, state and local regulatory personnel as well as consultants who have worked with MS4s. It is an intensive course designed to give the MS4 stormwater personnel to manage and perform stormwater inspections of municipal, commercial, industrial and construction activities. The 3-day seminar teaches federal and state stormwater regulations, the NPDES permit program, and how to implement the MS4 permit's outfall investigations, priorities and watersheds for inspection and property visitation with and without the various NPDES permits assigned for MS4s, construction sites and industrial facilities.

MS4GIT:

MS4 Green Infrastructure Technician

The MS4GIT Course is a 1-day training experience focusing on Green Infrastructure BMPs and their installation & maintenance. Students will learn how to identify and solve issues surrounding proper maintenance, as well as avoid GI failures/ pending.

This course was designed especially for stormwater managers, stormwater engineers and consultants, MS4 inspectors and maintenance crews.

Upon completion, trainees will have learned to:

- Implement correct construction sequencing protocol for BMP's
- Understand how to read a BMP technique plan
- Identify soil moisture and calculate soil / material volumes
- Identify and avoid common failures in BMPs
- Understand maintenance requirements of BMPs
- Identify common problems and solutions for BMPs
- Create a maintenance plan for BMPs and a maintenance plan
- Evaluate plant performance and how to replace failing plants

Click Here to Register

MS4 Stormwater Inspector

4-Hour Online Course

What is a Hot Spot or Highly Visible Pollutant Source (HVPS)? Once you see it causing an illicit discharge, how are you documenting it? Is it a violation? Is it a problem? Is it a construction site or industrial facility?

This course will give you the confidence you need to properly perform a facility inspection. You will learn how to identify the 5 most wet the most common illicit discharges, understanding our watersheds, and that's what this course will help you do!

Click Here to Register

Everyone quotes that we need to keep our stakeholders down and it's the MS4 Stormwater Inspector that makes all the difference in that regard!

CLICK HERE

for a Brief Video & Course Description

Call Rita at 678-469-5120

or if you prefer you can email Rita@npdestraining.com

CLICK HERE TO REGISTER

We're Here to Serve You!

10% Off any course

Click Here

We Must Demand that American Cities Comply with Their Own NPDES Permits!

How can a city government hold a general contractor or industrial operator accountable for NPDES compliance when they themselves are in major violation of their own permit requirements?

The message Los Angeles leaders are sending to their residents when they blow off common sense water quality acts and deficits is inexcusable in America and part of the reason people are leaving Los Angeles. The city (with obvious tolerance from the State) is in violation of its own NPDES permit requirements for trash and bacteria in its waterways. Los Angeles officials have their storm drains run Angeles, Portland, Seattle and others can put their unreliable remedial of their treatment is that we Americans demand that compliance with Clean Water Act NPDES rules & regulations! Every time you go fishing or swim in the lake to take a swim, be grateful for the our NPDES permitting program that makes it all possible. Los Angeles is a prime example of what can happen when municipalities are not held accountable to the rules and enforcement of its NPDES Permits that keeps us safe.

"We all need to view NPDES Permit compliance as an investment in our nation's future quality of life, as our children will also have an equally great place to live, swim, fish, boat and hunt tomorrow!" - S. Luke Owen

Sincerely,

S. Luke Owen, PE MS4/CECI/ SDI/GIT

Director of Training & Technical Trainer

www.npdestraining.com

towen@npdestraining.com

Copyright
NPDES Training Institute 1000 Peachtree Industrial Blvd, Suite B-287 Suwanee, GA 30024 United States (678) 469-5120