

APRIL 2023 NEWSLETTER

REDUCING FLOW & CONTAINING SEDIMENT FAST & ALONG THE WAY!

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Rain vs. sediment: Lessons learned

Recent rains have absolutely hammered constructions sites here in Georgia, Indiana and in many other states in the past few weeks.

My hope is that despite the beautiful blue skies we're now seeing, we learned a lesson when the mud was freely flowing into our roadways and rivers and are now asking ourselves how we can better prevent that from happening again when the next storm hits.

Lessons Learned....GREAT JOB!

MARCH 27th

APRIL 1st

While the answer to preventing sediment from entering our watersheds seems simple to most, it's actually somewhat complicated, with no clear solution that fits all situations. That said, there are **basic principles** that **do** apply to **every** situation, starting with a focus on reducing stormwater volume, velocity and sediment load regardless of the size and location of where your construction project is geographically located.

QUESTION: When water accumulates at the base of a cut and fill slope, what can a stormwater treatment system operator (i.e., NPDES Permittee) do to manage it, so it doesn't flow into the river?

ANSWER: Stabilize the soils as soon as the erosion damage is remedied, maintain the BMPs that were buried with sediment, reduce the volume with operational storm drain inlet protection, spread the flow with diversions, and contain the sediment along the way with check dams, brush barriers, etc.

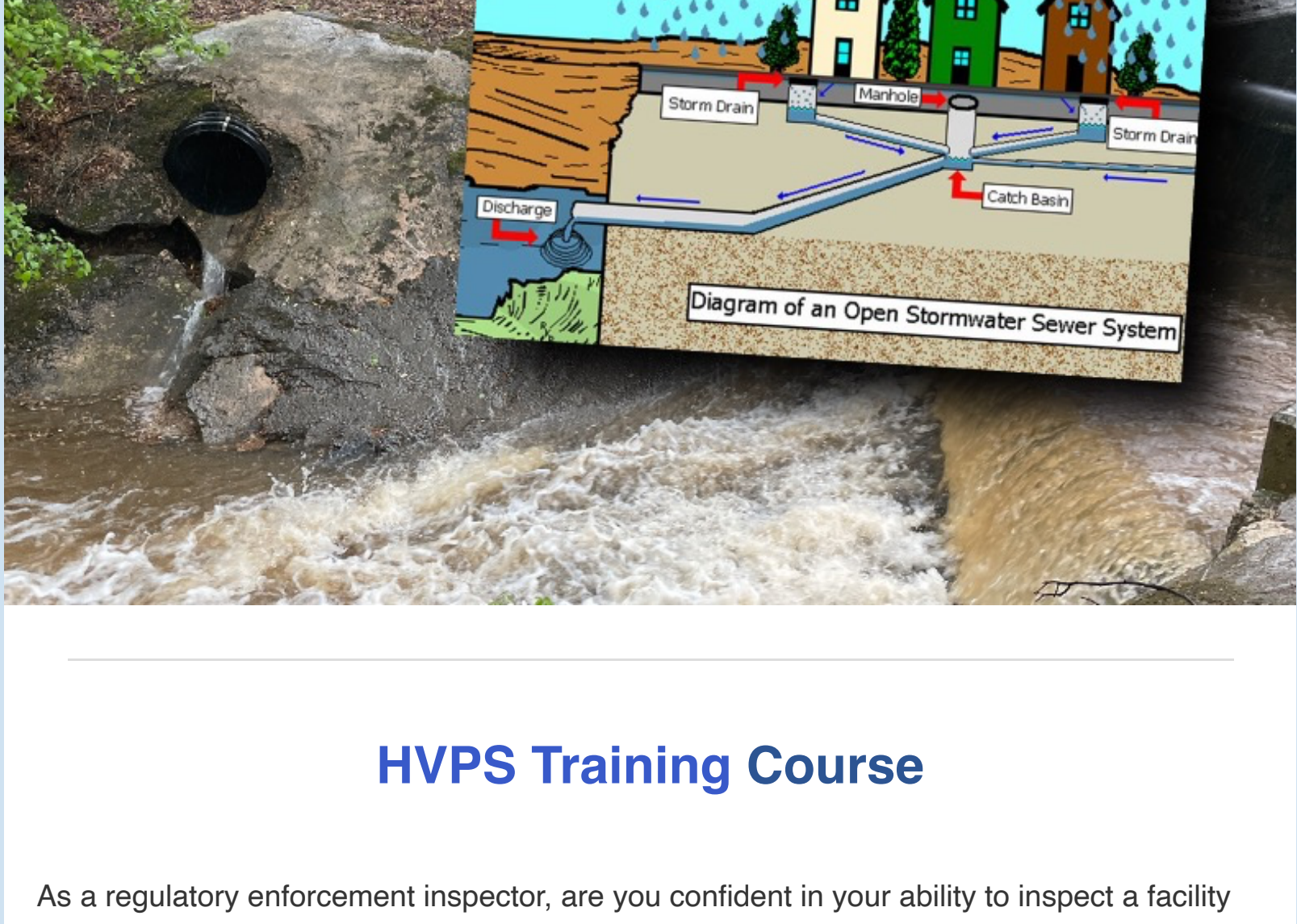
Sincerely,

T. Luke Owen, PG MS4CECI MS4GIT



Evaluating and maintaining stormwater programs

Communities that do not maintain their stormwater programs tend to generate greater USEPA and state permitting authority scrutiny, which garners negative publicity for their programs and their leadership. By evaluating stormwater programs before a federal or state audit, MS4s ensure they meet the state's requirements and expectations, avoid fines and penalties and protect their communities from water pollution to the letter of the law. Stormwater management and pollutant treatment programs take many different forms, tailored to the communities they serve. All MS4 Stormwater Management Programs (SWMPs) have one thing in common: they are regulated to ensure they meet permit requirements. [This article](#) discusses how self-audits can be a useful tool for revealing SWMP deficiencies and allowing stormwater program managers an opportunity to address them before federal and/or state regulators get involved.



HVPS Training Course

As a regulatory enforcement inspector, are you confident in your ability to inspect a facility with a highly visible pollutant source (HVPS)? Industrial and HVPS facilities require extra care to be effective during site inspection and our **HVPS & Industrial Site Stormwater Inspections** course is just the course to give you the knowledge you need to do right by the residents, visitors and aquatic organisms that live near these facilities.

We invite you to consider this 4-hour training which will better prepare you for effective stormwater inspections.

The course will answer many common questions such as:

- Can misunderstanding the definition of an "outfall" or a stormwater "structure" cause your site inspection to be ineffective?
- How do you deal with difficult people during your site inspection?
- Should a HVPS facility be inspected differently than an Industrial Facility? If so, how?
- What is a highly visible pollutant source (HVPS) versus an industrial facility, really?
- What makes the restaurant industry more of a potential watershed polluter than the manufacturing industry?
- What forms and/or questions should the MS4 inspector ask when performing their inspection?

Our dedicated and professional trainers will make sure your questions are answered and that you have taken your knowledge to the next level by the time you complete this course.

Register today for:

HVPS & Industrial Site Stormwater Inspections

June 6, 2023; 8 am–12 pm ET

Location: Buford, GA

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

HVPS

Highly Visible Pollutant Sources

Common Examples

Auto Repair Facilities, Landscape Companies or Gas Stations

Highly Visible Pollutant Sources are areas where land use and/or activities generate highly contaminated runoff with concentrations of pollutants in excess of those usually found in stormwater.

Quick Links

Check Exam Results

Course Schedule

Newsletter Archives

WE GUARANTEE OUR TRAINING!

Our reputation is built on providing YOU the best stormwater education, taught by **EXPERIENCED INSTRUCTORS** that know how to effectively teach!

You NEVER pay twice for the same course you take from us, EVEN if you don't pass the test!

YES!!!

We Can Travel To Where You Work!

Call Us So We Can Help Make Your Job Easier!

For More Information or to Schedule a Class [678-469-5120](tel:678-469-5120) or Rita@npdestraining.com

USES

NOAA DATA

CLICK TO START A FREE TRIAL

For the NPDES Permittee, being able to demonstrate your intent to comply is paramount if you are to be protected from regulatory enforcement actions or third party lawsuits! WaterWatchPRO provides the first step in that regard by relaying 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

Level 1A - Blue Card

Level 1B - Red Card

Level II - Tan/Gray Card

Re-CERTIFICATION COURSES

ONLINE COURSES

GEOS, Site Inspections & State Waters

Trees & Construction, Site Inspections & State Waters

CLASSROOM COURSES

Level 1A, Level 1B or Level II

MS4CECI

MS4 Compliance & Enforcement

Certified Inspector

Initial 2-Day Classroom/Field Course

Recertification 4-Hour Course

Recertification 4-Hour Course Online

Recertification 4-Hour Course Classroom

MS4CECI Course Information

One of our most popular courses, this 2-day seminar is developed and designed specifically for municipal separate storm sewer system (MS4) compliance and enforcement personnel, field inspectors, stormwater managers and consultants, with a focus on MS4 stormwater permit compliance and enforcement responsibilities.

An examination is conducted immediately following classroom instruction. Course attendees are required to achieve a minimum examination score of 70% for their 3-year MS4CECI Certificate.

The MS4CECI course was designed by federal, state and local regulatory personnel as well as stormwater consultants with over 100 years of combined experience in educating MS4 stormwater personnel to manage and perform stormwater inspections of municipal, commercial, industrial and construction activities. The 2-day seminar teaches federal and state stormwater laws as well as local ordinances, and provides instruction on how to perform outfall investigations, prioritize sub watersheds for inspections and properly comply with and enforce 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. Attendees will learn how to identify and solve issues surrounding poor maintenance, as well as avoid GI failures entirely.

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 BMPs
- Understand how to read a BMP landscape plan
- Identify soil mixtures and calculate soil / material volumes
- Identify and select appropriate plants for BMPs
- Understand maintenance requirements of BMPs
- Identify common problems and solutions for BMPs
- Understand how to implement a landscape maintenance plan
- Evaluate plant performance and how to replace failing plants

[Click Here to Register](#)

MS4 Stormwater Inspector

4-Hour Online Course

This course will give you the confidence you need to properly perform a facility inspection. Believe it or not, it's actually fun to work with the compliance community in protecting our watersheds, and that's what this course will help you do!

Everyone agrees that we need to keep our watersheds clean 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](tel: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

Claim Now

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 (see above) is sending their residents when they blow off common sense water quality do's and don'ts is inexcusable in America and part of the reason people are leaving Los Angeles. The city (with obvious tolerance from the State) is willingly violating its MS4 Permit by pressure washing human excrement, syringes and other pollutants directly down their storm drains. Los Angeles, Portland, Seattle and others are just another reminder of how important it is that we Americans demand their compliance with Clean Water Act NPDES rules & regulations! Every time you go fishing or jump in the lake to take a swim, be grateful for the our NPDES permitting program that makes it all possible IF polluters are made to comply. Respecting our neighbors downstream is what America is all about and it's compliance with NPDES Permits that helps us do that!

"We all need to view NPDES Permit compliance as an investment in our nation's future quality of life, so our children will also have an equally great place to live, swim, fish, boat and hunt tomorrow!" – T. Luke Owen

Sincerely,

T. Luke Owen, PG MS4CECI MS4GIT

Owner/Operator, Principal Trainer
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