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Greetings!

Lake Sydney Lanier, located just north of Atlanta, is receiving an overabundant supply of sediment or "dirt" originating from poorly protected NPDES permitted construction sites, otherwise known as Point Sources. What most people don't understand until is that it's illegal for a General



Contractor or home builder to allow stormwater runoff full of sediment, off site. Local governments have been given a lot of authority to prevent it from happening, but their enforcement often ignores a land developers responsibility into not investing into an effective design, installation or maintenance of their best management practices (BMPs).

I love the work I do in stormwater training and consulting! Our staff continues to build a strong network of people in the MS4, construction and industrial communities based on trust! It's my firm belief that most people in our community simply don't understand the importance of being proactive in keeping the dirt and other pollutants out of our watersheds. Let's never forget that NPDES Permit compliance and enforcement are the reasons why American's can fish and swim in most of our urban rivers and lakes today. Compliance and enforcement of local,

state and federal clean water rules makes the difference between America and most other countries in the world!

**CHAPTER 6
NEW BMPs**

FLOATING SURFACE SKIMMER (Sk):

- A SKIMMER DRAINS THE WATER FROM THE TOP ALLOWING CLEANER LESS TURBID WATER TO DISCHARGE FROM THE PONDING AREA.
- EMERGENCY SPILLWAY IS REQUIRED WHEN USING A SKIMMER.
- CAN REPLACE THE RISER PIPE AS THE PRINCIPAL SPILLWAY.
- IF A SKIMMER CAN NOT BE USED A RATIONALE MUST BE GIVEN AND SUBMITTED WITH THE ES&PC PLAN.



[Click Here for a 2-minute video](#)

explaining NPDES Permit compliance in a short easy format. This stresses the point that the end result of a successful construction project cannot just be ending a project under budget and ahead of schedule; but that it must also at the expense of muddying up our rivers and lakes. An integral part of a successful project is also working under an updated erosion and sediment control design, then

installing and maintaining the best management practices (BMPs) that will protect the people and aquatic habitat downstream until the project is complete.

You can contact us at 678-469-5120, visit our website at www.npdestraining.com, or shoot us an email Rita@npdestraining.com to learn more about how we can help you keep our watersheds clean.

Sincerely, T. Luke Owen, PG MS4CECI MS4GIT

Quick Links



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TECH TALK

Tech Talk is a forum for resolving erosion and sediment control and/or construction related problems from a technical perspective. Questions are submitted by the reader; suggestions may be from the NPDES Training Institute, [Southeast Environmental Consultants, LLC \(SEC\)](#) or other sources. The reader is solely responsible for the results, if suggestions are implemented.



Solving Erosion and Sediment Problems In The Field

The problem: Curb inlet sediment traps



Inlet sediment traps are installed in front of curb inlets to trap sediment. They also create problems, such as ponding water (and sediment) on the roadway and creating a driving hazard.



This leaves the contractor in a dilemma. By addressing one problem, another is created! It is easy to see the problem; but difficult to correct!

The solution: Product selection and maintenance

Here are some things to consider-



Be sure that the product is of sufficient height to prevent being pulled into the inlet.



Use an anchoring system that does not extend out into the roadway.

KNOW YOUR DIRT!

It can make all the difference in keeping your dirt on site! Sandy soils are much more erodible and can consequently require more attention to stabilize. Clay soils and top soils are not as erodible, but are much more likely to create a higher turbidity when they are discharged off site.



While most states don't require water sampling; in Georgia, taking water samples and measuring for turbidity is required by the NPDES General Permit. Knowing your soils AND how to meet your permit conditions are extremely important for you, your company and the neighbors, creeks, rivers and lakes downstream!

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 Travel &
Train Where You
Work!**

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



USES



**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 to that demonstration by relaying daily rainfall data without the superintendent having to worry about recording it himself. 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/Grey 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

Initial 2-Day Classroom/Field Course

CLASSROOM - [Click Here](#)

Recertification 4-Hour Course

ONLINE - [Click Here](#)

CLASSROOM - [Click Here](#)



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 Course 4-Hour Online

What is a Hot Spot or Highly Visible Pollutant Source (HVPS)? Once I see it causing an illicit discharge, how am I supposed to inspect one as compared to a construction site or industrial facility?

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

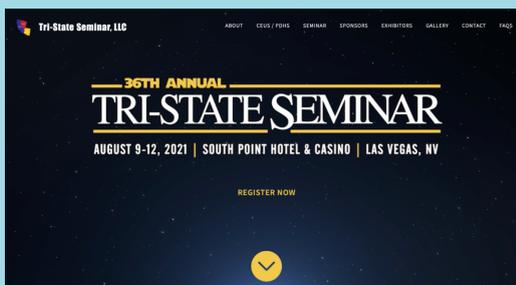
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Luke Owen with the NPDES Stormwater Training Institute has provided a customized MS4 Compliance and Code Enforcement Inspector training at this popular EPA Region 9 seminar for years. Click the Tri-State Seminar photo

on the left to learn more about this powerful seminar for Arizona, California and Nevada water quality professionals. August 9, 2021

Luke Owen with the NPDES Stormwater Training Institute is also proud to provide the 2-day MS4 Compliance and Enforcement Certified Inspector training as well as speaking services at this excellent regionally based seminar.

Click the Indiana MS4 Partnership photo to learn more about this powerful stormwater-focused seminar for Indiana MS4s and consulting companies. October 26, 2021



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 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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