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APRIL 2020 NEWSLETTER





www.NPDEStraining.com 678-469-5120

NPDES Stormwater Training Institute

Erosion Prevention, then Sediment Control!

No matter how you slice it, if erosion prevention is not considered paramount, there will be significant erosion and discharges of mud in excess of natural sedimentation rates to our rivers and lakes. We must focus on ground cover as a primary best management practice (BMP).

While the design, installation and maintenance of structural measures like silt fences, check dams and detention ponds are important, underestimating the volume and velocity of stormwater runoff is often the reason discharges of sediment occur into our watersheds.



An Erosion Prevention Focus is Not Just a Good Idea, It's Actually Necessary!

This short video demonstrates the importance of viewing soil stabilization measures like mulch, grass and tackifiers as critical components of maintaining healthy creeks, rivers and lakes!



Erosion Prevention
Equals
Fishable Rivers



No Erosion Prevention

Equals

No Fish In Our Rivers

WE ARE HERE & READY TO SERVE YOU SAFELY!

CALL US at 678-469-5120 or Email Rita@npdestraining.com

UPCOMING CLASSES INITIAL CERTIFICATION COURSES



Level 1A Fundamentals Blue Card

Click Here

Level 1B Advanced Fu ndamentals Red Card Click Here

Level II Intro to Design Tan / Gray Card for Design Pros (Tan Card) and Plan Reviewers (Gray Card)

Click Here



Training Outside the Box

RECERTIFICATION COURSES - CLASSROOM

Classroom

Level 1A - Level 1B or Level II Click Here

<u>Online</u>

Understanding GEOS, the NPDES General Permit & State Waters Click Here

Trees and Their Design in Construction Click Here

Call us at 678-469-5120 or Email Rita@npdestraining.com

MS4CECI

MS4 Compliance & Enforcement Certified Inspector

Classroom

MS4CECI 2-Day Classroom/Field Course Click Here

MS4CECI - Classroom RECERTIFICATION Click Here

If you prefer, call us at 678-469-5120 or



MS4GIT

MS4 Green Infrastructure Technician Click Here



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



Snow Melt and Rain Runoff Reduction

WE GUARANTEE OUR TRAINING

The NPDES Stormwater Training Institute promises to deliver more!

Our reputation is built on providing YOU some of the best stormwater education, taught by experienced instructors, that you'll find anywhere!

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

IN THIS ISSUE

UPCOMING CLASSES

The NEW GREEN BOOK and FIELD MANUAL

AMERICA's WATERSHEDS

Quick Links

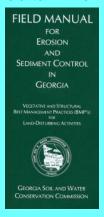
TECH TALK by Dr. Jim Spotts

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



CHECK EXAM RESULTS COURSE SCHEDULE NEWSLETTER ARCHIVES

BUY THE NEW 2016 FIELD MANUAL
The NEW 2016 version of the FIELD
MANUAL. It is NOT THE GREENBOOK.







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Green Book here!

AS OF JULY 1, 2016 ONLY THE 2016 EDITION GREENBOOK



Recent rains have produced high volumes of sediment which is overwhelming poorly installed silt fences, causing wood posts to come out of the ground and the fabric to detach from the posts. In areas where the slope is

greater than 20%, a flat area length of 10 feet between the toe of slope to the barrier should be provided.

Poor installation and maintenance techniques are generally the cause,

so make sure when installing your silt fence that stakes are properly buried (at least 18 inches below ground surface), and that the fabric is trenched in at least 6" deep. Also, use more staples when affixing the fabric to the wood posts



<u>Click Here for more design,</u> <u>installation & maintenance</u> <u>directions</u>

if heavy sediment loads can be forecasted below a slope.

This will ensure that the fabric doesn't tear away from the stake.

To sign up for a special field training for site inspections and monitoring, call us at 678-469-5120 or email Rita@npdestraining.com

ACCESS WATER

A TECHNICAL RESOURCE

Stormwater professionals work in many different settings on various types of devices, and frequently need to be able to instantly access and share technical content. To help meet this need.



the **Water Environment Federation (WEF)** has released a resource called <u>Access Water</u>, a portal that organizes information and technical content relevant to the water sector

CAN BE USED IN GEORGIA.



START A FREE TRIAL

CODE: "NPDES"

NOW CAPABLE OF

DOWNLOADING PAST RAIN

EVENT DATA!



POND GUIDE for LAND OWNERS



NEED HELP with Site Inspections or erosion control problems! CALL JIM SPOTTS 770-216-9514

southeastenvironment alconsultants.com

into a single, central location. Developed by water sector professionals, this platform provides approximately 20,000 pieces of content, including conference papers, magazine articles, technical reports, fact sheets, compilations, and books.

10% DISCOUNT

Contact Rita at 678-469-5120 for your 10% Discount on any course!

USE CODE
CleanWater!

HERE'S TO TIGHT LINES & GOOD TIMES in Clean, Abundant Water!



COVID-19, originating in China, is just another reminder of how important it is that America complies with our water quality rules and 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. Respecting our neighbors downstream is what America is all about and it's the NPDES permit that helps us do that!

Permit compliance is an investment in our nation's future generations, so our children will also have an equally great place live, swim, fish, boat and hunt tomorrow!



Sincerely, NPDES INSTRUME T. Luke Owen, PG MS4CECI Owner/Operator

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