

**LOCAL PROGRAM REGIONAL
COLLABORATION IN THE
PIEDMONT/TRIANGLE REGION**

Presented by:

**Heather Keefer,
Town of Holly Springs**


**Holly Miller,
Town of Wake Forest**

BACKGROUND/NEED


- Extreme Growth
- New Regulations
- New Local Programs



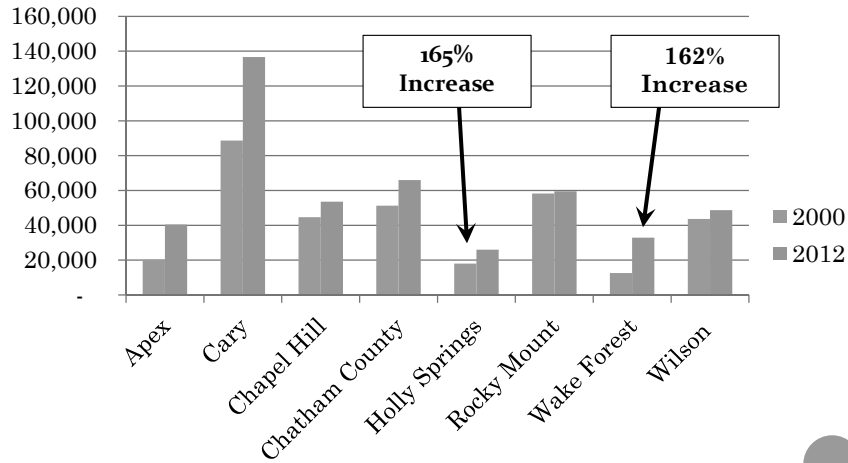
ANNUAL MEETING

- Started pre-2000
 - Get together to discuss issues, standardize design specifications, laws, regulations
 - Discuss problems
 - Discuss new materials
 - Coordination with Raleigh Regional Office
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GROWTH IN THE TRIANGLE

- Many municipalities doubled in size in past ten years
 - Holly Springs
 - 18,000 to 26,000
 - Wake Forest
 - 15,000 to 35,000
- 

POPULATION GROWTH IN TRIANGLE REGION- LOCAL GOV'T UNDER 100,000 PEOPLE



NEW REGULATIONS

- o Falls Lake Rule
- o Jordan Lake Rule/Cape Fear
- o Neuse Riparian Buffer Rule
- o Tar-Pam Buffer Rule
- o NPDES Stormwater
- o Others



NEW LOCAL PROGRAMS

- Similar programs across the board
- Many less than 1 acre for permits
- Same contactors
- Same problems
- Same fines and fees



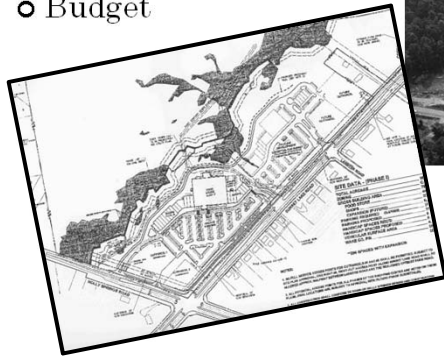
CONTRACTOR TRAINING

- Need to educate contractors
- Standard practices/installation techniques
- Provide E&SC program updates
- Get to know other Local Programs
- Ask questions



CONTRACTOR TRAINING

- Preparations
- Agenda
- Budget



Heather's Calendar



Calendar - heather.keefe@Hollyspringsnc.us - Outlook

FILE HOME SEND / RECEIVE FOLDER VIEW

Calendar navigation: Today, Next 7 Days, Day, Work Week, Week, Month, Schedule, View, Open Calendar, E-mail, Share, Publish, Calendar, Calendar Online - Permissions, Address Book, Search People

Calendar view: September 30 - October 4, 2013

Calendar events:

- 301 Grigsby Ave Cont A Scan System
- CWEP Meeting (Nov) White Deer Park Heather Keefe
- SWANC Meeting
- Lunch
- Preliminary
- end Email for Annual contractor Training

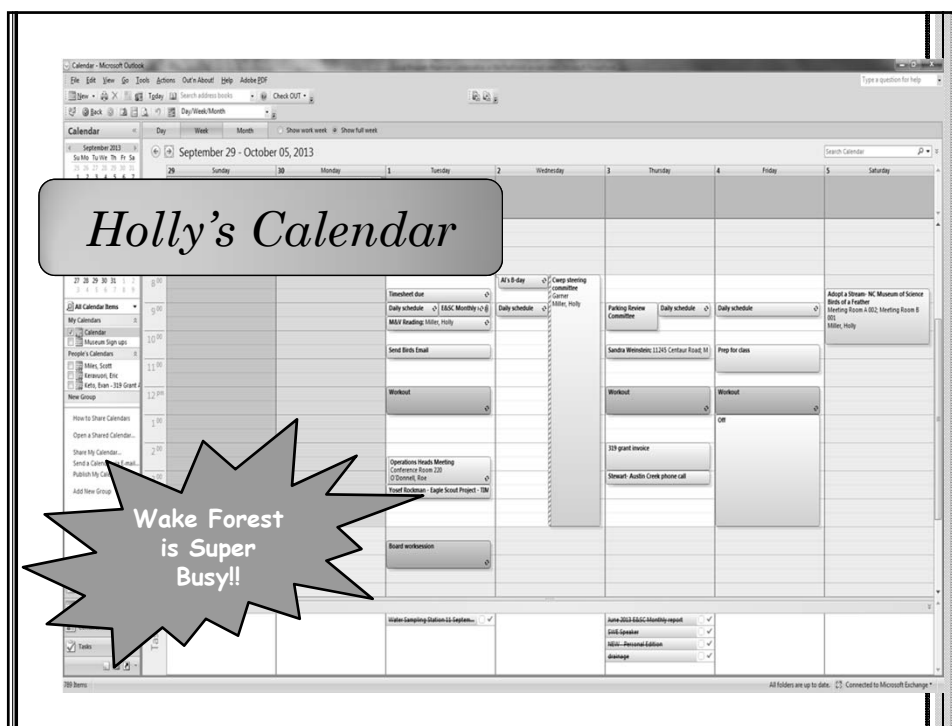
Pop-up window:

Send Email for Annual Contractor Training

Start: 10/4/2013 4:00 PM
End: 10/4/2013 5:00 PM
Reminder: None

Mail Calendar People Tasks

THIS FOLDER IS UP TO DATE. CONNECTED TO: MICROSOFT EXCHANGE



Kirk ... finally gets the ball rolling

From: Kirk Stafford [<mailto:Kirk.Stafford@townofcary.org>]
Sent: Friday, October 11, 2013 2:35 PM
To: Todd Hoefler; Ben Brown; Chris Roberts; Heather Keefer; Holly Miller; Melinda Clarke;
 Mike Horan; michael.deaton@apexnc.org; Natalie Landry; Rachael Thorn;
rivins@orangecountync.gov; sburke@townofchapelhill.org; Stan Fortier; Wesley Poole
Cc: Matthew Flynn; Billy E. Lee; gray.hauser@ncdenr.gov; matt.poling@ncdenr.gov
Subject: 2013 Contractor Training

Hello Everyone,

It's that time of year again for Cary to conduct erosion control contractor training. I wanted to see if anyone was interested in conducting this training as a group as we have done successfully many times in the past. I am thinking some time in November might be good for a half day session. Please let me know who is interested and who might like to host the session and any ideas on formats. Thanks and have a great weekend.

Kirk Stafford CESSWI
 Stormwater Engineering Tech
 Town of Cary Engineering Department
 316 North Academy Street
 Cary, NC 27512-8005
 919-462-3886
kirk.stafford@townofcary.org

Tue 11/12/2013 2:54 PM
 Wesley Poole <wpoole@orangecountync.gov>
 RE: Room Layout and Topics for Contractor Training - Please Reply

To: Heather Keefe
 Cc: Steve J Kalterbach
 You replied to this message on 11/13/2013 12:14 PM.

Orange County will have (2) for lunch and we'll bring some snacks (muffins, cookies, etc.) and OJ.

From: Heather Keefe (mailto:heather.keefe@Hollyspringsnc.us)
Sent: Tuesday, November 12, 2013 11:20 AM
To: Kirk Stafford; (todd.boeffer@townofcary.org); Stan Fortier; Lauren Witherspoon (lauren.witherspoon@raleighnc.gov); Brock ...; M ...; Melinda Clark@wakegov.com; Natalie Landry; Rachael Thorn (rachael.thorn@chathamnc.org); croberts@dcconc.gov; Wesley Poole; Matt Poling@ncdenr.gov; Pageau, Karyn
Subject: RE: Room Layout and Topics for Contractor Training - Please Reply

Here are the stats for training next week... Please check your lunch RSVP, help fill in the blanks for EC table topics and sign up for refreshments.

Organization	Lunch	EC Topic Tables	Refreshments
Apex	1	Devices	
Cary	2	Stabilization	
Holly Springs	3-4	Self-Inspection/ NPDES	Coffee
Raleigh	?	?	
Wake Forest	1	Self-Inspection/ NPDES	
Wilson	0	N/A	
Chatham Co.	0	?	
Durham Co.	1	?	
Orange Co.	1	Devices	
Wake Co.	7	1- Devices 1- Stabilization	
DEMLR - Central Office	2	DEMLR	

Wesley will bring the OJ!

Coordination & Reminder Emails

Mon 11/4/2013 3:58 PM
 Hauser, Gray <gray.hauser@ncdenr.gov>
 RE: 2013 Erosion Control Contractor Training - Action Items

To: Heather Keefe

I heard there was food, so Matt Poling and I are attending.

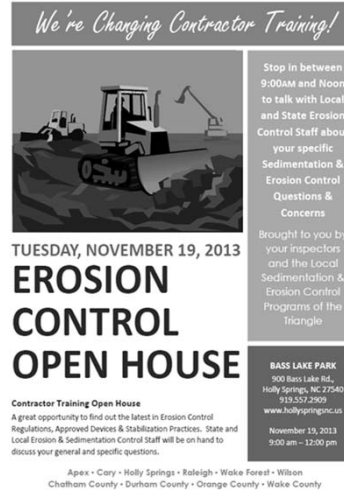
T. Gray Hauser, Jr., PE
 State Sedimentation Specialist
 N. C. Department of Environment and Natural Resources
 Division of Energy, Mineral and Land Resources, Land Quality Section
 1612 Mail Service Center
 512 North Salisbury Street
 Raleigh, North Carolina, 27699-1612

Get DEMLR Staff to Help You Out

Lunch & Annual Meeting

CONTRACTOR TRAINING, CONTINUED

- GC contractor list for region
- Email out invitations
- Presentations
 - vs. open house style
- Reminder emails



We're Changing Contractor Training!

Stop in between 9:00AM and Noon to talk with Local and State Erosion Control Staff about your specific Sedimentation & Erosion Control Questions & Concerns

Brought to you by your inspectors and the Local Sedimentation & Erosion Control Programs of the Triangle

TUESDAY, NOVEMBER 19, 2013
EROSION CONTROL OPEN HOUSE

Contractor Training Open House
 A great opportunity to find out the latest in Erosion Control Regulations, Approved Devices & Stabilization Practices. State and Local Erosion & Sedimentation Control Staff will be on hand to discuss your general and specific questions.

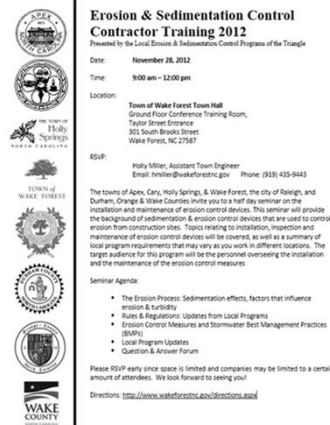
BASS LAKE PARK
 900 Bass Lake Rd.,
 Holly Springs, NC 27540
 919.537.2909
 www.hollyspringenc.gov

November 19, 2013
 9:00 am – 12:00 pm

Apex • Cary • Holly Springs • Raleigh • Wake Forest • Wilson
 Chatham County • Durham County • Orange County • Wake County

EXAMPLE OF TRAINING AGENDA

- The Erosion Process: Sedimentation effects, factors that influence erosion & turbidity
- Rules & Regulation Updates
- EC Measures & Stormwater BMPs conversion
- Local Program Updates
- Question & Answer Forum



Erosion & Sedimentation Control Contractor Training 2012
 Presented by the Local Erosion & Sedimentation Control Programs of the Triangle

Date: November 28, 2012
 Time: 9:00 am – 12:00 pm
 Location: Town of Wake Forest Town Hall, Ground Floor Conference Training Room, Taylor Street Entrance, 305 South Woods Street, Wake Forest, NC 27587

RSVP: Holly Miller, Assistant Town Engineer
 Email: hmiller@wakeforestnc.gov Phone: (919) 435-9443

The towns of Apex, Cary, Holly Springs, & Wake Forest, the city of Raleigh, and Durham, Orange & Wake Counties invite you to a half day seminar on the installation and maintenance of erosion control devices. This seminar will provide the background of sedimentation & erosion control devices that are used to control erosion from construction sites. Topics relating to installation, inspection and maintenance of erosion control devices will be covered, as well as a summary of local program requirements that may vary as you work in different locations. The target audience for this program will be the personnel overseeing the installation and the maintenance of the erosion control measures.

Seminar Agenda:

- The Erosion Process: Sedimentation effects, factors that influence erosion & turbidity
- Rules & Regulations: Updates from Local Programs
- Erosion Control Measures and Stormwater Best Management Practices (BMPs)
- Local Program Updates
- Question & Answer Forum

Please RSVP early since space is limited and companies may be limited to a certain amount of attendees. We look forward to seeing you!

Directions: <http://www.wakeforestnc.gov/directors.aspx>



SUMMARY

- Additional Resources
- Teamwork
- Contractor Education
- Opportunity for Improvement