

# SEDIMENTS

*Newsletter of the North Carolina Sedimentation Control Commission*

## *About Sediments*

**SEDIMENTS** is a newsletter published by the State of North Carolina's Department of Environmental Quality's Division of Energy, Mineral, and Land Resources and the North Carolina Sedimentation Control Commission to provide information and assistance to the regulated community and to facilitate communication among personnel of state and local erosion and sedimentation control programs.

Sediments is available in electronic form at:

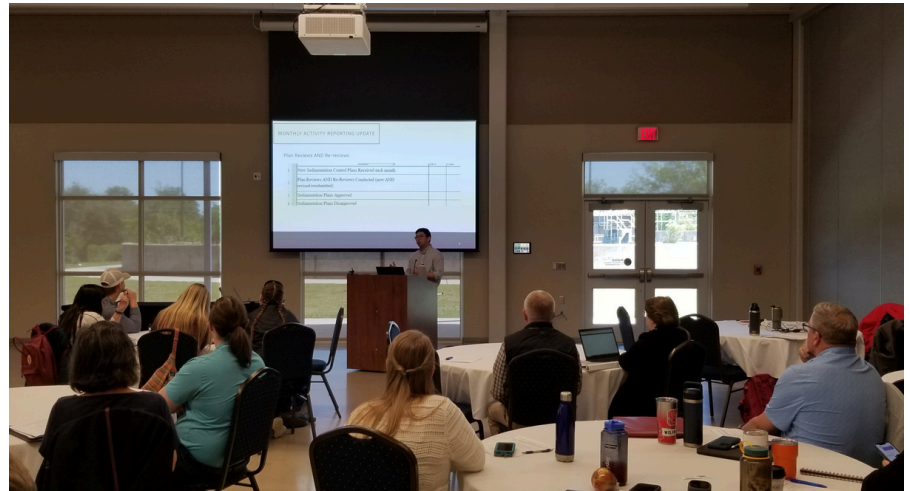
<https://deq.nc.gov/SEDIMENTS>

And via the WRI Sediments listserv.

To subscribe follow the directions at:

<https://wri.ncsu.edu/contact-us/listserv/>

Send comments to the [Sediment Education Specialist](#).



## 2024 Local E&SC Programs Workshop & Awards Program

*Presented by: NC DEQ - Land Quality Section*

*In partnership with: Water Resources Research Institute of the University of North Carolina System*

This year the annual Local Programs Workshop and Awards Program was presented via a hybrid format on April 23-24, 2024, at the Sturgeon City Environmental Education Center in Jacksonville, NC. This annual workshop brought together delegates from a majority of the 54 local programs throughout the state. Approximately 73 people attended both days in person, and approximately 110 people attended the virtual workshop on both days. The workshop was focused on regulatory updates, local program audits, and best management practices topics.

*cont'd p.2*





*Town of Cary receives the 2024 Local Program Award. Pictured from left to right: Julie Coco, NCDEQ; Charles Brown, Will Feely and Mike Thompson of the Town of Cary; Graham Parrish, NCDEQ.*

## **2024 Local E&SC Programs Workshop & Awards Program**

*Cont'd from page 1*

Support for the Workshop and Awards Program is provided by the North Carolina Sedimentation Control Commission, NC Department of Environmental Quality, Division of Energy, Mineral, and Land Resources, Land Quality Section (NC DEQ-DEMLR-LQS), and the Water Resources Research Institute of the University of North Carolina System.

Local erosion and sediment control programs have the ability to exercise greater control over erosion and sediment control in their respective jurisdictions and may often inspect sites more frequently than the state erosion and sediment control program. Furthermore, local erosion and sediment control program ordinances may be more restrictive than state law, giving additional control over erosion and sedimentation during the development occurring within their respective jurisdictions. The North Carolina Sedimentation Control Commission recognizes the importance and the value of local erosion and sediment control programs in controlling pollution by sedimentation to the waters of North Carolina. In addition to training, the Annual Local Programs Workshop seeks to recognize outstanding local programs. Each year awards of excellence are presented to up to two outstanding local programs. This year, the nominees were all evaluated together. The evaluation period runs from the Spring of 2023 through the Spring of 2024. Thank you to all who took the time to provide a nomination.

*cont'd p.3*

# 2024 Local E&SC Programs Workshop & Awards Program

*Cont'd from page 2*

The Town of Cary was awarded the 2024 Local Program Award for Excellence. They last won the award in 2008 and prior to that in 2002 and in 1998. The Town of Cary administers and enforces erosion and sediment control within their corporate limits plus within their extraterritorial jurisdiction. At the time of the awards, Town of Cary had four full-time equivalent positions that oversee approximately 70 projects.

The Town of Cary has one of the highest inspection frequencies in the state; and despite having recent staff changes they have worked hard to ensure new staff are properly and quickly onboarded and trained, all while maintaining performance expectations. The Town of Cary conducts weekly inspections on open sites to ensure compliance. Non-compliance results in a Notice of Violation. The Town of Cary will also place holds on certificates of occupancy and/or deny an early grading permit to bring a site into compliance. Due to material shortages over the past few years, The Town of Cary now requires that stormwater infrastructure and larger erosion and sediment control measures are onsite prior to issuing the grading permit. This ensures that work isn't halted during a vulnerable stage due to a material delay. With only 18% of the Town's planning and zoning area undeveloped, the 2040 Community Plan (adopted in 2017) calls for increased natural buffers and for supporting development on infill and redevelopment sites.

In addition to focusing on compliance the Town of Cary also prioritizes public engagement, education, collaboration and communication. They hold biennial workshops with various stakeholders to discuss construction and post construction issues. They distribute information at local festivals and produced Water Quality Education videos in collaboration with the Clean Water Education Partnership. They also provide information in Spanish. The Town also has programs for all ages on water quality at Hemlock Bluffs Nature Preserve. Town of Cary staff are associated with American Public Works Association (APWA) and the Stormwater Association of North Carolina (SWANC) where they collaborate to address issues faced by municipalities. Town of Cary staff also meet locally with other municipalities to discuss topics that affect them regarding stormwater and erosion control issues.

More information on the Town of Cary's Erosion and Sediment Control Program can be found at: <https://www.carync.gov/services-publications/water-sewer/stormwater-management/erosion-and-sedimentation-control>

*cont'd p.4*

# 2024 Local E&SC Programs Workshop & Awards Program

*Cont'd from page 3*

Congratulations again to the Town of Cary in recognition of their excellence in erosion and sediment control.

The programs that were nominated for the awards this year include:

- Town of Cary
- Durham County
- Town of Knightdale
- Lincoln County

## Save the Dates

December 5, 2024 - NC E&SC Workshop

Formerly known as the NC Erosion and Sediment Control Design Workshop. This workshop is meant to educate and familiarize design professionals, contractors, and developers with new erosion and sediment control requirements and practices, and also fulfills professional development hours. This workshop is presented by NC DEQ – Land Quality Section in partnership with the Southeast Chapter of the International Erosion Control Association ([SE-IECA](#)) and [NCSU Department of Crop & Soil Sciences](#).

Registration and agenda information will be posted to the [workshop's event page](#) as it becomes available.

April 23 & 24, 2025 - Local Program Workshop

The Local Program Workshop is an annual event presented by NC DEQ – Land Quality Section in partnership with the NC Water Resources Research Institute to educate and train local erosion and sediment control programs' staff. The workshop also provides an opportunity for Local Programs to connect, learn from each other, and share challenges, strategies and successes of managing erosion and sediment throughout the state. As this event is specifically for the local governments that have delegated E&SC programs registration and workshop information will be sent directly to these programs.

Want to present at one of these workshops?

Relevant topic proposals can be emailed to NC DEQ's [Sediment Education Specialist](#). Presentations advertising specific products/companies are not accepted.



## Annual Hurricane Weather Advisory for Construction Sites

Act Now to Reinforce your BMPs to Prepare for Multiple Impacts

*By Julie Coco, PE, DEQ-DEMLR, State Sedimentation Engineer*

*Originally Published in the Sediment Newsletter, Volume 24 No 1: 5-6*

As we once again enter hurricane season, there exists the possibility that sites in development will be adversely impacted, regardless of the measures that are in place to control stormwater and sediment runoff. However, proper planning can minimize damage and the work effort to restore the site to pre-storm conditions. Below are some suggestions for pre-storm preparation, and conditions under which land-disturbing activities may be necessary.

### Suggested Actions Prior to the Storm Include:

- Cease any new grading or land disturbances that will not be paved or otherwise structurally stabilized. The freshly exposed bare soil will not have time to stabilize prior to the storm.
- Secure any construction materials that may become airborne during the storm.
- Haul away waste materials.
- Seal and secure or otherwise protect containers holding equipment fluids, liquid building material waste, flocculants, herbicides, pesticides, rodenticides, or other hazardous or toxic wastes from leaks or spills. Hazardous materials should be removed from the site if they cannot be contained in an enclosed building and stored away from windows.
- Dewater sediment basins in a manner permitted by your E&SC Plan Authority.
- Ensure emergency spillways on basins and traps are fully functional. Secure any loose filter fabric, rock, or liners.
- Clean out culverts, outfalls, inlets, ditches, or other conveyances as needed to prevent clogging. Ensure outfalls are stabilized per your approved plan.
- Catch basins or curb inlets with inserts used to filter sediment from the storm drain system can be temporarily removed to prevent street flooding.
- Complete, as time permits, any restoration efforts underway in streams, buffers, wetlands, etc.
- Secure or temporarily remove document boxes and their contents.

*cont'd p.6*

# Annual Hurricane Weather Advisory for Construction Sites

*Cont'd from page 6*

## After the Storm:

- Do not touch any downed powerlines or equipment in contact with powerlines.
- Avoid driving or working in flooded areas or non-workable soils. Be on the lookout for washed-out or undermined roads. Avoid bodily contact with floodwaters.
- Check and record rain gauges. If the gauge has been damaged, document the reasoning for it and why you are unable to obtain an accurate reading from this source. Precipitation estimates for your region may be found online.
- Report any spills, sediment releases into jurisdictional waters, unanticipated bypasses to stormwater devices, upsets, or non-compliance issues that may endanger health or the environment to the appropriate DEQ Regional Office within 24 hours of discovery.
- Repair or replace damaged waste or fluid containers.
- Clean and reinstall any catch basin or curb inlet inserts removed prior to the storm.
- Clean up off-site sedimentation immediately (excluding that released into riparian buffers or jurisdictional waters needing a restoration plan).
- Reinstall the document box, if removed prior to the storm.
- Remove debris from culverts, outfalls, inlets, ditches, or other conveyances on the project, and evaluate for stability. Make necessary repairs.
- Repair any damaged erosion and sediment control measures to restore their full functionality in accordance with the plan.

## Emergencies:

Repairs made to protect human life, and which involve land-disturbing activities are considered emergency repairs. Such repairs may be made without prior approval. In accordance with 15A NCAC 04B.0130, you shall notify the DEQ Director of the Division of Energy, Mineral and Land Resources, or his/her designee, of such repairs as soon as reasonably possible, but in no event later than five (5) working days after the emergency ends. Additionally, you shall take all measures necessary to protect all public and private property from damage caused by your repair as soon as possible, but no later than fifteen (15) working days after the emergency ends. Under emergency conditions, approval without a permit may be given on a case-by-case basis to discharge pumped stormwater to surface waters in an effort to minimize flooding. The definition of “Emergency Conditions” is water on streets at a depth of 14 inches that restricts emergency vehicles from responding to the needs of the public. Contact the DEQ office in your region for assistance.



## The Online Erosion and Sediment Control Application

Applications for the Erosion and Sediment Control (E&SC) Program are available online through the Department of Environmental Quality's [AccessDEQ digital hub](#).

Part of DEQ's initiative to modernize and streamline its environmental permitting processes, AccessDEQ is designed to support the regulatory cycle while allowing the public to efficiently conduct business with the department. AccessDEQ provides convenient public access to:

- **Permit Applications:** Select permit applications are now available online. As AccessDEQ continues to expand, more permits across our regulatory divisions will be available for online applications.
- **Online Public Records:** AccessDEQ provides instant public access to many DEQ documents and files.
- **Maps & Data:** Interactive maps and data tools, including environmental sampling data from key divisions will be accessible in one place.

The E&SC online system encompasses all aspects of the permitting process, including submitting and tracking applications, online payment options, plan reviews and compliance actions issued under the Sedimentation Pollution Control Act. Applicants can apply to any regional office\* through the AccessDEQ portal. The portal may be used to apply for standard reviews or those through the Express Review Program. Once your application/plan has been approved, you can log in to the portal to view the details of your permit, update ownership or contact information, or submit a request for a plan revision.

\*For projects that fall under the jurisdiction of a delegated [Local Program](#) contact the appropriate agency for application and fee submission requirements.


*cont'd p.8*



## The Online Erosion and Sediment Control Application

*Cont'd from page 7*

To get started using the E&SC online system on AccessDEQ, first you must register to create an account. Go to the AccessDEQ portal, located at <https://www.deq.nc.gov/accessdeq>, scroll down, and click on the 'Erosion and Sediment Control Application' block then click on the register link. Complete the registration information and then confirm your email address. Once your email is confirmed you'll be able to log in to your newly created AccessDEQ portal account. Upon logging in for the first time you will be prompted to set up security questions and sign the Electronic Signature Agreement. If you are a financially responsible person, known as the responsible official (RO) within AccessDEQ, or their designated responsible official (DRO) you must also complete the Identity Proofing requirement within AccessDEQ before you are able to submit the E&SC permit application online. The purpose of identity-proofing is to ensure that the person interacting electronically with NCDEQ is the person who they say they are. The identity-proofing component of AccessDEQ is provided via integration with EPA and their 3rd party partner Lexis-Nexis. Once you've completed the identity-proofing you are ready to start the online E&SC permit application!

If you have questions about AccessDEQ or need help troubleshooting anything within this online system you can click '[Contact Us](#)' from the help  drop down menu on the [log-in](#) page or within AccessDEQ.

More information and guidance documents can be found at:

<https://www.deq.nc.gov/ESCforms>

<https://portal.deq.nc.gov/help/user-guides>

<https://portal.deq.nc.gov/help/faqs-and-acronyms>

<https://portal.deq.nc.gov/help/troubleshooting---tips-suggestions>



## *The NC Sedimentation Control Commission*

The Sedimentation Control Commission (SCC) was created to administer the Sedimentation Control Program pursuant to the NC Sedimentation Pollution Control Act of 1973 (SPCA). It is charged with adopting rules, setting standards, and providing guidance for the implementation of the Act. The composition of the Commission is set by statute to encompass a broad range of perspectives and expertise in areas related to construction, industry, government, and natural resource conservation and quality. All members are appointed by the Governor and serve three-year terms, except for the Director of the Water Resources Research Institute of the University of North Carolina, who serves as long as they remain Director. The chairman of the SCC is named by the Governor.



## **NC SCC: February Actions**

At its hybrid meeting on February 21, 2024, the NC Sedimentation Control Commission (SCC) took the following actions:

### Delegated Local Programs

- Johnston County: Voted to continue their delegation authority with review for 6 months.
- Town of Clayton: Voted to continue their delegation authority with review for 3 months.
- Jackson County: Voted to continue their delegation authority.
- Wake County: Voted to continue their delegation authority.
- Town of Southern Pines: Voted to continue their delegation authority with review for 3 months.
- City of Charlotte: Voted to continue their delegation authority.
- Town of Waxhaw: Voted to continue their delegation authority with review for 3 months.
- County of Lincoln: Voted to approve their ordinance

## **NC SCC: May Actions**

At its hybrid meeting on May 23, 2024, the NC Sedimentation Control Commission (SCC) took the following actions:

### Delegated Local Programs

- Town of Southern Pines: Voted to continue their delegation authority.
- Town of Waxhaw: Voted to continue their delegation authority.
- Town of Clayton: Voted to place the program's delegation on probation with a review in 3 months.

*cont'd p.10*

## The NC SCC Members

### Chair:

Dr. Susan White

Water Resources Research Institute

### Commissioners:

Mr. Steven Wilson

NC Home Builders Association

Ms. Marion Deerhake

NC Environmental Management  
Commission

Mr. Michael Taylor

Associated General Contractors

Mr. James Lamb

NC Soil and Water Conservation  
Commission

Mr. Benjamin Brown

NC League of Municipalities &  
Association of County Commissioners

Dr. Rich McLaughlin

NCSU, Dept. of Soil Science

Mr. Mark Taylor

Professional Engineers of NC

Mr. Ryan Carter

Non-governmental Conservation

Ms. Emily Sutton

Non-governmental Conservation

Mr. David Beck

NC Public Utilities

Dr. Kenneth Taylor

NC Mining Commission



## NC SCC: May Actions

*Cont'd from page 9*

- Mecklenburg County: Voted to continue their delegation authority.
- Orange County: Voted to continue their delegation authority.
- Haywood County: Voted to continue their delegation authority.
- Provided an informal review of the proposed changes to the memorandum of agreement between local governments and the Commission

## NC SCC & Committee Information

The SCC currently has three active subcommittees, including the Civil Penalty Remissions Committee, the Commissions Technical Committee, and the Ad-hoc Committee. The SCC also plans to reform the Education Committee in the near future and those interested in serving on the committee should contact NCDEQ-DEMLR-E&SC Central Office Staff.

Meeting dates, times, location information and materials for scheduled meetings of the SCC and its Committees can be found on the SCC's website:

<https://deq.nc.gov/about/divisions/energy-mineral-land-resources/sedimentation-control-commission>

## Upcoming SCC Meetings

Thursday, Nov. 21, 2024

2025 Dates TBD

All meetings are at 10:00 am  
Ground Floor Hearing Room  
Archdale Building

512 N. Salisbury Street Raleigh, NC

*Schedule and location of meetings is subject to change. Public notice of any changes will be given pursuant to NCGS 143-318.12*



**WE ARE  
HIRING**

**Environmental  
Enthusiasts**



## **Why Apply to Work for NC DEQ?**

Make an impact: Join a team dedicated to improving the health and prosperity of all North Carolinians!

- Growth Opportunities: Professional development and offers career advancement.
- Culture: Value of collaboration, creativity, innovation, diversity, and teamwork.
- Competitive Benefits: Options that will enhance your quality of life, health, wellness, and future.

Check out our job postings here: <https://lnkd.in/g2UXSVqd>

# LQS Regional Offices' Contact Information

Personnel of the Land Quality Section (LQS) of the NC Department of Environmental Quality provide information and assistance for the implementation of the NC Erosion and Sedimentation Control Program. For assistance, please contact the appropriate Regional Office or the Raleigh Central Office listed below:

Asheville Regional Office

Phone: (828) 296-4500

Regional Engineer:

Stanley Aiken

Raleigh Regional Office

Phone: (919) 791-4200

Regional Engineer:

Bill Denton

Winston-Salem Regional Office

Phone: (336) 776-9800

Regional Engineer:

Tamera Eplin

Fayetteville Regional Office

Phone: (910) 433-3300

Regional Engineer:

Tim LaBounty

Washington Regional Office

Phone: (252) 946-6481

Regional Engineer:

Samir Dumpor

Raleigh Central Office

Archdale Building

Phone: (919) 707-9220

Mooresville Regional Office

Phone: (704) 663-1699

Regional Engineer:

Jerry Eplin

Wilmington Regional Office

Phone: (910) 796-7215

Regional Engineer:

Dan Sams

## Who Do I Call?

If you have questions or concerns related to erosion and sedimentation control or off-site sedimentation from construction in NC, contact the appropriate local program, LQS regional office, LQS central office or the toll-free hotline.



Local program information:

<https://www.deq.nc.gov/about/divisions/energy-mineral-and-land-resources/erosion-and-sediment-control/local-erosion-and-sediment-control-programs>

Toll-Free Hotline:

1-866-STOPMUD