



Updates to the  
Sedimentation Pollution Control Program  
*Erosion & Sediment Control Workshop*

December 5, 2024

*Division of Energy, Mineral and Land Resources*

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State Sedimentation Program Engineer



# Weathering the Storm

How to prepare your site for storm events



# AccessDEQ

- Year 2024 updates
- Signing the Financial Responsibility/Ownership form
- Tour through the portal
- Where to go for help
- Project names
- What's next?



# Weathering the Storm with Helene

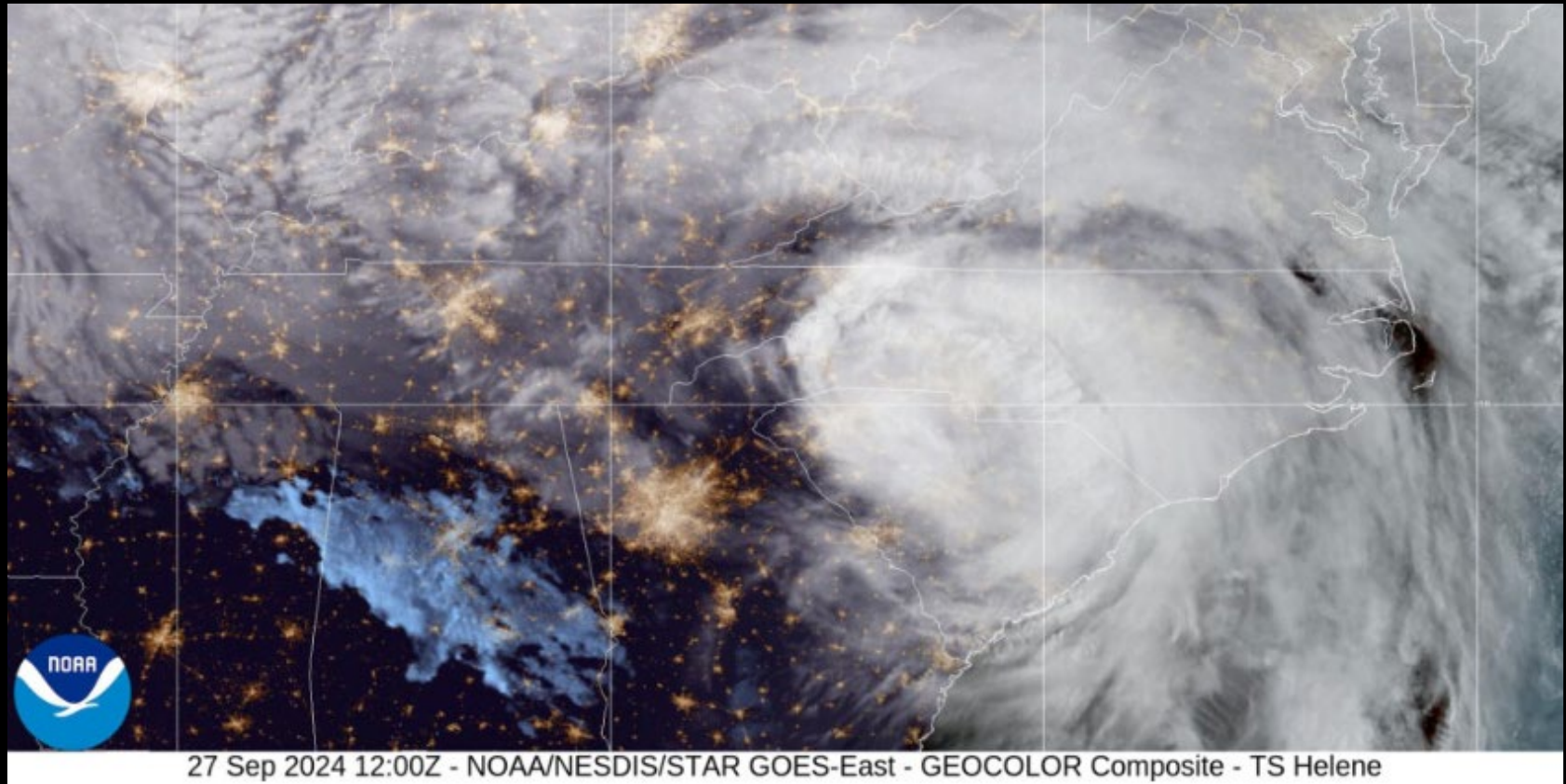


Image by NOAA/GOES East



# Rescue + Recovery Efforts

## FEDERAL ASSISTANCE

- 2,000 FEMA workers setup 24 Disaster Recovery Centers in North Carolina. Provided \$231 MM in housing assistance for 131K+ households as of Nov 13<sup>th</sup>.
- 1,500 National Guard Troops assisting with structural repairs and rescues (765 people).
- US Army Corps of Engineers working with all levels of government to assess damages, remove debris, and repair water systems.

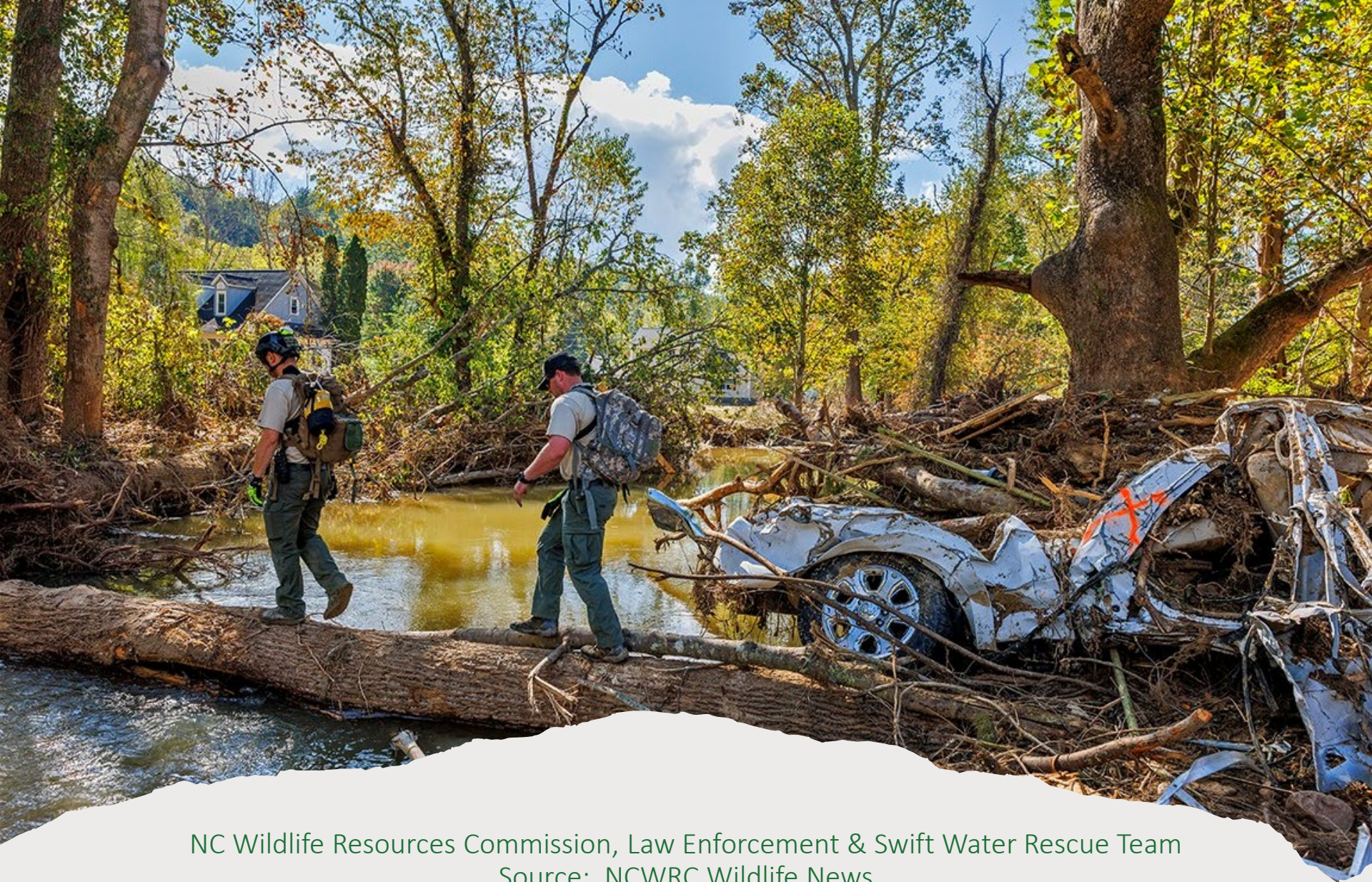


# Rescue + Recovery Efforts

*"The response to Helene was the largest and fastest integration of U.S. military soldiers with the National Guard in North Carolina History."*

*- Office of the Governor (press release)*





NC Wildlife Resources Commission, Law Enforcement & Swift Water Rescue Team  
Source: NCWRC Wildlife News



NC Department of Transportation  
Source: NCDOT





NC Forest Service  
Source: NCFS



NC Department of Environmental Quality, Marine Patrol Swift Water Rescue Team  
Source: Carolina Public Press

# Hurricane Helene

*"I have lived on the East Coast of North Carolina my entire life and have seen quite a few hurricanes. I have never seen water come with such speed and destruction as with this storm."*

*Sgt. Jason Parker, N.C. Marine Patrol*



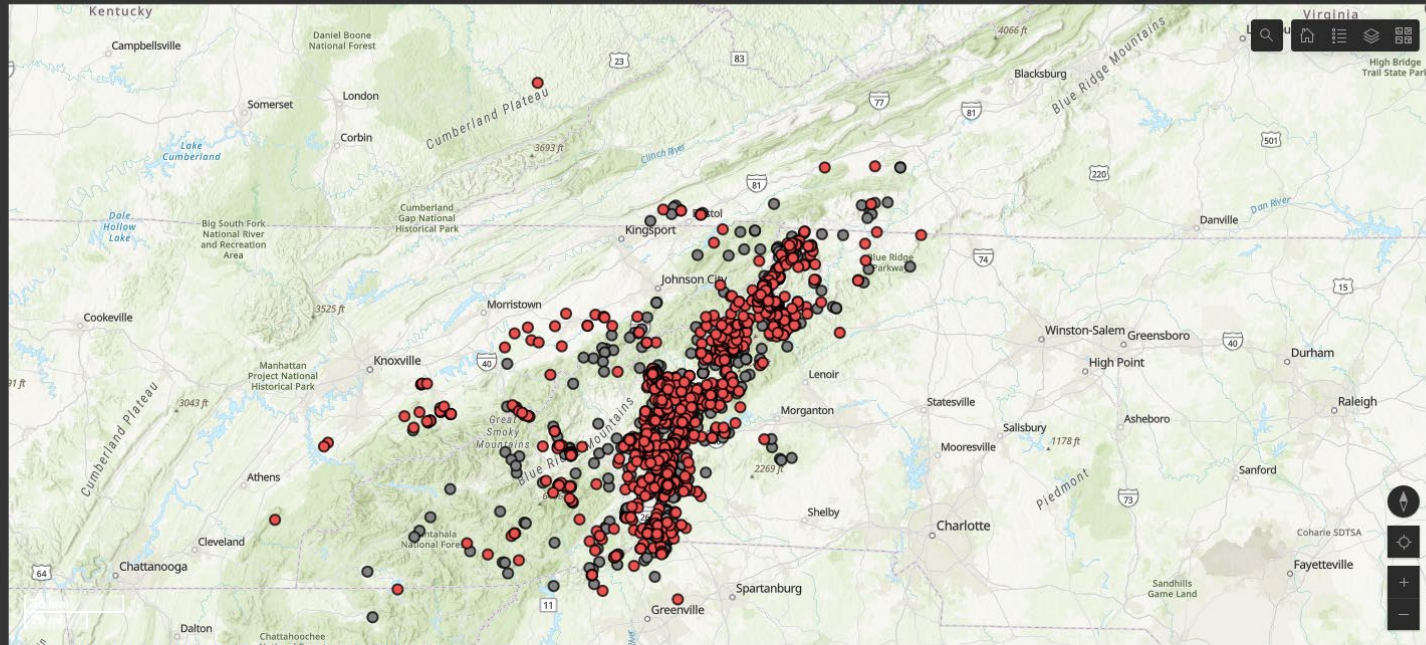
# NCDEQ Geological Survey

USGS Hurricane Helene Landslide Observations Dashboard

Ground Failure Points

Flag?

- Yes
- No



Flagged landslides include those that impacted rivers, roads, and structures. This may not reflect the current situation, only the status at the time of mapping.

Click on a point for more information.

This is an ongoing, multi-agency effort to map landslides associated with Hurricane Helene. This dashboard will be updated as more information is obtained.



Flagged Landslides

1,052

Total Landslides

1,960

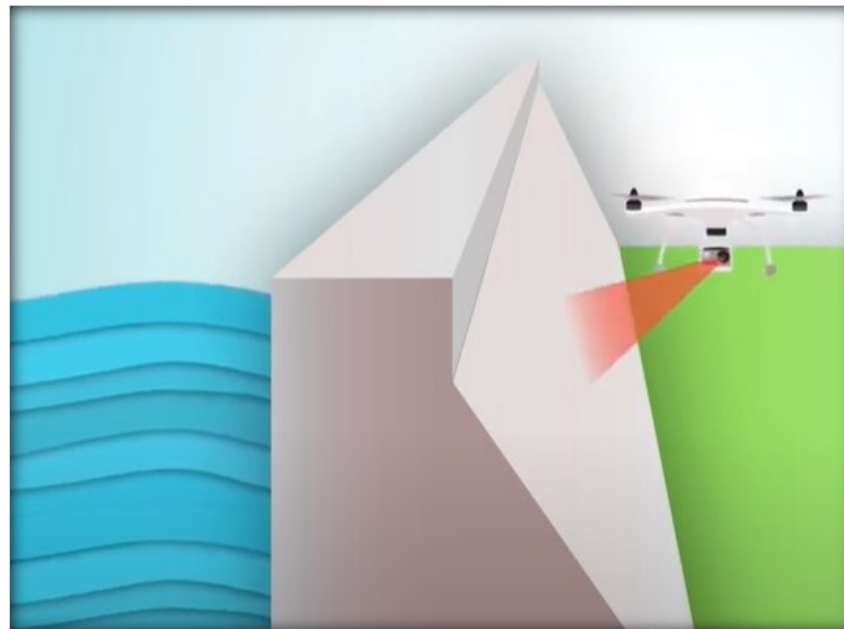


# NCDEQ

## Division of Energy, Mineral, and Land Resources

### Dam Safety

DEMLR works with dam owners to prepare Emergency Action Plans (EAPs) for such disasters. Personnel respond by conducting dam inspections immediately following storm events.



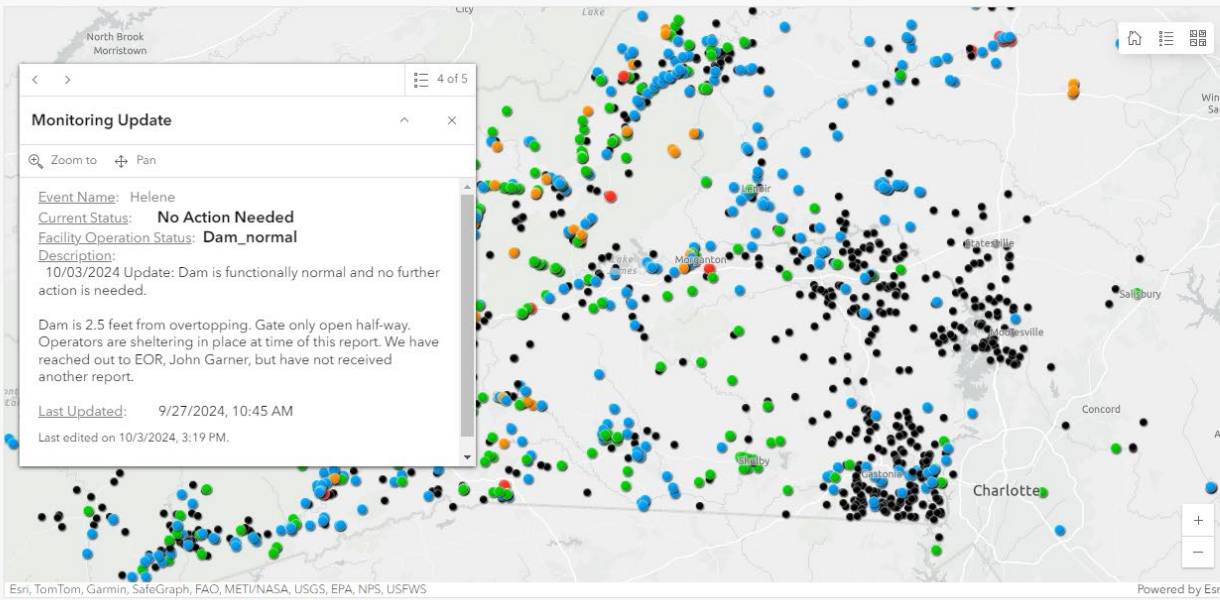
# NCDEQ Dam Safety Program

NC DEQ Situation Report Tracking System



## Filtering Options

- Select a NCDEQ Division  
Show all Incidents
- Filter by Date Range  
11/2/2024 and before
- Reports Entered Today  
Clear Date Filter
- Filter by County  
Clear County Selection
- Filter by Report Status  
None
- Filter by Program  
Clear Filter



Total Number of Reports

# 1,168

- Heating oil tanks (2)
- DS11-031
- DS11-025
- DS45-017
- Crabtree Creek Tank 35.915834, -82.258239 Near Burnsville, NC
- Corner of Blue Grass Lane and White Oak, in the South Toe area of Burnsville, NC,
- 205 Sully Lane Burnsville NC 28714
- Heating oil tank
- Small heating oil tank
- 163 Ayers Ln, Boone NC., 28607 Oblong Kerosene
- SSO:WQCS00053
- SSO:WQCS00053
- DS11-030
- DS12-010
- DS81-015
- DS11-029
- 00-1-0000036632
- 00-0-0000036632
- 00-0-0000035974

## Report Status Categories (totals of each category)

Urgent/Critical	Action Needed	No Action Needed	Issue Resolved	Other
37	131	547	391	63
<small>Last update: 49 seconds ago</small>	<small>Last update: 49 seconds ago</small>	<small>Last update: 49 seconds ago</small>	<small>Last update: 49 seconds ago</small>	<small>Last update: 49 seconds ago</small>



# Financial Assistance

## Hurricane Helene Emergency Funding

[Learn More](#)



# Rescue + Recovery Efforts

## LOCAL ASSISTANCE

More than 1,600 responders from 39 state and local agencies have performed 146 missions supporting the response and recovery efforts through the Emergency Management Assistance Compact (EMAC).





# Legislation

- **House Bill 149** allocating state funding for initial storm recovery and to ensure voter security (signed)
- **Senate Bill 382** to authorize delayed plan submittals and to extend the deadline for expiring plan approvals (pending)



# Pre-Storm Preparation

- 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.



Photo By: NCDEQ

# Pre-Storm Preparation

- Secure any construction materials that may become airborne during the storm.
- Haul away waste materials; identify permitted waste facilities or landfills and approved temporary disaster debris storage sites.
- Seal and secure or otherwise protect containers holding equipment fluids, liquid building material waste, flocculants, herbicides, or other hazardous or toxic wastes from leaks or spills.



Photo By: NCDEQ

# Post-Storm Actions

- 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.



Photo By: [Carolina Public Press](#)

# Post-Storm Actions

- Clean up off-site sedimentation immediately.
- Remove debris from culverts, outfalls, ditches, etc. on the project, and evaluate for stability. Make necessary repairs. Debris should be hauled to existing permitted disposal facility or to a pre-approved temporary disaster debris storage site.
- Repair any damaged erosion and sediment control measures to restore their full functionality in accordance with the plan.



Photo By: NCDEQ

# How can you help?

## North Carolina Disaster Relief Fund

[pay.payitgov.com/ncdonations](https://pay.payitgov.com/ncdonations)

## North Carolina Christmas Tree Association

[ncchristmastrees.com](https://ncchristmastrees.com)



# What is AccessDEQ?

AccessDEQ is your digital hub to easily access online tools in one convenient place. Created to increase public access and streamline the department's permitting processes, AccessDEQ provides convenient public access to:

- **Permit Applications:** Select permit applications are now available online.
- **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 are accessible in one place.







# Introduction to AccessDEQ

## Online Permits



### Erosion & Sediment Control Applications

Apply online for Erosion and Sediment Control Certificates of Approval



### Apply For CAMA Permits

Apply for CAMA Major permits, submit complaints or contact field representatives online



# Capabilities for the Sedimentation Pollution Control Program

- Application and Plan intake, including authorizations & fees

Portal accepts applications for all regional offices

- Plan reviews

Standard Reviews and Express Reviews

- Inspections & Compliance
- Complaints



# Portal Terminology

- **Permit** – plan approval
- **Location or Environmental Interest** – DEQ-wide general term referring to a facility, site, project, etc. at a specific location that is related to a permit, certificate, plan approval, etc.
- **Responsible Official** – individual who has (signature) authority to act on behalf of a new Location (project site)
- **Preparer** – individual with access to the Location to prepare applications on behalf of the Responsible Official or his/her delegate



# Portal – Account Registration



NORTH CAROLINA  
*Environmental Quality*

Register

## Registration

First name

Last name

Email

Password

Repeat password

Register

Already registered? [Log in](#)

Check if this project is ARPA-funded   
Attach a copy of the Letter of Intent to Fund

**FINANCIAL RESPONSIBILITY/OWNERSHIP FORM  
SEDIMENTATION POLLUTION CONTROL ACT**

No person may initiate any land-disturbing activity on one or more acres as covered by the Act, including any activity under a common plan of development of this size as covered by the NCG01 permit, before this form and an acceptable erosion and sedimentation control plan have been completed and approved by the Land Quality Section, N.C. Department of Environmental Quality. Submit the completed form to the appropriate Regional Office. (Please type or print and, if the question is not applicable or the e-mail address or phone number is unavailable, place N/A in the blank.)

**Part A.**

1. Project Name \_\_\_\_\_

*\*If this project involves American Rescue Plan Act (ARPA) funds, list the Project Name or Project Number (e.g., SRP-D-ARP-0121) below under which you were approved for funding through the Division of Water Infrastructure (DWI).*

2. Location of land-disturbing activity: County \_\_\_\_\_ City or Township \_\_\_\_\_

Highway/Street \_\_\_\_\_ Latitude(decimal degrees) \_\_\_\_\_ Longitude(decimal degrees) \_\_\_\_\_

3. Approximate date land-disturbing activity will commence: \_\_\_\_\_

4. Purpose of development (residential, commercial, industrial, institutional, etc.): \_\_\_\_\_

5. Total acreage disturbed or uncovered (including off-site borrow and waste areas): \_\_\_\_\_

6. Amount of fee enclosed: \$ \_\_\_\_\_. The application fee of \$100.00 per acre (rounded up to the next acre) is assessed without a ceiling amount (Example: 8.10-acre application fee is \$900). Checks should be addressed to NCDEQ.

7. Has an erosion and sediment control plan been filed? Yes  Enclosed  No

8. Person to contact should erosion and sediment control issues arise during land-disturbing activity:

Name \_\_\_\_\_ E-mail Address \_\_\_\_\_

Phone: Office # \_\_\_\_\_ Mobile # \_\_\_\_\_

9. Landowner(s) of Record (attach accompanied page to list additional owners):

Name \_\_\_\_\_ Phone: Office # \_\_\_\_\_ Mobile # \_\_\_\_\_

Current Mailing Address \_\_\_\_\_ Current Street Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

10. Deed Book No. \_\_\_\_\_ Page No. \_\_\_\_\_ Provide a copy of the most current deed.

# Ancient Paper Application

*... replaced by the portal*

# 15A NCAC 04B .0118

## Approval of Plans

*“An erosion and sedimentation control plan shall be disapproved unless the application includes an authorized statement of financial responsibility and documentation of property ownership. The statement shall be signed by the person financially responsible for the land-disturbing activity or his or her attorney-in-fact. The statement shall include the mailing and street addresses of the principal place of business of the person financially responsible and of the owner of the land or their registered agents.”*



(c) If the Financially Responsible Party is engaging in business under an assumed name, give name under which the company is Doing Business As. If the Financially Responsible Party is an individual, General Partnership, or other company not registered and doing business under an assumed name, **attach a copy of the Certificate of Assumed Name.**

\_\_\_\_\_  
Company DBA Name

The above information is true and correct to the best of my knowledge and belief and was provided by me under oath. (This form must be signed by the Financially Responsible Person if an individual(s) or his attorney-in-fact, or if not an individual, by an officer, director, partner, or registered agent with the authority to execute instruments for the Financially Responsible Party). I agree to provide corrected information should there be any change in the information provided herein.

\_\_\_\_\_  
Type or print name

\_\_\_\_\_  
Title or Authority

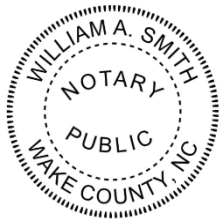
\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

I, \_\_\_\_\_, a Notary Public of the County of \_\_\_\_\_

State of North Carolina, hereby certify that \_\_\_\_\_ appeared personally before me this day and being duly sworn acknowledged that the above form was executed by him/her.

Witness my hand and notarial seal, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_



\_\_\_\_\_  
Notary

My commission expires \_\_\_\_\_



# Financially/Legally Responsible Officials

- (Vice) President
- Corporate Executive Officer
- Corporate Financial Officer
- Managing Members (*Limited Liability Companies*)
- General Partner (*Partnerships*)
- Elected Official
- Court-appointed fiduciaries (*with documented signature authority*)
- Registered Agents (*with documented signature authority*)
- Others with authority to sign documents or execute transactions on behalf of the Financially/Legally Responsible Party





# Step 7 – Signature Declaration of Authority

*“In order to submit this type of application, you must complete identity-proofing and you must have **submission authority** for the organization, financially responsible party or project. If you have signature authority, you may complete the attestation statements below and submit the application. If you do not have signature authority, you can **share** this application with an appropriate individual with signature authority below.”*



# Cross-Media Electronic Reporting Rule

*Title 40 CFR Part 3*

**(CROMERR)**

## Compliant Signatures

1. The identified signatory is to be uniquely entitled to sign the document using an uncompromised electronic signature device, and
2. the signatory is an individual who is authorized to sign the document by virtue of his or her legal status and his or her relationship to the regulated entity on whose behalf the signature is executed.





## Cross-Media Electronic Reporting Rule

[CONTACT US](#)[CROMERR Home](#)

Learn about the Cross-Media  
Electronic Reporting Rule  
(CROMERR)

### CROMERR 101 Training

Lesson 1: Overview of the  
Final Rule

Lesson 2: Quick Tour of the  
Final Rule

Lesson 3: Application  
Requirements

Lesson 4: The EPA Review  
and Approval Process under  
Part 3

### Lesson 5: CROMERR- Compliant Electronic Reporting

Lesson 5: Overview of  
CROMERR Requirements  
for Electronic Reporting

Lesson 5: Requirements  
for Authorized Programs

# Lesson 5: Defining "Valid Electronic Signatures"

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So what makes a [valid electronic signature](#)?

A valid electronic signature on an [electronic document](#) is one that is created with an [electronic signature device](#) that is:

- Uniquely entitled to a signatory
- Not compromised
- Used by a signatory who is authorized to sign the electronic document

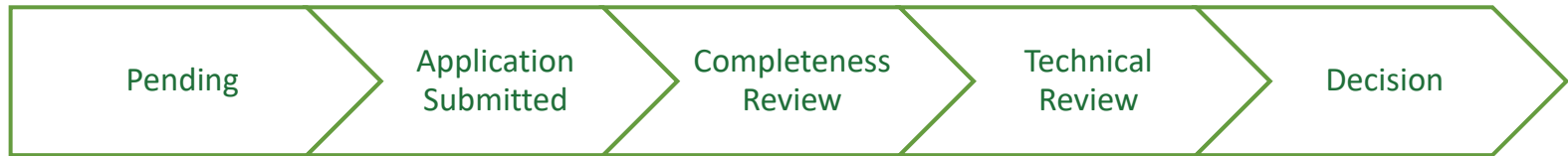
## Resources:

- [User Identification, Verification, and Authentication: Challenge Question Second-Factor Approach \(pdf\)](#) (111.02 KB)
- [CROMERR Application Challenges and Solutions \(pdf\)](#) (363.68 KB), specifically the "Common Application Challenges" section

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[epa.gov/cromerr](https://epa.gov/cromerr)

# Sedimentation Pollution Control Program Application Intake & Plan Review Process



Permit Application No. (e.g., PA-001234)

Project ID/Permit No. (e.g., WAKE-2025-0001)

# About Project Names

*Craft them carefully....*

Project names (aka *Environmental Interests* or *Locations*) are used for subsequent permits or certificates throughout the DEQ.

Keep broad enough to cover multiple activities or permits, but specific enough to uniquely identify the regulated entity or scope of work.

Not easily changed once created.



# Examples of Poor Project Names

- Raleigh Water Line Extension Project
- UNC Project
- New Bern Advance Auto Parts
- Pitt County ABC Store
- Mavis Tire
- Town of Vandemere
- McDonald's
- WWTP Improvements Project
- SR 1105
- Practice Facility Renovation



# Examples of Descriptive Project Names

- Maples Subdivision, Phase I
- Maples Subdivision, Phase I, Lots 1-20
- Main Street Water Line Extension
- UNC Hardin Residence Hall
- MCAS Cherry Point Barracks 123
- Advance Auto Parts Store #123
- Danbury Road Pump Station and Outfall Improvements
- Bladen County LCID Landfill #2
- Hoke County Fire Training Facility
- Waynesville Inn & Golf Club



# The Future Financial Responsibility/Ownership Form

- Future integration of online application with the e-NOI
- Fully CROMERR-compliant system (Title 40 CFR Part 3)
- Release anticipated in Spring 2025





# 2024 NC E&SC Workshop

End of Workshop & PDH Evaluation:



<https://bit.ly/2024EscEval>

**NC STATE**  
UNIVERSITY

Crop & Soil  
Sciences

