



Annette Lucas, PE
NC Stormwater Program Updates
December 2019

Department of Environmental Quality





Agenda:

What do we do in the DEMLR Stormwater Program?

Recent Achievements

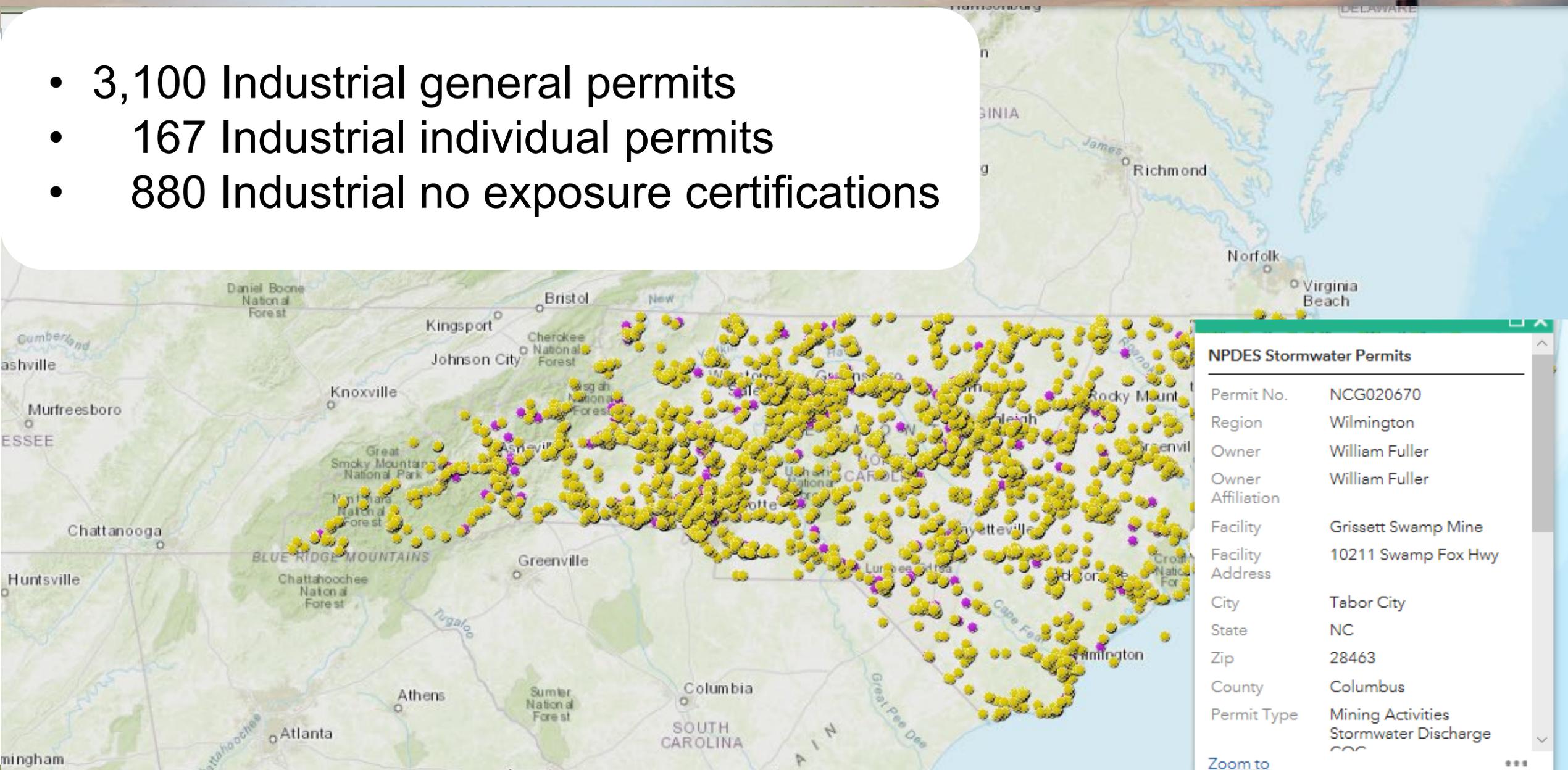
Current Aspirations

deq.nc.gov/SW

deq.nc.gov/NCG01

NPDES Industrial

- 3,100 Industrial general permits
- 167 Industrial individual permits
- 880 Industrial no exposure certifications



Introducing the....

NPDES Stormwater Industrial Team

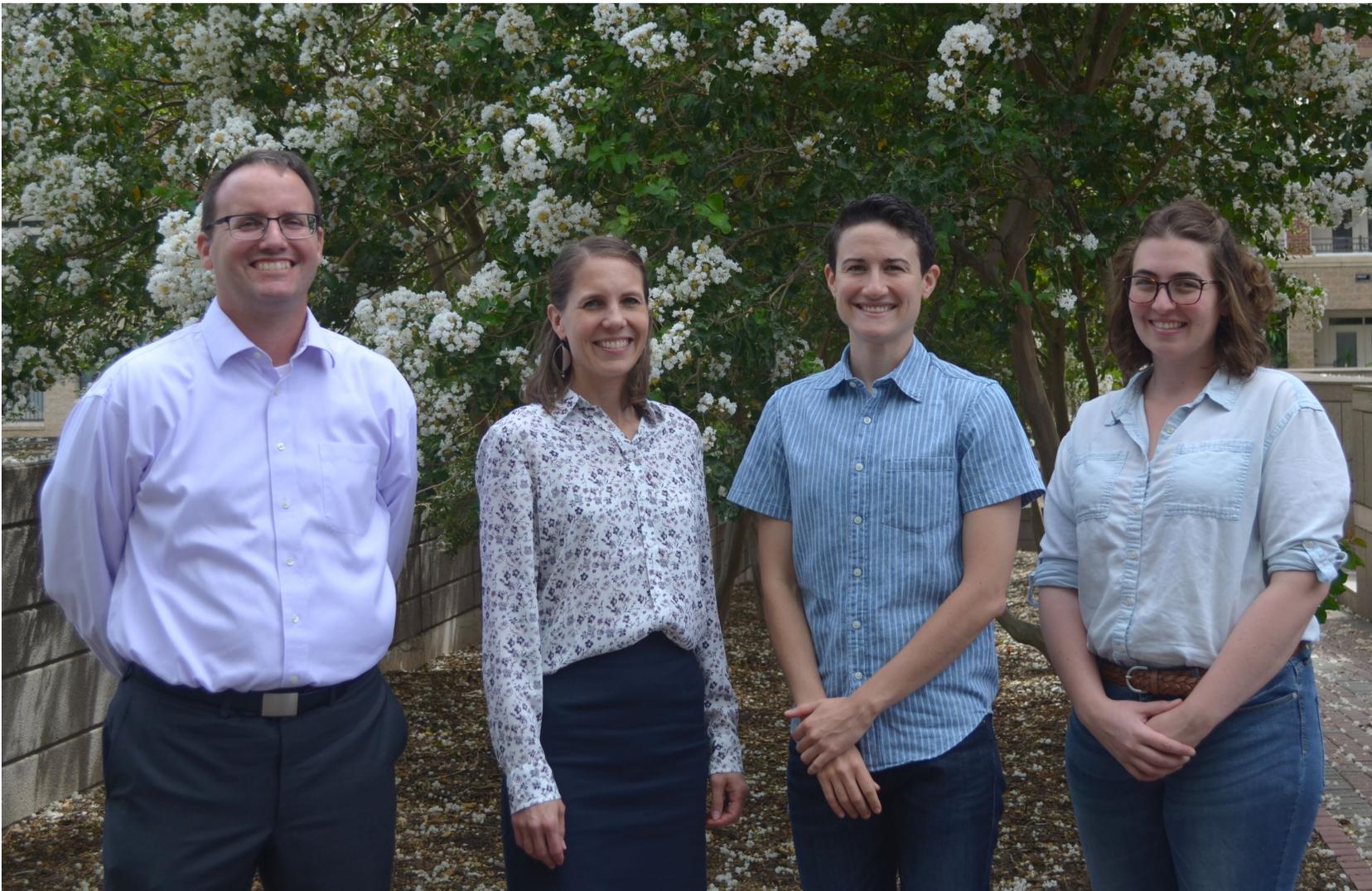


Shane Strickland

Bethany Georgoulias

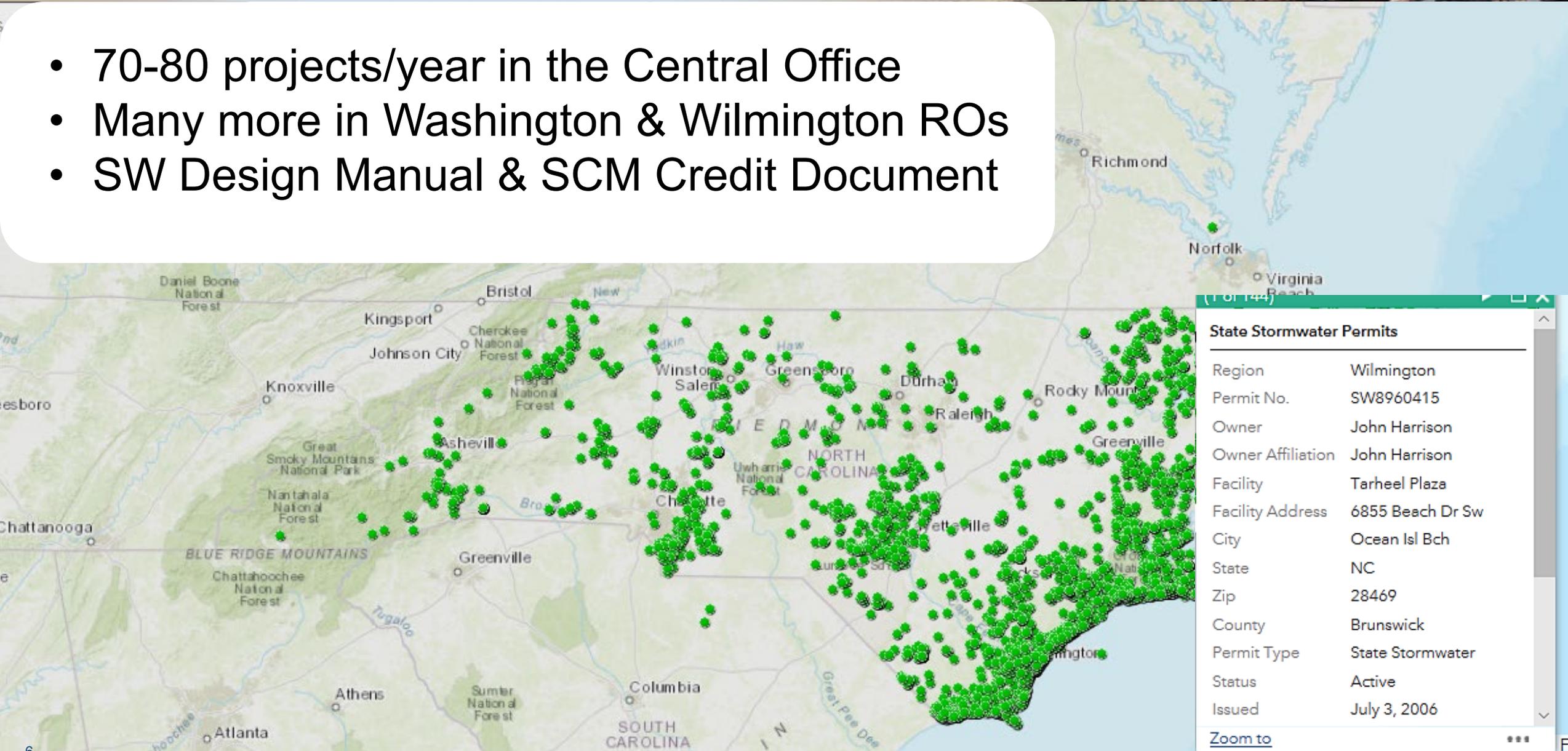
Alaina Morman

Lauren Garcia



Post-Construction

- 70-80 projects/year in the Central Office
- Many more in Washington & Wilmington ROs
- SW Design Manual & SCM Credit Document



Stormwater Design Manual Table of Contents

Part A: Common Site and SCM Elements

- A-0. [Areas of Research Needed](#)  (8/15/2019)
- A-1. [Runoff Treatment & Volume Match](#)  (4/3/2017)
- A-2. [Soils](#)  (4/3/2017)
- A-3. [Vegetation](#)  (4/3/2017)
- A-4. [Built-Upon Area](#)  (2/11/2018)
- A-5. [Common Structures and Materials](#)  (2/11/2018)
- A-6. [Construction](#)  (2/11/2018)
- A-7. [Operation and Maintenance](#)  (2/11/2018)
- A-8. [Guidance on SCM Selection](#)  (7/24/2018)
- A-9. [Vegetated Setbacks](#)  (7/30/2019)

Part B: [Calculations Guidance](#) (3/15/2017)

[NPDES Industrial Stormwater](#)

[Water Supply Watershed Protection Program](#)

[Stormwater Public Notices](#)

[Training & Outreach](#)

[Stormwater ePayments](#)

Introducing the....
Post-Construction Team



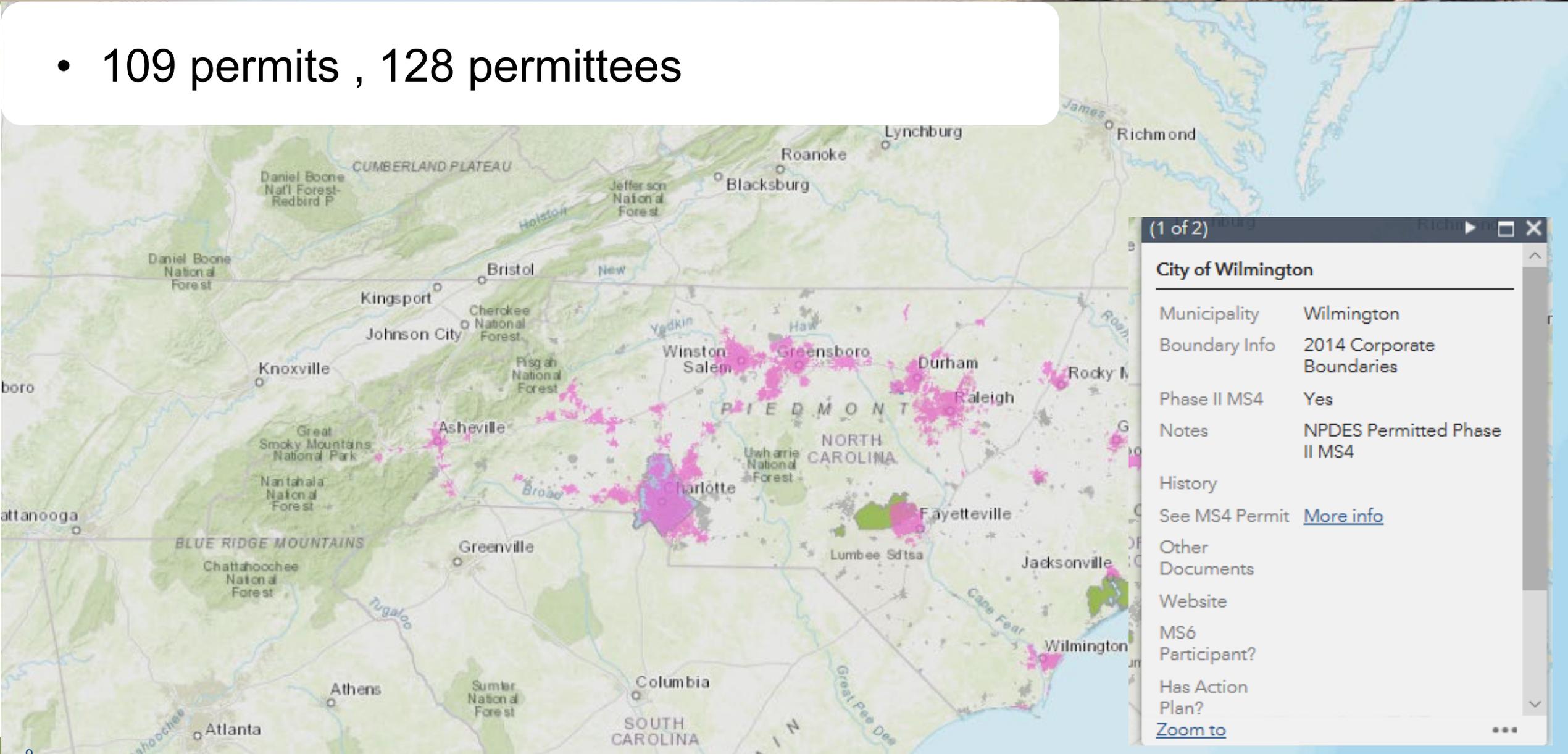
Jim Farkas

Corey Anen



MS4 Program

- 109 permits , 128 permittees



Introducing the....

Local Government Support Team



Jeanette Powell

Paul Clark

Alaina Morman



Introducing the....
“Command Center”



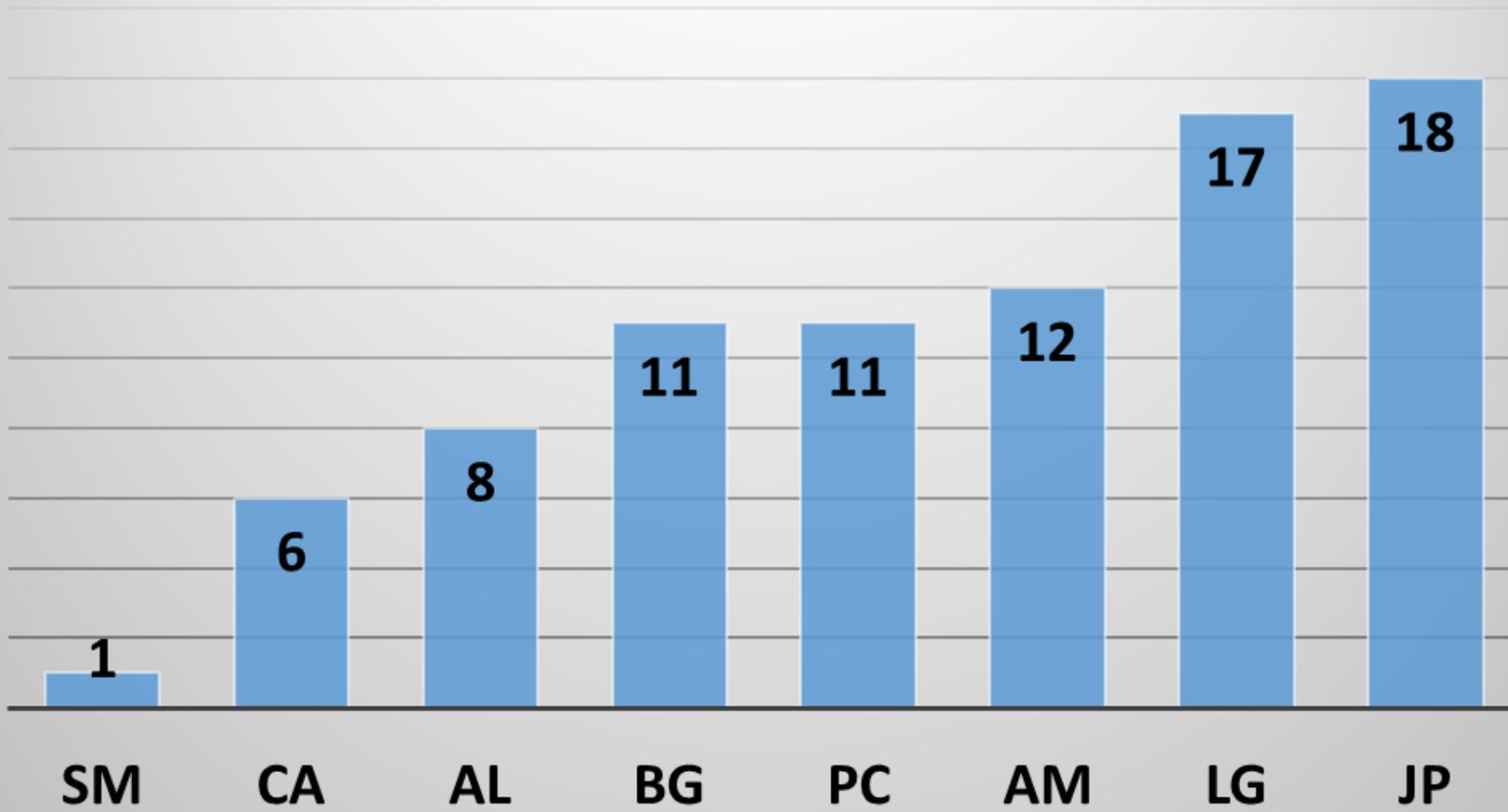
Suzanne McCoy

Annette Lucas



**SW Program Achievement 1:
Improve external & internal
communication.**

Working Days Out of the Archdale Building Jan 1 - Sept 1, 2019



deq.nc.gov/SW
deq.nc.gov/NCG01



- The \$100 annual permit fee for the NPDES NCG01 Permit began on August 1, 2019. Going forward, applicants will initially submit eNOI forms without payment. Then, after stormwater staff review the eNOIs and find them to be complete, applicants will receive emails with instructions for each of three payment options (credit card, e-check and paper check). Certificates of coverage will be issued within 24-48 hours after DEMLR receives payment.
- **Electronic payment of annual permit fees is convenient and quick!** Click on "Stormwater ePayments" on the lower right corner of this page. There is no fee for eCheck. The convenience fee for a credit card is 2.65% and the convenience fee for a debit card is \$3.95.
- Some of our permit files may now be viewed in our [Stormwater Program Laserfiche Repository](#). We anticipate having complete file information for the NPDES Industrial and MS4 programs by the end of 2019.
- This web page now has a short alias, deq.nc.gov/SW. The Construction SW web site also has a short alias, deq.nc.gov/NCG01.

Stormwater

Stormwater Program

[Contacts](#)

[Maps & GIS Resources](#)

[Forms & Fees](#)

[Stormwater Design Manual](#)

[Rules & Regulations](#)

[Construction SW](#)

[Post-Construction Stormwater](#)

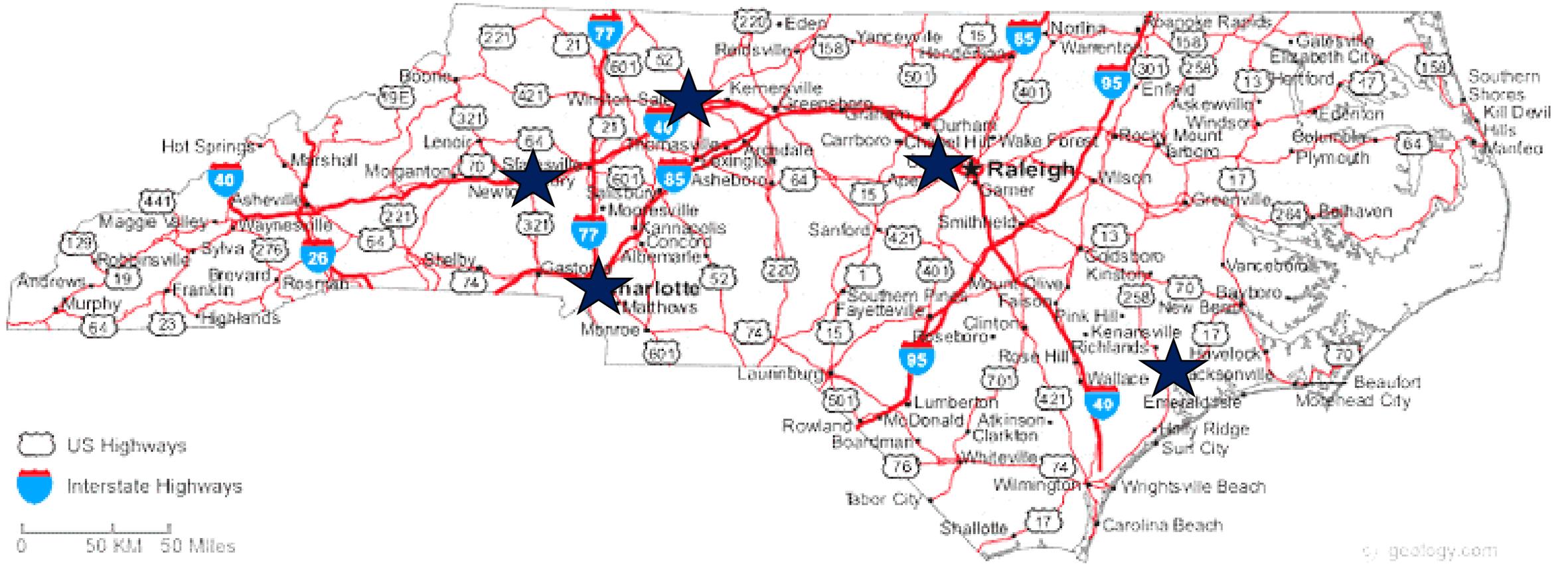
[NPDES Industrial Stormwater](#)

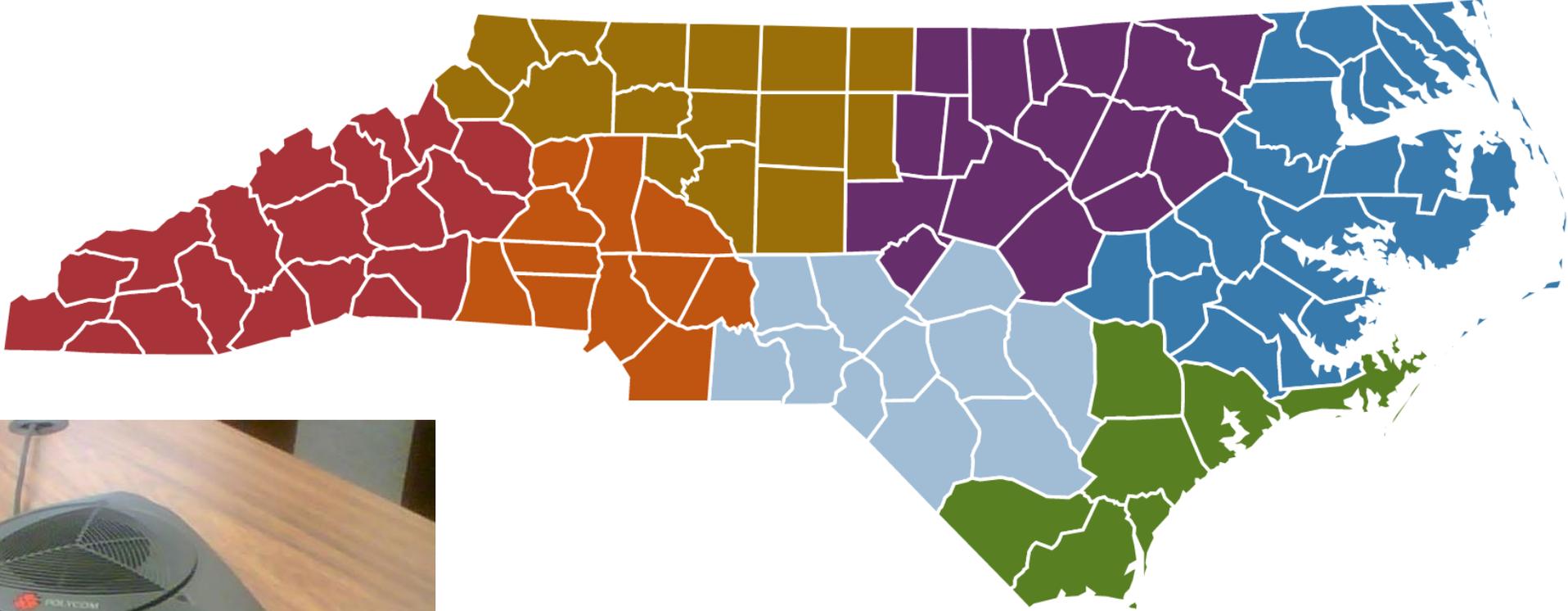
[NPDES MS4 Permitting](#)

[Water Supply Watershed
Protection Program](#)

[Stormwater Public Notices](#)

MS4 Trainings March – April 2019

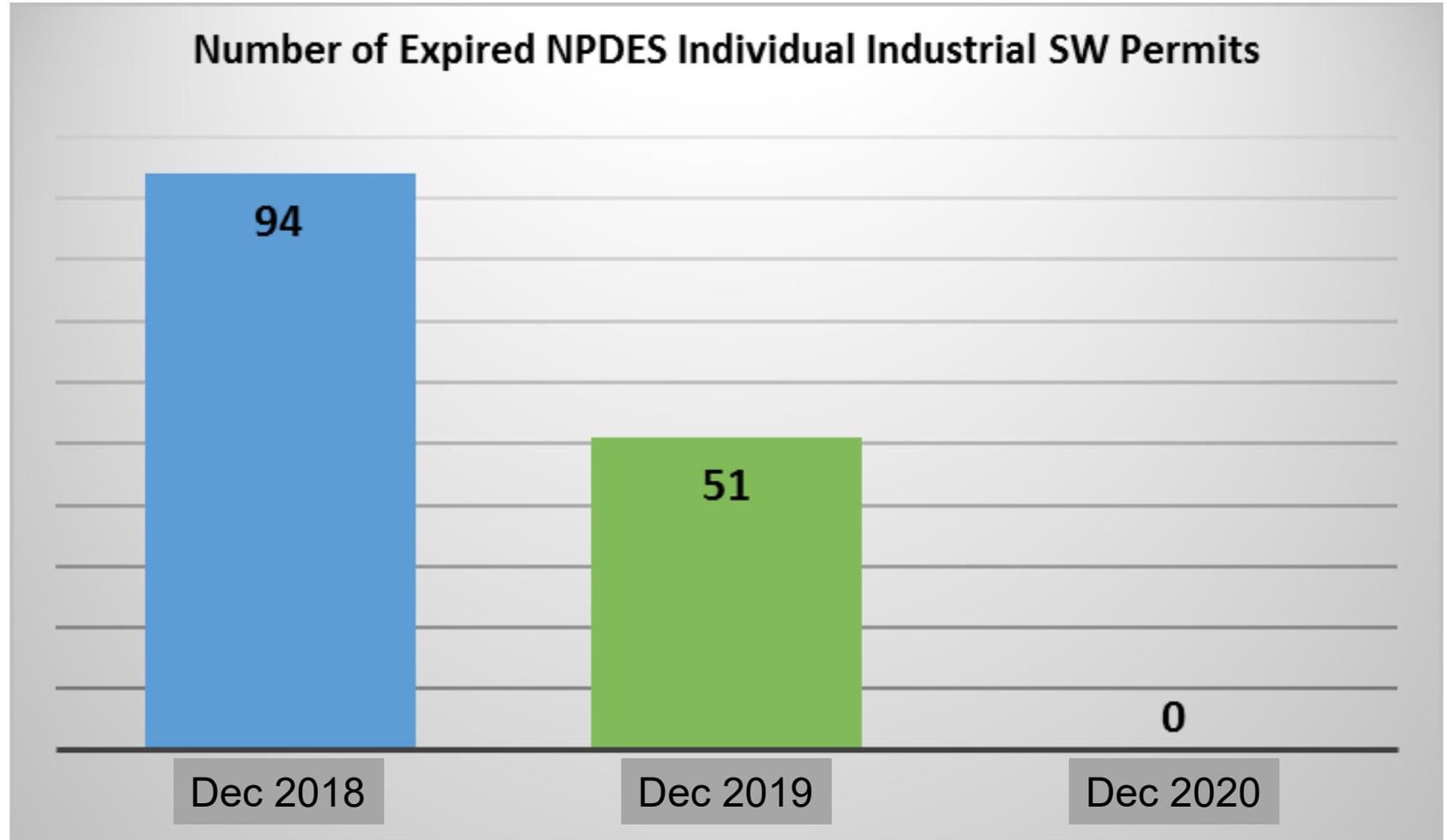




SW Program Achievement 2:
Renew expired NPDES
Individual Industrial permits.

Number of Expired NPDES Individual Industrial SW Permits

Total Permits: 167



**SW Program Achievement 3:
Implement Digital NCG01 Process.**



NORTH CAROLINA
Environmental Quality

Construction Stormwater: Notice of Intent (NOI)

National Pollutant Discharge Elimination System (NPDES) application for coverage under North Carolina's General Permit NCG010000: STORMWATER DISCHARGES associated with construction activities (or NCG250000)

A. Project Information

B. Permittee Information

C. Site Contact information

D. E&SC Plan

E. Certification

Part A.

Project Location and Waterbody Information

1. Project Name *
2. County *
3. Highway or Street Address *
Street name only is acceptable if no address number assigned yet
4. City or Township *
5. State *
6. Zip Code *
7. Latitude * Enter the latitude in decimal degrees
8. Longitude * Enter the longitude in decimal degrees (MUST be negative)

If you do not know the latitude and longitude coordinates for this project, you can search the location on this [map of North Carolina](#). Look for the coordinates in the **bottom left corner**.

Stormwater Construction General Permit ePayments

Online Payments for the Construction General Permit

This page accepts \$100 annual permit fee payments for the Construction General Permit.

This page does not accept permit fee payments for:

- Stormwater permit numbers beginning with "NCG" and "NCS". To pay permit fees for an NCG or NCS permit, visit the [Stormwater ePayments web page](#) .
 - Permits issued by other DEQ programs. To pay permit fees for another program, please visit the [DEQ ePayments web page](#) and select the applicable permitting program.
-

Please provide the following information about the construction activity for which you want to pay the permit fees:

Certificate of Coverage (COC) Number:

Certificate of Coverage

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF ENERGY, MINERAL, AND LAND RESOURCES

GENERAL PERMIT NO. NCG010000

3-5 business days!
Only 1 sheet of paper.

is hereby authorized to engage in CONSTRUCTION ACTIVITIES to surface waters
of North Carolina from a site located at:

Brookwood Phase 1A-Lots 8,9,15 and 16
Enfield Drive
McNeill
Moore County

in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in N.C. General Permit
No. NCG010000.

This Certificate of Coverage is affiliated with **E&SC Plan Project No. MOORE-2019-069**

**SW Program Achievement 4:
Complete the scanning project.**

Introducing the....
21st Century Team



Devi Brookins

Marcia Williams



The Scanning Process

Stormwater Program: 21st Century



Stormwater Program Laserfiche Repository

▼ 🔍

[Water Resources](#) > [DEMLR - Stormwater](#)

Name ▲	Current Status	ID #	Version	Facility/Project Name
📁 Compliance & Enforcement				
📁 Construction Stormwater COCs				
📁 General Permits				
📁 Individual Permit				
📁 No Exposures				
📁 Phase II Designation Records				
📁 SW Permits				

2019-2020 Aspirations



*2019-2020 Aspiration:
Improve the Design Manual
& designer tools.*

Upcoming Design Manual Improvements

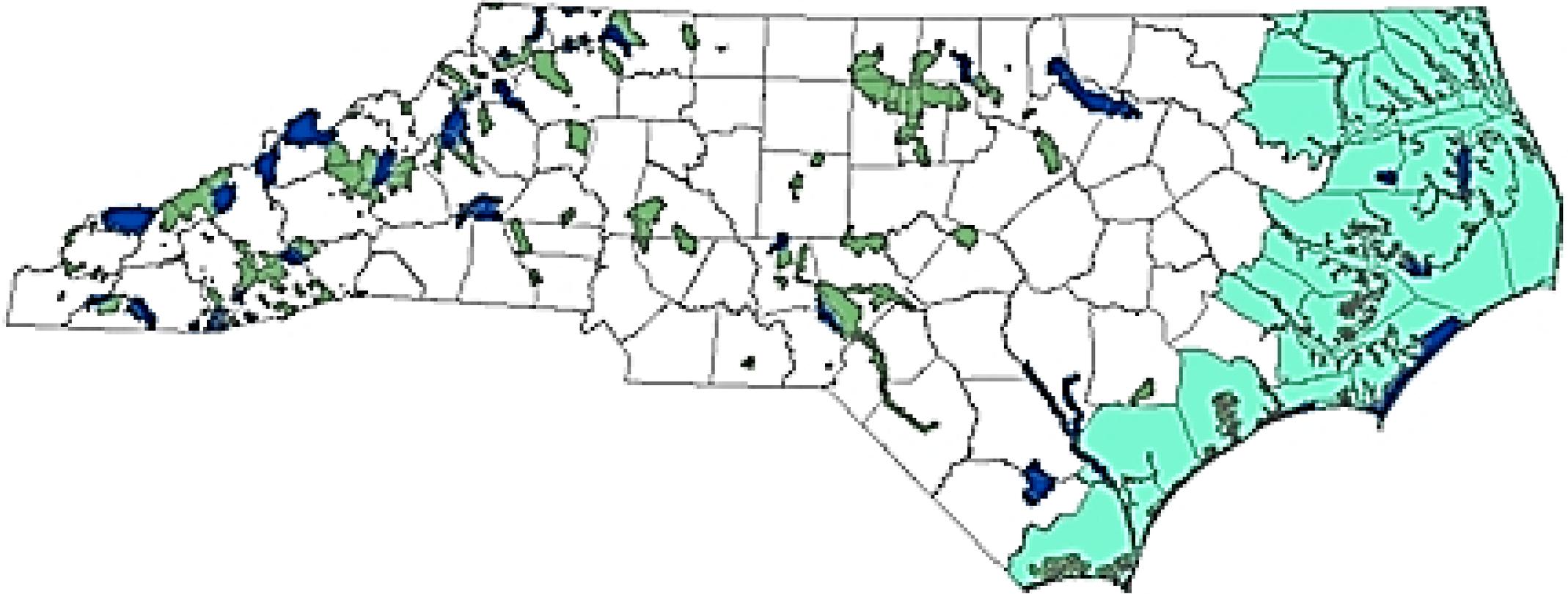
1. Chapters: wet pond, permeable pavement, sand filter
2. Supplement-EZ and O&M-EZ
3. Storm-EZ



2019-2020 Aspiration:

*Create a digital permitting process for the
NC Post-Construction SW program.*

Upcoming Digital SW Permitting Process



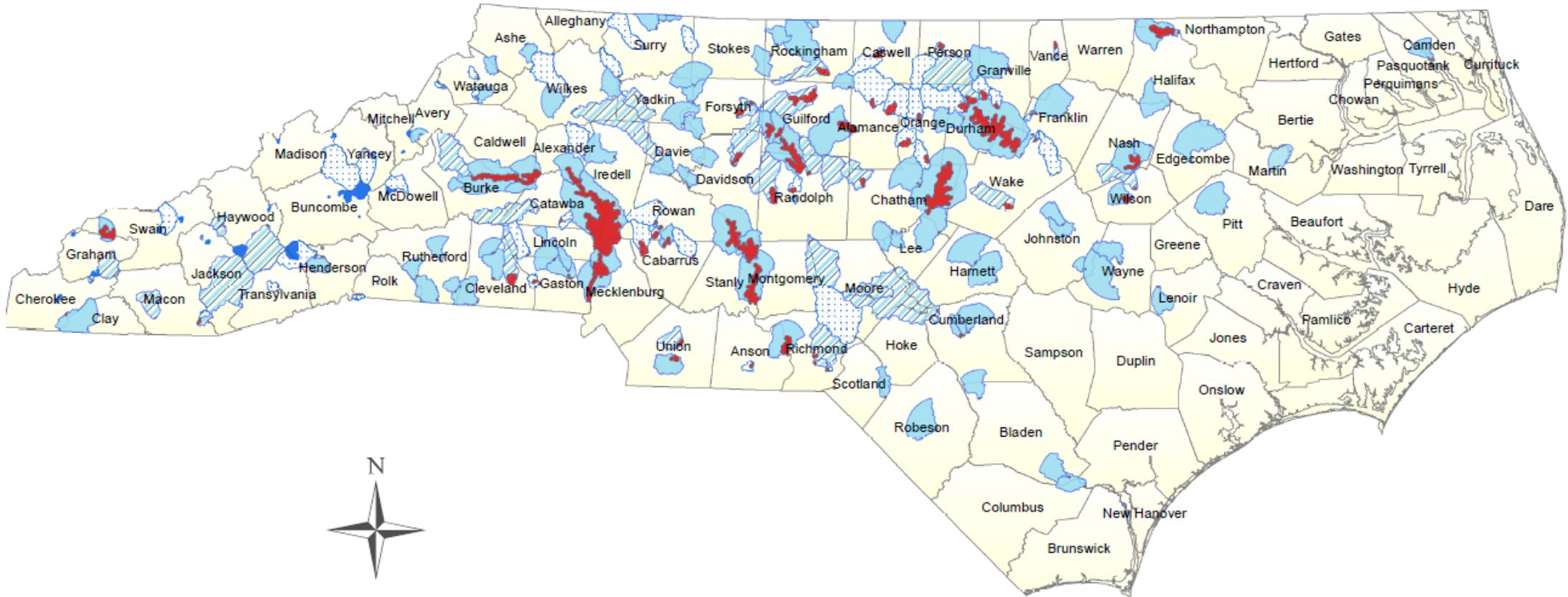
Department of Environmental Quality



2019-2020 Aspiration:

*Communicate with the Water Supply
Watershed Program communities.*

Upcoming Water Supply Watershed Outreach



Department of Environmental Quality



2019-2020 Aspiration:

Continue the progress in the MS4 Program.



Do you still have questions?

Feel free to reach out!

Annette.lucas@ncdenr.gov

deq.nc.gov/SW

deq.nc.gov/NCG01

(919) 707-3639



Department of Environmental Quality

