

**Annual Report to the  
North Carolina General Assembly**

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***Surface Water Identification and  
Training Certification Course***

**October 1, 2017 – September 30, 2018**

**Division of Water Resources**



**NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENTAL QUALITY**

## **Surface Water Identification and Training Certification Course Annual Report – 2018**

In accordance with G.S. 143-214.25A Section 4(b)

Background: The Surface Water Identification Training and Certification (SWITC) Course is offered by the Division of Water Resources (DWR), to comply with N.C. General Statute 143-214.25A. This statute requires DWR to train and certify staff within the North Carolina Forest Service (NCFS), local governments with delegated riparian buffer programs and DWR. This training certification is required to determine where surface waters are present and thus where the riparian buffer rules apply.

Courses: Between Oct. 1, 2017 and Sept. 30, 2018, DWR offered two SWITC training courses. These courses took place Oct. 31 – Nov. 3, 2017 at NCSU's Booth Field Learning Lab (Lake Wheeler Rd. facility), and May 22-25, 2018 at NCSU's Weaver Labs (NCSU main campus) in Raleigh. Due to lack of funding for these courses, DWR has partnered with NC State University to offer classes. Below are summaries of the two courses:

November 2017: 31 students attended: five students were DWR staff, three students were NCFS staff, four students were from local governments with delegated local buffer programs and two students were from other local and state agencies (City of Raleigh, UNC- Chapel Hill).

May 2018: 30 students attended: four students were DWR staff, three students were NCFS staff, eight students were from local governments with delegated local buffer programs and three students were from other local and state agencies (Chesterfield County, Va.; Division of Mitigation Services).

Certifications: DWR issued 12 new certifications in November 2017, and 15 new certifications in May 2018 to DWR staff, NCFS staff and delegated local government staff as a result of these courses. These 27 individuals are certified to determine where surface waters are present and thus where the riparian buffer rules apply. DWR also issued 19 training certificates in November 2017 and 15 training certificates in May 2018 to other individuals that successfully completed the course. These 34 individuals are not eligible to be officially certified because they do not meet the certification criteria in G.S. 143-214.25A.

Effectiveness: DWR consistently receives positive feedback about this course. The class also fills quickly upon opening of registration and consistently carries a waitlist. DWR asked the participants to rate their level of knowledge before the course (on a scale of 1-5), and the average was 2.4 in November 2017, and 2.8 in May 2018. DWR asked the participants to rate their level of knowledge again after the course, and the average was 4.4 in November 2017, and 4.5 in May 2018.

Recommendations: DWR always reviews the course evaluations completed by the students and makes adjustments to the course as needed based on that feedback. DWR will continue to solicit feedback and make improvements to future courses.

