



NORTH CAROLINA  
*Environmental Quality*

ROY COOPER  
*Governor*

MICHAEL S. REGAN  
*Secretary*

LINDA CULPEPPER  
*Interim Director*

## Surface Water Identification and Training Class (SWITC)

### Tuesday

***Booth Field Learning Lab,  
4000 Chi Rd***

8:00 - 8:30	Welcome, introductions, logistics	Mike Burchell/ Niki Maher
8:30 - 8:50	Course Background & Objectives, Buffer Rules & Methodology Overview	Sue Homewood
8:50 - 9:30	Stream Networks and Hydrologic Functions	Barbara Doll
9:30 - 9:40	Break	
9:40 - 10:00	Soils	Mac Haupt
10:00 - 11:00	Geomorphology	Barbara Doll
11:00 - 11:10	Break	
11:10 - 12:20	Role of Aquatic Biology, Sampling Methods	Lauren Housley
12:20 - 1:15	Lunch (catered)	
1:45 - 5:00	Field Site (Brookhaven Park, UT Hare Snipe Cr)	<b><i>Vanpool to offsite location</i></b>
5:30 - 7:30	Lab: Procedures for Field I.D. of Macroinvertebrates *Snacks provided before/during the "Bug Show"	<b><i>Booth Field Learning Lab</i></b> Lauren Housley

### Wednesday

***Booth Field Learning Lab***

8:00 - 8:15	Logistics, daily review	Niki Maher
8:15 - 9:10	Riparian Zones: Definition and Functions	Mike Burchell
9:10 - 10:00	Buffer Rule Basics Part I	Sue Homewood
10:00 - 10:10	Break	



### **Wednesday (continued)**

### ***Booth Field Learning Lab***

10:10 - 11:10	Buffer Rule Basics Part II	Paul Wojoski
11:10 - 11:40	Stream Origins, Transitions, & Modifications	Andy Kiley
11:40 - 11:55	Break	
11:55 - 12:15	Stormwater Management and the Buffer Rules	Chonticha McDaniel
12:15 - 12:45	Forestry and the Buffer Rules	Tom Gerow
12:45 - 1:30	Lunch (catered)	
2:00 - 5:00	Field Sites (NCSU Lake Wheeler Field Station, UTs to Swift Cr at Agroecology Education Farm & Chi Rd)	<b><i>Vanpool to offsite locations</i></b>

### **Thursday**

### ***Booth Field Learning Lab***

8:00 - 8:45	Meet @ Classroom: logistics, vanpool to site	
8:45 - 12:00	Field Site (North Cary Park, UT Black Cr)	<b><i>Vanpool to offsite locations</i></b>
12:00 - 1:30	Lunch (on your own- vanpool @ Harrison Square)	
1:30 - 5:00	Field Site (Umstead State Park, UT Reedy Cr)	<b><i>Vanpool to offsite locations</i></b>

### **Friday**

### ***Booth Field Learning Lab***

8:00 - 8:30	Review with any final questions	
8:30 - 9:30	Classroom Test	
10:00 - 12:15	Field Test (Schenck Memorial Forest, UT Richlands Cr)	<b><i>Vanpool to offsite location</i></b>
12:15 - 1:00	Lunch (box lunch @ Schenck picnic shelter)	
1:00 - 3:15	Field Test (Windemere Beaverdam Park, SW Prong Beaverdam Cr)	<b><i>Vanpool to offsite location</i></b>
3:15 - 3:30	Course evaluations/ dismissal	