North Carolina Department of Environment and Natural Resources
Division of Water Resources
Water Quality Programs

Pat McCrory
Governor

Thomas A. Reeder
Director

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Secretary

Surface Water Identification and Training Class (SWITC)
Ralph Winkworth Forestry Center: Kinston, NC
Example Agenda

Tuesday,

8:00 – 8:10	Welcome and Introductions
8:10 – 8:20	SWITC Course; Background, Objectives and Overview
8:20 – 9:15	Stream Networks and Types of Headwater Streams
9:15 – 9:30	Break
9:30 – 10:15	Geomorphology and the NC Stream ID Method
10:15 – 11:00	Role of Aquatic Biology in Stream ID
11:00 – 11:30	Stream Maps
11:30 - 12:00	Methodology for Id of Intermittent and Perennial Streams
12:00 – 12:45	Lunch
12:45 – 1:15	Soil Based Evidence of a Seasonal High Water Table
1:15 – 5:30	Field Site - Horn Pike Branch Watershed or Tulles Mill
5:30	Dinner
7:00 – 8:00	Procedures for Field ID of Macrobenthos

Wednesday,

7:00	Breakfast
7:45 – 8:05	Riparian Zones: Definition and Functions
8:05 – 9:15	Overview of NC Buffer Rules
9:15 – 9:30	Break
9:30 – 9:50	Forestry and the Buffer rules
9:50 – 10:15	Stormwater Management and the Buffer Rules

401 & Buffer Permitting Unit
1650 Mail Service Center, Raleigh, North Carolina 27699-1650
Location: 512 N. Salisbury St. Raleigh, North Carolina 27604
Phone: 919-807-6300 \ FAX: 919-807-6494
Internet: www.ncwaterquality.org

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10:15 – 10:45	Urban Streams
10:45 – 11:00	Break
11:00 – 11:30	Buffer Authorizations and Variances
11:30 – 12:00	Compliance & Enforcement of the Buffer Rules
12:00 – 1:00	Lunch
1:00 – 5:30	Field Visits - CSS Neuse; Kinston Urban Stream Tour
5:30 – 6:30	Dinner
7:00	Review Session (optional)

Thursday,

7:00	Breakfast
7:45 – 12:00	Field Site - Croatan
12:00 – 1:00	Lunch - Lawson Creek Park
1:00 – 5:30	Field Visits - Industrial Park
5:30	Dinner (steak night?)
7:00	Study

Friday,

7:00	Breakfast
8:00 – 8:15	Review any final questions
8:15 – 9:15	Written Test
9:15 – 12:30	Field Test - Craven Co. Community College
12:30 – 12:45	Go over test answers
12:45	Adjourn

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