

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	SC 41 – Wando Bridge	Date:	3/15/05
Applicant/Owner:	SCDOT	County:	Berkeley/Charleston
Investigator:	M. Thomas - EcoScience	State:	SC
Do Normal Circumstances Exist on the Site?	Yes No	Community ID:	PSS1/PFO4
Is the site significantly disturbed (Atypical)?	Yes No	Transect ID:	TN07
Is the area a potential problem area?	Yes No	Plot ID:	Wetland

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <i>Acer rubrum</i>	C	FAC	9. _____	_____	_____
2. <i>Liquidambar styraciflua</i>	C	FAC+	10. _____	_____	_____
3. <i>Pinus taeda</i>	C	FAC	11. _____	_____	_____
4. <i>Carex</i> (Spp.)	H	_____	12. _____	_____	_____
5. <i>Simalix rotundifolia</i>	V	FAC	13. _____	_____	_____
6. <i>Sabal palmetto</i>	T	FAC	14. _____	_____	_____
7. <i>Erianthus giganteus</i>	H	FACW	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 100%

Remarks:

HYDROLOGY

<p>_____ Recorded Data (Describe in Remarks)</p> <p>_____ Stream, Lake or Tide Gauge</p> <p>_____ Aerial Photographs</p> <p>_____ Other</p> <p><u> x </u> No Recorded Data Available</p> <p>Field Observations:</p> <p>Depth of Surface Water: _____ (in.)</p> <p>Depth to Free Water in Pit: <u> 8 </u> (in.)</p> <p>Depth to Saturated Soil: <u> 7 </u> (in.)</p>	<p>Primary Wetland Hydrology Indicators:</p> <p>_____ Inundated</p> <p><u> x </u> Saturated in Upper 12 Inches</p> <p>_____ Water Marks</p> <p>_____ Drift Lines</p> <p>_____ Sediment Deposits</p> <p>_____ Drainage Patterns in Wetlands</p> <p>Secondary Indicators: (2 or more required):</p> <p>_____ Oxidized Root Channels in Upper 12 Inches</p> <p>_____ Water-Stained Leaves</p> <p>_____ Local Soil Survey Data</p> <p><u> x </u> FAC-Neutral Test</p> <p>_____ Other (Explain in Remarks)</p>
Remarks:	

SOILS

Map Unit Name (Series and Phase): Meggett Loam					
Taxonomy (Subgroup): Typic Albaqualfs					
Drainage Class: PD					
Field Observations Confirm Mapped Type: Yes No					
Profile Description:					
<u>Depth (inches)</u>	<u>Horizon</u>	<u>Matrix Color (Munsell Moist)</u>	<u>Mottle Colors (Munsell Moist)</u>	<u>Mottle Abundance/Contrast</u>	<u>Texture, Concretions Structure, etc.</u>
0 - 2	A	2.5Y 3/1			Fine, sandy loam
2 – 12+	B	10YR 6/1	2.5Y 6/6	10%	Course sand
Hydric Soil Indicators:					
<input type="checkbox"/> Histosol			<input type="checkbox"/> Concretions		
<input type="checkbox"/> Histic Epipedon			<input type="checkbox"/> High Organic Content in Surface layer in Sandy Soils		
<input type="checkbox"/> Sulfidic Odor			<input type="checkbox"/> Organic Streaking in Sandy Soils		
<input checked="" type="checkbox"/> Aquic Moisture Regime			<input type="checkbox"/> Listed on Local Hydric Soils List		
<input type="checkbox"/> Reducing Conditions			<input checked="" type="checkbox"/> Listed on National Hydric Soils List		
<input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors			<input type="checkbox"/> Other (Explain in Remarks)		
Remarks:					

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	No	Is this Sampling Point Within a Wetland?
Wetland Hydrology Present?	Yes	No	
Hydric Soils Present?	Yes	No	
<div style="text-align: right;">Yes No</div>			
Remarks: Medium quality freshwater wetland			