

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

Project/Site: SC 41 – Wando Bridge	Date: 3/16/05
Applicant/Owner: SCDOT	County: Berkeley/Charleston
Investigator: M. Thomas - EcoScience	State: SC
Do Normal Circumstances Exist on the Site? Yes No	Community ID: PFO1/PF04
Is the site significantly disturbed (Atypical)? Yes No	Transect ID: TV11
Is the area a potential problem area? Yes No	Plot ID: Wetland TV/TW

VEGETATION

<i>Dominant Plant Species</i>	<i>Stratum</i>	<i>Indicator</i>	<i>Dominant Plant Species</i>	<i>Stratum</i>	<i>Indicator</i>
1. <i>Pinus taeda</i>	C	FAC	9. _____	_____	_____
2. <i>Smilax rotundifolia</i>	V	FAC	10. _____	_____	_____
3. <i>Magnolia virginiana</i>	S	FACW+	11. _____	_____	_____
4. <i>Liquidambar styraciflua</i>	C	FAC+	12. _____	_____	_____
5. <i>Acer rubrum</i>	C	FAC	13. _____	_____	_____
6. <i>Sabal palmetto</i>	C	FAC	14. _____	_____	_____
7. _____	_____	_____	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><i>Field Observations:</i></p> <p>Depth of Surface Water: _____ (in.)</p> <p>Depth to Free Water in Pit: <u> 1 </u> (in.)</p> <p>Depth to Saturated Soil: <u> 0 </u> (in.)</p>	<p><i>Primary Wetland Hydrology Indicators:</i></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><i>Secondary Indicators: (2 or more required):</i></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:	

SOILSMap Unit Name (Series and Phase): Lynchburg Fine Sandy Loam/Meggett LoamTaxonomy (Subgroup): Aeric Paleaquults/Typic AlbaqualfsDrainage Class: SWPD/PDField 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 - 10	A	10YR 5/1	10YR 5/4	10%	Fine, sandy loam
10 -12+	B	2.5Y 7/2			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 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	
			Yes No
Remarks: Medium quality freshwater wetland			