

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

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

**VEGETATION**

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <i>Pinus taeda</i>	C	FAC	9. _____	_____	_____
2. <i>Quercus alba</i>	C	FACU	10. _____	_____	_____
3. <i>Acer rubrum</i>	C	FAC	11. _____	_____	_____
4. <i>Lonicera japonica</i>	V	FAC-	12. _____	_____	_____
5. <i>Ligustrum sinense</i>	S	FAC	13. _____	_____	_____
6. <i>Smilax rotundifolia</i>	V	FAC	14. _____	_____	_____
7. <i>Magnolia tripetala</i>	S	FAC	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 83%

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><b>Field Observations:</b></p> <p>Depth of Surface Water: _____ (in.)</p> <p>Depth to Free Water in Pit: _____ (in.)</p> <p>Depth to Saturated Soil: <u>  10  </u> (in.)</p>	<p><b>Primary Wetland Hydrology Indicators:</b></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><b>Secondary Indicators: (2 or more required):</b></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>
<p>Remarks:</p>	

**SOILS**Map Unit Name (Series and Phase): Meggett LoamTaxonomy (Subgroup): Typic AlbaqualfsDrainage Class: 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>
1 - 0	O	10YR 2/1			Fabric
0 - 1	A	10YR 4/2			Fine, sandy loam
1 - 12+	B	2.5Y 5/4	10YR 5/6	20%	Fine, sandy loam

## 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 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 type="checkbox"/> Gleyed or Low-Chroma Colors	<input type="checkbox"/> Other (Explain in Remarks)

Remarks:

**WETLAND DETERMINATION**

Hydrophytic Vegetation Present?	<b>Yes</b>	No	Is this Sampling Point Within a Wetland?
Wetland Hydrology Present?	<b>Yes</b>	No	
Hydric Soils Present?	Yes	<b>No</b>	
			Yes <b>No</b>

Remarks: