

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

<b>Project/Site:</b> SC 41 – Wando Bridge	<b>Date:</b> 3/17/05
<b>Applicant/Owner:</b> SCDOT	<b>County:</b> Berkeley/Charleston
<b>Investigator:</b> Allen – EcoScience	<b>State:</b> SC
<b>Do Normal Circumstances Exist on the Site?</b> Yes No	<b>Community ID:</b> Disturbed
<b>Is the site significantly disturbed (Atypical)?</b> Yes No	<b>Transect ID:</b> BE02
<b>Is the area a potential problem area?</b> Yes No	<b>Plot ID:</b> Wetland

**VEGETATION**

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <i>Baccharis halimifolia</i>	shrub	FAC	9. _____	_____	_____
2. <i>Rubus sp.</i>	shrub	--	10. _____	_____	_____
3. <i>Arundinaria gigantea</i>	shrub	FACW	11. _____	_____	_____
4. <i>Lonicera japonica</i>	vine	FAC-	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-) 66%

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: <u> 6 </u> (in.)</p> <p>Depth to Free Water in Pit: <u> 0 </u> (in.)</p> <p>Depth to Saturated Soil: <u> 0 </u> (in.)</p>	<p><i>Primary Wetland Hydrology Indicators:</i></p> <p><u> x </u> 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><u> x </u> Oxidized Root Channels in Upper 12 Inches</p> <p><u> x </u> 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): Lynchburg fine sandy loamTaxonomy (Subgroup): Aeric PaleaquultsDrainage Class: SPDField 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 - 5		10YR 3/1			sandy loam
8 - 12+		2.5Y 6/2	10YR 5/6	20%	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 type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input checked="" 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?	<b>Yes</b>	No	Is this Sampling Point Within a Wetland?
Wetland Hydrology Present?	<b>Yes</b>	No	
Hydric Soils Present?	<b>Yes</b>	No	
			<b>Yes</b> No

Remarks: Medium to low quality freshwater wetland