

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:	PFO4
Is the site significantly disturbed (Atypical)?	Yes No	Transect ID:	BH08=TY08
Is the area a potential problem area?	Yes No	Plot ID:	Wetland TY-TW-TX-TAB

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <i>Pinus taeda</i>	C	FAC	9. _____	_____	_____
2. <i>Acer rubrum</i>	C	FAC	10. _____	_____	_____
3. <i>Liquidambar styraciflua</i>	C	FAC+	11. _____	_____	_____
4. <i>Magnolia virginiana</i>	S	FACW+	12. _____	_____	_____
5. <i>Lonicera japonica</i>	V	FAC-	13. _____	_____	_____
6. <i>Quercus nigra</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><input checked="" type="checkbox"/> No Recorded Data Available</p>	<p><i>Primary Wetland Hydrology Indicators:</i></p> <p><input checked="" type="checkbox"/> Inundated</p> <p>_____ 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><input checked="" type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input checked="" type="checkbox"/> Water-Stained Leaves</p> <p>_____ Local Soil Survey Data</p> <p><input checked="" type="checkbox"/> FAC-Neutral Test</p> <p>_____ Other (Explain in Remarks)</p>
<p><i>Field Observations:</i></p> <p>Depth of Surface Water: <u> 3 </u> (in.)</p> <p>Depth to Free Water in Pit: <u> </u> (in.)</p> <p>Depth to Saturated Soil: <u> </u> (in.)</p>	
<p>Remarks:</p>	

Wetland 19 (TX, TAB)

SOILS

Map Unit Name (Series and Phase): Lynchburg Fine Sandy Loam					
Taxonomy (Subgroup): Aerice Paleaquults					
Drainage Class: SWPD					
Field Observations Confirm Mapped Type: Yes No					
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions Structure, etc.
0 - 2	A	10YR 5/1			Fine, sandy loam
2 -12+	B	2.5Y 6/1	10YR 4/6	30%	Fine, sandy clay 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 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:					

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Hydrophytic Vegetation Present?	Yes	No	Is this Sampling Point Within a Wetland?	
Wetland Hydrology Present?	Yes	No		
Hydric Soils Present?	Yes	No		
Remarks: Low quality freshwater wetland			Yes	No