

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: Allen – EcoScience	State: SC
Do Normal Circumstances Exist on the Site? Yes No	Community ID: Disturbed
Is the site significantly disturbed (Atypical)? Yes No	Transect ID: BA02
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>Juncus effusus</i>	H	FACW+	9. _____	_____	_____
2. <i>Carex</i> (Spp.)	H	--	10. _____	_____	_____
3. <i>Ludwigia</i> spp.	H	--	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	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>____ Inundated</p> <p><input checked="" type="checkbox"/> 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>
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Field Observations:

Depth of Surface Water: _____ (in.)

Depth to Free Water in Pit: 0 (in.)

Depth to Saturated Soil: 0 (in.)

Remarks:

SOILSMap 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>
0 - 8		2.5Y 3/1			silty loam
8 - 12+		2.5Y 4/1	10YR 4/6	20%	clay

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 checked="" 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?	Yes	No	Is this Sampling Point Within a Wetland?
Wetland Hydrology Present?	Yes	No	
Hydric Soils Present?	Yes	No	
			Yes No

Remarks: Low quality freshwater wetland