

## **ATTACHMENT 4 – 2007 WETLAND DATASHEETS**

**DATA FORM**

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

Project/Site: Huntington Community	Date: 23 July 2007
Applicant / Owner: Fairfax County	County: Fairfax
Investigator(s): T. Crockett-Augustine, R. Stouffer, J. Grundy, S. Madden	State: VA
Do Normal Circumstances exist on the site? Yes	Community ID: PFO
Is the site significantly disturbed (Atypical Situation)? No	Transect ID: 12c
Is the area a potential Problem Area? (If needed, explain on reverse) No	Plot ID: Wetland

**VEGETATION**

Dominant Plant Species	Stratum	Indicator	Non-Dominant Plant Species	Stratum	Indicator
1. Acer rubrum	Tree	FAC	9.		
2. Fraxinus pennsylvanicum	Sap	FACW	10.		
3. Acer negundo	Tree	FAC+	11.		
4. Acer negundo	Tree	FAC+	12.		
5. Polygonum persicaria	Herb	FACW	13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW, or FAC (excluding FAC-): 100%

Remarks:

**HYDROLOGY**

<input type="checkbox"/> Recorded Data (Describe in Remarks) <ul style="list-style-type: none"> <li><input type="checkbox"/> Stream, Lake, or Tide Gauge</li> <li><input type="checkbox"/> Aerial Photographs</li> <li><input checked="" type="checkbox"/> Other</li> </ul> <input type="checkbox"/> No Recorded Data Available		<b>WETLAND HYDROLOGY INDICATORS</b>	
<b>FIELD OBSERVATIONS</b>		Primary Indicators: <ul style="list-style-type: none"> <li><input type="checkbox"/> Inundated</li> <li><input type="checkbox"/> Saturated in Upper 12 Inches</li> <li><input checked="" type="checkbox"/> Water Marks</li> <li><input type="checkbox"/> Drift Lines</li> <li><input checked="" type="checkbox"/> Sediment Deposits</li> <li><input checked="" type="checkbox"/> Drainage Patterns in Wetlands</li> </ul>	
Depth of Surface Water	N/A (in)	Secondary Indicators (2 or more Required): <ul style="list-style-type: none"> <li><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</li> <li><input type="checkbox"/> Water-Stained Leaves</li> <li><input type="checkbox"/> Local Soil Survey Data</li> <li><input type="checkbox"/> FAC-Neutral Test</li> <li><input type="checkbox"/> Other (Explain in Remarks)</li> </ul>	
Depth to Free Water in Pit	N/A (in)		
Depth to Saturated Soil	12 (in)		

**SOILS**

**Wetland 12c**

Map Unit Name (Series and Phase): Hatboro silt loam				Drainage Class: Poorly drained	
Taxonomy (Subgroup):			Field Observations Confirm Mapped Type?		
PROFILE DESCRIPTION					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-4	A	10YR4/2	10YR5/8	com, med, distinct	sand
4-12	B	10YR4/2	10YR5/8	com, med, distinct	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 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?	Y	Is this Sampling Point Within a Wetland? <b>YES</b>
Wetland Hydrology Present?	Y	
Hydric Soils Present?	Y	
Remarks This wetland was previously delineated as a larger area in the 1997 delineation for the Woodrow Wilson Bridge. Currently, it is a linear feature influenced by tides in Cameron Run from the Potomac River.		

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Investigator(s): T. Crockett-Augustine, R. Stouffer, J. Grundy, S. Madden	State: VA
Do Normal Circumstances exist on the site? Yes	Community ID: PEM/PFO
Is the site significantly disturbed (Atypical Situation)? No	Transect ID: 13
Is the area a potential Problem Area? (If needed, explain on reverse) No	Plot ID: Wetland

**VEGETATION**

Dominant Plant Species	Stratum	Indicator	Non-Dominant Plant Species	Stratum	Indicator
1. Leersia oryzoides	Herb	OBL	9.		
2. Polygonum sp. (sample)	Herb		10.		
3. Polygonum persicaria	Herb	FACW	11.		
4. Fraxinus pennsylvanica	Sap	FACW	12.		
5. Nuphar advena	Herb	OBL	13.		
6. Impatiens capensis	Herb	FACW	14.		
7.			15.		
8.			16.		

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

Remarks:

**HYDROLOGY**

<input type="checkbox"/> Recorded Data (Describe in Remarks) <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input checked="" type="checkbox"/> Other <input type="checkbox"/> No Recorded Data Available		<p align="center"><b>WETLAND HYDROLOGY INDICATORS</b></p> <p>Primary Indicators:</p> <input type="checkbox"/> Inundated <input checked="" type="checkbox"/> Saturated in Upper 12 Inches <input checked="" type="checkbox"/> Water Marks <input type="checkbox"/> Drift Lines <input checked="" type="checkbox"/> Sediment Deposits <input checked="" type="checkbox"/> Drainage Patterns in Wetlands	
<b>FIELD OBSERVATIONS</b>			
Depth of Surface Water		N/A (in)	<p>Secondary Indicators (2 or more Required):</p> <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input checked="" type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input type="checkbox"/> Other (Explain in Remarks)
Depth to Free Water in Pit		N/A (in)	
Depth to Saturated Soil		6 (in)	

