

EXHIBIT W

Identification of Wetlands

Company: Tapestry Development Group

Development: Marshall Landing

Development Location: 908 Marshall Road, Greenwood

County: Greenwood Acres: 4.32

 I certify that the development listed above **does not** contain jurisdictional and non-jurisdictional wetlands.

 X I certify that the development listed above **does** contain jurisdictional and/or non-jurisdictional wetlands and the proposed development will not disturb the wetlands. The wetlands are 0.20 (acres) in size, rendering the buildable percentage at 86.4 %.

I have provided the following:

1. National Wetlands Inventory (NWI) map
2. My credentials that qualify me to make this determination.

Financial Interest: Neither I nor the company I work for have any financial interest in the proposed LIHTC application other than in the practice of our profession.

Solomons, Allen Digitally signed by Solomons, Allen
Date: 2026.04.28 16:06:40 -04'00'

04/28/2026

Signature and Certification of Wetlands Professional

Date

Allen Solomons

Name of Wetland Professional



Signature and Certification of Development Owner

05/14/26

Date

Tapestry Development Group, Inc.

Name of Developer



Allen Solomons

Environmental Scientist

Allen Solomon is an experienced Environmental Scientist with a strong background in providing environmental services for infrastructure projects across South Carolina for nine years. He has managed environmental aspects for major projects, including roadway widenings and interchange improvements. Allen's expertise includes preparing permits, conducting environmental impact assessments, and coordinating with multiple stakeholders to ensure compliance with environmental regulations. His work has involved addressing challenges related to wetlands, streams, hazardous materials, and historical areas, demonstrating his ability to navigate and mitigate environmental concerns effectively. Allen's dedication to minimizing environmental impacts and his meticulous planning have contributed to the successful execution of numerous projects, making him a valuable asset in the field of environmental science.

Broad River Road Widening, Richland County, South Carolina. Environmental scientist providing engineering services for this widening project which will widen Broad River Road from 2 to 5 lanes for approximately 3 miles from near Royal Tower Drive to near Dutch Fork Road in Irmo, SC. Right of way constraints, adjacent businesses, historic properties, and numerous existing utilities present significant challenges for this widening project. In addition to managing the project, CHA is also leading the design, complicated utility coordination/relocation design, and preparing a USACE Individual Permit for impacts to jurisdictional waters.

Forestbrook Road Widening, Horry County RIDE III, South Carolina. Assisted in noise impact assessment through assembling and incorporating terrain features, traffic data, and receptor locations into noise model, preparing graphics and conducting field measurements. Also responsible for designing and plotting displays for public information meetings, and managing, maintaining, and creating GIS data. Project Cost: \$89.1M

I-26 Widening and Interchange Improvements, MM 85 – MM 101, Newberry, Lexington and Richland Counties, South Carolina. Environmental planner for the 15-mile design build preparation for the widening of I-26 from Columbia to Little Mountain, SC. Responsibilities included a preliminary and detailed traffic noise analysis, resulting in two sound barriers being recommended. Services also included barrier design analysis, graphics preparation, cost estimates, and public outreach related to noise impacts. Project Cost: \$530M

SCDOT Environmental Compliance, I 26 MM149 to MM172, Orangeburg and Dorchester Counties, South Carolina. Construction inspections for SCDOT right-of-way clearing and median clearing and grading for maintaining compliance with regulatory policies and permits.

SC 246 Corridor Improvements, Greenwood County, South Carolina. Environmental scientist responsible for wetland delineations of a 4.2-mile proposed



Education

B.S. Environmental & Natural Resources, Clemson University

M.S. Forest Resources, Clemson University

Registrations

NAEP -SC

Training/Certifications

CEPSCI

D&D West Wetland Delineation (2020)

D&D West Endangered Species Identification (2023)

widening of SC 246. Also prepared the USACE Jurisdictional Determination, Biological Assessment and completed protected species surveys.

Allen Solomons
Environmental Scientist

S-1632 over Simons Creek Bridge Replacement, Charleston County, South Carolina. Environmental scientist responsible for wetland delineations and critical area determinations for a bridge replacement over a tidally influenced creek. Also prepared the USACE Jurisdictional Determination, critical area concurrence for OCRM, Biological Assessment, 404 permit submittal, and completed protected species surveys.

S-114 over Turkey Creek Bridge Replacement, Sumter County, South Carolina. Environmental scientist responsible for wetland delineations for a bridge replacement over a 408 USACE maintained channel. Also prepared the USACE Jurisdictional Determination, Biological Assessment, 404 permit submittal, and completed protected species surveys. Assisted with USACE 408 permit preparation.

S-52 over Horn Creek Bridge Replacement, Edgefield County, South Carolina. Environmental scientist responsible for wetland delineations for a bridge replacement within the Sumter National Forest-Long Cane Ranger District. Also prepared the Jurisdictional Determination, USFS Biological Assessment/Biological Effects (BA/BE) document, and completed protected species surveys.

Intersection Improvement of S-169 and S-881, Charleston County, South Carolina. Environmental scientist responsible for wetland delineations for an intersection improvement project. Also prepared the Jurisdictional Determination, Biological Assessment, 404 permit submittal, and completed protected species surveys.

SCDOT, S-165 Bridge Replacement at McMeekin Pond, Marlboro County, South Carolina. Environmental scientist responsible for wetland delineations for a bridge replacement on an earthen dam due to hurricane damage. Also prepared the Jurisdictional Determination, Biological Assessment, 404 permit submittal, and completed protected species surveys.

SCDOT, Closed and Restricted Bridge Package, District 4, South Carolina. Environmental scientist responsible for wetland delineations for several closed or load restricted bridges. Also prepared the Jurisdictional Determination, Biological Assessment, 404 permit submittal, and completed protected species surveys as necessary for each project.

SCDOT, S-194 Bridge Replacement over Newman Branch, Clarendon County, South Carolina. Environmental scientist responsible for wetland delineations for a bridge replacement over Newman Branch. Also prepared the Jurisdictional Determination, Biological Assessment, and completed protected species surveys.

U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Eastern Mountains and Piedmont Region See ERDC/EL TR-12-9; the proponent agency is CECW-CO-R	OMB Control #: 0710-0024, Exp: 9/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)
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Project/Site:	Marshall Landing	City/County:	Greenwood/Greenwood	Sampling Date:	4/14/2025
Applicant/Owner:	Tapestry Development	State:	SC	Sampling Point:	UDP
Investigator(s):	A. Solomons	Section, Township, Range:	N/A		
Landform (hillside, terrace, etc.):	Hillslope	Local relief (concave, convex, none):	Concave	Slope (%):	0-1
Subregion (LRR or MLRA):	LRR P, MLRA 136	Lat:	34.180013	Long:	-82.133449
		Datum:	NAD83		
Soil Map Unit Name:	Pacolet sandy loam, 15 to 40 percent slopes	NWI classification:	None		
Are climatic / hydrologic conditions on the site typical for this time of year?	Yes	No	X	(If no, explain in Remarks.)	
Are Vegetation, Soil, or Hydrology significantly disturbed?		Are "Normal Circumstances" present?	Yes	No	X
Are Vegetation, Soil, or Hydrology naturally problematic?		(If needed, explain any answers in Remarks.)			

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes	No	X	Is the Sampled Area within a Wetland?	Yes	No	X
Hydric Soil Present?	Yes	No	X				
Wetland Hydrology Present?	Yes	No	X				
Remarks: Drought level D2 (severe drought).							

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks)	Secondary Indicators (minimum of two required) Surface Soil Cracks (B6) Sparsely Vegetated Concave Surface (B8) Drainage Patterns (B10) Moss Trim Lines (B16) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Geomorphic Position (D2) Shallow Aquitard (D3) Microtopographic Relief (D4) FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Yes Yes Yes No No No X X X Depth (inches): Depth (inches): Depth (inches):	Wetland Hydrology Present? Yes No X
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks: No wetland hydrology observed.	

VEGETATION (Five Strata) – Use scientific names of plants.

 Sampling Point: UDP

Tree Stratum (Plot size: <u>30 feet</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Liquidambar styraciflua</u>	<u>30</u>	<u>Yes</u>	<u>FAC</u>
2. <u>Acer rubrum</u>	<u>20</u>	<u>Yes</u>	<u>FAC</u>
3. <u>Quercus alba</u>	<u>20</u>	<u>Yes</u>	<u>FACU</u>
4. <u>Pinus taeda</u>	<u>10</u>	<u>No</u>	<u>FAC</u>
5. _____	_____	_____	_____
6. _____	_____	_____	_____
	<u>80</u> =Total Cover		
50% of total cover: <u>40</u>	20% of total cover: <u>16</u>		

Sapling Stratum (Plot size: <u>30 feet</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Liquidambar styraciflua</u>	<u>15</u>	<u>Yes</u>	<u>FAC</u>
2. <u>Acer rubrum</u>	<u>10</u>	<u>Yes</u>	<u>FAC</u>
3. <u>Ulmus americana</u>	<u>10</u>	<u>Yes</u>	<u>FACW</u>
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
	<u>35</u> =Total Cover		
50% of total cover: <u>18</u>	20% of total cover: <u>7</u>		

Shrub Stratum (Plot size: <u>30 feet</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Rhododendron canescens</u>	<u>20</u>	<u>Yes</u>	<u>FACW</u>
2. <u>Acer rubrum</u>	<u>10</u>	<u>Yes</u>	<u>FAC</u>
3. <u>Quercus alba</u>	<u>10</u>	<u>Yes</u>	<u>FACU</u>
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
	<u>40</u> =Total Cover		
50% of total cover: <u>20</u>	20% of total cover: <u>8</u>		

Herb Stratum (Plot size: <u>30 feet</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Toxicodendron radicans</u>	<u>10</u>	<u>Yes</u>	<u>FAC</u>
2. <u>Chasmanthium laxum</u>	<u>10</u>	<u>Yes</u>	<u>FAC</u>
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
	<u>20</u> =Total Cover		
50% of total cover: <u>10</u>	20% of total cover: <u>4</u>		

Woody Vine Stratum (Plot size: <u>30 feet</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Toxicodendron radicans</u>	<u>20</u>	<u>Yes</u>	<u>FAC</u>
2. <u>Smilax rotundifolia</u>	<u>5</u>	<u>Yes</u>	<u>FAC</u>
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
	<u>25</u> =Total Cover		
50% of total cover: <u>13</u>	20% of total cover: <u>5</u>		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 11 (A)

Total Number of Dominant Species Across All Strata: 13 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 84.6% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>0</u>	x 1 = <u>0</u>
FACW species <u>30</u>	x 2 = <u>60</u>
FAC species <u>140</u>	x 3 = <u>420</u>
FACU species <u>30</u>	x 4 = <u>120</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>200</u> (A)	<u>600</u> (B)
Prevalence Index = B/A = <u>3.00</u>	

Hydrophytic Vegetation Indicators:

- 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- 3 - Prevalence Index is ≤3.0¹
- 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
- Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Five Vegetation Strata:

Tree – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH).

Sapling – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.

Shrub - Woody Plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.

Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody plants, except woody vines, less than approximately 3 ft (1 m) in height.

Woody Vine – All woody vines, regardless of height.

Hydrophytic Vegetation Present?

Yes X No

Remarks: (Include photo numbers here or on a separate sheet.)
Hydrophytic vegetation observed.

SOIL

Sampling Point: UDP**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-18	10YR 5/8	100					Loamy/Clayey	Prominent redox concentrations

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.²Location: PL=Pore Lining, M=Matrix.**Hydric Soil Indicators:**

☐ Histosol (A1)
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5)
☐ 2 cm Muck (A10) (**LRR N**)
☐ Depleted Below Dark Surface (A11)
☐ Thick Dark Surface (A12)
☐ Iron Monosulfide (A18)
☐ Sandy Mucky Mineral (S1)
☐ Sandy Gleyed Matrix (S4)
☐ Sandy Redox (S5)
☐ Stripped Matrix (S6)
☐ Dark Surface (S7)

☐ Polyvalue Below Surface (S8) (**MLRA 147, 148**)
☐ Thin Dark Surface (S9) (**MLRA 147, 148**)
☐ Loamy Mucky Mineral (F1) (**MLRA 136**)
☐ Loamy Gleyed Matrix (F2)
☐ Depleted Matrix (F3)
☐ Redox Dark Surface (F6)
☐ Depleted Dark Surface (F7)
☐ Redox Depressions (F8)
☐ Iron-Manganese Masses (F12) (**LRR N, MLRA 136**)
☐ Umbric Surface (F13) (**MLRA 122, 136**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 148**)
☐ Red Parent Material (F21) (**MLRA 127, 147, 148**)

Indicators for Problematic Hydric Soils³:

☐ 2 cm Muck (A10) (**MLRA 147**)
☐ Coast Prairie Redox (A16) (**MLRA 147, 148**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 136, 147**)
☐ Red Parent Material (F21) (**outside MLRA 127, 147, 148**)
☐ Very Shallow Dark Surface (F22)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes _____ No X

Remarks:

No Hydric soils observed.

U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Eastern Mountains and Piedmont Region See ERDC/EL TR-12-9; the proponent agency is CECW-CO-R	OMB Control #: 0710-0024, Exp: 9/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)
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Project/Site:	Marshall Landing	City/County:	Greenwood/Greenwood	Sampling Date:	4/14/2026
Applicant/Owner:	Tapestry Development	State:	SC	Sampling Point:	WDP
Investigator(s):	A. Solomons	Section, Township, Range:	N/A		
Landform (hillside, terrace, etc.):	Slope convergance	Local relief (concave, convex, none):	Concave	Slope (%):	0-1
Subregion (LRR or MLRA):	LRR P, MLRA 136	Lat:	34.180014	Long:	-82.133343
		Datum:	NAD83		
Soil Map Unit Name:	Pacolet sandy loam, 15 to 40 percent slopes	NWI classification:	None		
Are climatic / hydrologic conditions on the site typical for this time of year?	Yes	No	X	(If no, explain in Remarks.)	
Are Vegetation, Soil, or Hydrology significantly disturbed?	Yes	No	X	Are "Normal Circumstances" present?	Yes No X
Are Vegetation, Soil, or Hydrology naturally problematic?	(If needed, explain any answers in Remarks.)				

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes	No	X	Is the Sampled Area within a Wetland?	Yes	No	X
Hydric Soil Present?	Yes	X	No				
Wetland Hydrology Present?	Yes	X	No				
Remarks: Drought level D2 (severe drought).							

HYDROLOGY

Wetland Hydrology Indicators:				Secondary Indicators (minimum of two required)			
Primary Indicators (minimum of one is required; check all that apply)							
Surface Water (A1)		True Aquatic Plants (B14)		Surface Soil Cracks (B6)			
High Water Table (A2)		Hydrogen Sulfide Odor (C1)		Sparsely Vegetated Concave Surface (B8)			
X Saturation (A3)		X Oxidized Rhizospheres on Living Roots (C3)		Drainage Patterns (B10)			
Water Marks (B1)		Presence of Reduced Iron (C4)		Moss Trim Lines (B16)			
Sediment Deposits (B2)		Recent Iron Reduction in Tilled Soils (C6)		Dry-Season Water Table (C2)			
Drift Deposits (B3)		Thin Muck Surface (C7)		Crayfish Burrows (C8)			
Algal Mat or Crust (B4)		Other (Explain in Remarks)		Saturation Visible on Aerial Imagery (C9)			
Iron Deposits (B5)				Stunted or Stressed Plants (D1)			
Inundation Visible on Aerial Imagery (B7)				Geomorphic Position (D2)			
X Water-Stained Leaves (B9)				Shallow Aquitard (D3)			
Aquatic Fauna (B13)				Microtopographic Relief (D4)			
				FAC-Neutral Test (D5)			
Field Observations:				Wetland Hydrology Present? Yes X No			
Surface Water Present?	Yes	No	X				
Water Table Present?	Yes	X	No	Depth (inches):	15		
Saturation Present?	Yes	X	No	Depth (inches):	4		
(includes capillary fringe)							
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:							
Remarks: Wetland hydrology observed.							

VEGETATION (Five Strata) – Use scientific names of plants.

 Sampling Point: WDP

Tree Stratum (Plot size: <u>30 feet</u>)	Absolute % Cover	Dominant Species?	Indicator Status																	
1. <u>Liquidambar styraciflua</u>	<u>20</u>	<u>Yes</u>	<u>FAC</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>12</u> (A) Total Number of Dominant Species Across All Strata: <u>12</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)																
2. <u>Acer rubrum</u>	<u>20</u>	<u>Yes</u>	<u>FAC</u>																	
3. <u>Quercus nigra</u>	<u>20</u>	<u>Yes</u>	<u>FAC</u>																	
4. <u>Platanus occidentalis</u>	<u>10</u>	<u>No</u>	<u>FACW</u>																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
70 =Total Cover																				
50% of total cover: <u>35</u>		20% of total cover: <u>14</u>																		
Sapling Stratum (Plot size: <u>30 feet</u>)																				
1. <u>Liquidambar styraciflua</u>	<u>15</u>	<u>Yes</u>	<u>FAC</u>	Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th style="width: 50%;">Total % Cover of:</th> <th style="width: 50%;">Multiply by:</th> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>70</u></td> <td>x 2 = <u>140</u></td> </tr> <tr> <td>FAC species <u>150</u></td> <td>x 3 = <u>450</u></td> </tr> <tr> <td>FACU species <u>0</u></td> <td>x 4 = <u>0</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>220</u> (A)</td> <td><u>590</u> (B)</td> </tr> <tr> <td colspan="2" style="text-align: center;">Prevalence Index = B/A = <u>2.68</u></td> </tr> </table>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>70</u>	x 2 = <u>140</u>	FAC species <u>150</u>	x 3 = <u>450</u>	FACU species <u>0</u>	x 4 = <u>0</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>220</u> (A)	<u>590</u> (B)	Prevalence Index = B/A = <u>2.68</u>	
Total % Cover of:	Multiply by:																			
OBL species <u>0</u>	x 1 = <u>0</u>																			
FACW species <u>70</u>	x 2 = <u>140</u>																			
FAC species <u>150</u>	x 3 = <u>450</u>																			
FACU species <u>0</u>	x 4 = <u>0</u>																			
UPL species <u>0</u>	x 5 = <u>0</u>																			
Column Totals: <u>220</u> (A)	<u>590</u> (B)																			
Prevalence Index = B/A = <u>2.68</u>																				
2. <u>Acer rubrum</u>	<u>10</u>	<u>Yes</u>	<u>FAC</u>																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
25 =Total Cover																				
50% of total cover: <u>13</u>		20% of total cover: <u>5</u>																		
Shrub Stratum (Plot size: <u>30 feet</u>)																				
1. <u>Rhododendron canescens</u>	<u>20</u>	<u>Yes</u>	<u>FACW</u>	Hydrophytic Vegetation Indicators: <u>1</u> - Rapid Test for Hydrophytic Vegetation <u>X</u> <u>2</u> - Dominance Test is >50% <u>X</u> <u>3</u> - Prevalence Index is ≤3.0 ¹ <u>4</u> - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <u> </u> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.																
2. <u>Liquidambar styraciflua</u>	<u>10</u>	<u>Yes</u>	<u>FAC</u>																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
30 =Total Cover																				
50% of total cover: <u>15</u>		20% of total cover: <u>6</u>																		
Herb Stratum (Plot size: <u>30 feet</u>)																				
1. <u>Microstegium vimineum</u>	<u>30</u>	<u>Yes</u>	<u>FAC</u>	Definitions of Five Vegetation Strata: Tree – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). Sapling – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub - Woody Plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size, <u>and</u> woody plants, except woody vines, less than approximately 3 ft (1 m) in height. Woody Vine – All woody vines, regardless of height.																
2. <u>Arundinaria gigantea</u>	<u>20</u>	<u>Yes</u>	<u>FACW</u>																	
3. <u>Woodwardia areolata</u>	<u>20</u>	<u>Yes</u>	<u>FACW</u>																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
7. _____	_____	_____	_____																	
8. _____	_____	_____	_____																	
9. _____	_____	_____	_____																	
10. _____	_____	_____	_____																	
11. _____	_____	_____	_____																	
70 =Total Cover																				
50% of total cover: <u>35</u>		20% of total cover: <u>14</u>																		
Woody Vine Stratum (Plot size: <u>30 feet</u>)																				
1. <u>Toxicodendron radicans</u>	<u>20</u>	<u>Yes</u>	<u>FAC</u>	Hydrophytic Vegetation Present? Yes <u>X</u> No _____																
2. <u>Smilax rotundifolia</u>	<u>5</u>	<u>Yes</u>	<u>FAC</u>																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
25 =Total Cover																				
50% of total cover: <u>13</u>		20% of total cover: <u>5</u>																		
Remarks: (Include photo numbers here or on a separate sheet.) Hydrophytic vegetation observed.																				

SOIL

Sampling Point: WDP**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-6	7.5YR 4/1	95	2.5YR 5/8	5	C	PL/M	Loamy/Clayey	Prominent redox concentrations
6-18	7.5YR 4/1	100					Loamy/Clayey	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.²Location: PL=Pore Lining, M=Matrix.**Hydric Soil Indicators:**

☐ Histosol (A1)
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5)
☐ 2 cm Muck (A10) (**LRR N**)
☐ Depleted Below Dark Surface (A11)
☐ Thick Dark Surface (A12)
☐ Iron Monosulfide (A18)
☐ Sandy Mucky Mineral (S1)
☐ Sandy Gleyed Matrix (S4)
☐ Sandy Redox (S5)
☐ Stripped Matrix (S6)
☐ Dark Surface (S7)

☐ Polyvalue Below Surface (S8) (**MLRA 147, 148**)
☐ Thin Dark Surface (S9) (**MLRA 147, 148**)
☐ Loamy Mucky Mineral (F1) (**MLRA 136**)
☐ Loamy Gleyed Matrix (F2)
☒ Depleted Matrix (F3)
☐ Redox Dark Surface (F6)
☐ Depleted Dark Surface (F7)
☐ Redox Depressions (F8)
☐ Iron-Manganese Masses (F12) (**LRR N, MLRA 136**)
☐ Umbric Surface (F13) (**MLRA 122, 136**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 148**)
☐ Red Parent Material (F21) (**MLRA 127, 147, 148**)

Indicators for Problematic Hydric Soils³:

☐ 2 cm Muck (A10) (**MLRA 147**)
☐ Coast Prairie Redox (A16) (**MLRA 147, 148**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 136, 147**)
☐ Red Parent Material (F21) (**outside MLRA 127, 147, 148**)
☐ Very Shallow Dark Surface (F22)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes ☒ No ☐

Remarks:

Hydric soils observed.