

WETLAND DETERMINATION DATA FORM - Atlantic and Gulf Coastal Plain Region

Project/Site: B-770228 **City/County:** Robeson **Sampling Date:** 04-May-17
Applicant/Owner: NCDOT **State:** NC **Sampling Point:** WD UP
Investigator(s): E. Black, J. Mathis **Section, Township, Range:** S T R
Landform (hillslope, terrace, etc.): Floodplain **Local relief (concave, convex, none):** rolling **Slope:** 0.0 % / 0.0 °
Subregion (LRR or MLRA): LRR P **Lat.:** 34.724791 **Long.:** -79.142579 **Datum:** NAD83
Soil Map Unit Name: JT - Johnston soils **NWI classification:** PFO1

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
Are Vegetation ☐ **, Soil** ☐ **, or Hydrology** ☐ **significantly disturbed?** **Are "Normal Circumstances" present?** Yes ☒ No ☐
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 <input type="radio"/> No <input checked="" type="radio"/> Hydric Soil Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	Is the Sampled Area within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/>
Remarks: Sample point not within wetland.	

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Aquatic Fauna (B13) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Marl Deposits (B15) (LRR U) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9)		Secondary Indicators (minimum of 2 required) <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> FAC-Neutral Test (D5) <input type="checkbox"/> Sphagnum moss (D8) (LRR T, U)
Field Observations: Surface Water Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Water Table Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="radio"/> No <input checked="" type="radio"/> Depth (inches): _____	Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: 		
Remarks: Hydrology does not meet wetland criteria.		

VEGETATION (Five/Four Strata) - Use scientific names of plants.

Tree Stratum (Plot size: _____)				Dominant Species?	Indicator Status	Sampling Point: <u>WD UP</u>
Tree Stratum	Absolute % Cover	Rel.Strat. Cover	Indicator Status			
1. _____	0	<input type="checkbox"/> 0.0%	_____			
2. _____	0	<input type="checkbox"/> 0.0%	_____			
3. _____	0	<input type="checkbox"/> 0.0%	_____			
4. _____	0	<input type="checkbox"/> 0.0%	_____			
5. _____	0	<input type="checkbox"/> 0.0%	_____			
6. _____	0	<input type="checkbox"/> 0.0%	_____			
7. _____	0	<input type="checkbox"/> 0.0%	_____			
8. _____	0	<input type="checkbox"/> 0.0%	_____			
50% of Total Cover: <u>0</u>	20% of Total Cover: <u>0</u>	0	= Total Cover			
Sapling or Sapling/Shrub Stratum (Plot size: _____)						
1. _____	0	<input type="checkbox"/> 0.0%	_____			
2. _____	0	<input type="checkbox"/> 0.0%	_____			
3. _____	0	<input type="checkbox"/> 0.0%	_____			
4. _____	0	<input type="checkbox"/> 0.0%	_____			
5. _____	0	<input type="checkbox"/> 0.0%	_____			
6. _____	0	<input type="checkbox"/> 0.0%	_____			
7. _____	0	<input type="checkbox"/> 0.0%	_____			
8. _____	0	<input type="checkbox"/> 0.0%	_____			
50% of Total Cover: <u>0</u>	20% of Total Cover: <u>0</u>	0	= Total Cover			
Shrub Stratum (Plot size: _____)						
1. _____	0	<input type="checkbox"/> 0.0%	_____			
2. _____	0	<input type="checkbox"/> 0.0%	_____			
3. _____	0	<input type="checkbox"/> 0.0%	_____			
4. _____	0	<input type="checkbox"/> 0.0%	_____			
5. _____	0	<input type="checkbox"/> 0.0%	_____			
6. _____	0	<input type="checkbox"/> 0.0%	_____			
50% of Total Cover: <u>0</u>	20% of Total Cover: <u>0</u>	0	= Total Cover			
Herb Stratum (Plot size: <u>5'</u> _____)						
1. <u>Festuca rubra</u>	95	<input checked="" type="checkbox"/> 100.0%	FACU			
2. _____	0	<input type="checkbox"/> 0.0%	_____			
3. _____	0	<input type="checkbox"/> 0.0%	_____			
4. _____	0	<input type="checkbox"/> 0.0%	_____			
5. _____	0	<input type="checkbox"/> 0.0%	_____			
6. _____	0	<input type="checkbox"/> 0.0%	_____			
7. _____	0	<input type="checkbox"/> 0.0%	_____			
8. _____	0	<input type="checkbox"/> 0.0%	_____			
9. _____	0	<input type="checkbox"/> 0.0%	_____			
10. _____	0	<input type="checkbox"/> 0.0%	_____			
11. _____	0	<input type="checkbox"/> 0.0%	_____			
12. _____	0	<input type="checkbox"/> 0.0%	_____			
50% of Total Cover: <u>47.5</u>	20% of Total Cover: <u>19</u>	95	= Total Cover			
Woody Vine Stratum (Plot size: _____)						
1. _____	0	<input type="checkbox"/> 0.0%	_____			
2. _____	0	<input type="checkbox"/> 0.0%	_____			
3. _____	0	<input type="checkbox"/> 0.0%	_____			
4. _____	0	<input type="checkbox"/> 0.0%	_____			
5. _____	0	<input type="checkbox"/> 0.0%	_____			
50% of Total Cover: <u>0</u>	20% of Total Cover: <u>0</u>	0	= Total Cover			

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of dominant Species That Are OBL, FACW, or FAC: 0.0% (A/B)

Prevalence Index worksheet:

Total % Cover of: _____ Multiply by: _____

OBL species 0 x 1 = 0

FACW species 0 x 2 = 0

FAC species 0 x 3 = 0

FACU species 95 x 4 = 380

UPL species 0 x 5 = 0

Column Total s: 95 (A) 380 (B)

Prevalence Index = B/A = 4.000

Hydrophytic Vegetation Indicators:

☐ 1 - Rapid Test for Hydrophytic Vegetation

☐ 2 - Dominance Test is > 50%

☐ 3 - Prevalence Index is ≤3.0 ¹

☐ Problematic Hydrophytic Vegetation ¹ (Explain)

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

Definition of 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.

Sapling/Shrub - Woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1m) tall.

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 ☐ No ☒

Remarks: (If observed, list morphological adaptations below).
Vegetation does not meet wetland criteria.

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

SOIL

Sampling Point: WD UP

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		
0-12	10YR	3/1	100				Loamy Sand	Particles not coated. Dry soil.

1 Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains

2 Location: PL=Pore Lining. M=Matrix

Hydric Soil Indicators:

☐ Histosol (A1)

☐ Histic Epipedon (A2)

☐ Black Histic (A3)

☐ Hydrogen Sulfide (A4)

☐ Stratified Layers (A5)

☐ Organic Bodies (A6) (LRR P, T, U)

☐ 5 cm Mucky Mineral (A7) (LRR P, T, U)

☐ Muck Presence (A8) (LRR U)

☐ 1 cm Muck (A9) (LRR P, T)

☐ Depleted Below Dark Surface (A11)

☐ Thick Dark Surface (A12)

☐ Coast Prairie Redox (A16) (MLRA 150A)

☐ Sandy Muck Mineral (S1) (LRR O, S)

☐ Sandy Gleyed Matrix (S4)

☐ Sandy Redox (S5)

☐ Stripped Matrix (S6)

☐ Dark Surface (S7) (LRR P, S, T, U)

☐ Polyvalue Below Surface (S8) (LRR S, T, U)

☐ Thin Dark Surface (S9) (LRR S, T, U)

☐ Loamy Mucky Mineral (F1) (LRR O)

☐ Loamy Gleyed Matrix (F2)

☐ Depleted Matrix (F3)

☐ Redox Dark Surface (F6)

☐ Depleted Dark Surface (F7)

☐ Redox Depressions (F8)

☐ Marl (F10) (LRR U)

☐ Depleted Ochric (F11) (MLRA 151)

☐ Iron-Manganese Masses (F12) (LRR O, P, T)

☐ Umbric Surface (F13) (LRR P, T, U)

☐ Delta Ochric (F17) (MLRA 151)

☐ Reduced Vertic (F18) (MLRA 150A, 150B)

☐ Piedmont Floodplain Soils (F19) (MLRA 149A)

☐ Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D)

Indicators for Problematic Hydric Soils³:

☐ 1 cm Muck (A9) (LRR O)

☐ 2 cm Muck (A10) (LRR S)

☐ Reduced Vertic (F18) (outside MLRA 150A,B)

☐ Piedmont Floodplain Soils (F19) (LRR P, S, T)

☐ Anomalous Bright Loamy Soils (F20) (MLRA 153B)

☐ Red Parent Material (TF2)

☐ Very Shallow Dark Surface (TF12)

☐ Other (Explain in Remarks)

3

Indicators 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:

Soil does not meet hydric criteria.

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Soil Map Unit Name: JT - Johnston soils **NWI classification:** PFO1

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☐ No ☒ (If no, explain in Remarks.)
Are Vegetation ☐ **, Soil** ☐ **, or Hydrology** ☐ **significantly disturbed?** **Are "Normal Circumstances" present?** Yes ☒ No ☐
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 <input checked="" type="radio"/> No <input type="radio"/> Hydric Soil Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Wetland Hydrology Present? Yes <input checked="" type="radio"/> No <input type="radio"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="radio"/> No <input type="radio"/>
Remarks: Sample point within wetland.	

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) <input checked="" type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Aquatic Fauna (B13) <input checked="" type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Marl Deposits (B15) (LRR U) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Water-Stained Leaves (B9)		Secondary Indicators (minimum of 2 required) <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input checked="" type="checkbox"/> FAC-Neutral Test (D5) <input type="checkbox"/> Sphagnum moss (D8) (LRR T, U)
Field Observations: Surface Water Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): 2 Water Table Present? Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): 0 Saturation Present? (includes capillary fringe) Yes <input checked="" type="radio"/> No <input type="radio"/> Depth (inches): 0	Wetland Hydrology Present? Yes <input checked="" type="radio"/> No <input type="radio"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: Hydrology meets wetland criteria.		

VEGETATION (Five/Four Strata) - Use scientific names of plants.

Tree Stratum (Plot size: _____)					Dominant Species?	Indicator Status	Sampling Point: <u>WD WET</u>	
	Absolute % Cover	Rel.Strat. Cover					Dominance Test worksheet:	
1. _____	0	<input type="checkbox"/> 0.0%				Number of Dominant Species That are OBL, FACW, or FAC: <u>2</u> (A)		
2. _____	0	<input type="checkbox"/> 0.0%				Total Number of Dominant Species Across All Strata: <u>2</u> (B)		
3. _____	0	<input type="checkbox"/> 0.0%				Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)		
4. _____	0	<input type="checkbox"/> 0.0%				Prevalence Index worksheet: <div style="display: flex; justify-content: space-between;"> Total % Cover of: _____ Multiply by: _____ </div> <div style="display: flex; justify-content: space-between;"> <div> OBL species <u>60</u> FACW species <u>0</u> FAC species <u>0</u> FACU species <u>0</u> UPL species <u>0</u> Column Total s: <u>60</u> (A) </div> <div> x 1 = <u>60</u> x 2 = <u>0</u> x 3 = <u>0</u> x 4 = <u>0</u> x 5 = <u>0</u> (B) <u>60</u> </div> </div> <div style="text-align: center; margin-top: 5px;"> Prevalence Index = B/A = <u>1.000</u> </div>		
5. _____	0	<input type="checkbox"/> 0.0%						
6. _____	0	<input type="checkbox"/> 0.0%						
7. _____	0	<input type="checkbox"/> 0.0%						
8. _____	0	<input type="checkbox"/> 0.0%				Hydrophytic Vegetation Indicators: <div style="margin-top: 5px;"> <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is > 50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation¹ (Explain) </div> <div style="margin-top: 5px;"> ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. </div>		
50% of Total Cover: <u>0</u> 20% of Total Cover: <u>0</u> = Total Cover								
Sapling or Sapling/Shrub Stratum (Plot size: _____)								
1. _____	0	<input type="checkbox"/> 0.0%						
2. _____	0	<input type="checkbox"/> 0.0%				Definition of 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. Sapling/Shrub - Woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1m) tall. 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.		
3. _____	0	<input type="checkbox"/> 0.0%						
4. _____	0	<input type="checkbox"/> 0.0%						
5. _____	0	<input type="checkbox"/> 0.0%						
6. _____	0	<input type="checkbox"/> 0.0%				<div style="margin-top: 20px;"> Hydrophytic Vegetation Present? Yes <input checked="" type="radio"/> No <input type="radio"/> </div>		
7. _____	0	<input type="checkbox"/> 0.0%						
8. _____	0	<input type="checkbox"/> 0.0%						
50% of Total Cover: <u>0</u> 20% of Total Cover: <u>0</u> = Total Cover								
Shrub Stratum (Plot size: _____)								
1. _____	0	<input type="checkbox"/> 0.0%						
2. _____	0	<input type="checkbox"/> 0.0%						
3. _____	0	<input type="checkbox"/> 0.0%						
4. _____	0	<input type="checkbox"/> 0.0%						
5. _____	0	<input type="checkbox"/> 0.0%						
6. _____	0	<input type="checkbox"/> 0.0%						
50% of Total Cover: <u>0</u> 20% of Total Cover: <u>0</u> = Total Cover								
Herb Stratum (Plot size: <u>5'</u> _____)								
1. <i>Saururus cernuus</i>	35	<input checked="" type="checkbox"/> 58.3%	OBL					
2. <i>Peltandra virginica</i>	25	<input checked="" type="checkbox"/> 41.7%	OBL					
3. _____	0	<input type="checkbox"/> 0.0%						
4. _____	0	<input type="checkbox"/> 0.0%						
5. _____	0	<input type="checkbox"/> 0.0%						
6. _____	0	<input type="checkbox"/> 0.0%						
50% of Total Cover: <u>30</u> 20% of Total Cover: <u>12</u> = Total Cover								
Woody Vine Stratum (Plot size: _____)								
1. _____	0	<input type="checkbox"/> 0.0%						
2. _____	0	<input type="checkbox"/> 0.0%						
3. _____	0	<input type="checkbox"/> 0.0%						
4. _____	0	<input type="checkbox"/> 0.0%						
5. _____	0	<input type="checkbox"/> 0.0%						
50% of Total Cover: <u>0</u> 20% of Total Cover: <u>0</u> = Total Cover								

Remarks: (If observed, list morphological adaptations below).
Vegetation meets wetland criteria.

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

SOIL

Sampling Point: WD WET

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

[illegible]

¹Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated 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)
- ☐ Organic Bodies (A6) (LRR P, T, U)
- ☐ 5 cm Mucky Mineral (A7) (LRR P, T, U)
- ☐ Muck Presence (A8) (LRR U)
- ☐ 1 cm Muck (A9) (LRR P, T)
- ☐ Depleted Below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Coast Prairie Redox (A16) (MLRA 150A)
- ☐ Sandy Muck Mineral (S1) (LRR O, S)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Dark Surface (S7) (LRR P, S, T, U)

- ☐ Polyvalue Below Surface (S8) (LRR S, T, U)
- ☐ Thin Dark Surface (S9) (LRR S, T, U)
- ☐ Loamy Mucky Mineral (F1) (LRR O)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☒ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)
- ☐ Marl (F10) (LRR U)
- ☐ Depleted Ochric (F11) (MLRA 151)
- ☐ Iron-Manganese Masses (F12) (LRR O, P, T)
- ☐ Umbric Surface (F13) (LRR P, T, U)
- ☐ Delta Ochric (F17) (MLRA 151)
- ☐ Reduced Vertic (F18) (MLRA 150A, 150B)
- ☐ Piedmont Floodplain Soils (F19) (MLRA 149A)
- ☐ Anomalous Bright Loamy Soils (F20) (MLRA 150C)

Indicators for Problematic Hydric Soils³:

- ☐ 1 cm Muck (A9) (LRR O)
- ☐ 2 cm Muck (A10) (LRR S)
- ☐ Reduced Vertic (F18) (outside MLRA 150A,B)
- ☐ Piedmont Floodplain Soils (F19) (LRR P, S, T)
- ☐ Anomalous Bright Loamy Soils (F20) (MLRA 153B)
- ☐ Red Parent Material (TF2)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ 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:

Soil meets hydric criteria.