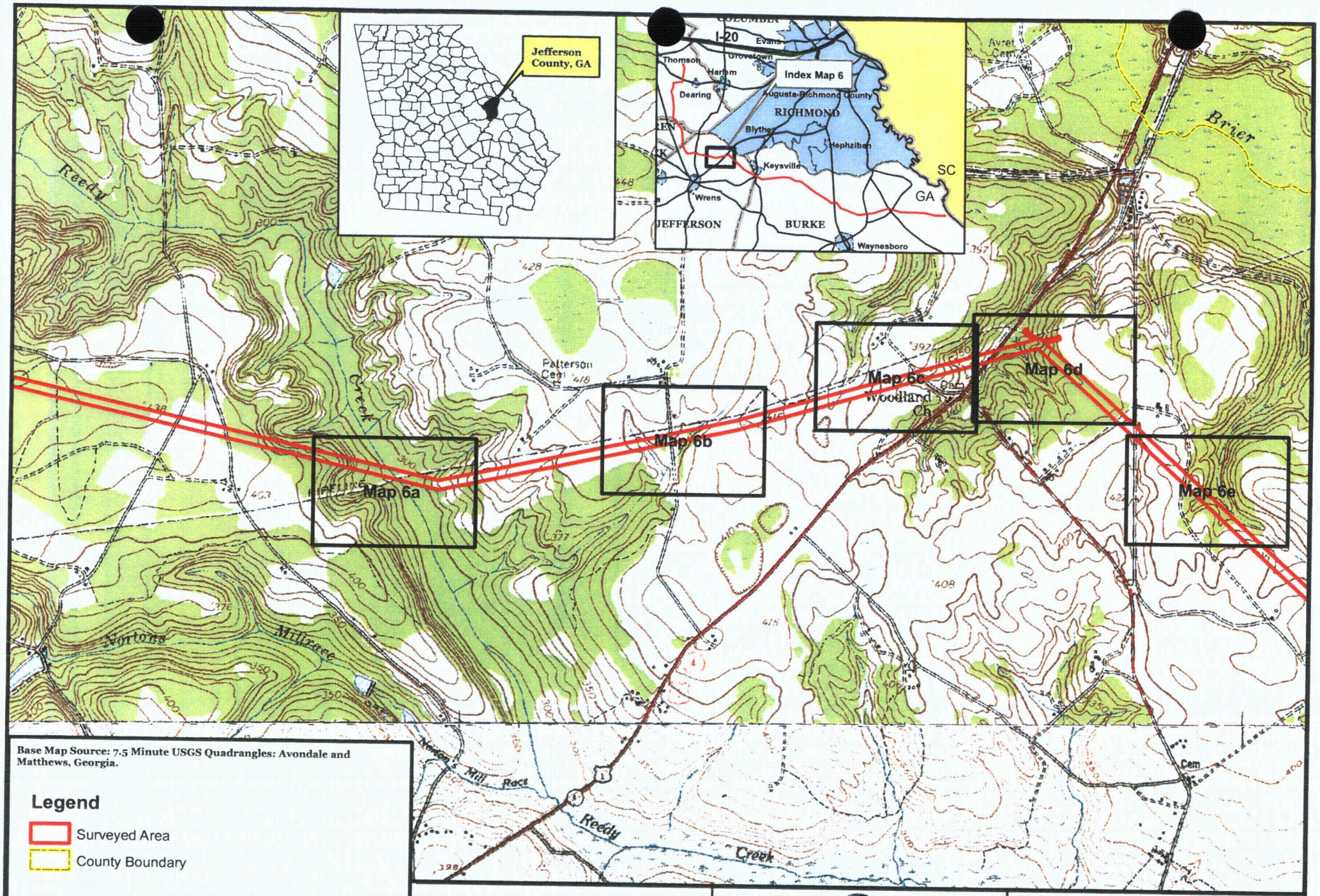


Base Map Source: 7.5 Minute USGS Quadrangles: Avondale and Matthews, Georgia.

Legend

- Surveyed Area
- County Boundary

0 500 1,000 2,000 3,000 4,000 Feet

1 inch = 2,000 feet

1:24,000

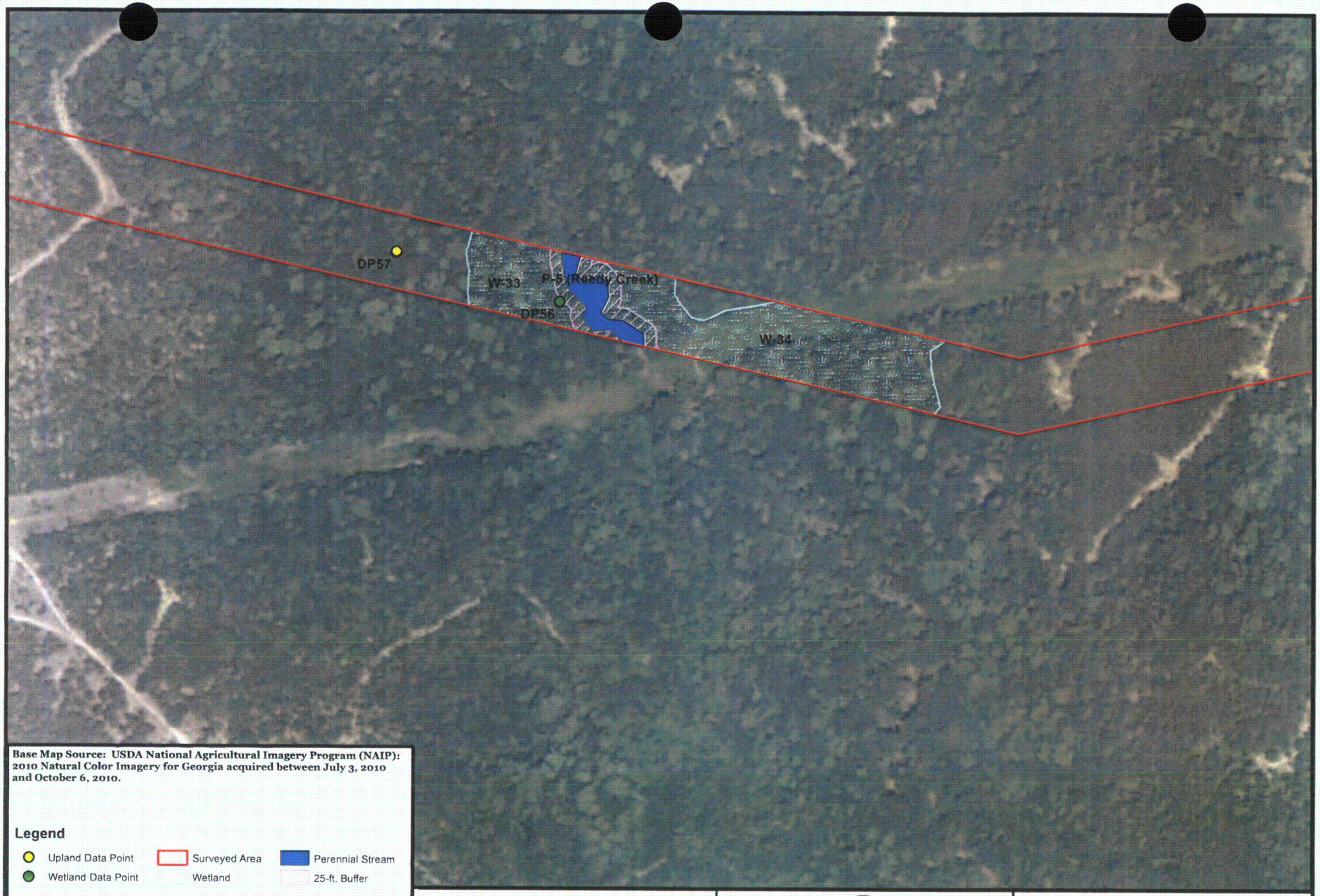
N

Georgia Power
Thomson-Vogtle 500kV
Transmission Line
Jefferson County, Georgia

WETLAND & ECOLOGICAL CONSULTANTS, LLC
Woodstock, Georgia

Index Map 6

WEC Project No. 02-050508



Base Map Source: USDA National Agricultural Imagery Program (NAIP): 2010 Natural Color Imagery for Georgia acquired between July 3, 2010 and October 6, 2010.

Legend

- Upland Data Point
- Wetland Data Point
- Surveyed Area
- Wetland
- Perennial Stream
- 25-ft. Buffer

0 50 100 200 300 400 Feet

1 inch = 250 feet

1:3,000

N

Georgia Power
Thomson-Vogtle 500kV
Transmission Line
Jefferson County, Georgia

WETLAND & ECOLOGICAL CONSULTANTS, LLC
Woodstock, Georgia

Features Map 6a
WEC Project No. 02-050508

Wetland Feature Datasheet

Feature No.: W-33	**Map No.:** 6a	**Feature ID.:** 04wet070	**Type:** Forested
Date Surveyed: 5/24/2011 & 3/08/2012	**County:** Jefferson	**Watershed:** Brier	
8-Digit HUC[1]: 03060108		**12-Digit HUC:** 030601080204	
Total Acreage: 13.03		**Forested Acreage:** 9.99	
Existing ROW Acreage[2]: 3.04		**Emergent or Shrub/Scrub Acreage:** 0	
Dominant Vegetation: *Nyssa sylvatica, Liquidambar styraciflua, Leucothoe axillaris, Ilex opaca, Saururus cernus, Peltandra virginicus, Smilax bona-nox, Decumaria barbara*			
Comments:			

[1] HUC – U.S. Geological Survey Hydrologic Unit Code
[2] ROW – Right-of-way

Print Form

WETLAND DETERMINATION DATA FORM – Atlantic and Gulf Coastal Plain Region

Project/Site: Thomson-Vogtle Transmission Line City/County: Jefferson County Sampling Date: 5/24/2011

Applicant/Owner: Georgia Power Company State: GA Sampling Point: DP56 (W-33)

Investigator(s): MWO and SEC Section, Township, Range: _____

Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____

Subregion (LRR or MLRA): LRR P Lat: _____ Long: _____ Datum: _____

Soil Map Unit Name: _____ NWI classification: _____

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 ☒	No ☐	**Is the Sampled Area within a Wetland?** Yes ☒ No ☐
Hydric Soil Present?	Yes ☒	No ☐	
Wetland Hydrology Present?	Yes ☒	No ☐	

Remarks:

04wet07O

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)
- ☐ Marl Deposits (B15) **(LRR U)**
- ☐ 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)
- ☐ Geomorphic Position (D2)
- ☐ Shallow Aquitard (D3)
- ☒ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ☐	No ☒	Depth (inches): _____
Water Table Present?	Yes ☒	No ☐	Depth (inches): 8
Saturation Present? (includes capillary fringe)	Yes ☒	No ☐	Depth (inches): 0

Wetland Hydrology Present? Yes ☒ No ☐

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION – Use scientific names of plants.

Sampling Point: DP56

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status
1. Ilex opaca	20	☒	FAC
2. Nyssa sylvatica	40	☒	FAC
3. Liquidambar styraciflua	20	☒	FAC
4.		☐	
5.		☐	
6.		☐	
7.		☐	
	80	= Total Cover	

Sapling Stratum (Plot size: _____)			
1. Acer rubrum	20	☒	FAC
2. Nyssa sylvatica	15	☒	FAC
3. Ilex opaca	10	☒	FAC
4.		☐	
5.		☐	
6.		☐	
7.		☐	
	45	= Total Cover	

Shrub Stratum (Plot size: _____)			
1. Leucothoe axillaris	20	☒	FACW
2.		☐	
3.		☐	
4.		☐	
5.		☐	
6.		☐	
7.		☐	
	20	= Total Cover	

Herb Stratum (Plot size: _____)			
1. Saururus cernuus	30	☒	OBL
2. Peltandra virginicus	15	☒	OBL
3. Athyrium filix-femina	10	☐	FAC
4. Carex sp.	5	☐	N/A
5. Woodwardia areolata	10	☐	OBL
6. Osmunda regalis	10	☐	OBL
7.		☐	
8.		☐	
9.		☐	
10.		☐	
11.		☐	
12.		☐	
	80	= Total Cover	

Woody Vine Stratum (Plot size: _____)			
1. Smilax bona-nox	10	☒	FAC
2. Decumaria barbara	10	☒	FACW
3.		☐	
4.		☐	
5.		☐	
	20	= Total Cover	

Dominance Test worksheet:

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

Total Number of Dominant Species Across All Strata: 11 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:
OBL species		x 1 =
FACW species		x 2 =
FAC species		x 3 =
FACU species		x 4 =
UPL species		x 5 =
Column Totals:	(A)	(B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

☒ Dominance Test is >50%

☐ 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.

Definitions 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.

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. Includes 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).
Species with "N/A" indicator status were not used in the dominance calculation.

SOIL

Sampling Point: DP56

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

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks
0 - 4	10YR3/2	100					S. Loam	Sandy Loam
4 - 7	10YR3/1	98	7.5YR4/6	2	C	PL	Sand	
7 - 11	7.5YR6/1	90	7.5YR4/6	10	C	PL	Sand	
11 - 14	7.5YR2.5/1	98	7.5YR4/6	2	C	PL	Muck	Mucky mineral

[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 Mucky 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 Soils[3]:

- ☐ 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) **(LRR T, U)**
- ☐ 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:

Print Form

WETLAND DETERMINATION DATA FORM – Atlantic and Gulf Coastal Plain Region

Project/Site: Thomson-Vogtle Transmission Line City/County: Jefferson County Sampling Date: 5/24/2011

Applicant/Owner: Georgia Power Company State: GA Sampling Point: DP57 (W-33)

Investigator(s): MWO and SEC Section, Township, Range: _____

Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____

Subregion (LRR or MLRA): LRR P Lat: _____ Long: _____ Datum: _____

Soil Map Unit Name: _____ NWI classification: _____

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 ☒	No ☐	**Is the Sampled Area within a Wetland?** Yes ☐ No ☒
Hydric Soil Present?	Yes ☐	No ☒	
Wetland Hydrology Present?	Yes ☐	No ☒	

Remarks:

upland from 04wet07O

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)
- ☐ Marl Deposits (B15) **(LRR U)**
- ☐ 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)
- ☐ Geomorphic Position (D2)
- ☐ Shallow Aquitard (D3)
- ☐ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ☐	No ☒	Depth (inches): _____
Water Table Present?	Yes ☐	No ☒	Depth (inches): _____
Saturation Present? (includes capillary fringe)	Yes ☐	No ☒	Depth (inches): _____

Wetland Hydrology Present? Yes ☐ No ☒

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Hydrologic indicators not present.

VEGETATION – Use scientific names of plants.

Sampling Point: DP57

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status
1. Quercus nigra	45	☒	FAC
2. Quercus alba	20	☒	FACU
3. Liquidambar styraciflua	20	☒	FAC
4.		☐	
5.		☐	
6.		☐	
7.		☐	
	85 = Total Cover		

Sapling Stratum (Plot size: _____)			
1. Quercus nigra	40	☒	FAC
2. Magnolia virginiana	10	☐	FACW
3. Ilex opaca	10	☐	FAC
4.		☐	
5.		☐	
6.		☐	
7.		☐	
	60 = Total Cover		

Shrub Stratum (Plot size: _____)			
1.		☐	
2.		☐	
3.		☐	
4.		☐	
5.		☐	
6.		☐	
7.		☐	
	= Total Cover		

Herb Stratum (Plot size: _____)			
1.		☐	
2.		☐	
3.		☐	
4.		☐	
5.		☐	
6.		☐	
7.		☐	
8.		☐	
9.		☐	
10.		☐	
11.		☐	
12.		☐	
	= Total Cover		

Woody Vine Stratum (Plot size: _____)			
1. Vitis rotundifolia	30	☒	FAC
2. Smilax rotundifolia	10	☒	FAC
3.		☐	
4.		☐	
5.		☐	
	40 = Total Cover		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 5 (A)

Total Number of Dominant Species Across All Strata: 6 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 83% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:
OBL species		x 1 =
FACW species		x 2 =
FAC species		x 3 =
FACU species		x 4 =
UPL species		x 5 =
Column Totals:	(A)	(B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

☒ Dominance Test is >50%

☐ 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.

Definitions 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.

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. Includes 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).

SOIL

Sampling Point: DP57

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

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks
0 - 7	10YR4/2	100					Sand	
7-14	10YR5/3	100					Sand	

[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 Mucky 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 Soils[3]:

- ☐ 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) **(LRR T, U)**
- ☐ 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:

Hydric soil indicators not present.

Stream Feature Datasheet

Feature No.: P-5	**Map No.:** 6a	**Feature ID.:** 04per01O	**Type:** Perennial
Date Surveyed: 5/24/2011	**County:** Jefferson	**Watershed:** Brier	
8-Digit HUC[1]: 03060108		**12-Digit HUC:** 030601080204	
Acreage: 0.2		**Length:** 255 linear feet	
Substrate: Sand	**Width[2]:** 25-40 linear feet	**Depth[3]:** 1-2 feet	
Comments: Reedy Creek			

[1] HUC – U.S. Geological Survey Hydrologic Unit Code
[2] Width was measured in linear feet from Ordinary High-water Mark (OHWM) to OHWM.
[3] Depth was measured in feet from the OHWM to thalweg.

NCDWQ Stream Identification Data Collected Within the Corridor for the Proposed Thomson-Vogtle 500 kV Transmission Line.

Date: 5/24/2011	Project Site: Thomson-Vogtle	Feature No.: P-5 (Reedy Creek)
Evaluator: MWO	County: Jefferson	Feature ID: 04per01O

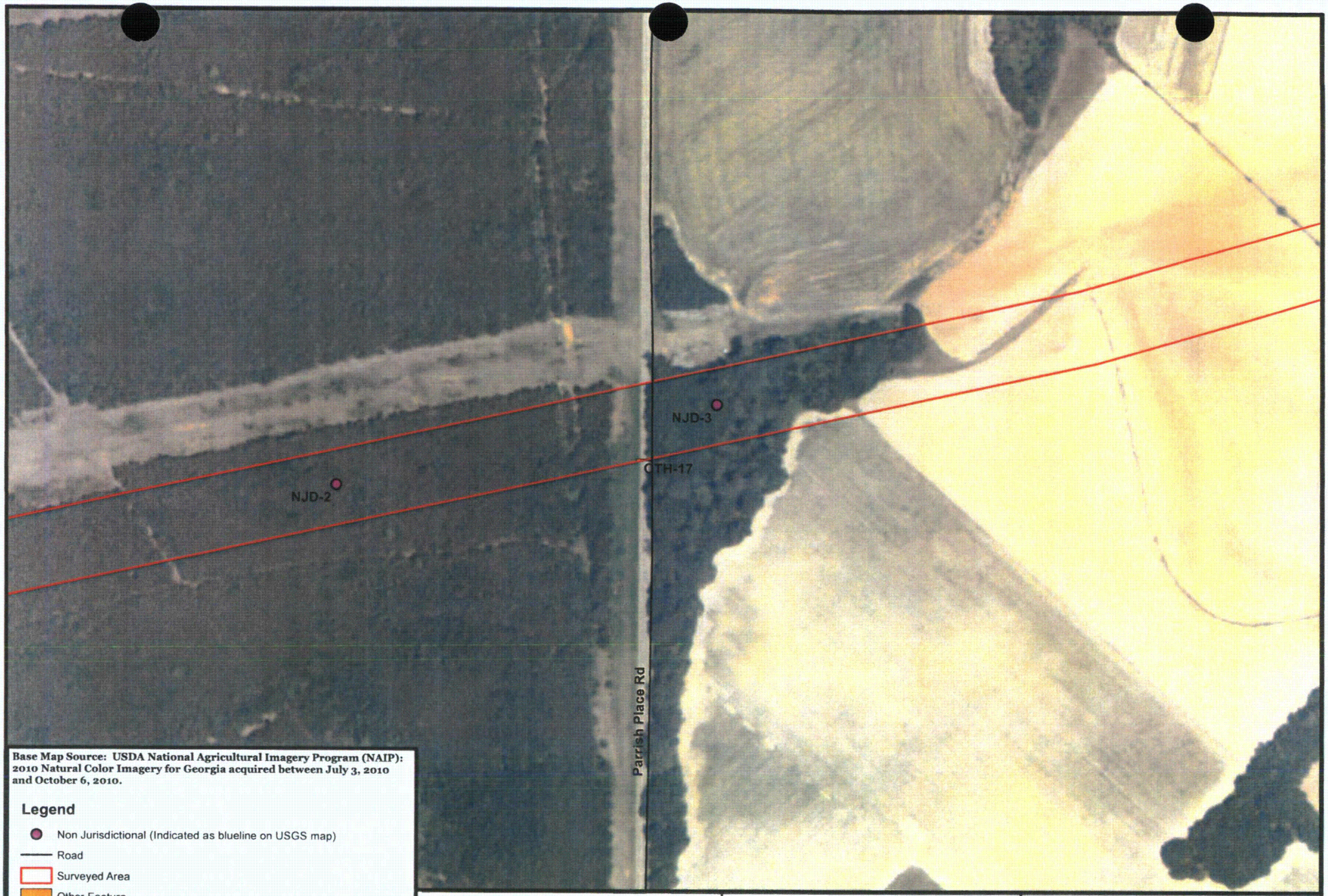
Parameter	Scoring Category	Numerical Score
A. Geomorphology		
1. Continuity of bed and bank	Strong	3
2. Sinuosity of channel along thalweg	Strong	3
3. In-channel structure: ex. riffle/pool sequence	Moderate	2
4. Particle size of stream substrate	Weak	1
5. Active/relict floodplain	Weak	1
6. Depositional bars or benches	Moderate	2
7. Recent alluvial deposits	Moderate	2
8. Headcuts	Absent	0
9. Grade control	Moderate	1
10. Natural valley or drainage way	Moderate	1
11. 2nd order channel on USGS or NRCS map? (Yes =3/No=0)	Yes	3
B. Hydrology		
12. Presence of Baseflow	Strong	3
13. Iron oxidizing bacteria	Absent	0
14. Leaf litter	Absent	1.5
15. Sediment on plants or debris	Weak	0.5
16. Organic debris lines or piles	Moderate	1
17. Soil-based evidence of high water table? (Yes =3/No=0)	Yes	3
C. Biology		
18. Fibrous roots in streambed	Absent	3
19. Rooted upland plants in streambed	Absent	3
20. Macrobenthos	Moderate	2
21. Aquatic mollusks	Absent	0
22. Fish	Absent	0
23. Crayfish	Moderate	1
24. Amphibians	Weak	0.5
25. Algae	Absent	0
26. Wetland plants in streambed (FACW=0.75; OBL=1.5; Other=0)	Other	0
Total Points:		**37.5**
Stream Type:		**Perennial**

Prepared by: MDH; Date: 03/21/2012
Checked by: MWO; Date: 04/07/2012

Wetland Feature Datasheet

Feature No.: W-34	**Map No.:** 6a	**Feature ID.:** 04wet070	**Type:** Forested & Scrub-Shrub
Date Surveyed: 5/24/2011 & 3/08/2012	**County:** Jefferson	**Watershed:** Brier	
8-Digit HUC[1]: 03060108		**12-Digit HUC:** 030601080204	
Total Acreage: 2.14		**Forested Acreage:** 1.52	
Dominant Vegetation: *Nyssa sylvatica, Liquidambar styraciflua, Leucothoe axillaris, Ilex opaca, Saururus cernus, Peltandra virginicus, Smilax bona-nox, Decumaria barbara*			
Comments:			

[1] HUC – U.S. Geological Survey Hydrologic Unit Code



Base Map Source: USDA National Agricultural Imagery Program (NAIP): 2010 Natural Color Imagery for Georgia acquired between July 3, 2010 and October 6, 2010.

Legend

- Non Jurisdictional (Indicated as blueline on USGS map)
- Road
- Surveyed Area
- Other Feature

0 50 100 200 300 400 Feet

1 inch = 250 feet

1:3,000

N

Georgia Power
Thomson-Vogtle 500kV
Transmission Line
Jefferson County, Georgia

WETLAND & ECOLOGICAL CONSULTANTS, LLC
Woodstock, Georgia

Features Map 6b
WEC Project No. 02-050508

Non-Jurisdictional Feature Datasheet

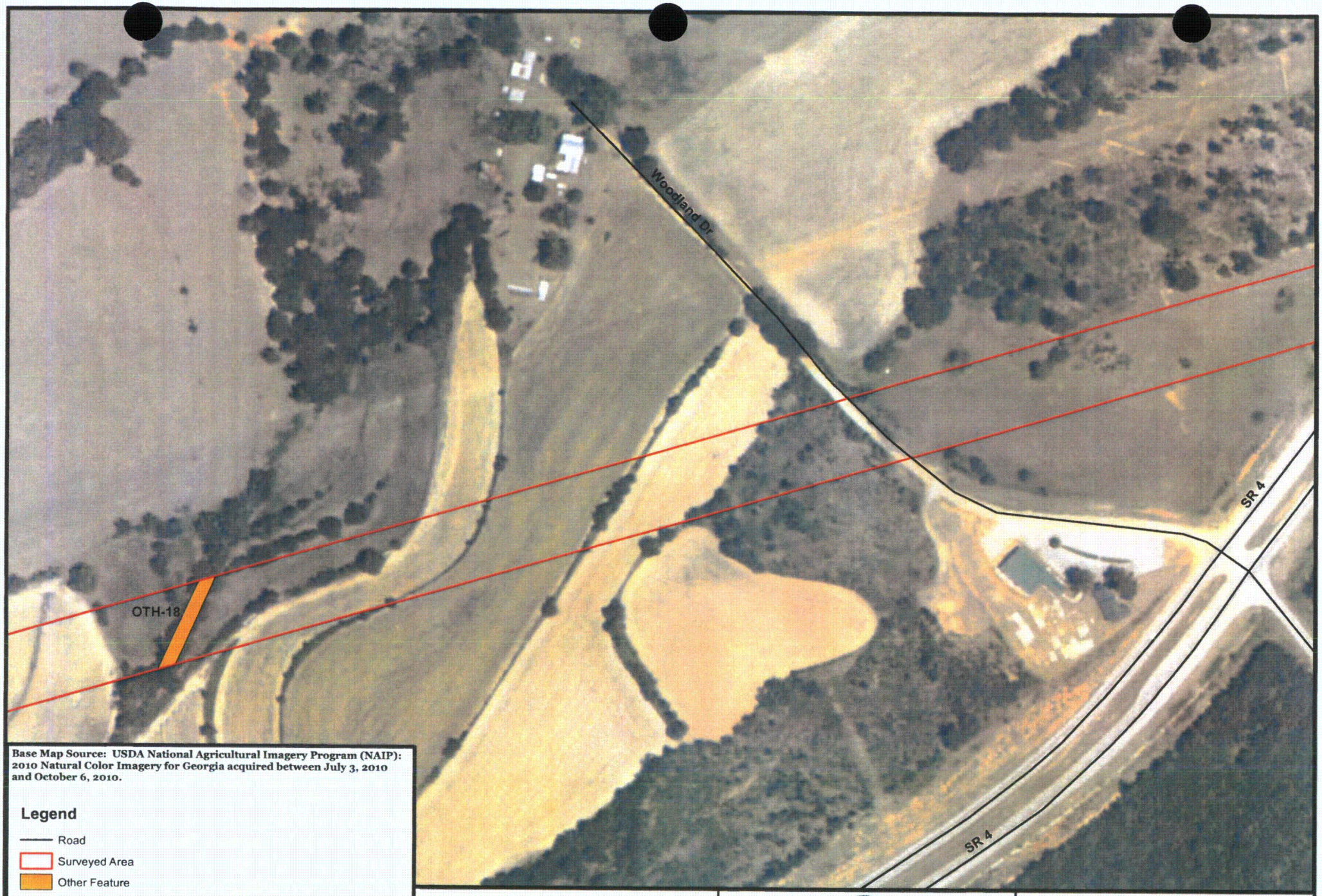
Feature No.: NJD-2	**Map No.:** 6b	**Feature ID.:** NJD-2	**Type:** Non Jurisdictional
Date Surveyed: 05/25/2011	**County:** Jefferson	**Acreage/Length:** NA	
Comments: Non Jurisdictional Feature (indicated as blueline feature on USGS map).			

Non-Jurisdictional Feature Datasheet

Feature No.: OTH-17	**Map No.:** 6b	**Feature ID.:** 040th01O	**Type:** Other feature
Date Surveyed: 5/25/2011	**County:** Jefferson	**Acreage/Length:** 24-inch diameter	
Comments: Concrete culvert			

Non-Jurisdictional Feature Datasheet

Feature No.: NJD-3	**Map No.:** 6b	**Feature ID.:** NJD-3	**Type:** Non Jurisdictional
Date Surveyed: 05/25/2011	**County:** Jefferson	**Acreage/Length:** NA	
Comments: Non Jurisdictional Feature (indicated as blueline feature on USGS map).			



Base Map Source: USDA National Agricultural Imagery Program (NAIP): 2010 Natural Color Imagery for Georgia acquired between July 3, 2010 and October 6, 2010.

Legend

- Road
- Surveyed Area
- Other Feature

0 50 100 200 300 400 Feet

1 inch = 250 feet

1:3,000

N

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Woodstock, Georgia

Features Map 6c
WEC Project No. 02-050508

Non-Jurisdictional Feature Datasheet

Feature No.: Oth-18	**Map No.:** 6c	**Feature ID.:** 04wwd030	**Type:** Wet-weather drainage
Date Surveyed: 5/25/2011	**County:** Jefferson	**Acreage/Length:** 195 linear feet	
Comments: Man-made ditch			

Base Map Source: USDA National Agricultural Imagery Program (NAIP): 2010 Natural Color Imagery for Georgia acquired between July 3, 2010 and October 6, 2010.

Legend

- Road
- Non Jurisdictional (Indicated as blueline on USGS map)
- Surveyed Area
- Other Feature

0 50 100 200 300 400 Feet

1 inch = 250 feet

1:3,000

N

Georgia Power
Thomson-Vogtle 500kV
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Jefferson County, Georgia

WETLAND & ECOLOGICAL CONSULTANTS, LLC
Woodstock, Georgia

Features Map 6d
WEC Project No. 02-050508

Non-Jurisdictional Feature Datasheet

Feature No.: OTH-19	**Map No.:** 6d	**Feature ID.:** 040th020	**Type:** Other feature
Date Surveyed: 5/25/2011	**County:** Jefferson	**Acreage/Length:** 6.00-ft. wide	
Comments: Concrete box culverts (2)			

Non-Jurisdictional Feature Datasheet

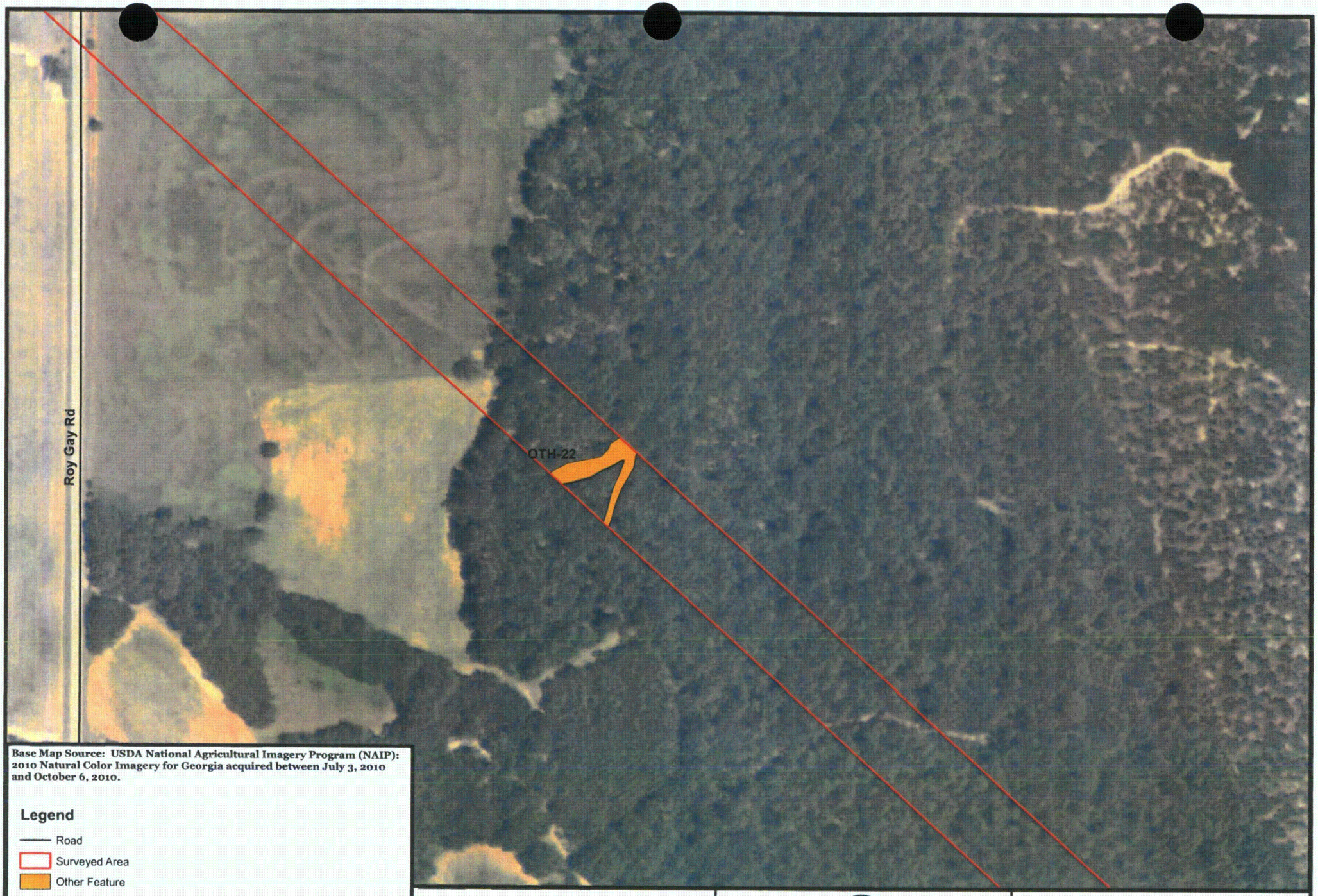
Feature No.: OTH-20	**Map No.:** 6d	**Feature ID.:** 04wwd04O	**Type:** Wet-weather drainage
Date Surveyed: 5/25/2011	**County:** Jefferson	**Acreage/Length:** 255 linear feet	
Comments: Roadside ditch			

Non-Jurisdictional Feature Datasheet

Feature No.: OTH-21	**Map No.:** 6d	**Feature ID.:** 04wwd050	**Type:** Wet-weather drainage
Date Surveyed: 5/25/2011	**County:** Jefferson	**Acreage/Length:** 260 linear-feet	
Comments: Roadside ditch			

Non-Jurisdictional Feature Datasheet

Feature No.: NJD-4		**Feature ID.:** NJD-4	**Type:** Non Jurisdictional
Date Surveyed: 05/25/2011	**County:** Jefferson	**Acreage/Length:** NA	
Comments: Non Jurisdictional Feature (indicated as blueline feature on USGS map).			



Base Map Source: USDA National Agricultural Imagery Program (NAIP): 2010 Natural Color Imagery for Georgia acquired between July 3, 2010 and October 6, 2010.

Legend

- Road
- Surveyed Area
- Other Feature

0 50 100 200 300 400 Feet

1 inch = 250 feet

1:3,000

N

Georgia Power
Thomson-Vogtle 500kV
Transmission Line
Jefferson County, Georgia

WETLAND & ECOLOGICAL CONSULTANTS, LLC
Woodstock, Georgia

Features Map 6e
WEC Project No. 02-050508

Non-Jurisdictional Feature Datasheet

Feature No.: OTH-22	**Map No.:** 6e	**Feature ID.:** 050th01N	**Type:** Other Feature
Date Surveyed: 8/29/2011	**County:** Jefferson	**Acreage/Length:** 0.2 acre	
Comments: Erosional feature/non-jurisdictional wet weather feature			