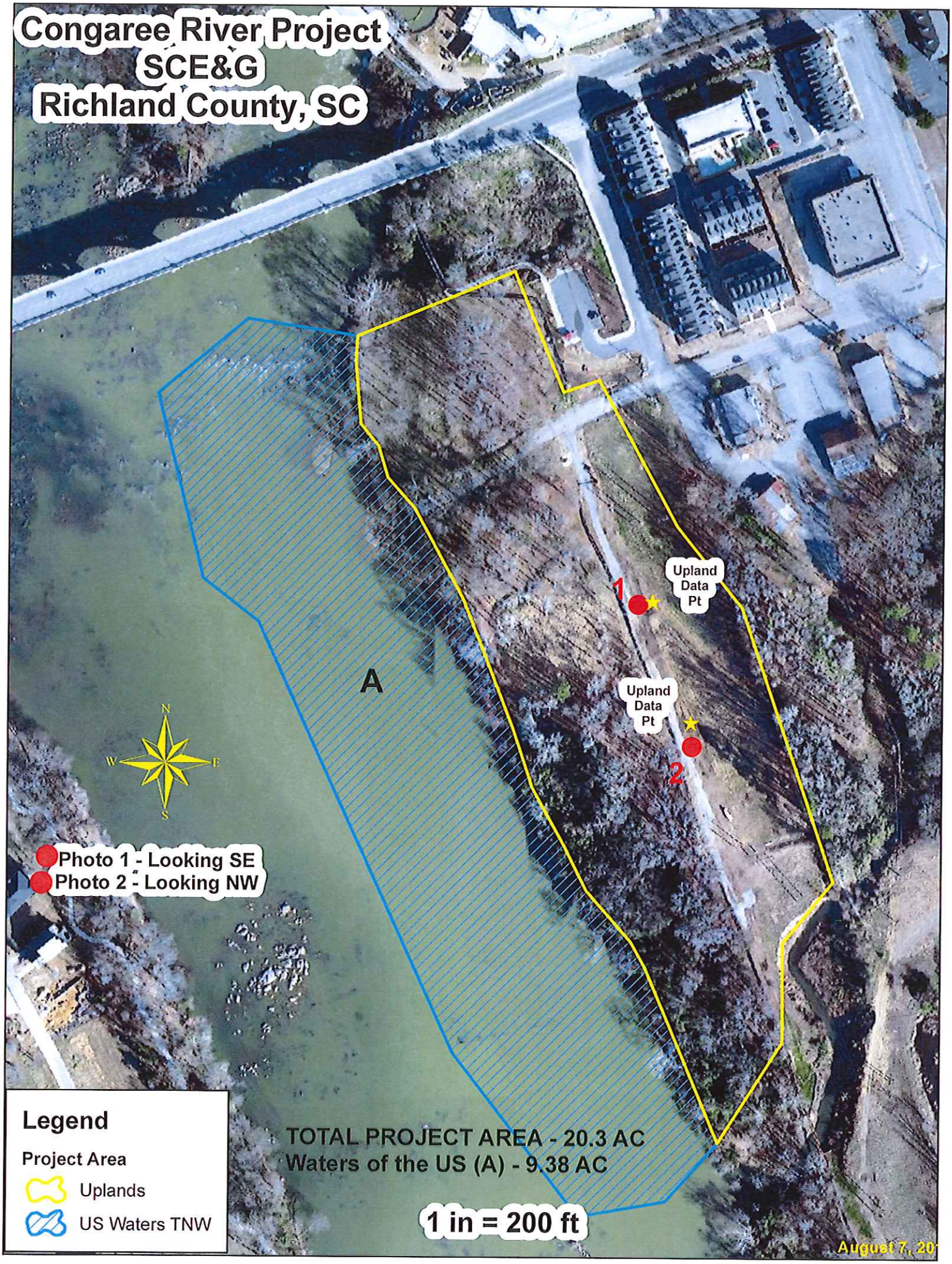
**ATTACHMENT D**

**WETLAND AND STREAM DELINEATION REPORT**


Congaree River Project
SCE&G
Richland County, SC
Upland Data Pt
1
Upland Data Pt
2
A
N
W
E
S
Photo 1 - Looking SE
Photo 2 - Looking NW
Legend
Project Area
Uplands
US Waters TNW
TOTAL PROJECT AREA - 20.3 AC
Waters of the US (A) - 9.38 AC
1 in = 200 ft
August 7, 20

## WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site: Congaree River Project City/County: Richland Sampling Date: 8/1/13
Applicant/Owner: SCE&G State: SC Sampling Point: Upland 1
Investigator(s): Stutts, Gaddy Section, Township, Range:
Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): concave Slope (%): <5
Subregion (LRR or MLRA): 137 Lat: 33.99422 Long: -81.04747 Datum:
Soil Map Unit Name: Toccoa 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:
Data point taken in depressional area. Drainage is impeded by a berm/sewer line.

### 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? | 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:

**VEGETATION (Five Strata) – Use scientific names of plants.** Sampling Point: Upland 1

| Tree Stratum (Plot size: ) | Absolute % Cover | Dominant Species? | Indicator Status |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| 6. | | | |
| | = Total Cover | | |

50% of total cover: _____ 20% of total cover: _____

| Sapling Stratum (Plot size: ) | | | |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| 6. | | | |
| | = Total Cover | | |

50% of total cover: _____ 20% of total cover: _____

| Shrub Stratum (Plot size: ) | | | |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| 6. | | | |
| | = Total Cover | | |

50% of total cover: _____ 20% of total cover: _____

| Herb Stratum (Plot size: 15' x 15 ) | | | |
|---|---|---|---|
| 1. Carex sp. | 15 | yes | facw |
| 2. Carex scoparia | 10 | | facw |
| 3. Juncus effusus | 15 | yes | obl |
| 4. Ranunculus sardous | 15 | yes | fac |
| 5. Raninculuc pusillus | 10 | | facw |
| 6. Rumex crispus | 5 | | fac |
| 7. Sambucuc canadensis | 10 | | facw |
| 8. Verena brasiliensis | 10 | | fac |
| 9. lamium amplexicaule | 10 | | NL |
| 10. | | | |
| 11. | | | |
| | 100 = Total Cover | | |

50% of total cover: 50 20% of total cover: 20

| Woody Vine Stratum (Plot size: ) | | | |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| | = Total Cover | | |

50% of total cover: _____ 20% of total cover: _____

**Dominance Test worksheet:**

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

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

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

**Prevalence Index worksheet:**

| Total % Cover of: | | Multiply by: | |
|---|---|---|---|
| OBL species | 15 | x 1 = | 15 |
| FACW species | 45 | x 2 = | 90 |
| FAC species | 30 | x 3 = | 90 |
| FACU species | | x 4 = | |
| UPL species | | x 5 = | |
| Column Totals: | 90 (A) | | 205 (B) |

Prevalence Index = B/A = 2.28

**Hydrophytic Vegetation Indicators:**

- ☐ 1 - Rapid Test for Hydrophytic Vegetation
- ☑ 2 - Dominance Test is >50%
- ☑ 3 - Prevalence Index is ≤3.0[1]
- ☐ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ☐ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators 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 ☑ No ☐

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

**SOIL**

Sampling Point: Upland 1

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

| Depth (inches) | Matrix Color (moist) | % | Redox Features Color (moist) | % | Type[1] | Loc[2] | Texture | Remarks |
|---|---|---|---|---|---|---|---|---|
| 0-7 | 10yr 4/1 | 20 | | | | | loamy | |
| | 10yr 4/6 | 80 | | | | | | |
| 7-20 | 10yr 3/6 | 50 | | | | | sandy loa | |
| | 10yr 5/4 | 40 | | | | | | |
| | 10yr 4/1 | 10 | | | | | | |
| 20-30 | 10yr 3/6 | 60 | | | | | | concretions 10yr 1/1 1% @ 24" |
| | 10yr 5/4 | 40 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked 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)
- ☐ 2 cm Muck (A10) **(LRR N)**
- ☐ Depleted Below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1) **(LRR N, MLRA 147, 148)**
- ☐ 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 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 136, 122)**
- ☐ Piedmont Floodplain Soils (F19) **(MLRA 148)**
- ☐ Red Parent Material (F21) **(MLRA 127, 147)**

**Indicators for Problematic Hydric Soils[3]:**

- ☐ 2 cm Muck (A10) **(MLRA 147)**
- ☐ Coast Prairie Redox (A16) **(MLRA 147, 148)**
- ☐ Piedmont Floodplain Soils (F19) **(MLRA 136, 147)**
- ☐ 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:

## WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site: Congaree River Project City/County: Richland Sampling Date: 8/1/13
Applicant/Owner: SCE&G State: SC Sampling Point: Upland 2
Investigator(s): Stutts, Gaddy Section, Township, Range:
Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): concave Slope (%): <5
Subregion (LRR or MLRA): 137 Lat: 33.99409 Long: -81.04736 Datum:
Soil Map Unit Name: Toccoa 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:
Data point taken in depressional area.

### 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? | 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:

**VEGETATION (Five Strata) – Use scientific names of plants.** Sampling Point: Upland 2

| Tree Stratum (Plot size: ) | Absolute % Cover | Dominant Species? | Indicator Status |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| 6. | | | |
| | = Total Cover | | |

50% of total cover: _____ 20% of total cover: _____

| Sapling Stratum (Plot size: ) | | | |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| 6. | | | |
| | = Total Cover | | |

50% of total cover: _____ 20% of total cover: _____

| Shrub Stratum (Plot size: ) | | | |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| 6. | | | |
| | = Total Cover | | |

50% of total cover: _____ 20% of total cover: _____

| Herb Stratum (Plot size: 15' x 15 ) | | | |
|---|---|---|---|
| 1. Carex sp. | 10 | | facw |
| 2. Carex scoparia | 15 | yes | facw |
| 3. Vicia sp. | 10 | | facu |
| 4. Ranunculus sardous | 15 | yes | fac |
| 5. Raninculuc pusillus | 10 | | facw |
| 6. Rumex crispus | 10 | | fac |
| 7. Allium | 10 | | facu |
| 8. Verena brasiliensis | 10 | | fac |
| 9. | 10 | | facu |
| 10. | | | |
| 11. | | | |
| | 100 = Total Cover | | |

50% of total cover: 50 20% of total cover: 20

| Woody Vine Stratum (Plot size: ) | | | |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| | = Total Cover | | |

50% of total cover: _____ 20% of total cover: _____

**Dominance Test worksheet:**

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

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

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

**Prevalence Index worksheet:**

| Total % Cover of: | | Multiply by: | |
|---|---|---|---|
| OBL species | | x 1 = | |
| FACW species | 35 | x 2 = | 70 |
| FAC species | 35 | x 3 = | 105 |
| FACU species | 30 | x 4 = | 120 |
| UPL species | | x 5 = | |
| Column Totals: | 100 (A) | | 295 (B) |

Prevalence Index = B/A = 2.95

**Hydrophytic Vegetation Indicators:**

- ☐ 1 - Rapid Test for Hydrophytic Vegetation
- ☑ 2 - Dominance Test is >50%
- ☑ 3 - Prevalence Index is ≤3.0[1]
- ☐ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ☐ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators 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 ☑ No ☐

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

## SOIL

Sampling Point: Upland 2

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

| Depth (inches) | Matrix Color (moist) | % | Redox Features Color (moist) | % | Type[1] | Loc[2] | Texture | Remarks |
|---|---|---|---|---|---|---|---|---|
| 0-3 | 10yr 3/3 | 100 | | | | | loamy | |
| 3-7 | 10yr 4/4 | 80 | | | | | | |
| | 10yr 5/4 | 20 | | | | | sandy loa | |
| 7-24 | 10yr 3/4 | 80 | | | | | sandy loa | |
| | 10yr 5/4 | 20 | | | | | | |
| 24-30 | 10yr 3/3 | 100 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked 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)
- ☐ 2 cm Muck (A10) **(LRR N)**
- ☐ Depleted Below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1) **(LRR N, MLRA 147, 148)**
- ☐ 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 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 136, 122)**
- ☐ Piedmont Floodplain Soils (F19) **(MLRA 148)**
- ☐ Red Parent Material (F21) **(MLRA 127, 147)**

**Indicators for Problematic Hydric Soils[3]:**

- ☐ 2 cm Muck (A10) **(MLRA 147)**
- ☐ Coast Prairie Redox (A16) **(MLRA 147, 148)**
- ☐ Piedmont Floodplain Soils (F19) **(MLRA 136, 147)**
- ☐ 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:

**ATTACHMENT E**

**NAMES AND ADDRESSES OF ADJACENT PROPERTY OWNERS**

**TABLE E-1**
**ADJACENT PROPERTY OWNERS**
**DESC CONGAREE RIVER SITE**
**COLUMBIA, SOTH CAROLINA**

| Parcel Number | Site Address | Owner Name | Owner Address | Owner City | Owner State | Owner Zip |
|---|---|---|---|---|---|---|
| R08909-01-01 | W/S William St | Williams at Blossom LLC | 107 Osborne Bldg USC | Columbia | SC | 29208 |
| R08910-01-01 | Blossom St | Guignard Partnership The | PO Box 50909 | Columbia | SC | 29202 |
| R08910-01-02 | Huger St | Guignard Partnership The | PO Box 50909 | Columbia | SC | 29250 |
| R08910-01-03 | Devine St | University of South Carolina Development Foundation | 1027 Barnwell St | Columbia | SC | 29209 |
| R08910-01-04 | 631 Huger St | Columbia Outdoor Adv Inc | PO Box 6637 | Columbia | SC | 29260 |
| R08910-01-05 | 629 Huger St | University of South Carolina Development Foundation | 1027 Barnwell St | Columbia | SC | 29208 |
| R08910-01-07A | 449 Blossom St | Guignard Partnership | PO Box 50909 | Columbia | SC | 29250 |
| R08910-01-08 | 409 Blossom St | Guignard Partnership | PO Box 50909 | Columbia | SC | 29250 |
| R08911-01-01 | 1105 Gist St | City of Columbia | 1737 Main St | Columbia | SC | 29201 |
| R08911-01-02 | 302 Senate St | Guignard Partnership | PO Box 50909 | Columbia | SC | 29202 |
| R08911-01-03 | 316 Senate St | Guignard Partnership | PO Box 50909 | Columbia | SC | 29202 |
| R08911-01-04 | 320 senate St | Guignard Partnership | PO Box 50909 | Columbia | SC | 29202 |
| R08911-01-05 | 1043 Huger St | Coastal Carolina National Bank | Ste 100 | Myrtle Beach | SC | 29577 |
| R08911-01-06 | 1001 Huger St | Appliance Arts Co Inc LLC | 1001 Huger Street | Columbia | SC | 29201 |
| R08911-01-07 | 412 Pendleton St | Columbia Development Corporations | 911 Lady St Ste C | Columbia | SC | 29201 |
| R08911-01-08 | Pendleton St | Guignard Partnership The | PO BOX 50909 | Columbia | SC | 29250 |
| R08911-01-10 | 903 Huger St | Guignard Partnership The | PO BOX 50909 | Columbia | SC | 29250 |
| R08911-01-11 | 809 Huger St | S C State Credit Union | 800 Huger St | Columbia | SC | 29201 |
| R08911-01-12 | 801 Huger St | SC State Credit Union | P O Box 726 | Columbia | SC | 29202 |
| R08911-01-13 | R/R 903 Huger St | Guignard Partnership | PO Box 50909 | Columbia | SC | 29202 |
| R08911-01-14 | Senate St | Guignard Partnership The | PO Box 50909 | Columbia | SC | 29202 |
| R08911-01-15 | 1025 Huger Street | Grice William C Sr Etal | 10550 Roxburgh Ln | Roswell | GA | 30076 |
| R08911-01-16 | 300 Senate St | Guignard Partnership | PO Box 50909 | Columbia | SC | 29202 |
| R08911-01-17 | Senate St | Guignard Partnership The | PO Box 50909 | Columbia | SC | 29202 |
| R09811-01-09 | 919 Huger St | MBK Receiveables LLC | P C Box 1608 | Columbia | SC | 29202 |
| | | **City Club Homeowners** | | | | |
| R08911-06-01 | 1116 Gist St | Barbara Rainwater Graves Trust | 1116 Gist St | Columbia | SC | 29201 |
| R08911-06-02 | 1114 Gist St | William Frye Trust | 1114 Gist St | Columbia | SC | 29201 |
| R08911-06-03 | 1112 Gist St | Gaffney Paul G II & Linda M Trust | 1112 Gist St | Columbia | SC | 29201 |
| R08911-06-04 | 1110 Gist St | Langston Mary A | 1110 Gist St | Columbia | SC | 29201 |
| R08911-06-05 | 1108 Gist St | Kay B Frame Trust | 1108 Gist St | Columbia | SC | 29201 |
| R08911-06-06 | 1106 Gist St | Reed Julie A | 1106 Gist St | Columbia | SC | 29201 |
| R08911-06-07 | 1104 Gist St | Ugino Michael R & Donna S | 1104 Gist St | Columbia | SC | 29201 |
| R08911-06-08 | 1102 Gist St | Webb Christopher R & Leeann R | 1102 Gist St | Columbia | SC | 29201 |
| R08911-06-09 | 1100 Gist St | Don David Lowman & Jan Robosson Lowman/Trust | 1100 Gist St | Columbia | SC | 29201 |
| R08911-07-01 | 302 City Club Dr | Carraway Timothy A & Bevely H | 302 City Club Dr Unit 32 | Columbia | SC | 29201 |
| R08911-07-02 | 304 City Club Dr | Rocamora Susan J | 304 City Club Dr | Columbia | SC | 29201 |
| R08911-07-03 | 306 City Club Dr | Barker Tracy A & Kelly P Survivorship | 306 City Club Drive | Columbia | SC | 29201 |
| R08911-07-04 | 308 City Club Dr | EE Residential Properties LLC | 308 City Club Drive | Columbia | SC | 29201 |
| R08911-08-01 | 311 Senate St | Fetner Debra M | 311 Senate St | Columbia | SC | 29201 |
| R08911-08-02 | 313 Senate St | Nuttall Annetta Mets | 313 Senate St | Columbia | SC | 29201 |
| R08911-08-03 | 315 Senate St | McMillan Rebecca S | 315 Senate St | Columbia | SC | 29201 |
| R08911-08-04 | 317 Senate St | Lee C Dixon III & Julia G | 1271 Cantrell Mountain | Brevard | NC | 28712 |
| R08912-12-01 | | The City Club Homeowners Association Inc | | Columbia | SC | 29206 |
| R08912-12-04 | 1128 Gist St | Williams Beverly Karen R | PO Box 1209 | Columbia | SC | 29202 |
| R08912-12-05 | 1126 Gist St | Ansari LLC | 302 Eagle Bend Dr | Waxhaw | NC | 28173 |
| R08912-12-06 | 1124 Gist St | Sello Jake A & Annette | 1124 Gist St | Columbia | SC | 29201 |
| R08912-12-07 | 1122 Gist St | Ring Mindy S & Allen N Berger | 1122 Gist St | Columbia | SC | 29201 |
| R08912-12-08 | 1120 Gist St | Neglia William J & Dianne B | 1120 Gist St Unit 14 | Columbia | SC | 29201 |
| R08912-12-09 | 1130 Gist St | Hartman James R & Sadie H Survivorship | 1130 Gist St | Columbia | SC | 29201 |
| R08912-12-10 | 1101 Williams St | Girl Scouts of South Carolina/Mountains to Midlands In | 5 Independence Pointe | Greenville | SC | 29615 |
| R08912-15-01 | 1133 Williams St | Huffman Christopher | 1133 Williams St | Columbia | SC | 29201 |
| R08912-15-02 | 1131 Williams St | Leedecker Charles H & Carolyn | 1131 Williams St | Columbia | SC | 29201 |
| R08912-15-03 | 11290 Williams St | Rideman Larry Alan | 1735 Decker Blvd Ste 70 | Columbia | SC | 29206 |
| R08912-15-04 | 1127 Wiliams St | Taylor John F & Claudia L Survivorship | 1127 Williams St | Columbia | SC | 29201 |
| R08912-15-05 | 1125 Williams St | Caughman Sheila K | 1125 Wiliams St | Columbia | SC | 29201 |
| R08912-15-06 | 1123 Williams St | Mckay Julius W II | 1123 Williams St | Columbia | SC | 29201 |
| R08982-01-01 | | City Club Homeowners LLC | 308 City Club Dr | Columbia | SC | 29201 |
| R08982-02-01 | UNT 4 300 Gervais St | Hane F Simons & Violet C | 300 Gervais St Apt 104 | Columbia | SC | 29201 |
| R08982-02-02 | UNT 3 300 Gervais St | Ranel Mencarelli Trust | 300 Gervais St #203 | Columbia | SC | 29201 |
| R08982-03-03 | UNT 5 300 Gervais St | Walker Breon | 300 Gervais St Unit 201 | Columbia | SC | 29201 |
| R09882-02-04 | UNIT 300 Gervais St | Black Marilyn | 300 Gervais St Unit 102 | Columbia | SC | 29201 |

**Note: Refer to Figure E-1 for locations.**

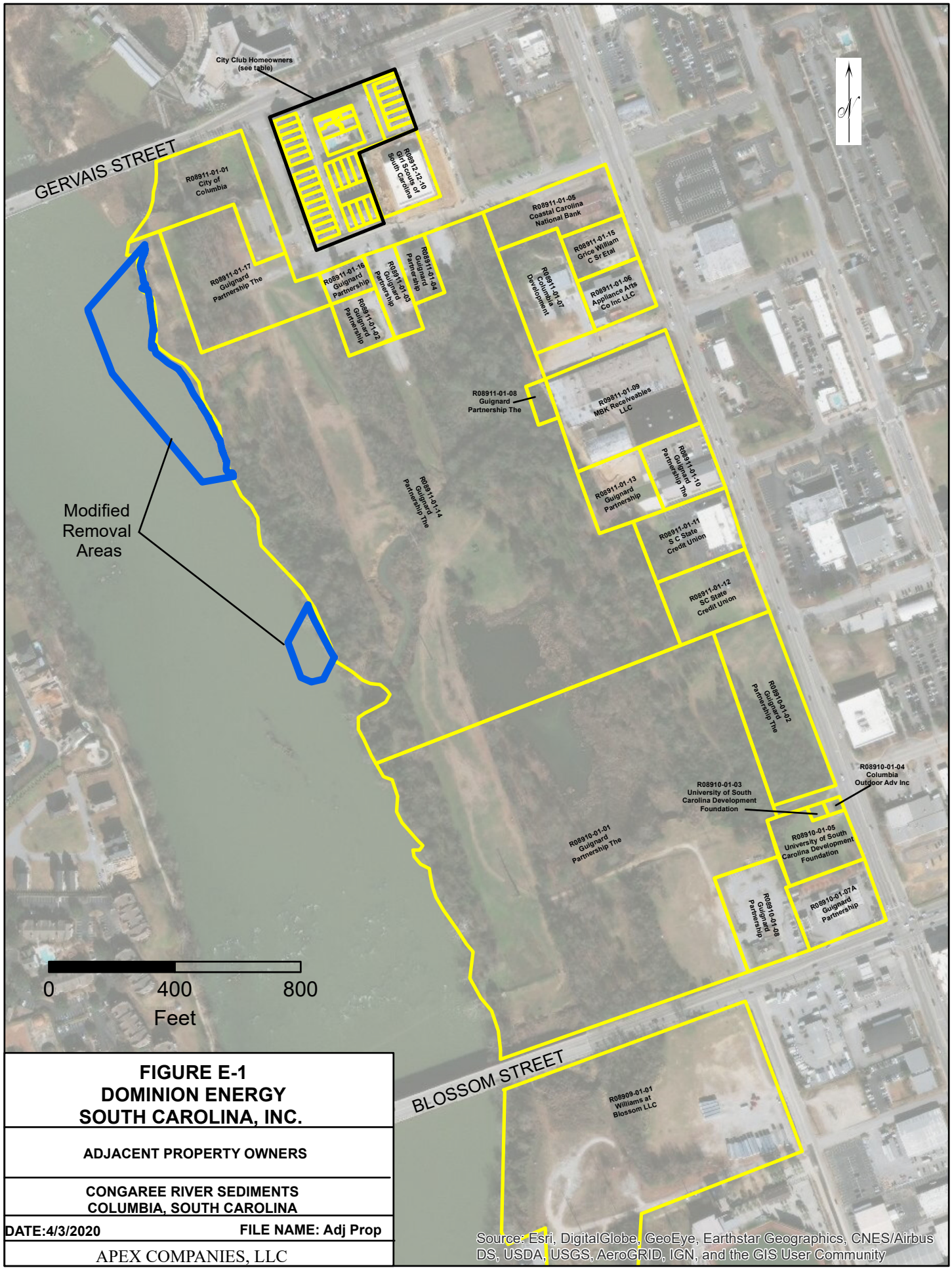



**FIGURE E-1**
**DOMINION ENERGY SOUTH CAROLINA, INC.**

**ADJACENT PROPERTY OWNERS**

**CONGAREE RIVER SEDIMENTS**
**COLUMBIA, SOUTH CAROLINA**

**DATE:4/3/2020** **FILE NAME: Adj Prop**

APEX COMPANIES, LLC

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**ATTACHMENT F**

**OTHER PERMITS AND APPROVALS OR DENIALS**

**ATTACHMENT F**

**DESC CONGAREE RIVER SITE**

**COLUMBIA, SOUTH CAROLINA**

**Joint Application Item 42 Supplement - Other Permits and Approvals or Denials**

**Previous USACE Permit Authorizations or Submittals:**

- Joint Permit Application for the originally proposed removal action submitted February 22, 2013: Due to the risks associated with implementation of the original (full-scale) removal action and subsequent to the extreme flooding events that were witnessed in October 2015, pursuit of permit authorization for a removal action was discontinued and the project transitioned to capping of impacted sediments within the river.
- NWP-14 Permit Authorization approved on October 20, 2014: Provided authorization for a concrete arch crossing of an unnamed tributary and access road improvements intended to support the original removal action.
- NWP-38 Permit Authorization approved on September 1, 2015: Provided authorization to implement the Field Demonstration Project (FPD) associated with the original removal action. This project was completed in the fall of 2015.
- NWP-38 Permit Authorization approved on October 18, 2017: Provided authorization to implement the capping alternative to address impacted sediments within the river. Based on public comments and preference for removal of impacted material, DESC was directed by SCDHEC to pursue the stakeholder-developed modified removal action (MRA).

The South Carolina Department of Health and Environmental Control (SCDHEC) and Dominion Energy South Carolina (DESC, formerly South Carolina Electric & Gas Company) executed a Voluntary Cleanup Contract (VCC) 02-5295-RP for the Huger Street former manufactured gas plant (MGP) site that includes addressing impacted sediments within the Congaree River.

DESC and SCDHEC have worked cooperatively to complete the delineation activities within the Congaree River and develop a remedial approach to address impacted sediments. The current approach, the Stakeholder-Developed Modified Removal Action (MRA), was developed following a Stakeholders meeting on November 15, 2018. In a letter dated February 7, 2019, SCDHEC provided their agreement with the MRA along with Declarations of Support from two primary stakeholders, Congaree Riverkeeper and Guignard Associates LLC.

**Additional Permit or Approval Requirements for the MRA**

In addition to the US Army Corps of Engineers (USACE) permit authorization being requested, the following permits or approvals have been or are anticipated to be obtained prior to implementation of the MRA:

- Local floodplain managers approvals of the hydraulic analysis that evaluated the impact of the proposed cofferdams on base flood elevations for the 100-year storm event, and the associated no rise certifications (received and provided with the Joint Application in Attachment I).
- SCDHEC approval of the Modified Removal Action Work Plan (MRA Work Plan).

- Approvals and/or licenses will be required from USACE and the South Carolina State Historic Preservation Office (SHPO) due to the potential presence of unexploded ordnance and historical artifacts.
- Approval from the City of Columbia for coverage under the South Carolina NPDES General Permit for Stormwater Discharges from Construction Activities.
- Temporary Regulated Industrial Wastewater Discharge Permit from the City of Columbia.
- City of Columbia Building Permit(s) for temporary structures required for implementation, if required.
- Approval from the disposal facility (anticipated to be Waste Management Richland County Landfill) for acceptance of material removed from the river.