

**Joint Federal and State Application Form  
For Activities Affecting Waters of the United States  
Or Critical Areas of the State of South Carolina**

**This Space for Official Use Only**

Application No. \_\_\_\_\_  
Date Received \_\_\_\_\_  
Project Manager \_\_\_\_\_  
Watershed # \_\_\_\_\_

*Authorities:* 33 USC 401, 33 USC 403, 33 USC 407, 33 USC 408, 33 USC 1341, 33 USC 1344, 33 USC 1413 and Section 48-39-10 et. Seq of the South Carolina Code of Laws. These laws require permits for activities in, or affecting, navigable waters of the United States, the discharge of dredged or fill material into waters of the United States, and the transportation of dredged material for the purpose of dumping it into ocean waters. The Corps of Engineers and the State of South Carolina have established a joint application process for activities requiring both Federal and State review or approval. Under this joint process, you may use this form, together with the required drawings and supporting information, to apply for both the Federal and/or State permit(s).

*Drawings and Supplemental Information Requirements:* In addition to the information on this form, you must submit a set of drawings and, in some cases, additional information. A completed application form together with all required drawings and supplemental information is required before an application can be considered complete. See the attached instruction sheets for details regarding these requirements. You may attach additional sheets if necessary to provide complete information.

1. Applicant Last Name: Harris	11. Agent Last Name (agent is not required): Contrael
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2. Applicant First Name: Donald (Rusty)	12. Agent First Name: Andrew (Rusty)
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3. Applicant Company Name: Dominion Energy South Carolina, Inc.	13. Agent Company Name: ACE, Inc.
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4. Applicant Mailing Address: 400 Otarre Parkway	14. Agent Mailing Address: 132 South Grant Avenue
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5. Applicant City: Cayce	15. Agent City: Kittanning
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6. Applicant State: South Carolina	7. Applicant Zip: 29033	16. Agent State: PA	17. Agent Zip: 16201
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8. Applicant Area Code and Phone No.: 803-217-7055	18. Agent Area Code and Phone No.: 412-721-6494
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9. Applicant Fax No.:	19. Agent Fax No.: 724-543-1531
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10. Applicant E-mail: rusty.harris@dominionenergy.com	20. Agent E-mail: rcontrael21@outlook.com
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21. Project Name: Congaree River Stakeholder-Developed Modified Removal Action (MRA)	22. Project Street Address: NA - Congaree River downstream of the Gervais Street Bridge.
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23. Project City: Columbia	24. Project County: Richland	25. Project Zip Code: 29201	26. Nearest Waterbody: Congaree River
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27. Tax Parcel ID: Portions of 08911-01-017 and 08911-01-014 (landside operations)	28. Property Size (acres): Approximately 13 acres for landside operations and 5.8 acres within river.
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29. Latitude: 33 59 40.59 N (alluvial fan)	30. Longitude: 81 02 56.80 W (alluvial fan)
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31. Directions to Project Site (Include Street Numbers, Street Names, and Landmarks and attach additional sheet if necessary):  
Travel east on the Gervais Street Bridge, turn right on to Gist Street and turn right on to Senate Street Extension. Project site located at the terminus of Senate St. Ext. and within the Congaree River directly downstream of the Gervais Street Bridge.

32. Description of the Overall Project and of Each Activity in or Affecting U.S. Waters or State Critical Areas (attach additional sheets if needed)  
The Stakeholder-Developed Modified Removal Action (MRA) involves construction of reinforced rock-filled berm cofferdams around two areas (to be completed separately) within the Congaree River to isolate and dewater these areas. After dewatering, sediment impacted by a tar-like material (TLM) will be removed from within the cofferdams and transported off-site for proper disposal. Following removal of the sediment, the cofferdam material will be removed from the river and the area restored to pre-removal action conditions. Post-remediation monitoring will ensure the reconstruction efforts remain intact. Additional information is provided in Attachment C.

33. Overall Project Purpose and the Basic Purpose of Each Activity In or Affecting U.S. Waters (attach additional sheets if needed):  
Removal of the TLM-impacted sediment from the project area will eliminate its potential for human contact. The removal will also eliminate or reduce the potential for resuspension and downstream movement of impacted sediments. Additional information is provided in Attachment C.

<p>34. Type and quantity of Materials to Be Discharged</p> <p>Dirt or Topsoil: _____ <input type="checkbox"/> cubic yards Clean Sand: _____ <input type="checkbox"/> cubic yards Mud: _____ <input type="checkbox"/> cubic yards Clay: _____ <input type="checkbox"/> cubic yards Gravel, Rock, or Stone: <u>-26,400 (dams)</u> <input checked="" type="checkbox"/> cubic yards Concrete: _____ <input type="checkbox"/> cubic yards Other (describe): _____ <input type="checkbox"/> cubic yards</p> <p>TOTAL: <u>approx. 26,400</u> cubic yards</p>	<p>35. Type and Quantity of Impacts to U.S. Waters (including wetlands).</p> <p>Filling: <u>~119,300</u> <input type="checkbox"/> acres <input checked="" type="checkbox"/> sq.ft. _____ <input type="checkbox"/> cubic yards Backfill &amp; Bedding: _____ <input type="checkbox"/> acres <input type="checkbox"/> sq.ft. _____ <input type="checkbox"/> cubic yards Landclearing: _____ <input type="checkbox"/> acres <input type="checkbox"/> sq.ft. _____ <input type="checkbox"/> cubic yards Dredging: _____ <input type="checkbox"/> acres <input type="checkbox"/> sq.ft. _____ <input type="checkbox"/> cubic yards Flooding: _____ <input type="checkbox"/> acres <input type="checkbox"/> sq.ft. _____ <input type="checkbox"/> cubic yards Draining/Excavation: <u>~134,200</u> <input type="checkbox"/> acres <input checked="" type="checkbox"/> sq.ft. _____ <input type="checkbox"/> cubic yards Shading: _____ <input type="checkbox"/> acres <input type="checkbox"/> sq.ft. _____ <input type="checkbox"/> cubic yards</p> <p>TOTALS: <u>approx. 5.8</u> acres <u>approx. 253,500</u> sq.ft. _____ cubic yards</p>
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36. Individually list wetland impacts including mechanized clearing, fill, excavation, flooding, draining, shading, etc. and attach a site map with location of each impact (attach additional sheets if needed).

Impact No.	Wetland Type	Distance to Receiving Water body (LF)	Purpose of Impact (road crossing, impoundment, flooding, etc)	Impact Size (acres)
River Removal Areas 1 and 2 (includes cofferdams)	Riverine	0	Impacted Sediment Removal	approx 5.8
see Attachment C for locations			Total Wetland Impacts (acres)	<b>Approx. 5.8</b>

37. Individually list all seasonal and perennial stream impacts and attach a site map with location of each impact (attach additional sheets )

Impact No.	Seasonal or Perennial Flow	Average Stream Width (LF)	Impact Type (road crossing, impoundment, flooding, etc)	Impact Length (LF)
River Area	Perennial	650	Dam Construction, Dewatering, Excavation	approx. 1,300
see Attachment C for locations			Total Stream Impacts (Linear Feet)	<b>Approx. 1,300</b>

38. Have you commenced work on the project site?  YES  NO If yes, describe all work that has occurred and provide dates.

Completed sediment investigation from June 2010 thru February 2011 and completed the Field Demonstration Project (FDP) from September thru November 2015. On-going periodic surface water sampling has been conducted since September 2017.

39. Describe measures taken to avoid and minimize impacts to Waters of the United States:

Prior to commencing work, measures will be taken to relocate freshwater mussels to outside of the project area. Erosion and sedimentation control BMPs will be installed landside, as needed, and total suspended solids monitoring within the river will be conducted during active construction activities. Shoreline impacts will be minimized to the extent practical and disturbed portions of the shoreline will be reconstructed, as necessary.

40. Provide a brief description of the proposed mitigation plan to compensate for impacts to aquatic resources or provide justification as to why mitigation should not be required (Attach a copy of the proposed mitigation plan for review).

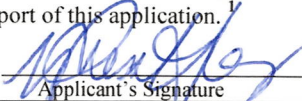
No mitigation plan is required for the river based portion of the project since the proposed removal action is the mitigation. Removal of the impacted sediment will provide benefit in the form of reduced potential for contact with the TLM by humans and other organisms. Removal of the TLM also reduces the potential for resuspension and downstream movement and reduction in the potential for flux of dissolved phase constituents with the water column.

41. See the attached sheet to list the names and addresses of adjacent property owners.  
See Attachment E.


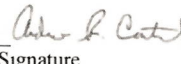
42. List all Corps Permit Authorizations and other Federal , State, or Local Certifications, Approvals, Denials received for work described in this application.

See Attachment F.

43. Authorization of Agent. I hereby authorize the agent whose name is given on page one of this application to act in my behalf in the processing of this application and to furnish supplemental information in support of this application.

 2/25/22  
Applicant's Signature Date

44. Certification. Application is hereby made for a permit or permits to authorize the work and uses of the work as described in this application. I certify that the information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent for the applicant.<sup>1</sup>

 2/25/22  Feb 25, 2022  
Applicant's Signature Date Agent's Signature Date

<sup>1</sup>The application must be signed by the person who desires to undertake the proposed activity or it may be signed by a duly authorized agent if the authorization statement in blocks 11 and 43 have been completed and signed. 18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.