

Boating Access & Engineering Section and Office of Environmental Programs

Executive Division

Breck Carmichael, Special Assistant to the Director

November 6, 2017



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Boating Access & Engineering Section

Purpose

- Provide professional engineering, design and construction management services to county governments and other partners, including internal customers, to enable the efficient and cost-effective completion of boating access, renovation and new construction projects.

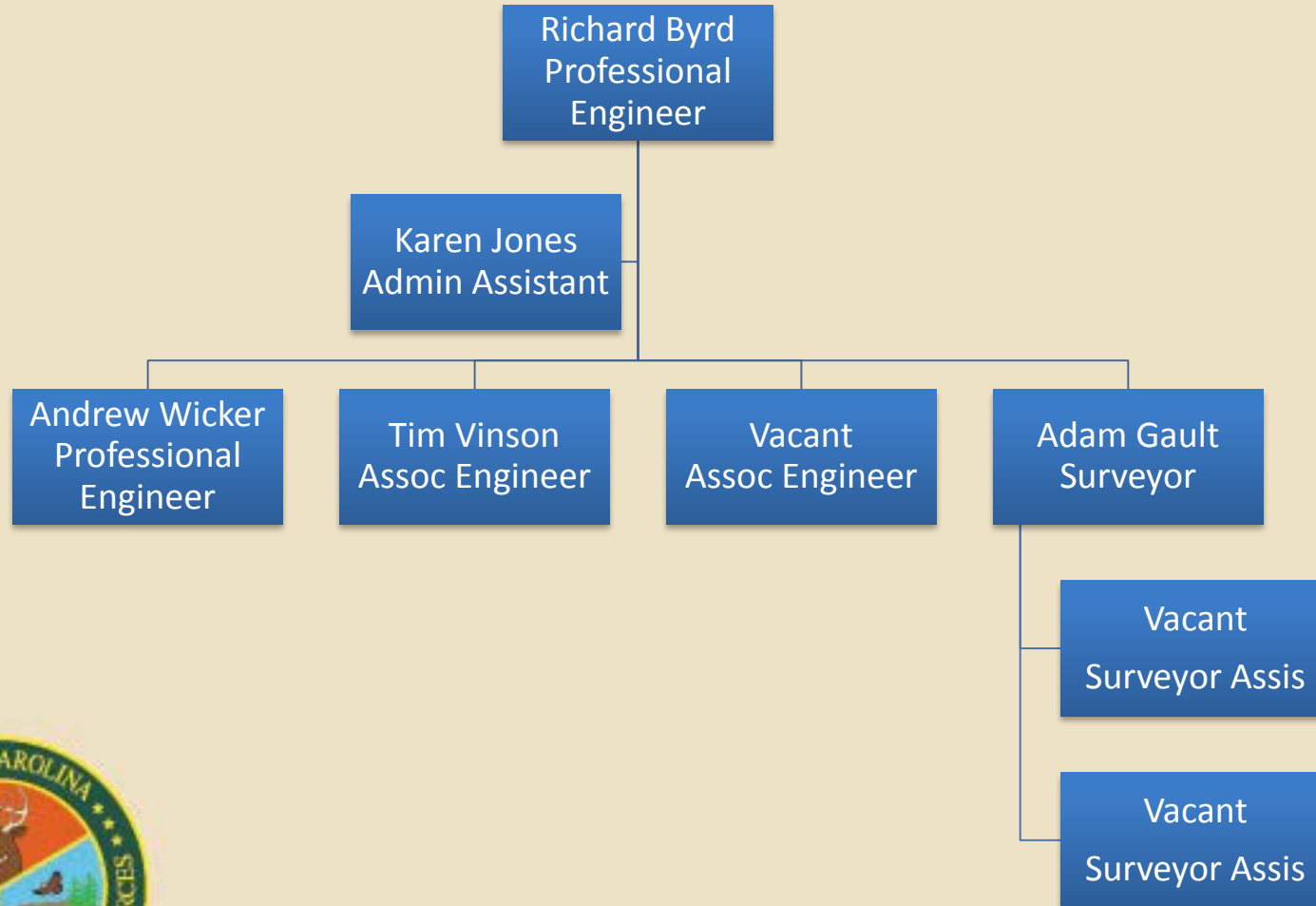


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Boating Access & Engineering



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Products, services, customers and potential harm.....

- ☐ 12-28-2730
Water Rec Fund
- ☐ 16 USC 777
Sport Fish
Restoration Act



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DNR Boating Access & Engineering Section

- Design & construct public access facilities (boat ramps, etc.)



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Shooting Ranges Built with Hunter Education Dollars



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Santee Gun Club Renovations at Santee Coastal Reserve



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Jocassee Equipment Depot



Region 2 Florence Office Construction





Region 4 Fort Johnson Boat Lift Project



ADA Compliance



Other agencies that serve the same
or similar services.....



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Relationships with other entities . . .

- ☐ Counties
- ☐ Contractors/
Consultants
- ☐ U.S. Fish and
Wildlife Service



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Resources available & methodology for allocation . . .

- ☐ 2PEs, 2 Assoc. Engineers, Surveyor, 2 Surveyor Assistants, Admin. Assistant
- ☐ Water Rec Funds
- ☐ Sport Fish Restoration Funds
- ☐ Other DNR funds used for non-boating access internal projects



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Strategy 5.4

- Provide professional engineering services to external and internal customers to insure safe and high quality access for fishing, boating, shooting and other natural resource related activities, and to maintain agency infrastructure and assets.



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Objective 5.4.1

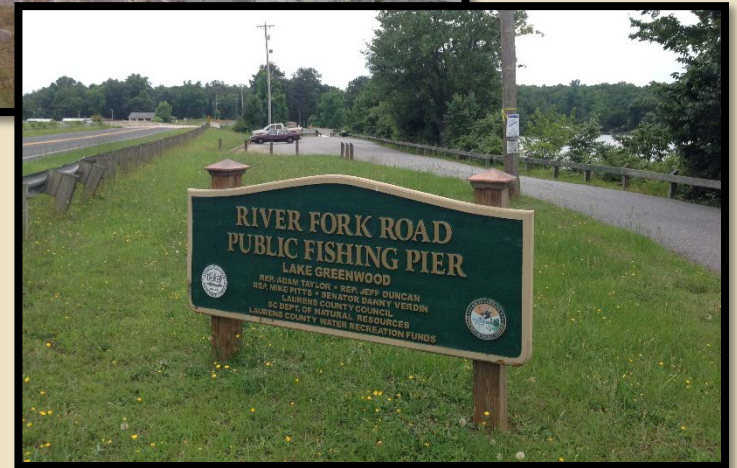


- Design and oversee major maintenance and renovation of existing, as well as construction of new boating access facilities, shooting facilities, and other agency infrastructure and assets statewide.



Performance measures . . .

- ☐ Number of public boating access facilities renovated
- ☐ Number of new boating access facilities initiated or completed



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Office of Environmental Programs

Purpose

- Review proposed environmental impacts as published in the regulatory arena and provide science-based expertise to benefit the state's natural resources and its citizens.

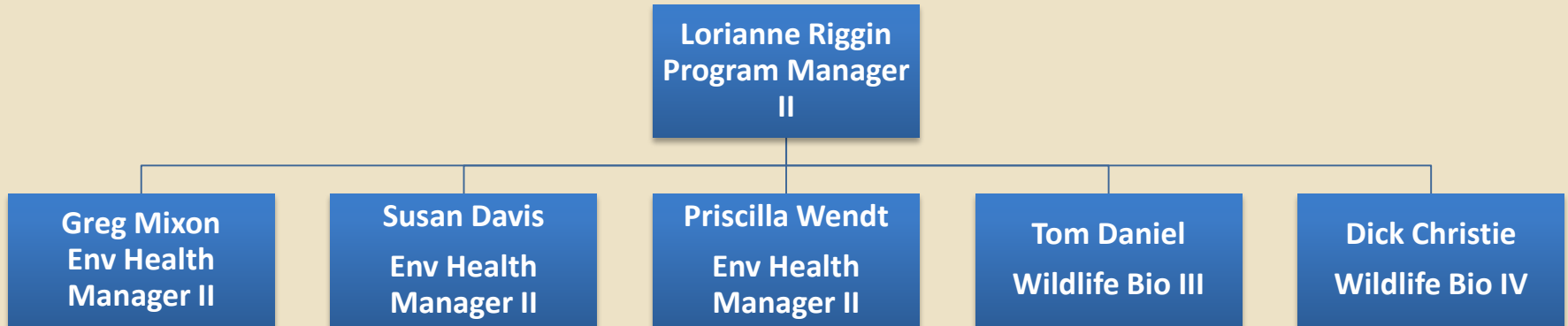


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Products, services, customers and potential harm . . .

- ☐ 48-39-50; 48-39-60; 50-3-180, etc.
- ☐ 1994 State Government reorganization
- ☐ DNR Board Policy 600.01



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Environmental Permitting

- Permitting is required any time there is an affected action potentially causing environmental impacts covered under any Federal or State environmental laws or regulations.
- Permits are required to be obtained by everyone:
 - Private citizens
 - Businesses,
 - Utilities and Corporations, and
 - State and Federal Agencies



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Environmental Permitting

- ☐ Rivers and Harbors Act
- ☐ Section 404 of the Clean Water Act
- ☐ Section 401 of the Clean Water Act also known as State Water Quality Certification
- ☐ SC Navigational Waters Act
- ☐ Coastal Zone Consistency Act
- ☐ Federal Power Act
- ☐ Nuclear Regulatory Act
- ☐ CERCLA (Superfund)
- ☐ National Environmental Policy Act
- ☐ Other Laws: Mining, Landfill, Stormwater Permits



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Environmental Permitting

- The regulatory agencies accept, and publish permit applications.
- The resource agencies identify the potential impacts and work with the regulatory agencies and applicants to avoid, minimize, or mitigate those impacts.
- DNR is also known as a commenting agency.
- DNR has no environmental regulatory authority.
- Commenting agency = Resource agency.

We Comment on Resource-Related Issues!



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Environmental Permitting

How many?

- The regulatory agencies currently public notice approximately 1,000 permit applications each year.
- OEP staff triage these applications to determine which ones require a comprehensive review.
- We perform approximately 200 comprehensive reviews annually.



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Permits for alterations of waters and wetlands: Development Activities



Most of the time, developers pursue responsible permitting of wetland alterations.

Permits for beach alterations: Renourishment Activities



FERC Hydroelectric Projects



Major Projects: Buzzard's Roost, Catawba-Wateree, Keowee-Toxaway, Saluda, Santee Cooper, & Yadkin-Pee Dee, a dozen small projects on various small rivers. 25 projects in SC



Lake Murray Dam



Santee Dam



Broad River Dam & Fishway

Dredging Projects: Port of Charleston Post-45 Project

Proposed Container Terminal at
Charleston Naval Complex



Crab Bank Seabird Nesting Island



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Mitigation Project Example: Haile Gold Mine



- ☐ 120 acres of wetland fill, and 5 miles of stream impacts, most of which would be filled.
- ☐ Wetland fill equals approx. 3 years cumulative wetland fill for all of South Carolina.
- ☐ Water quality impacts
- ☐ Mitigation package was appropriately rigorous



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Other agencies that serve the same or similar services.....

Eastatoe Creek



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Relationships with other entities . . .

- ☐ State: DHEC, Commerce, DOT, SHPO, SCPA
- ☐ Federal: USACE, EPA, FERC, USFWS, NMFS
- ☐ Consultants
- ☐ Other Applicants (private landowners, industry, etc.)



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Resources available & methodology for allocation . . .

- ☐ Program Manager and 5 Biologists
- ☐ Financial support from DNR resource divisions



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Strategy 5.3

- Review and comment on proposed environmental impacts as published in the regulatory arena to provide reliable, science-based information to decision makers and the public.

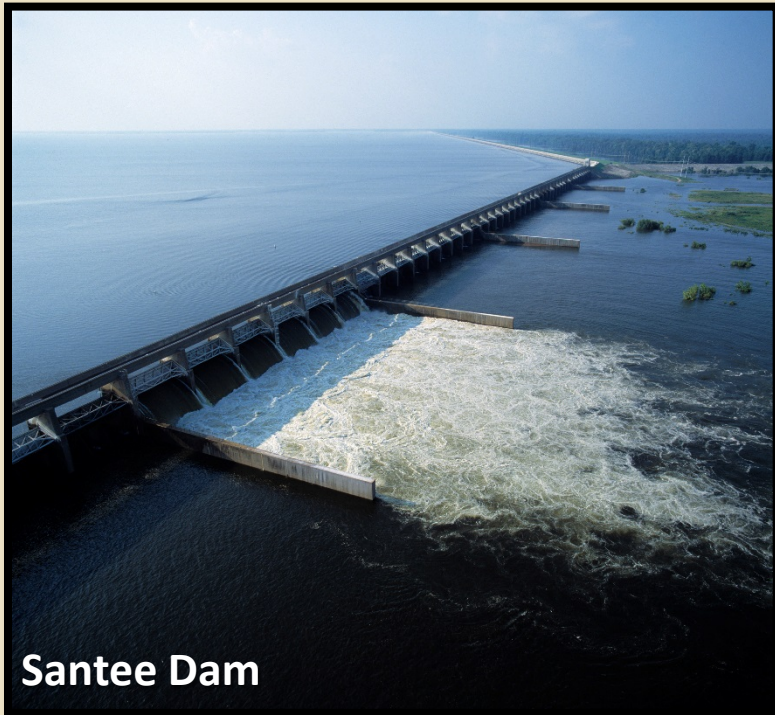


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Objective 5.3.1



Santee Dam

- Participate in comprehensive reviews of Federal Energy Regulatory Commission hydroelectric project proposals on licensed projects.



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Objective 5.3.2

- Monitor and review public notices of permit applications submitted to state and federal agencies.



**JOINT
PUBLIC NOTICE**

CHARLESTON DISTRICT, CORPS OF ENGINEERS
69A Hagood Avenue
Charleston, SC 29403-5107
and
THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Office of Ocean and Coastal Resource Management
1362 McMillan Avenue, Suite 400
Charleston, South Carolina 29405

REGULATORY DIVISION
Refer to: P/N SAC-2016-00187

July 31, 2017

Pursuant to Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), and the South Carolina Coastal Zone Management Act (48-39-10 et seq.), an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

Berkeley County Government
c/o Stantec Consulting Services, Inc.
Pat Ferral
4969 Centre Point Drive, Suite 200
North Charleston, South Carolina 29418

for a permit to place fill in wetlands associated with

SMITH BRANCH

at the intersection of US Highway 176 and Nexton Parkway in Summerville, Berkeley County, South Carolina (Latitude: 33.1132 °N, Longitude: -80.1361 °W) (Summerville Quad).

In order to give all interested parties an opportunity to express their views

NOTICE

is hereby given that written statements regarding the proposed work will be received by the Corps until

15 Days from the Date of this Notice,

and SCDHEC will receive written statements regarding the proposed work until

30 Days from the Date of this Notice

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of impacts to into 0.928 acre of wetlands to construct the Nexton Parkway road extension. In detail, the proposed work involves the landclearing of 0.074 acre of wetlands and the discharge of fill material into 0.854 acre of wetlands to construct the



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Objective 5.3.3



- Review proposed wetland mitigation banks and participate on the Interagency Review Team providing input and guidance in the process of permitting mitigation banks.



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Performance Measures . . .

- ❑ Large, highly impactful projects are offset with meaningful Landscape-Scale Mitigation, enabling economic development and creating jobs for the State, while protecting natural resources and providing outdoor recreational opportunities for our citizens.
- ❑ Recent examples: Haile, Boeing, Volvo, I-73



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