



## FINDING OF NO SIGNIFICANT IMPACT

*clean water act — south carolina state revolving fund*

**PROJECT:** Grand Strand Water & Sewer Authority (GSWSA)  
Central WWTP 4 MGD  
SRF Project # 381-85  
Horry County

This Department, under Section 48-5-60 of the Code of Laws of South Carolina, has the authority and responsibility to conduct environmental reviews and approve Clean Water preliminary engineering reports (PER) prepared for the State Revolving Fund Division. Our review has determined that implementation of the plan identified below will not cause a significant environmental impact and the Department hereby issues this Finding of No Significant Impact (FNSI).

This FNSI precedes approval of the PER entitled "Central WWTP 4 MGD" dated March 2025. GSWSA will implement the project. The following Environmental Assessment summarizes the environmental effects of the proposed facilities.

### ENVIRONMENTAL ASSESSMENT

**Need for Project:** The proposed project will provide additional treatment in the Central area. Currently, the Central WWTP is being used as a transfer station to receive flow from the Central collection area, screen the influent flow, and then transfer to the Schwartz WWTP. With the development in the area continues to grow, the Schwartz WWTP will not be able to accommodate the additional flow. Activating and expanding the Central WWTP with a discharge into the Waccamaw River will meet the additional treatment needs in the Central area.

**Proposed Facilities:** The attached figure shows the proposed project location. The project will bring the Central WWTP to a maximum capacity of 4.0 MGD using a proposed conventional activated sludge facility. New headworks along with a pump station will be constructed. An extended aeration oxidation ditch, clarification system, and tertiary treatment system will also be constructed. An effluent line will be constructed along Jackson Bluff Road and within GSWSA property. The treated effluent from the Central WWTP will be discharged into the Waccamaw River, which is upstream from the discharge point for the Schwartz WWTP and downstream from the Conway WWTP.

The estimated capital cost for the project is \$79,541,115.



## **ENVIRONMENTAL CONSEQUENCES**

No long-term environmental impacts should result from the proposed activities. Although wetlands and floodplains occur in the planning area, the proposed project will be designed to result in minimal impacts to the areas mentioned. In addition, the proposed project will be consistent with any needed 404 permits by the Corps of Engineers (e.g. preconstruction contours will be restored).

Implementation of the proposed project is not expected to violate any of the environmental crosscutting authorities that apply to projects receiving Federal assistance. The following crosscutting authorities were considered before arriving at this conclusion: important farmlands, wild and scenic rivers, floodplains, archaeological or historical sites, threatened or endangered species, national natural landmarks, sensitive coastal zone resources, and impaired air quality. Short-term, minor disturbances associated with construction - such as traffic interference, noise, dust, vegetation loss, erosion and sedimentation - will be minimized through the use of best-management construction practices.

## **COMMENTS**

Comments received by 5PM April 6, 2026, will be evaluated before approval of the preliminary engineering report. If you wish to comment, please contact Gracie Leatherman at [gracie.leatherman@des.sc.gov](mailto:gracie.leatherman@des.sc.gov) or write to:

Gracie Leatherman  
State Revolving Fund Environmental Coordinator  
SC DES - Bureau of Water  
2600 Bull Street  
Columbia, SC 29201

Signed,

**Wayne J. Shealy, P.E., Division Director**  
State Revolving Fund Division





**OVERALL SITE PLAN**  
SCALE: 1" = 400'

Project:  
CENTRAL WWTP UPGRADE  
HORRY COUNTY, S.C.

**GRAND STRAND**  
WATER & SEWER  
AUTHORITY

**Weston & Sampson**  
Weston & Sampson Engineers, Inc.  
911 Norman Alley  
Conway, SC 29526  
843.488.0124 800.SAMPSON  
www.westonandsampson.com

Consultants:

Revisions:

No.	Date	Description

COA:

Seal:

Issued For:  
**FOR PERMITTING**

Scale:

Date: 05/12/2025

Drawn By: -

Reviewed By: JWM

Approved By: JWM

W&S Project No.: ENG24-0796

W&S File No.:

Drawing Title:  
**OVERALL  
SITE PLAN**

Sheet Number:  
**G-4**

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