



FINDING OF NO SIGNIFICANT IMPACT

CLEAN WATER ACT — SOUTH CAROLINA STATE REVOLVING FUND

PROJECT: Renewable Water Resources (ReWa)
Conestee Pump Station and Force Main
SRF Project # 370-117
Greenville 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 wastewater preliminary engineering reports (PER) prepared for the Clean Water 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 "Conestee Pump Station and Force Main" dated November 2023 (revised February 2025). ReWa 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 alleviate capacity constraints in the Lower Reedy Water Resource Recovery Facility (WRRF) Basin by diverting flows to the Mauldin Road WRRF, which has adequate capacity through a 2040 planning horizon. This project will primarily manage flows from the Conestee Area, which is a high growth area at the upstream end of the Lower Reedy Basin. The project will divert Conestee Service Area flows from the Lower Reedy WRRF to the Mauldin Road WRRF for treatment. The flow diversion will relieve existing capacity limitations in the Lower Reedy interceptor system and mitigate the need for future upgrades of the Lower Reedy WRRF.

Proposed Facilities: The attached figure shows the proposed project location. The project will maximize available treatment and wet weather management capacity at the Mauldin Road WRRF with flow diversion and minimizes the need for expansion of the Lower Reedy WRRF. The force main will be installed within a 50-foot easement that ReWa has already acquired from the fourteen (14) property owners along the proposed route. ReWa is planning to run a water reuse line in the same easement as the Conestee Force main. The project will consist of a 15,908 linear foot 24-in force main, four jack and bore locations, manhole, chain link fence, relocating and existing 42" reinforced concrete pipe, constructing a new pump station site (which includes multiple building structures), electrical and instrumentation. Phase 1 includes the construction of the Diversion Structure, Screen Facility, Pump Station, and associated components, and 24-inch force main to Mauldin Road WRRF. The firm capacity of the pump station will be 12.5MGD under Phase 1. Phase 2 will increase the pump station capacity to 15.6 MGD to satisfy capacity demands through service area. The estimated capital cost for the project is \$23,209,700.

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 18, 2025, will be evaluated before approval of the preliminary engineering report. If you wish to comment, please contact Kyle Maurer at kyle.maurer@des.sc.gov or write to:

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Signed,



Wayne J. Shealy, P.E., Division Director
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Section 8

Location Map

The overall project layout plan is presented in Figure 8-1. Figure 8-2 shows the Conestee Pump Station site.



Figure 8-1. Overall Project Layout Plan