

# Wastewater Construction Permit Bureau of Water



**SRF No. 370-84**

*The issuance of this permit does not relieve projects pursuing funding in the State Revolving Fund (SRF) program of responsibility to fulfill SRF program requirements. All construction will be at the sponsor's own funding risk prior to completion and approval of SRF requirements.*

<b>PROJECT NAME: LOWER REEDY WRRF DIGESTER CAPACITY IMPROVEMENTS</b>	<b>COUNTY: GREENVILLE</b>
<b>LOCATION:</b>	

**PERMISSION IS HEREBY GRANTED TO:** RENEWABLE WATER RESOURCES  
561 MAULDIN RD  
GREENVILLE SC 29607-4208

for the construction of an upgrade to an existing wastewater treatment plant in accordance with the construction plans, specifications, design calculations and the Construction Permit Application signed by James Struve, Registered Professional Engineer, S.C. Registration Number: 22633.

**PROJECT DESCRIPTION:** Construction of a new anaerobic digester tank with fixed concrete dome cover and linear motion mixing; a new digester control building with hot water boilers, digester gas compressor skid assembly, heat exchanger, sludge recirculation pumps, sludge transfer pump, in-line grinders, and primary and secondary hot water loop pumps; new membrane gas holder storage facility, new waste gas burner; new unit electrical substation, motor control centers, and variable frequency drive; yard piping modifications and all other necessary appurtenances.

**TREATMENT FACILITY:** The effluent will be discharged to the RENEWABLE WATER RESOURCES (NPDES permit SC0024261) at a design flow rate of 0 gallons per day (GPD).

The effluent concentrations of those constituents the wastewater treatment system is designed to remove or reduce are contained in (NPDES permit SC0024261) Treatment Plant Classification

**STANDARD CONDITION:**

**NOTE:** In accepting this permit, the owner agrees to the admission of properly authorized persons at all reasonable hours for the purpose of sampling and inspection. This is a permit for construction only and does not constitute DHEC approval, temporary or otherwise, to place the system in operation. An Approval to Place in Operation is required and can be obtained following the completion of construction by contacting the GREENVILLE EQC OFFICE at 864-372-3273. Additional permits may be required prior to construction (e.g., Stormwater).

**SPECIAL CONDITIONS:**

<b>PERMIT NUMBER:</b>	<b>41207-WW</b>
<b>ISSUANCE DATE:</b>	<b>July 27, 2018</b>
<b>EXPIRATION DATES:</b>	Construction must be completed and the Approval to Place in Operation granted prior to <b>July 27, 2021</b> or this permit will expire.

Charles Gorman, P.G., Manager  
State Revolving Fund Section  
Water Facilities Permitting Division

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