Water Supply Construction Permit
Bureau of Water

Permission is Hereby Granted To: USDA FOREST SERVICE REGION 8
4931 BROAD RIVER RD
IRMO SC 29063

for the construction of a groundwater system (one-step well) in accordance with the construction plans, specifications, design calculations and the SC DES Construction Permit Application signed by William Buchanan, Registered Professional Engineer, S.C. Registration Number: 28610.

Project Name: BUCK HALL RECREATION ARE RECONSTRUCTION **County:** Charleston
Location: 1099 BUCK HALL LANDING ROAD, MCCLELLANVILLE, SC 29458

Project Description: Installation of a Type IV well with diameter of 4" and approximate depth of 200' and anticipated yield of 50gpm, 5 Well-X-Trol WX-350 storage tanks, approximately 2927lf of 2" waterline, 1106lf of 1" waterline, blow offs and all necessary appurtenances.

Service By: The water will be provided by Us Forest Service (System Number: 1070652)

Special Conditions

1. The materials used shall be lead free. EPA defines lead free as a weighted average of 0.25% lead calculated across the wetted surfaces of the pipe, pipe fitting, plumbing fitting, fixtures and 0.2% lead for solder and flux.
2. This facility must submit monitoring results during the follow-up permit application for pH, Total Coliform, Nitrate, Alkalinity, Iron, Manganese and any other parameter the Department deems necessary. Also, if the test well is Type II or III gravel pack well, Turbidity and Sand content testing are required.
3. Within 30 days of completion of the test well, 3 copies of the enclosed water well record form shall be completed and submitted along with results of the sand content testing (for well types II, III and IV), 24 hour pump test, and chemical, bacteriological, and bench scale analysis. At the same time, pump curves should be submitted for the pump selected, and the calculations should be submitted showing the appropriate chemical feed rate for chlorine feeder pumps. This information must be provided to the local EQC District Office prior to any further construction.
4. All products used for water disinfection must be properly registered for use in compliance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). Questions related to the FIFRA registration and labeling in South Carolina must be directed to the Department of Pesticide Regulation administered by the Clemson University Office of Regulatory Services.
5. Before an approval to "Place Into Operation" can be issued for the proposed construction, an operation and maintenance (O&M) manual must be developed. This must be a comprehensive O&M manual developed for all facility processes. The complete O&M manual must be available for review at the time of final inspection. Note that if an O&M manual already exists for a facility then only an addendum for the proposed work is required.

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 State Department of Environmental Services 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 CHARLESTON EQC OFFICE at 843-953-0150. Additional permits may be required prior to construction (e.g., stormwater).

Permit Number: 38364-WS
Date of Issue: March 11, 2025
Expiration Date: Construction must be completed prior to March 11, 2028 or this permit will expire.
JGC

PE, for
Douglas B. Kinard, P.E., Director
Drinking Water and Recreational Waters
Protection Division