



STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
DIVISION OF WATER RESOURCES  
William R. Snodgrass - Tennessee Tower  
312 Rosa L. Parks Avenue, 11<sup>th</sup> Floor  
Nashville, Tennessee 37243-1102

October 2, 2023

Mr. Jack Parker, P.E.  
Senior Project Manager  
e-copy: jparker@catalyst-dg.com  
Catalyst Design Group  
5100 Tennessee Ave  
Nashville, TN 37209

Subject: **Lascassas Estates**  
**County: Rutherford**  
**Wastewater Project Number: 23.0027**  
**Project: Lascassas Estates Treatment Facility and STEP collection system**  
**(108 lots)**

Dear Mr. Parker:

The Tennessee Department of Environment and Conservation, Division of Water Resources, acknowledges the receipt of your construction documents on January 13, 2023 and additional information through September 19, 2023.

This project consists of construction of a STEP effluent collection system composed of 5,500 linear feet of 2-inch DR21 SCH40 low-pressure sanitary sewer line and a treatment facility composed of a 0.0324 MGD recirculating sand filter, UV disinfection, and drip irrigation system for 108 lots.

Approval is granted in accordance with certain requirements of the Water Quality Control (WQC) Act of 1977 and Regulations of the Water Quality Control Board. **On the coversheet(s) of the site's set of plans and specifications, an approval date and its expiration date will be stamped by the division. Any indication of tampering with the bound set of documents will be subject to investigation and prosecution.** One complete set of construction documents, bearing the official stamp, must be kept at the construction site.

**TDEC's approval of this land application waste treatment system shall not be construed as creating a presumption of correct operation nor as warranting by the Commissioner that the approved facilities will reach the designated goals. T.C.A. § 69-3-108(i). Similarly, TDEC's issuance of a state operating permit in no way guarantees that this land application system will function properly. Notwithstanding these approvals, owners and operators are required to ensure that operation of this system does not result in pollution of waters of the state, including groundwater.**

Approval expires one year from the stamped approval date (October 2, 2023) unless construction is either underway or complete. Any request for extension must be made prior to this expiration date. Significant deviations from the approved plan documents must be submitted and approved in writing before such changes are made. Minor changes made during construction need not have prior written approval. Modifications, however, may be required by this Department should the changes be deemed inappropriate. It is advisable, therefore to obtain prior approval in cases where the significance of the change is uncertain.

The Division of Water Resources is authorized to inspect the construction work to verify compliance with the approved plans and specifications, which are on the site. Therefore, the engineer shall notify our staff at the Nashville Environmental Field Office by calling (615) 687-7000 before the start of construction.

Approval of these construction documents should not be construed as a permit for any activities related to this project. Activities which may require a permit under the WQC Act and Regulations include, but are not limited to, the following: streambank vegetation removal; creek crossing(s) for equipment or utility lines; construction within twenty (20) feet of a stream bank; construction in or near a marshy area or wetland, and/or land disturbance equal to or greater than one acre. Additionally, this approval does not authorize connection and use of sewer that will cause or contribute to collection system overflow or overload of receiving wastewater treatment facility.

The Nashville Environmental Field Office should also be contacted for determinations regarding whether modification of the existing NPDES or SOP permit, an Aquatic Resource Alteration Permit (ARAP) and/or a National Pollutant Discharge Elimination System (NPDES) construction stormwater permit will need to be obtained prior to the beginning of construction of this project.

The Division's most recent TDEC Technical/Engineering Documents, including "*Design Criteria for Review of Sewage Works Construction Plans and Documents*", Chapters 1-17, of November 1, 2017, is available on our website: <https://www.tn.gov/environment/program-areas/wr-water-resources/water-quality/water-quality-reports---publications.html>.

To expedite matters, please reference the assigned wastewater project number 23.0027 on any future correspondence. If you have any questions, please feel free to contact Mr. Michael Bascom at (423) 585-7879 or by E-mail at [Michael.Bascom@tn.gov](mailto:Michael.Bascom@tn.gov).

Sincerely,

A handwritten signature in blue ink that reads "Angela Jones". The signature is written in a cursive, flowing style.

Angela Jones, P.E.  
Manager, Engineering Services Unit

cc: Water-Based Systems File  
Mr. Tim Jennette, Program Manager, TDEC Division of Water Resources, [tim.jennette@tn.gov](mailto:tim.jennette@tn.gov)  
Mr. Roger Goodson, General Manager, Consolidated Utility District of Rutherford County,  
[cudengineering@ cudrc.com](mailto:cudengineering@ cudrc.com)