



TO: Board of Supervisors

FROM: David Vogelsong, P.E., Project Manager *DV*

RE: Highland Lake Water Tank Special Use Permit Letter of Application

DATE: April 25, 2017

We are requesting the Special Use Permit to demolish the existing Highland Lake Water Tank and replace it with a new water tank be fast-tracked and the public hearing be held on June 20th instead of July 18th. The existing water tank is in poor shape and inadequate for the community needs. The new water tank will provide 750 gallons per minute of fire flow for a two hour time period without allowing the water pressure to drop below 20 psi. The current water tank does not provide fire flow.

The anticipate changes will be a new water tank where the old water tank is currently, fire hydrants being installed along Dillard's Hill Road between the Land's End Water Treatment Plant and the Highland Lake Water Tank, and upgrades and improvements to the Land's End Water Treatment Plant. There will also be fire hydrants going in the new Kennedy Shores Subdivision.

The water being supplied to the Highland Lake System will now be treated as part of this project. The current water in the Highland Lake Water System goes from the wells to the tank. The new design will take the water from the Highland system wells to the Land's End water treatment plant. Once the water is treated, it will be pumped to the new water tank. The upgrades and improvements going in the Land's End Water Treatment Plant are inside the existing building. The new piping will all be underground. The only changes at the completion will be the new water tank and fire hydrants.

Our Mission Is Clear

**FRANKLIN COUNTY
PETITION/APPLICATION FOR SPECIAL USE PERMIT
(Type or Print)**

I/We, Western Virginia Water Authority, as Owner(s), Contract Purchasers, or Owner's Authorized Agent of the property described below, hereby apply to the Franklin County Board of Supervisors for a special use permit on the property as described below:

1. Petitioners Name: Western Virginia Water Authority (WVWA)

2. Property Owner's Name: Western Virginia Water Authority (WVWA)

Phone Number: 540-283-2943 David Vogelsson 540-283-2934 Bob Benninger

Address: 601 S Jefferson St. Suite 300
Roanoke, VA Zip: 24011

3. Exact Directions to Property from Rocky Mount: Head east on Route 40 for 11 miles, Turn left on Berger Loop for 0.2 miles. Turn left on Kemp Ford Rd 1.4 miles. Right on Dillards Hill Rd 2 miles. Right on Belle Isle Dr. 1st driveway on Right.

4. Tax Map and Parcel Number: 0510001101

5. Magisterial District: Union Hill

6. Property Information:

A. Size of Property: Approximately 14,000 sq. feet | 1 ACRE

B. Existing Zoning: R-1

C. Existing Land Use: Water Tank

D. Is property located within any of the following overlay zoning districts:
 Corridor District Westlake Overlay District Smith Mountain Lake Surface District

E. Is any land submerged under water or part of a lake? Yes No If yes, explain.

7. Proposed Special Use Permit Information:

A. Proposed Land Use: Replace existing water tank with bigger tank

B. Size of Proposed Use: 22' in diameter and 67' in height.

C. Other Details of Proposed Use: We are combining several water systems into one system. The new bigger tank will provide fire protection which is currently not available. The new system will provide treatment, which is currently not available. The old tank will be removed and a new one will replace it. It will be like the one we built at Burnt Chimney, but not as big.