

Public Notice - Tennessee Valley Authority
No Practicable Alternative for
Laydown Areas in the 1% Annual Chance, 100-year Floodplain

October 19, 2026

Notice is hereby given that the North Marshall Water District (NMWD), TVA, and USACE jointly propose to upgrade an existing water line in the vicinity of Kentucky Dam. The work would consist of installing 7,400 ft of 10" PVC, 1,700 ft of 8" PVC, and 1,900 ft of 8" PVC, plus an 8" insulated stainless steel line under US Highway 62 bridge. Additionally, a new booster station would be built. The project would be in the vicinity of Kentucky Dam, in Marshall and Livingston Counties, Kentucky. Among other proposed actions addressed in the CEC (56771), one construction laydown area is proposed within the limits of the Tennessee River 1-percent annual-chance (100-year) floodplain and is therefore subject to analysis under Presidential Executive Order 11988, Floodplain Management. The laydown area would be in place approximately 12 months beginning in March 2027. The approximate locations of the proposed construction areas are shown in the attached figure by the pink polygon.

There is no practicable alternative to locating the laydown area within the 1-percent annual-chance (1% AC) floodplain for the following reasons. Alternative sites were identified, but the alternative site available for a laydown area was approximately 2 miles from the construction site and therefore would be an increased cost to double handle and transport the materials.

Therefore, TVA has determined that there is no practicable alternative to locating the laydown area within the 1% AC floodplain.

All practicable design measures to minimize harm to the floodplain have been identified by TVA. These measures include:

1. Using best management practices during the lifetime of the laydown area,
2. Developing an evacuation plan for removal of flood-damageable equipment and materials from the floodplain in the event of a flood or high-flow event,
3. Locating lower-value and/or floodable equipment and material at lower elevations of the laydown area, and
4. Staging the flood damageable equipment and materials in the laydown area to limit the amount of time in the area to the greatest extent practicable.

TVA has therefore concluded that the proposed project is consistent with Executive Order 11988 because:

1. There is no practicable alternative to locating the staging area in the floodplain,
2. The proposed project will be designed to minimize to the extent practicable harm to or within the floodplain,
3. The proposed project would conform with applicable state and local floodplain protection standards, and

4. Identifiable impacts to the floodplain are negligible.

Any party wishing to comment on the action's potential to affect floodplains should email comments to gtzimmerman@tva.gov on or before November 1, 2026.



Legend

- Laydown Area
- Proposed_waterline
- Cross-Sections

Flood Hazard Boundaries

LN_TYP

- Limit Lines

SFHA / Flood Zone Boundary

Flood Hazard Zones

Zone Type

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- 0.2% Annual Chance Flood Hazard

0 0.2 0.4 0.8 Miles

N



Vantor, Esri, HERE, Garmin, IPC