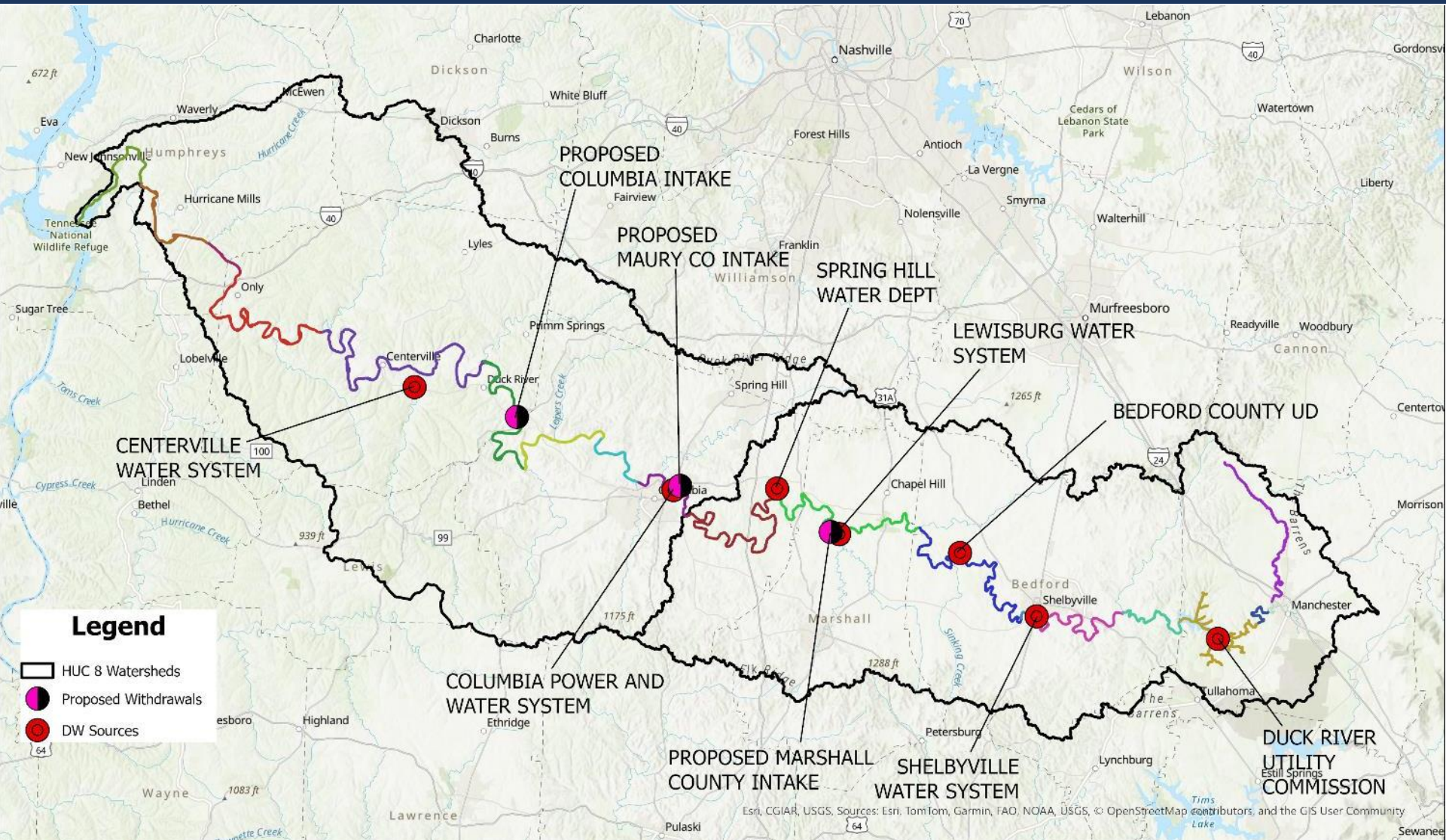




Department of
**Environment &
Conservation**

TDEC Update on MCWS Interbasin Transfer

Duck River Watershed



Maury County Water System ARAP

- Pre-application meetings
- ARAP application for water withdrawal
- Considered 12 alternatives, including:
 - Groundwater
 - Off-stream storage reservoir
 - Purchase from 4 neighboring water systems
- Draft ARAP for up to 3 MGD on PN fall 2023
 - Draft ARAP prohibited water withdrawal when flow < 100 cfs
 - TDEC required back-up water source
 - Significant public comment citing available water supply alternatives
- No further TDEC permit action on MCWS water withdrawal request

Interbasin Transfer Opportunity

- MCWS saw opportunity to purchase from HB&TS water system in Williamson Co
- HB&TS purchases treated, fluoridated water from HVUD in Davidson Co
- HVUD has ARAP for 82 MGD water withdrawal from Cumberland River
- Initial design was for single 16" transmission main for up to 2 MGD
 - Tie-in located at SR431 & I-65
 - Transmission main S through Williamson Co to Maury Co
- MCWS awarded \$7.76M ARP grant for this project
- Total project cost reported ~\$14M

Interbasin Transfer Permitting

- TDEC Interbasin Transfer permit required for water transfer out of a major river basin for the benefit of (or to supply) a public water system
- TDEC issued Interbasin Transfer Permit to MCWS in 2023
- Later opportunity to expand to 24" DIP for up to 3 MGD
- TDEC modified Interbasin Transfer Permit to 3 MGD in January 2026

The “Little” Pipeline from the Cumberland

- TDEC was asked about additional purchase from HVUD/HB&TS as alternative for CPWS
- TDEC met with HVUD, HB&TS, MCWS in January 2026
- HVUD does not currently have the permit, intake, or treatment capacity to sell more to MCWS via HB&TS than 3 MGD

