



Department of
**Environment &
Conservation**

TDEC Update

TDEC Rules Drive Water System Planning

Rule 0440-45-01-.05(10)

System Capacity - Whenever a public water system reaches eighty (80) percent of the design capacity based on average day usage, the supplier of water shall immediately obtain the services of a competent engineer to prepare plan documents for expansion of said system.



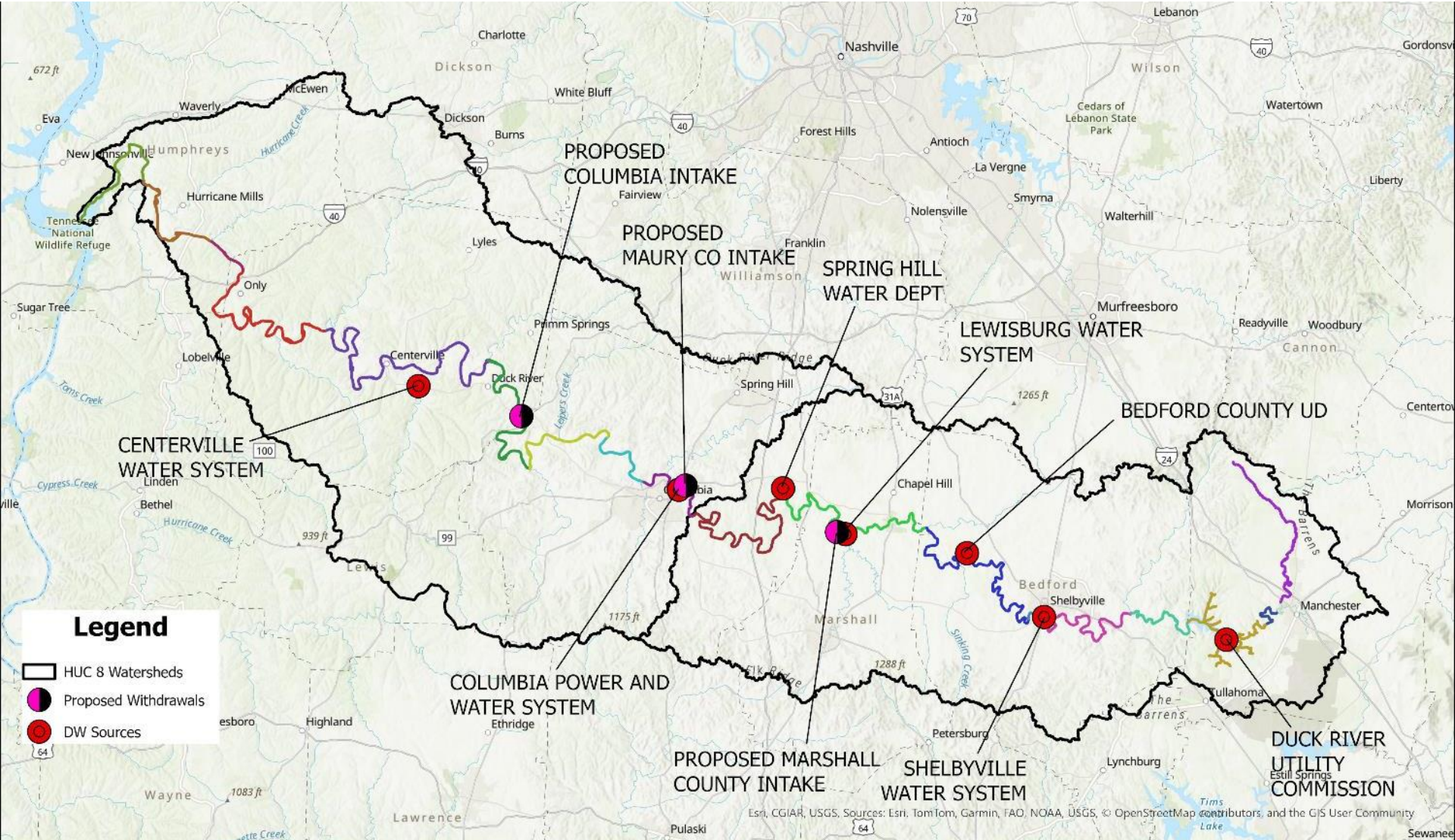
Water Withdrawal Permitting

State requires Aquatic Resources Alteration Permit (ARAP)

- Tennessee Rule 0400-40-07-.01 (3) requires a permit for any activity that results in the alteration of waters of the state, including water withdrawals.
- ARAP serves as §401 Water Quality Certification, needed for federal permitting
- Tennessee Rule 0400-40-07-.02 (4) *Existing water withdrawals on July 25, 2000, which do not adversely alter or affect the classified use of the source stream are not subject to these requirements.*



Duck River Watershed



Current Status of ARAPs

Duck River Utility Commission

- Permit issued on March 15, 2024
- Appealed by third parties
- Settlement in January 2025
- Revised draft permit on public notice on April 16, 2025
- Final permit issued in May

Bedford County Utility Commission

- Permit issued on March 15, 2024
- Appealed by third parties
- Settlement in January 2025
- Revised draft permit on public notice in March 2025
- Final permit issued in May

Current Status of ARAPs

Marshall County Board of Public Utilities

- Permit issued on August 6, 2021
- Appealed by MCBPU and DRA; cases consolidated
- TWF and TNC granted intervention
- Settlement reached in February 2022
- Revised permit issued May 3, 2022

Current Status of ARAPs

Shelbyville Power, Water, & Sewerage Systems

- Draft permit fall 2023
- Public hearing October 30, 2023
- Requested increased volume from 8.35 MGD – 10 MGD
- Draft permit on public notice Dec. 17, 2024
- Public hearing on March 18, 2025 at HHSP
- Currently evaluating comments
- Next step is Notice of Determination for public comment

Current Status of ARAPs

Lewisburg Water System

- Draft permit fall 2023
- Public hearing October 30, 2023
- Requested increased volume from 4.58 MGD – 6 MGD
- Draft permit on public notice Dec. 17, 2024
- Public hearing on March 18, 2025 at HHSP
- Currently evaluating comments
- Notice of Determination for public comment July 15, 2025

Current Status of ARAPs

Spring Hill Water System

- Draft permit fall 2023
- Public hearing October 30, 2023
- Received public comments
- Notice of Determination for public comment June 3, 2025
- Next step is to issue permit

Current Status of ARAPs

Maury County Water System

- Draft permit fall 2023
- Public hearing October 30, 2023
- Many public comments

Current Status of ARAPs

Columbia Power and Water Systems

- Permit issued on June 24, 2019 for existing intake
- Permit including additional intake with floating rate/volume limit of 32 MGD issued on March 15, 2024
- Appealed by multiple third parties
- CPWS intervened
- Settlement reached January 24, 2025
- Revised draft permit on public notice in March 2025
- Recently evaluated comments*
- Final permit issued in May

*USFWS Biological Opinion issued March 14, 2025

Interbasin Transfer

Interbasin Transfers are regulated in Tennessee

- Currently 27 Interbasin Transfer Permits statewide
- 3 of these involve the Duck River Watershed
- Duck River Utility District
 - Up to 0.09 MGD from the Tennessee Western Valley River Basin to the Upper Cumberland River Basin
- Marshall County Board of Public Utilities
 - Up to 0.216 MGD from Lower Cumberland to Duck
- Maury County Water Systems
 - Up to 2 MGD from the Cumberland River Basin to the Duck River Basin to serve the eastern part of Maury County beginning in 2025.

Spring Hill Wastewater

Enforcement of NPDES permit conditions

- Spring Hill reported 29 violations of permitted effluent limits
- TDEC issued an Enforcement Consent Order
- Spring Hill agreed to moratorium on sewer connections for projects that do not have vested sewer rights
- Spring Hill is working on Corrective Action Plan to remedy violations



Water Infrastructure Funding



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🏠 Program Areas ▾ Permitting ▾ Public Participation About ▾ Contact ▾ Calendar of Events American Rescue Plan (ARP) TDEC News

State Revolving Fund Program

State Revolving Fund Program

Funding Announcements



News

News and Notices

State Water Infrastructure Grants (SWIG) Program

Tennessee's SWIG Program is designed to provide financial assistance to local governments, water districts, utilities, and other eligible entities for the planning, design, construction, and rehabilitation of water infrastructure. The program serves as a funding mechanism to support various projects aimed at enhancing the quality, reliability, and sustainability of water-related systems and facilities.

To access the program's funds, interested parties typically undergo an application and selection process. The applications are evaluated based on predefined criteria that assess the project's feasibility, impact, cost-effectiveness, and alignment with the program's objectives. Successful applicants receive financial support in the form of grants, which can cover a significant portion of the project's total cost.

SWIG routinely announces grant opportunities throughout the year. Below are links to information on our grants, requirements, and solicitation dates.



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American Rescue Plan Awards

- Duck River Utility District
- Tullahoma
- Manchester
- Bedford County
- Shelbyville
- Lewisburg
- Marshall County
- Maury County
- Spring Hill
- Columbia
- Centerville

American Rescue Plan Grants

**Total of \$41,783,183 granted to water utilities
in Duck River Watershed**