



TENNESSEE DUCK RIVER DEVELOPMENT AGENCY

Comprehensive Regional Water Supply Plan

EXTENSIVE PUBLIC INVOLVEMENT

The Comprehensive Regional Water Supply Plan is being conducted using a uniquely open process, with extensive opportunities for input from the public, elected officials, and governmental agencies through the use of public workshops and informational meetings, routine updates via our website, agency briefings and press coverage. The DRA is conducting six public workshops and nine public meetings to obtain input from the public. Among the many stakeholders are the public water systems, represented by the Duck River Agency Technical Advisory Committee (DRATAC), and the DRA's Water Resources Council, which includes over 25 governmental and non-governmental organizations.

WHAT ARE THE NEXT STEPS?

DRA is accepting input on the draft Needs Assessment at the public meetings scheduled in late September 2009. Comments can also be sent to Doug Murphy (see contact information on back of brochure).

In the near term, the Strategic Planning Team will:

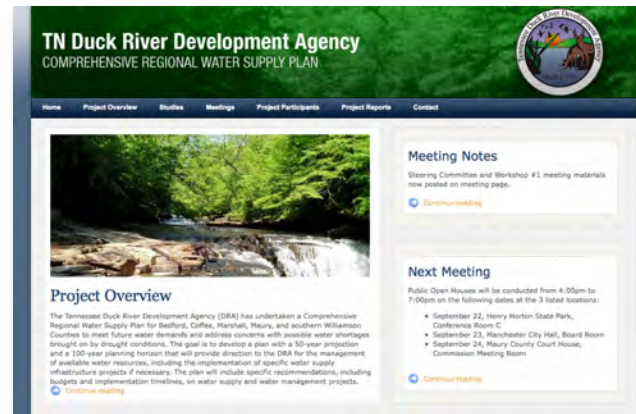
- Refine the Needs Assessment
- Develop alternatives that address the water supply needs
- Plan for Workshop No. 3, where the draft list of alternatives will be discussed

The Duck River Agency is moving forward aggressively to complete the Comprehensive Regional Water Supply Plan by the summer of 2010.

MORE INFORMATION

For information on the Study Approach, a listing of Stakeholder agencies, workshop materials and more, please visit the project website at:

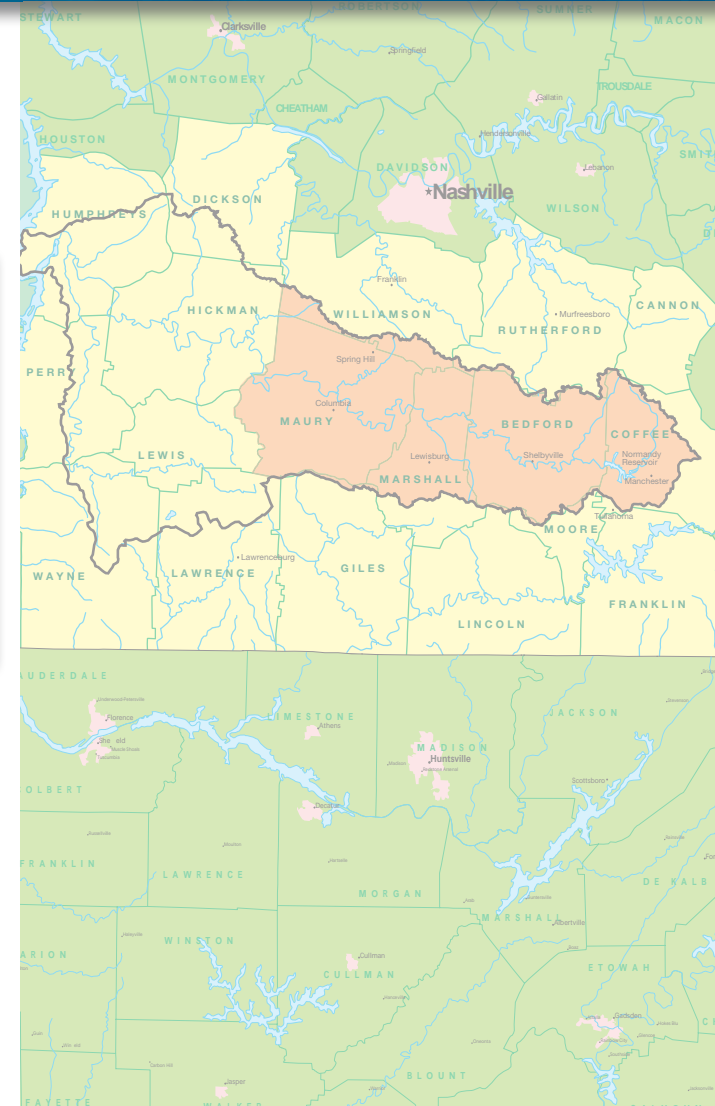
www.duckriveragency.org



For more information, please call or e-mail:

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INTRODUCTION

The Tennessee Duck River Development Agency (DRA) has undertaken a Comprehensive Regional Water Supply Plan for Bedford, Coffee, Marshall, Maury, and southern Williamson counties to meet future water demands and address concerns with possible water shortages brought on by drought conditions. The goal is to develop a plan with a 50-year projection and a 100-year planning horizon that will provide direction to the DRA for the management of available water resources, including the implementation of specific water supply infrastructure projects if necessary. The plan will include specific recommendations, including budgets and implementation timelines, for water supply and water management projects.

The Tennessee General Assembly created the DRA in 1965 as a comprehensive regional development agency. Its broad powers include the “control and development of the water resources” of those portions of the Duck River Watershed lying in Bedford, Coffee, Hickman, Marshall and Maury Counties. Any county or municipality in the Duck River Basin or any governmental entity from which flows any tributary stream of the river, or any county adjoining the river basin may become a sponsoring and participating entity.

In 1998, the DRA Board of Directors adopted the following mission statement:

“To develop, protect, and sustain a clean and dependable water resource for all citizens of the Duck River region.”

The DRA represents seven water utilities that serve approximately 250,000 people and industries that include car manufacturers, food processing plants, and other businesses utilizing water for production. In addition to these uses, the river provides a wide range of other values including recreation, an excellent fishery and some of the most biologically rich freshwater habitat in North America.



The drought of 2007 highlighted the issue that in extended dry weather conditions the citizens of the Duck River Region primarily depend on the water stored in Normandy Reservoir to meet multiple uses, including drinking water, wastewater dilution, recreation, and natural resource protection. The dramatic decrease in rainfall, combined with the multiple uses of the reservoir and the river, caused record low water levels in Normandy that resulted in temporary dam operational changes to protect all water uses. Weather patterns and growth projections have created the need for a comprehensive regional water supply plan for the Duck River Region.

STRATEGIC PLANNING TEAM

DRA has assembled a Strategic Planning Team to develop a Comprehensive Regional Water Supply Plan. The Team consists of O’Brien & Gere (Prime Consultant), CTI Engineers, Inc. (Sub-consultant), HydroLogics (Hydrologic Modeling), BDY Environmental, LLC (Environmental), and Trauger & Tuke (Legal). The Plan will provide direction to the DRA regarding the management of available water resources, including the implementation of specific water supply infrastructure projects if necessary.

NEEDS ASSESSMENT

The first step in the Comprehensive Regional Water Supply Plan is the assessment of the need for additional water supply. The draft Needs Assessment combines an evaluation of the available supply from Normandy Reservoir and the Duck River, with a projection of water demands for domestic, commercial, industrial, and agricultural purposes. The OASIS computer model is being used to examine the operations of Normandy Dam and the hydrology of the Duck River to help gain a better understanding of how we can satisfy the future need for public water supply while meeting the instream river flows necessary for wastewater dilution, recreation and natural resource protection. Water demands are being projected using studies by United States Geological Survey (USGS), and population projections developed by the University of Tennessee Center for Business and Economic Research (CBER).