



## Legislation Text

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File #: 22-1423, Version: 1

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**STRATEGIC PRIORITY:** Transportation & Infrastructure  
**AGENDA DATE:** August 10, 2022  
**COUNCIL DISTRICT(S):** All  
**DEPARTMENT:** Water Utilities Department  
**EXECUTIVE:** Kimberly Bizer Tolbert

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### **SUBJECT**

Authorize **(1)** an Interlocal Agreement between Dallas, North Texas Municipal Water (NTMWD) and Tarrant Regional Water District (TRWD) to jointly evaluate the feasibility, reliability, and resiliency of optimizing existing water supply and raw water transmission infrastructure to meet municipal and industrial water supply demands in the North Central Texas region in an estimated study cost of \$1,200,000.00; **(2)** the receipt and deposit of funds from NTMWD in an amount not to exceed \$400,000.00 in the Water Construction Fund; **(3)** the receipt and deposit of funds from TRWD in an amount not to exceed \$400,000.00 in the Water Construction Fund; **(4)** an increase in appropriations in an amount not to exceed \$800,000.00 in the Water Construction Fund; and **(5)** execution of the Interlocal Agreement and all terms, conditions and documents required by the agreement - Estimated Revenue: Water Construction Fund \$800,000.00 (see Fiscal Information)

### **BACKGROUND**

The City of Dallas (Dallas) and the North Central Texas region are experiencing rapid business and population growth with accompanying increased demands for municipal and industrial water supplies. Dallas' Long Range Water Supply Plan (LRWSP) since the drought of the 1950's has guided Dallas to develop a geographically, hydrologically, climatically, and geologically diverse water supply system.

North Texas Municipal Water (NTMWD) and Tarrant Regional Water District (TRWD) have also developed diverse water supply systems to meet the needs of their respective service areas. Although, Dallas, NTMWD, and TRWD service areas are adjacent the water supply and raw water transmission systems are not interconnected and are operated independently, with very few exceptions, (i.e., the Integrated Pipeline with TRWD and the exchange of reuse with NTMWD).

Due to the unique geographical, hydrological, climatic, and geological characteristics of the Dallas', NTMWD's and TRWD's water supplies, joint system operation has the potential to generate additional water supply for the region.

The proposed study will evaluate joint operation of the water supply system for yield optimization and to identify opportunities, within the water supply system and associated raw water transmission infrastructure, to take advantage of the identified increased yields.

**PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)**

This item has no prior action.

**FISCAL INFORMATION**

Estimated Revenue: Water Construction Fund \$800,000.00

Future cost includes \$400,000.00 for Dallas' portion of the joint water supply optimization study with NTMWD and TRWD.