

MEMORANDUM

TO: Claire Powell, City Manager

VIA: Keith Marvin, P.E., Director of Public Services

FROM: Kelly Rouse, Assistant Director of Public Services

DATE: February 6, 2023

SUBJECT: **Approval of an Interlocal Agreement for the Addition of Emergency Water Interconnections with the City of Coppell at MacArthur Blvd. and Lake Vista Dr. and at Denton Tap Rd. and Highland Dr.; and Authorization for the Mayor to Execute the Agreement.**

BACKGROUND

Recent events throughout the nation have led to federal and state regulatory agencies to require water systems to evaluate their capabilities in water delivery in times of stress. Congress passed America's Water Infrastructure Act in 2018 that required water systems serving populations of more than 3,300 people to complete a risk and resilience assessment and develop an emergency response plan. In 2021, following Winter Storm Uri, the Texas Senate passed Senate Bill 3, which required water systems to develop plans to ensure emergency operations of the water system in an extended power outage lasting longer than 24 hours. These requirements have led to partnerships in the provision of water services between providers in the form of emergency water interconnections. Lewisville already has two interconnections. One with the City of The Colony and the other with Dallas Water Utilities.

In 2022, the City of Coppell approached the City of Lewisville with a proposal to evaluate three water system interconnections near the SRT 121 mutual city boundary. Consultants performed evaluations for both current and future build-out demands at the proposed sites. After modeling the three locations, one location was deemed not viable and removed. The remaining proposed interconnects are located near MacArthur Blvd. and Lake Vista Dr., and Denton Tap Rd. and Highland Dr.

ANALYSIS

Approval of this agreement will allow Lewisville and Coppell to move forward with the addition of these two emergency water interconnections. The City of Coppell, having title to the vaults, will be responsible for the design, construction, and periodic maintenance costs of the interconnects. Lewisville will have access to the vaults for routine inspection purposes.

Water supply using these interconnects will only be used on an emergency basis, so as not to cause interference with the supplying party's own water system. In the event of an emergency,

Subject: Interlocal Agreement with City of Coppell
February 6, 2023
Page 2

proper notifications will be sent out and both parties will be present when the meters need to be set before opening the connections. Dallas Water Utilities, as the water purveyor of both municipalities, has been notified of the effort and are in support.

Construction could move forward as early as the summer of 2023 with completion by the end of fall. Lewisville will coordinate all tie-ins as necessary.

CITY STAFF'S RECOMMENDATION

That the City Council approve the agreement and authorize the Mayor to execute the agreement as set forth in the caption above.