

Project Name:

Water Infrastructure Improvements

Recipient:

Midwest City, Oklahoma

Address:

1609 Felix Place

Midwest City, OK 73110

Amount Requested:

\$5,000,000

Project Explanation:

This Community Project Funding supports improvements to water related infrastructure to the 58,000 and growing community of Midwest City in providing operational efficiency and providing citizens with a resilient and sustainable water supply. The City's main water supply is treated surface water from Lake Thunderbird, while the groundwater supply infrastructure provides a drought-resilient supplemental supply. The potential exists for an interruption of production due to issues with Lake Thunderbird raw water quality, intake and/or transmission challenges from the 19 miles of raw water pipeline. Recent residential growth has also revealed a strain on the water system and the need for additional water storage on the east side of the city. With this funding, the City of Midwest City can continue construction of a new above ground storage tank and a new booster pump station to replace aging facilities serving an older developed area of the city.

The existing Booster Pump Station facilities, consisting of two below ground clearwells, are filled by water from a deep well field and high service pumps convey the water into the main distribution network. More than fifteen years ago, a portion of the west clearwell roof collapsed into the clearwell requiring it to be taken out of service. Originally constructed during the late 1940s, the remaining infrastructure is still operational, but has far exceeded its useful lifespan and needs replacement. The existing system when in optimum condition, utilized water stored in two clearwells to help maintain system pressures in the main distribution system network. The marginal operating system did not work at capacity, existing limitations only allow for adding water capacity/pressure to the system during peak times of usage. Both clearwells, high service pumps, and supporting infrastructure need extensive rehabilitation or replacement due to declining structural integrity. The upgrade will sustain maximum daily water consumption and the recommended water pressure for fire protection in the area, serving to retain Midwest City's Insurance Standard Office (ISO) Fire Protection Rating of 1. The second phase needed to complete the project will entail the construction of the second storage tank to replace the second clearwell, tank mixer, site improvements, yard piping and control devices, and associated infrastructure.

By addressing needed improvements, the city will provide the utmost resiliency to its critical water infrastructure, providing a redundant and reliable water supply in cases of emergency, including natural hazards or malevolent acts, while also providing flexibility with operations and maintenance.

TOM COLE

4TH DISTRICT, OKLAHOMA

DEPUTY WHIP

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House of Representatives

PLEASE REPLY TO:

- 2207 RAYBURN HOUSE OFFICE BUILDING
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- 711 SW D AVENUE
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(580) 357-2131
- SUGG CLINIC OFFICE BUILDING
100 EAST 13TH STREET, SUITE 213
ADA, OK 74820
(580) 436-5375

May 24, 2021

Dear Chair DeLauro and Ranking Member Granger:

I am requesting funding for Power Booster Station and a second clear well in fiscal year 2022. The entity to receive funding for this project is the United States Army Corps of Engineers, Tulsa District, located at 2488 E 81st Street, Tulsa, OK 74137. The funding would be used for renovating the booster pump station and constructing a second water storage tank.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

A handwritten signature in blue ink that reads "Tom Cole".

TOM COLE
Member of Congress