



City of Pflugerville

Legislation Text

File #: 2021-1290, Version: 1

Discussion regarding the Pflugerville Colorado River Water Supply Analysis and future water supply options.

The purpose of this presentation is to provide a summary overview of the results from the Preliminary Engineering Report completed for the Pflugerville Colorado River Water Supply Analysis.

In conjunction with the City's planned Water Treatment Plant Expansion project that is currently under design, the City has also evaluated water supply alternatives to support the future of Pflugerville. The City retained Garver to provide Owner's Representative services as the Owner's agent and liaison between the Design Consultants, Construction Contractors, Texas Commission on Environmental Quality (TCEQ), Texas Water Development Board (TWDB), and other stakeholders for the Pflugerville Water Treatment Plant Facility Expansion Project and water supply evaluation. The City is growing rapidly and needs to ensure adequate water supply for its customers within the next five to ten years as well as prepare for expansive future growth by full buildout.

The permanent water supply option to expand the City's existing pump station and raw water pipeline that conveys water from the Colorado River to Lake Pflugerville was selected as the initial option to expand water supply for Pflugerville given the City's ability to deliver the project within the projected time period and to add redundancy and resiliency to the City's existing water supply. This PER focused on an analysis of the feasibility of constructing this project in the near-term. Other water supply options defined in the Water Supply Evaluation, such as the HB 1437 Interbasin Transfer and Round Rock Emergency Interconnect projects, are still under evaluation with the relevant stakeholders, and will be further evaluated under a separate Supplemental Agreement at a later date, once details are better-defined. A Memorandum of Intent Related to the Provision of Treated Wastewater Effluent From the Brazos River Basin to the City of Pflugerville, Texas between the City of Pflugerville, the City of Round Rock, the Brazos River Authority, and the Lower Colorado River Authority (LCRA) is on the agenda this evening for City Council to consider.

In addition, City staff, legal Counsel and Garver have been coordinating with the LCRA to work through what is needed to secure an additional 12,000 acre-feet of raw water to supplement our current 12,000 acre-feet for a total of 24,000 acre-feet per year of raw water supply from the Lower Colorado River basin by 2024. An application for the additional water supply has been submitted to LCRA.

Prior City Council Action

On March 10, 2020, City Council approved a professional services agreement with Garver in the amount of \$199,820 to provide owner representative services associated with the Surface Water Treatment Plant Expansion Project including an evaluation of water supply alternatives.

On July 28, 2020, City Council received a presentation during the worksession regarding the Water

Treatment Plant Expansion Alternatives Analysis including water supply alternatives.

On August 25, 2020, City Council approved a professional services supplemental agreement with Garver in the amount of \$1,220,657.00 to provide owner representative services associated with the Surface Water Treatment Plant Expansion Project which included water rights acquisition support.

On January 26, 2021, City Council approved the engagement of McCarthy & McCarthy LLP as Special Counsel for the City for the purpose of assisting staff with permits, contracts and negotiations related to obtaining additional water rights to support the future growth of Pflugerville.

On April 27, 2021, City Council approved a professional services supplemental agreement with Garver, the City's owner representative associated with the Surface Water Treatment Plant Expansion Project, in the amount of \$311,132 for professional engineering services related to an evaluation of future water supply alternatives.

On May 27, 2021, City Council received a presentation regarding the City of Pflugerville's future water supply options.

Deadline for City Council Action

No action to be taken.

Funding Expected: Revenue Expenditure N/A

Budgeted Item: Yes No N/A

Amount: _____

1295 Form Required? Yes No

Legal Review Required: N/A Required Date Completed: _____

Recommended Action

This item is for discussion only. No action will be taken.