



Legislation Details (With Text)

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Title: Resolution - A Resolution Authorizing an Engineering Services Agreement with Plummer Associates, Inc. to Identify Possible Sites for a Future Water Treatment Plant

Sponsors: Alex Whiteway

Indexes:

Code sections:

Attachments: 1. Resolution, 2. Mansfield Future Water Treatment Plant Site Selection Plummer Agreement

Date	Ver.	Action By	Action	Result
6/14/2021	1	City Council	Approved	Pass

Resolution - A Resolution Authorizing an Engineering Services Agreement with Plummer Associates, Inc. to Identify Possible Sites for a Future Water Treatment Plant

The authorization of funds in the amount of sixty-five thousand nine hundred eighteen dollars (\$65,918.00) and approval of a contract with Plummer Associates, Inc. to identify sites for a future water treatment plant.

Staff recommends approval.

The Bud Ervin Water Treatment Plant has a max capacity of 45 million gallons per day (MGD). A final expansion will increase production to 60 MGD. The Water Utilities Department is preparing for the future demand based on the current and projected population growth for the City. Priorities to accomplish this expansion include the acquisition of land which will be the site of the future water treatment plant, as well as the potential for wholesale water supply opportunities. The 2019 Water and Wastewater Master Plan as adopted by the Council has identified the southern portion of Mansfield as the most viable area of town in which to locate the new water treatment plant, as this region is closer to the Integrated Pipeline (IPL) and wholesale customers.

Plummer will consult the City through a scoring of each site based on the following criteria: elevation of property, distance to raw water piping, water distribution connections, sanitary sewer connections, flood plains, soil, and Geotech information. They will also evaluate if a dual power feed will be available.

Utility Operations Fund

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