

**CITY OF JOPLIN
COUNCIL AGENDA ITEM**

ITEM

Council Bill 2020-134 Work Authorization for Professional Engineering Consulting Services associated with Turkey Creek Wastewater Treatment Facility Trickling Filter Media Replacement

MEETING DATE

May 18, 2020

ORIGINATING DEPT

Public Works/ Operations

ATTACHMENTS

Photo; CB 2020-134 Ordinance; Work Authorization AMA-0C20-010

REVIEWED BY

Director of Public Works – David Hertzberg, Director of Finance – Leslie Haase, City Attorney – Peter C. Edwards, City Manager – Nicholas Edwards

SUMMARY

This Council Bill approves a work authorization with Allgeier, Martin and Associates, Inc. (AMA), for Professional Engineering Consulting Services associated with Turkey Creek Wastewater Treatment Facility Filter Media Replacement in the not to exceed amount of Seventy Thousand and 00/100 Dollars (\$70,000.00)

BACKGROUND

The Turkey Creek Wastewater Treatment Facility was built in 1985. The facility utilizes four Trickling Filter Towers with corrugated plastic media for biological treatment of the wastewater. The media has now been in service for 35-years. The plastic media typically has a design life of 20- to 30-years, which is evident from the failure of similar media in one of the trickling filters towers at the Shoal Creek Wastewater Treatment Plant in 2017. Because of its age, the Turkey Creek WWTP trickling filter media needs to be replaced with new media as soon as possible. AMA was selected as the most qualified on-call consultant because of their involvement with the Shoal Creek Plant Expansion and the Wastewater Facilities Plan.

FUNDING SOURCE

These payments are included in the FY 2019-20 budget of the Sanitary Sewer fund.

RECOMMENDATION

Staff recommends adoption of this Council Bill, approving a work authorization on an Emergency basis due to public health concerns associated with sanitary sewer overflows, and so that this project can be “shovel ready” if federal stimulus funds become available; furthermore, being an ordinance relating to a public improvement, it is an emergency within the meaning of Section 2.12(6) of the HOME RULE CHARTER of the City of Joplin, Missouri and the Council hereby declares that this ordinance shall be in full force and effect from and after its passage.