City of **JOPLIN** City Council Agenda Item

Requested Council Meeting Date: June 5, 2017
Council Bill No. 2017-141

Item: Work Authorization with Allgeier, Martin & Associates Inc., for Engineering Construction Management Services Associated with the Removal and Replacement of media of the Trickling Filters at the Shoal Creek Treatment Plant.

Originating Department: Public Works – Operations

Attachments: 1) Work Authorization (OC-005)
2) Council Bill No. 2017-141

Department Head:	David Hertzberg
Finance Department:	Leslie Haase
City Attorney:	Peter C. Edwards
City Manager:	Samuel L. Anselm

Recommended Action: Approval of a Work Authorization with Allgeier, Martin & Associates Inc. in the not to exceed amount of $68,976.00 for engineering construction and management phase services associated with the Trickling Filter at the Shoal Creek Wastewater Treatment Facility.

Background: Part of the treatment process at the Shoal Creek Wastewater Treatment Plant are the Trickling Filters. These are large uncovered towers that utilize media to remove solids and Bio-Chemical Oxygen Demand (BOD) during the treatment process. The media collapsed in the north Trickling filter tower after being in service since 1985. The plant currently has the south Trickling Filter tower in use that had media replaced in 1997. The life expectancy of this type of equipment is 20 -30 years; this type of equipment/media has to be periodically replaced to ensure proper wastewater treatment and removal of solids and BOD.

Discussion: The firm of Allgeier, Martin & Associates was selected to provide the professional engineering services of design and bidding to accomplish this emergency maintenance project. Council approved Work Authorization AMA-OC-03 February 21, 2016. This is an amended agreement to include the engineering construction phase services to the scope of work that will provide for the removal and replacement of the media for the north tower. This work will be funded from the Sanitary Sewer Fund and is an emergency.

Recommendation: City staff recommends approval of Work Authorization with Allgeier Martin & Associates Inc. for the not to exceed amount of $68,976.00 associated with Engineering Construction and Management Phase Services for the Trickling Filter at the Shoal Creek Wastewater Treatment Facility be approved on an emergency basis per Section 2.12 (6) of the Joplin City Charter.