


COUNCIL COMMUNICATION

	Number:	20-011	Meeting:	January 13, 2020
	Agenda Item:	45	Roll Call:	20-0078
	Submitted by:	Jonathan A. Gano, P.E., Public Works Director		

AGENDA HEADING:

\$20,000 funding to Polk Soil & Water Conservation District to support water quality monitoring in Fourmile Creek and Walnut Creek watersheds.

SYNOPSIS:

Recommend one-time approval to provide funds, in an amount not to exceed \$20,000, to Polk Soil & Water Conservation District to support a 3-year study underway with Drake University to provide water quality information, which will help assess the impacts of watershed management activities in both the Fourmile Creek and Walnut Creek watersheds.

FISCAL IMPACT:

Amount: \$20,000

Funding Source: 2019-20 Operating Budget - Stormwater Utility Management E301 PW248423, page 229

ADDITIONAL INFORMATION:

- This water quality monitoring study was recommended by both the Fourmile Creek and Walnut Creek Watershed Management Authorities (WMAs), both of which the City is a member.
- The total estimated cost of the 3-year study is approximately \$200,000. The remainder of the funds are being provided by contributions from other members of the WMAs, as well as Des Moines Waterworks.
- The WMAs will be provided with the complete dataset of:
 - All physical, chemical, and biological measurements
 - An analysis of the effectiveness of management actions to improve water quality parameters
 - A description of the factors that most strongly influence stream health across the three (3) distinct land uses in the Fourmile Creek and Walnut Creek watersheds

PREVIOUS COUNCIL ACTION(S):

Date: April 20, 2015

Roll Call Number: [15-0702](#)

Action: [Intergovernmental](#) 28E Agreement with various entities for the Walnut Creek Watershed Management Authority. ([Council Communication No. 15-205](#)) Moved by Hensley to adopt; refer to the City Manager to compare the 28E for Walnut Creek Watershed Management Authority to the 28E Agreement for the Four Mile Watershed Management Authority regarding the ability to have an association administer and raise funds to support the improvements and for possible amendment to the 28E for Four Mile. Motion Carried 7-0.

Date: August 27, 2012

Roll Call Number: [12-1381](#)

Action: [Intergovernmental](#) 28E Agreement with various entities to create the Fourmile Creek Watershed Management Authority. ([Council Communication No. 12-455](#)) Moved by Mahaffey to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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