

**COUNCIL ACTION FORM**

**SUBJECT: 2017/18 CLEAR WATER DIVERSION PROGRAM**

**BACKGROUND:**

Clear water from footing drains causes overloading and backups in the sanitary sewer as well as increases in the volume of clean water that is treated at the sewage treatment facility. The Clear Water Diversion program involves diverting footing drain discharge from sanitary sewers to storm sewers. This diversion results in lower volumes of clean water needing treatment at the sewage treatment facility, thereby decreasing operating and maintenance costs of that facility. In addition, the program addresses locations where sump pump water discharges directly over the back of curb since no storm sewer exists in the area. In winter conditions, these sump pump discharges can cause ice build-up in the curb and gutter. The 2017/18 program addresses these types of situations.

**The locations for the 2017/2018 Clear Water Diversion Program include: Duff Avenue (O'Neil Dr. to 20<sup>th</sup> St), O'Neil Dr. (Douglas to Duff) and Douglas Avenue (O'Neil Dr. to 20<sup>th</sup> St).** Building Inspections staff have been working with the owner of these rental properties for quite some time to remove their discharge from the sanitary sewer system. Currently, no storm sewer system connections exist in this area. Therefore, this Clear Water Diversion project has been designed to remove the clean water from the sanitary sewer system while also preventing issues related to sump pump discharge over the back of curb.

Staff has completed plans and specifications with estimated construction costs in the amount of \$128,000. Funding and expenses for the project are summarized below:

<b>Funding Source</b>	<b>Available Revenue</b>	<b>Estimated Expenses</b>
17-'18 Clear Water Diversion Program	\$ 25,000.00	
17-'18 San. Sewer Rehab Program (Sewer Fund)	\$ 125,000.00	
Engineer's Estimate of Construction		\$ 128,000.00
Engineering & Administration		\$ 19,200.00
	\$ 150,000.00	\$ 147,200.00

**ALTERNATIVES:**

1. Approve the 2017/18 Clear Water Diversion Program by establishing March 21, 2018, as the date of letting and March 27, 2018, as the date for report of bids.
2. Reject the Project

**MANAGER'S RECOMMENDED ACTION:**

This project will help to reduce clean water discharges to the sanitary sewer system, thus reducing unnecessary flow in the sewer system and unneeded treatment at the Water Pollution Control facility. Therefore, it is the recommendation of the City Manager that the City Council approve the Alternative No. 1, as noted above.