

COUNCIL ACTION FORM

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

BACKGROUND:

Clear water from footing drains causes overloading and backups in the sanitary sewer system, they also increase the volume of clean water that must be treated at the Water Pollution Control facility. The Clear Water Diversion program involves diverting footing drain discharge from sanitary sewers into storm sewers. This diversion results in lower volumes of clean water needing treatment at the WPC 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 where no storm sewer exists in the area. In winter conditions, those sump pump discharges can cause ice build-up in the curb and gutter. The 2015/16 program addresses these types of situations.

The **locations** for the 2017/2018 Clear Water Diversion Program include **Duff Avenue** (O'Neil Dr. to 20th St), **O'Neil Drive** (Douglas to Duff) and **Douglas Avenue** (O'Neil Dr. to 20th St).

On March 21, 2018 bids for this project were received as follows:

Engineer's Estimate	\$ 128,000.00
Ames Trenching	\$ 79,850.00
Keller Excavating	\$ 106,010.00
Jet Drain	\$ 109,730.20

Estimated costs and approved funding for the project are summarized below:

Funding Source	Available Revenue	Estimated Expenses
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		\$ 79,850.00
Engineering & Administration		\$ 19,962.00
	\$ 150,000.00	\$ 99,812.00

ALTERNATIVES:

1. a. Accept the report of bids for the 2017/2018 Clear Water Diversion Program.
- b. Approve the final plans and specifications for this project.

c. Award the 2017/2018 Clear Water Diversion Program) to Ames Trenching & Excavating of Ames, Iowa in the amount of \$79,850.00.

2. Do not proceed with the project at this time.

MANAGER'S RECOMMENDED ACTION:

By awarding this project, it will be possible reduce clean water discharges into the sanitary sewer system. This will reduce treatment costs at the WPC facility and is intended to have a mitigating effect on local back-ups and discharge issues.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.