

**COUNCIL ACTION FORM**

**SUBJECT: WATER POLLUTION CONTROL FACILITY LAUNDER COVERS**

**BACKGROUND:**

The Water Pollution Control Facility has two final clarifiers. During normal operation these two units are the last treatment step before ultraviolet disinfection. The treated water leaving the clarifiers is so clear that algae grow on the launders (the overflow rings around the perimeter of the clarifiers). These long, stringy algae will break off and get caught on the ultraviolet bulbs of the disinfection system, hindering the effectiveness of the system. The algae can also cause the facility to violate its permit limit for suspended solids. Placing sunlight covers over the launders will help cut down on this problem.

Staff has prepared specifications for the purchase and installation of launder covers on the two final clarifiers. The engineer's estimate for this work is \$180,000. The FY18/19 CIP includes \$195,000 for the project.

**ALTERNATIVES:**

1. Issue preliminary approval of specifications to install launder covers on the final clarifiers at the City's Water Pollution Control Facility, and issue a notice to bidders setting August 15, 2018, as the bid due date and August 28, 2018, as the date of public hearing.
2. Do not issue preliminary approval of specifications and a notice to bidders at this time.

**MANAGER'S RECOMMENDED ACTION:**

The facility has a long track record of permit compliance. Installing the covers and preventing algal growth will help preserve the water quality being returned to the South Skunk River and continue the exemplary performance of the facility. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as described above.