



CITY MANAGER'S REPORT

AGENDA ITEM REQUEST

UTILITIES DEPARTMENT

DATE: May 6, 2016

TO: Ed Lavalley, City Manager *ED 5/9/16*

FROM: Tim Hochuli, PE, PMP, Utilities Director *TAH 5/6/16*

COUNCIL DATE: May 24, 2016

SUBJECT: Hazen and Sawyer Work Assignment No. 6
EWRf Reaeration Blower Replacement

Background:

The Eastside Water Reclamation Facility includes two centrifugal blowers that supply air to the Second Anoxic Basin as part of the treatment process. Over time, Utilities' staff has noticed a significant drop in the performance of these blowers, as well as leaks in the air piping between the blowers and reaeration basins. The existing blowers and piping are 25 years old and are reaching their useful operational life expectancy. Utilities' staff recommends replacement of these blowers and piping in order to improve the performance of this system. The proposed improvements would decrease power usage through the use of higher efficiency blowers and decreased loss of air through leaks in the existing system.

The Consultant will review the air requirements to ensure operational needs are being met, design and recommend replacement of the existing, aging blowers. The underground piping from the blowers to the basin will also be reviewed, sized accordingly and recommended for replacement. This Work Assignment includes performing all design, permitting, bidding and construction phase services.

Requested Action:

The Utilities Department requests Council's execution of Hazen and Sawyer Work Assignment No. 6, EWRf Reaeration Blower Replacement, in the amount of \$106,310.00.

City Attorney Review:

The City Attorney has reviewed this document and finds it to be acceptable.

Risk Management Review:

The Risk Manager has reviewed this document and finds no risk management objections.

Funds Availability (account number):

Based on council approval, funds are available in account number 421-1204-535.64-00.