

STAFF REPORT*CITY OF OCEANSIDE*

DATE: January 7, 2015

TO: Honorable Mayor and City Councilmembers

FROM: Water Utilities Department

SUBJECT: **PLANS AND SPECIFICATIONS FOR THE RECYCLED WATER SYSTEM PIPELINE CONVERSION & RECYCLED WATER PIPELINES PROJECT**

SYNOPSIS

Staff recommends that the City Council approve the plans and specifications for the Recycled Water System Pipeline Conversion & Recycled Water Pipelines Project to serve Center City Golf Course and El Corazon; and authorize the City Engineer to call for bids.

BACKGROUND

Water Utilities is in the process of developing recycled water throughout the City to major water users as a means for reducing potable water usage for irrigation purposes at the Center City Golf Course (Goat Hill) and El Corazon.

The entire southern California region has experienced record drought conditions in recent years resulting in the City's need to invest in alternative resources to assist in reducing the potable water demand within the City and recycled water is one such resource. The City has evaluated its use for irrigation purposes to some of the larger users within the City. It has been determined that a portion of the City's existing infrastructure can be used for incorporating the recycled water conversion.

ANALYSIS

There is an existing 10" asbestos cement pipeline that currently delivers brine from the Mission Basin Desalting Facility (MBDF) to the ocean outfall. As part of the Recycled Water System, this existing 10" brine line will be converted to a recycled water pipeline. Staff estimates as part of this recycled water conversion, the pipeline will be isolated from all other connections between San Luis Rey Water Reclamation Facility and the ocean outfall, as well as adding an additional 4,400 linear feet of new 10" pipeline to deliver recycled water to Goat Hill and El Corazon.

This recycled water pipeline conversion will provide the infrastructure required to deliver recycled water to these large water users, reducing the potable water demand. Complete operation of the Recycled Water System will require four separate projects.

Staff anticipates commencement of work in March 2015, and estimates that this first project will be completed in approximately four months.

FISCAL IMPACT

The adopted FY 14/15 budget for the El Corazon Recycled Water Project (908129900715) is \$2,000,000. There is currently \$1,960,000 available. The engineer's estimate for this first project is \$525,000. Therefore, there will be sufficient funds available. The funding source for this project is primarily Developer Fees for Water System Expansion, account 1715.4427.0001.

INSURANCE REQUIREMENTS

The City's standard insurance requirements will be met.

COMMISSION OR COMMITTEE REPORT

The Utilities Commission will receive an update at its regularly scheduled meeting on January 20, 2015.

CITY ATTORNEY'S ANALYSIS

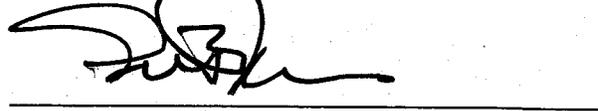
The referenced documents have been reviewed by the City Attorney and approved as to form.

RECOMMENDATION

Staff recommends that the City Council approve the plans and specifications for the Recycled Water System Pipeline Conversion & Recycled Water Pipelines Project to serve Center City Golf Course and El Corazon; and authorize the City Engineer to call for bids.

PREPARED BY:

SUBMITTED BY:



For

Jason Dafforn
Interim Water Utilities Director

Steven R. Jepsen
City Manager

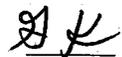
REVIEWED BY:

Michelle Skaggs Lawrence, Assistant City Manager



for

Scott Smith, City Engineer



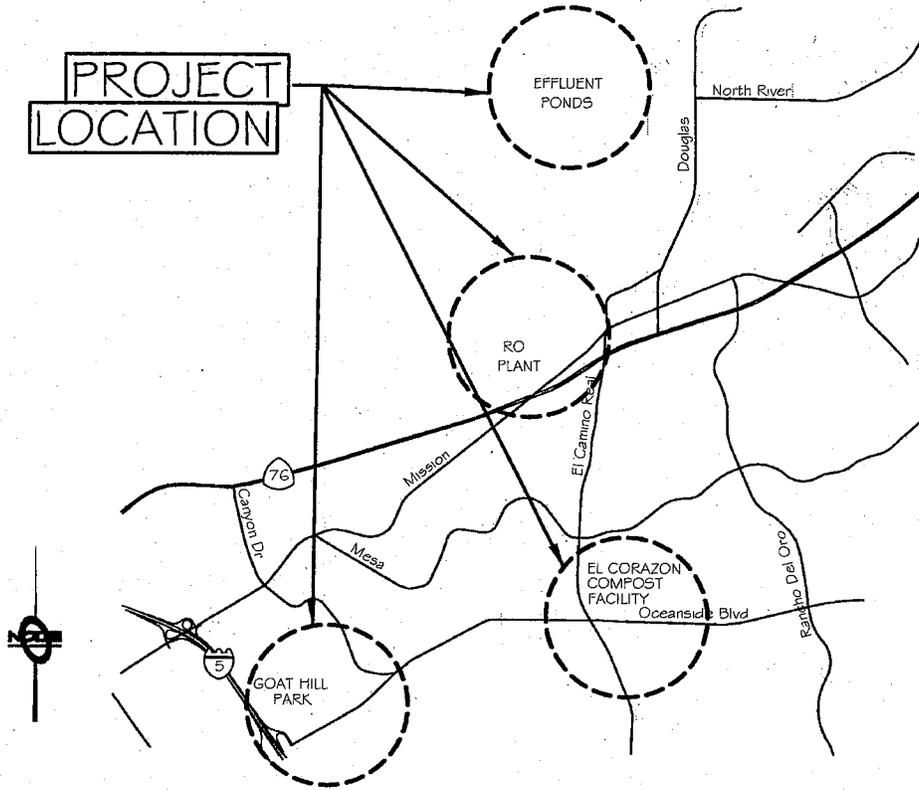
Jane M. McPherson, Interim Financial Services Director



Exhibit A: Project Location Map

EXHIBIT A

PROJECT LOCATION MAP



LOCATION MAP

NOT TO SCALE