

# STAFF REPORT

DATE: June 17, 2008

TO: Utilities Commission

FROM: Lonnie Thibodeaux, Water Utilities Director

SUBJECT: **RECOMMEND APPROVAL OF A PROFESSIONAL SERVICES AGREEMENT IN AN AMOUNT NOT TO EXCEED \$59,962 TO MERKEL AND ASSOCIATES, INC., OF SAN DIEGO FOR THE ANNUAL INSPECTION, MAINTENANCE AND HYDROGRAPHIC SURVEY OF THE OCEAN OUTFALL, AND AUTHORIZATION FOR THE CITY MANAGER TO EXECUTE THE AGREEMENT**

## **SYNOPSIS**

Staff recommends that the Utilities Commission recommend that the City Council approve a professional services agreement in an amount not to exceed \$59,962 to Merkel and Associates, Inc., of San Diego for the annual inspection, maintenance and hydrographic survey of the Ocean Outfall, and authorize the City Manager to execute the agreement.

## **BACKGROUND**

The City of Oceanside's Ocean Outfall extends from the La Salina Wastewater Treatment Plant into the Pacific Ocean. (Exhibit A) The Outfall, completed in 1975, carries effluent from the San Luis Rey Wastewater Treatment Plant, the Mission Basin Reverse Osmosis Plant, the La Salina Wastewater Treatment Plant, the Fallbrook Wastewater Treatment Plant, and Camp Pendleton United States Marine Corps Wastewater Treatment Plant. The average discharge from the ocean outfall is approximately 17.5 million gallons per day (MGD).

The 1.5-mile-long outfall is constructed of 36-inch ID steel pipe with a 1-inch-thick cement mortar interior lining and a 2.75-inch-thick cement mortar outer jacket. The ocean outfall pipe is buried in the sand as it proceeds offshore from the La Salina Wastewater Treatment Plant, emerging from the sand in approximately 20 feet of water. The pipe follows the natural slope of the seafloor to its termination about 8,000 feet from shore. Effluent is discharged through a 260-foot-long diffuser section at the end of the outfall pipe at a depth of approximately 100 feet below Mean Lower Low Water.

## **ANALYSIS**

This is an inspection of the entire outfall, kelp clearing, manhole inspection, diffuser port maintenance, documentation of interior deposits under all 24 diffuser ports, cathodic protection evaluation, photographic documentation and hydrographic survey. The work will take 5 months to complete

### Ocean Outfall Survey History:

1993 - Completed an outfall ballast project  
1996 - Completed a single-beam outfall survey  
2000 - Completed a multibeam outfall survey

In April 2008, a request for proposals was sent to three firms. One proposal and two letters declining to participate in the request for proposals were received. Merkel and Associates, Inc. proposed \$59,962 to complete this project.

## **FISCAL IMPACT**

The Ocean Outfall Inspection (722.865487) has a projected FY 2007-08 carry forward balance of \$123,194.68. There are sufficient funds available for this request.

## **COMMISSION OR COMMITTEE REPORT**

Does not apply.

## **CITY ATTORNEY'S ANALYSIS**

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

## **RECOMMENDATIONS**

Staff recommends that the Utilities Commission recommend that the City Council approve a professional services agreement in an amount not to exceed \$59,962 to Merkel and Associates, Inc., of San Diego for the annual inspection, maintenance and hydrographic Survey of the Ocean Outfall, and authorize the City Manager to execute the agreement.

PREPARED BY:

---

Greg Blakely  
Administration Manager

Exhibit A: Site Map