

**MEMORANDUM
DEPARTMENT OF FACILITY SERVICES
COUNTY OF PLACER**

To: BOARD OF SUPERVISORS

Date: AUGUST 28, 2007

From: JD JAMES DURFEE / WILL DICKINSON

Subject: PROJECT NO. 40207 – SEWER MAINTENANCE DISTRICT 1, TREATMENT PLANT DIGESTER CLEANING

ACTION REQUESTED/RECOMMENDATION: Staff recommends that your Board take the following actions with regard to Project No. 40207 – Sewer Maintenance District (SMD) 1, Treatment Plant Digester Cleaning:

1. Approve the Plans and Specifications and authorize staff to solicit bids.
2. Adopt the attached Resolution authorizing the Director of Facility Services to award and execute the resulting contract in an amount not to exceed \$250,000, upon Risk Management's and County Counsel's review and approval, and approve any required contract change orders consistent with the County Purchasing Manual and Section 20142 of the Public Contract Code.

BACKGROUND: SMD 1 serves approximately 6,000 connections and includes much of the industrial area of North Auburn. The SMD 1 wastewater treatment plant (Plant 1) is located on Joeger Road.

Solids removed during the wastewater treatment process are transferred to the Plant 1 digester. The digester uses a bacterial process to convert approximately half of the solids to methane gas, carbon dioxide and water. The remaining solids are then processed to remove excess water and hauled to a landfill for disposal. Excess solids accumulate in the digester over time, and periodically the digester needs to be taken offline and thoroughly cleaned. The digester at Plant 1 was last cleaned in 1993. The proposed project consists of cleaning the primary and secondary digesters and removing, dewatering and disposing of the excess solids.

In order to expedite completion of the digester cleaning, staff recommends that your Board approve the Plans and Specifications, authorize staff to solicit bids, and authorize the Director of Facility Services to execute the resulting construction contract.

ENVIRONMENTAL CLEARANCE: Cleaning an existing digester is considered maintenance of an existing facility, which is categorically exempt from environmental review pursuant to Section 15301(b) "Existing Facilities" of the California Environmental Quality Act Guidelines.

FISCAL IMPACT: The Engineer's Estimate is \$225,000. Staff recommends an approximate 10% contingency, bringing the total project budget to \$250,000. Funding for this project has been included in the 2007/08 Preliminary Budget for SMD 1.

ATTACHMENT: RESOLUTION

cc: COUNTY EXECUTIVE OFFICE
PROCUREMENT SERVICES

JD/WD:mb:db2

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Before the Board of Supervisors County of Placer, State of California

In the matter of: A RESOLUTION AUTHORIZING
THE DIRECTOR OF FACILITY SERVICES
TO AWARD AND EXECUTE A CONTRACT
AND APPROVE REQUIRED CHANGE ORDERS FOR THE
SEWER MAINTENANCE DISTRICT 1, TREATMENT
PLANT DIGESTER CLEANING PROJECT.

Resolution _____

The following RESOLUTION was duly passed by the Board of Supervisors of the
County of Placer at a regular meeting held _____, by the following vote
on roll call:

Ayes:

Noes:

Absent:

Signed and approved by me after its passage.

Chairman
Placer County Board of Supervisors

Attest:

Clerk of said Board

BE IT HEREBY RESOLVED by the Board of Supervisors of the County of Placer, State of California, that this Board authorizes the Director of Facility Services to award and execute a contract in an amount not-to-exceed \$250,000, upon County Counsel's review and approval, and grants the authority to execute required contract change orders consistent with the County Purchasing Manual and Section 20142 of the Public Contract Code.