

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

To: Honorable Board of Supervisors

Date: March 24, 2015

From: *MD* Mary Dietrich, Facility Services Director

By: Kevin Bell P.E., Environmental Engineering Program Manager *KRB*

Subject: Operation and Maintenance of Landfill Gas Systems at the Closed Landfill Sites

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**ACTION REQUESTED:**

1. Approve an Agreement with Stearns, Conrad and Schmidt Consulting Engineers, Inc., dba SCS Field Services for the operation and maintenance of landfill gas systems at the Meadow Vista, Loomis and Eastern Regional Landfills in the amount of \$161,390, funded by the Solid Waste Management and Eastern Regional Landfill Enterprise Funds with no net County cost.

**BACKGROUND:** State regulations establish requirements for landfill gas (LFG) migration at active and closed landfills including ongoing monitoring and reporting. In order to comply with these requirements, the County installed LFG collection and flaring systems at the Meadow Vista, Loomis and Eastern Regional Landfills when each of the three sites was closed. For the past several years, the County has contracted with SCS Field Services (SCSFS) for ongoing operation and maintenance (O&M) services at the County's closed landfill sites. SCSFS has provided a very high level of service during that time. In January 2013, the County requested proposals for O&M services at the closed landfill sites from the list of pre-qualified consulting firms. SCSFS' proposal provided the best qualified staffing at a significantly lower cost than the other firms. One year agreements for 2013 and 2014 were approved by your Board on March 26, 2013 and March 11, 2014.

Staff negotiated an Agreement with SCSFS to provide O&M services for 2015. Services provided in the Agreement include routine monthly monitoring and balancing of the gas system, emergency repairs and non-routine repairs at the three sites, and a surface emission evaluation at the Eastern Regional Landfill (ERL). Additionally, the Agreement includes one-time costs totaling \$21,815 to upgrade the aging flow metering system at the Loomis Landfill and provide construction support for the *Meadow Vista Transfer Station Improvements Project* to repair damage to landfill cover that we anticipate will occur during construction. SCSFS labor rates have not increased over the 2014 rates, and the monthly monitoring and maintenance budgets for the Loomis and Meadow Vista Landfills are the same as last year; the ERL budget is 1.6% higher. In order to move forward with the work, staff requests your Board's approval of the Agreement. Risk Management and County Counsel have reviewed and approved the Agreement, and a copy is available for review at the Clerk of the Board's Office.

**ENVIRONMENTAL CLEARANCE:** The Board of Supervisors approved Negative Declarations for the Loomis and Meadow Vista Closure Plans and issued Notices of Determination on May 9, 1996 and June 29, 1995, respectively. An Environmental Impact Report for the Closure Plan for the Eastern Regional Landfill was adopted by the Board of Supervisors, and a Notice of Determination was filed on May 17, 1994. These environmental documents addressed operation and maintenance of the LFG extraction systems. No further environmental review is necessary.

**FISCAL IMPACT:** The cost of providing services included in the Agreement is an amount not to exceed \$161,390. This is an anticipated expense and funding is included in the FY 2014-15 Budget: 0450 Solid Waste Management - \$92,855 and 0289 Eastern Regional Landfill - \$68,535. Funding is provided through garbage collection franchise fees and tipping fees collected at the Eastern Regional Material Recovery Facility and there is no net County cost.

AVAILABLE FOR REVIEW AT THE CLERK OF THE BOARD'S OFFICE: AGREEMENT

CC: COUNTY EXECUTIVE OFFICE

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