

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

To: Honorable Board of Supervisors

Date: April 7, 2015

From: ^{MD} Mary Dietrich, Facility Services Director

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

Subject: Eastern Regional Landfill Closure Expansion Project No. 4920

ACTION REQUESTED:

1. Approve the Plans and Specifications and authorize staff to solicit bids for the Eastern Regional Landfill Closure Expansion Project No. 4920, at an estimated total project cost of \$2,040,000 with no net county cost.

BACKGROUND: The Eastern Regional Landfill (ERL) is a 292-acre site, located approximately three miles south of Truckee off Highway 89 on Cabin Creek Road. Municipal solid waste was landfilled from 1973 until 1995 when the Materials Recovery Facility (MRF) and Transfer Station were constructed. Closure activities began in 1998 and final closure was approved by the California Integrated Waste Management Board and the Local Enforcement Agency (Placer County Environmental Health) in 2000. The closure included installation of a low permeable cap and a landfill gas collection control system (GCCS), including 10 landfill gas (LFG) compliance monitoring probes to detect methane gas. Methane was detected in one of the probes between the landfill and the MRF indicating that methane was migrating outside the landfill.

On September 24, 2013 your Board approved an agreement with SCS Engineers (SCS) to install LFG wells to expand the GCCS in an effort to control gas migration. During construction of the project, waste was discovered outside the footprint of the closed landfill. Staff notified the Placer County Environmental Health (LEA) and the Lahontan Regional Water Quality Control Board (Lahontan) of the discovered waste and worked with them to develop a remediation plan that resulted in a project to expand the closure cap at ERL.

On October 7, 2014 your Board approved an agreement with SCS for the design of the Eastern Regional Landfill Closure Expansion Project No. 4920 (Project). The design includes an expanded liner system over the discovered waste, a drainage system to convey storm water from the expansion area, and surface paving. SCS has completed the Project Plans and Specifications and staff intends to proceed with the Project this construction season. To initiate this process, staff recommends your Board approve the Plans and Specifications for the Project and authorize staff to solicit bids. A copy of the Project Plans and Specifications are available for review at the Department of Facility Services.

ENVIRONMENTAL CLEARANCE: An Environmental Impact Report was prepared and certified in 1994 in support of the ERL Landfill Closure Project, including the Final Post Closure Maintenance Plan (CPCP). The CPCP describes the long term maintenance of the landfill, including taking corrective actions such as repairing the cover, as needed. In addition, repair of existing facilities is Categorically Exempt from environmental review pursuant to California Environmental Quality Act Guidelines Section 15301, Existing Facilities. Section 15301(b) allows for alterations, repair, or maintenance to public facilities which do not result in an expansion of the existing use.

FISCAL IMPACT: The estimated total project cost is \$2,040,000, including design, construction, construction management, fees and contingencies. The estimated construction cost is \$1,833,540 (which includes a 10% contingency). There is \$1,540,000 in the existing Eastern Regional Landfill Closure Expansion Project No. 4920 Capital Project Budget. An additional \$500,000 will be included for the Project in the FY 2015/16 Proposed Budget. Funding for the Project is generated from Eastern Regional Material Recovery Facility tipping fee revenue, with no net County cost.

AVAILABLE FOR REVIEW AT FACILITY SERVICES: PROJECT NO. 4920 PLANS AND SPECIFICATIONS

CC: COUNTY EXECUTIVE OFFICE
PROCUREMENT SERVICES

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