

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

236



FROM: Waste Management Department

SUBMITTAL DATE:
September 14, 2011

SUBJECT: Approval of Contract Documents for the Construction of Surface Drainage and Access Road Improvements at the Badlands and Lamb Canyon Sanitary Landfills

RECOMMENDED MOTION: The Board:

1. Approve the Contract Documents for the Surface Drainage and Access Road Improvement Projects at the Badlands and Lamb Canyon Sanitary Landfills; and
2. Authorize the General Manager-Chief Engineer of the Riverside County Waste Management Department to advertise for bids.

BACKGROUND: The project covered by this contract is certain construction work affecting the site landfill access road and drainage at the Badlands and Lamb Canyon Landfills.
(cont'd)



Hans W. Kernkamp, General Manager-Chief Engineer

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 322,000	In Current Year Budget:	YES
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	NO
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2011/12

SOURCE OF FUNDS: Waste Management Enterprise Fund	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION:

APPROVE

BY: 
Michael R. Shetler

County Executive Office Signature

FORM APPROVED BY COUNTY COUNCIL
 BY:  DATE: _____
 Neal P. Kirnis
 Departmental Concurrence

Consent Policy
 Consent Policy

Dept't Recomm.:
 Per Exec. Ofc.:

Prev. Agn. Ref.: _____ District: 5 Agenda Number: _____

ATTACHMENTS FILED
WITH THE CLERK OF THE BOARD

12.1

The contract represents an integral part of the Riverside County Waste Management Department's (Department) efforts to reduce the introduction of pollutants which affect the quality of storm water discharges associated with landfill operations at the Badlands and Lamb Canyon Landfills. As part of the National Pollutant Discharge and Elimination System (NPDES) statewide general permit to regulate industrial storm water discharges, the Department has Storm Water Pollution Prevention Plans (SWPPP) for the Badlands and Lamb Canyon Landfills. Under these SWPPPs, the Department is responsible for the installation and maintenance of Best Management Practices (BMPs), including drainage structures that collect and channel runoff from the landfill. Every year, the Department installs several temporary BMPs (such as sandbags checkdams, straw bale barriers, earthen diversion berms, sediment traps), and surface drainage structures at both Badlands and Lamb Canyon Landfills to comply with NPDES requirements.

Based on the performance of the existing BMPs, and in response to State regulatory inspections, the Department believes more permanent structures are needed to adequately and properly provide for effective drainage and erosion control at both landfills. The project consists of installation of an access road and drainage structures such as cobble trenches, metal flume down drains, asphalt concrete drainage structures, 20 mil Low Density Polyethylene (LDPE) drainage swale, grouted rip-rap, earthen diversion berms, and straw bale check dams. In addition to complying with the necessary NPDES requirements, these more permanent structures will reduce the frequency and severity of erosion problems and reduce labor and equipment costs associated with erosion repairs and regular site maintenance.

The Department recommends that the Board approve the Contract Documents for the Construction of the Surface Drainage and Access Road Improvements at the Badlands and Lamb Canyon Landfills, and authorize the General Manager-Chief Engineer to advertise for bids.

The Engineer's estimate for this project is \$322,000. Funds are available in the current year budget in Fund 40200, Department ID - 4500100000.

EC/SW:ec/sw

PD# 106909-v1