

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

858



**FROM:** Waste Management Department

**SUBMITTAL DATE:**  
November 1, 2007

**SUBJECT:** Approval to Advertise for the Construction of the Landfill Gas Flare Enclosure at the Edom Hill Sanitary Landfill

**RECOMMENDED MOTION:** That the Board of Supervisors approve the Contract Documents for the Construction of the Landfill Gas Flare Enclosure at the Edom Hill Sanitary Landfill; and authorize Waste Management Department (Department) to advertise for bids.

**BACKGROUND:** As part of the Department's ongoing compliance with air quality regulations a landfill gas collection system and flaring station needs to be installed at the Edom Hill Sanitary Landfill. The landfill closed in late 2004 and is currently undergoing closure construction. The final step of closure, before entering into a 30 year minimum post-closure period, will be to install a gas collection system and flaring station. As part of closure construction, several feet of soil has been added to the surface of the landfill to create a barrier against the infiltration of water into the refuse. The addition of this cover soil has forced some of the landfill gas to migrate laterally. Landfill gas has now been detected in some perimeter detection probes.

(cont'd)

Hans W. Kernkamp, General Manager-Chief Engineer

FORM APPROVED COUNTY COUNSEL  
BY: Neal R. Kipnis 11/7/07  
DATE  
Departmental Concurrence

<b>FINANCIAL DATA</b>	Current F.Y. Total Cost:	\$ 135,597	In Current Year Budget:	YES
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	NO
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2007/2008

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

**C.E.O. RECOMMENDATION:**

**APPROVE**

BY: Alex Gann  
Alex Gann

**County Executive Office Signature**

- Dep't Recomm.:  Consent
- Per Exec. Ofc.:  Consent
- Policy
- Policy

**Prev. Agn. Ref.:** | **District:** 4<sup>th</sup> | **Agenda Number:**

**12.2**

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As required by the South Coast Air Quality Management District and the California Integrated Waste Management Board regulations, when landfill gas is detected in perimeter probes above acceptable levels, a gas collection system must be installed. The Department anticipated this scenario before closure construction started and budgeted accordingly for the gas collection and flare station. The gas collection system will be installed to control the migration of landfill gas, and the flare enclosure is the first phase in the construction.

These Contract Documents are for the construction of the enclosure that will house the flare that burns the landfill gas. The Engineer's estimate for the construction of the landfill gas flare enclosure is \$135,579.

HWK:ad:mdh:te  
PD# 58160v3