



County of El Dorado

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Legislation Details (With Text)

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On agenda: 5/22/2012 **Final action:** 5/22/2012

Title: Environmental Management Department recommending the Board authorize the Chair to sign Agreement No. 014E-A-11/12-BOS (505-S1211) with Field Solutions, Incorporated to provide ongoing, extensive analysis, monitoring, and monthly reporting of the landfill gas control system, and landfill surface gas and perimeter probe testing at and around the Union Mine Disposal Site as required by the annual Air Quality Management District Permits and for compliance with State and Federal regulations.

FUNDING: County Service Area No. 10 Solid Waste Budget.

Sponsors:

Indexes:

Code sections:

Attachments: 1. A - Blue Route Sheet.pdf, 2. B - Agreement No. 014E-A-11-12-BOS.pdf, 3. C - AQMD Permits.pdf, 4. D - AB 32, 5. E - LEA Letter.pdf, 6. F - Scope of Work, 7. G - Schedule of Charges

Date	Ver.	Action By	Action	Result
5/22/2012	1	Board of Supervisors	Approved	Pass

Environmental Management Department recommending the Board authorize the Chair to sign Agreement No. 014E-A-11/12-BOS (505-S1211) with Field Solutions, Incorporated to provide ongoing, extensive analysis, monitoring, and monthly reporting of the landfill gas control system, and landfill surface gas and perimeter probe testing at and around the Union Mine Disposal Site as required by the annual Air Quality Management District Permits and for compliance with State and Federal regulations.

FUNDING: County Service Area No. 10 Solid Waste Budget.

BUDGET SUMMARY:		
Total Estimated Cost		\$133,500.
Funding		
Budgeted	\$133,500.	
New Funding	\$	
Savings	\$	
Other	\$	
Total Funding Available	\$133,500.	
Change To Net County Cost		\$0

Fiscal Impact/Change to Net County Cost: There is no change in Net County Cost; Funding is

available in the CSA #10 Solid Waste budget for Fiscal Year 11/12 and has been budgeted for Fiscal Year 12/13.

Background: The annual Air Quality Management District Permits for the Union Mine Disposal Site require ongoing, extensive analysis of the landfill gas control system, monitoring of landfill surface gas, perimeter probe testing at and around the site, and monthly reporting on the results of these activities.

In 2006, Assembly Bill 32: the Global Warming Solutions Act (AB 32) was passed, directing the California Air Resources Board (ARB) to begin developing early actions to reduce greenhouse gases and prepare a scoping plan to identify how to best reach the greenhouse gas emissions reduction goal by 2020. On June 17, 2010, the ARB adopted Article 4, Subarticle 6, sections 95460 to 95476, title 17, California Code of Regulations, which reduces methane emissions from municipal solid waste landfills as a discrete early action greenhouse gas emission reduction measure. This regulation requires owners and operators of certain uncontrolled MSW landfills to install gas collection and control systems, and requires existing and newly installed gas and control systems to operate in an optimal manner.

Reason for Recommendation: The scope of services proposed by Field Solutions, Inc. will enable the Department to test, report, and comply with the annual Air Quality Management District (AQMD) permits for the next three years. There are 23 landfill gas extraction wells that must be monitored monthly to meet the permit-required parameters. In addition, quarterly tests and reports are required for landfill surface gas emissions and perimeter probe testing to meet the AQMD permit requirements and comply with AB 32.

With the 2007 closure and cap construction of the Union Mine Landfill, post-closure issues remain a possibility and Field Solutions, Inc. also maintains the ability to disconnect/reconnect well heads, adjust case heights, reconfigure wellhead test ports, and repair wells.

The Department is requesting to enter into an Agreement for a total not to exceed \$133,500 for a term of three years.

Action to be taken following Board approval: Upon execution by the Chair, the Board will forward the Agreement to the Environmental Management Department for distribution, encumbrance, and administration.

Contact: Gerri Silva, M.S., REHS, Director of the Environmental Management Department

Concurrences: County Counsel, Risk Management