



# County of El Dorado

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## Legislation Text

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Environmental Management Director requesting ratification of her signature on Change Order No.1 to contract 032-PW-06/07-BOS with RJ Gordon Construction Inc. to provide additional earthwork for the construction of the Final Cover, Union Mine Landfill 13.6 Acre Final Closure project.

**RECOMMENDED ACTION:** Approve.

BUDGET SUMMARY:		
Total Estimated Cost		\$40,473.36
Funding		
Budgeted	\$40,473.36	
New Funding	\$	
Savings	\$	
Other	\$	
Total Funding Available	\$40,473.36	
Change To Net County Cost		\$0.00

Fiscal Impact/Change to Net County Cost: Funding for the Change Order is available in the FY 2007-08 CSA #10 proposed budget. There is no cost to the General Fund.

Background: The closure for the 15.8-acre Class III Old Landfill at the Union Mine Disposal Site specified by the Central Valley Regional Water Quality Control Board (CVRWQCB) in new Waste Discharge Requirements Order No. R5-2006-0020 was required to be completed by August 15, 2007. As part of the Final Closure Plan, submitted to the CVRWQCB on March 30, 2006, it was identified that 13.6 acres of the 15.8-acre Class III Old Landfill Area would receive final cover in the year 2007. The remaining 2.2 acres are scheduled to be closed in the year 2040, the projected closure date of the Class II active disposal area.

The closure of the Union Mine Landfill project was divided into three components for bidding purposes. The first component being the supplying and hauling of soil for the Vegetative Cover, the second being the supplying and installations of the Geosynthetics, and thirdly, the construction of the Final Cover.

On May 22, 2007, the Board awarded a contract to RJ Gordon, Inc. of Pleasant Hill, California for the construction of the Final Cover, 13.6-acre old Union Mine landfill area in the amount of \$399,675.

Reason for Recommendation: On March 13, 2007, the Board of Supervisors approved the bid documents to construct the Final Cover for the 13.6 Acre Class III Old Landfill Area, Union Mine Disposal Site project. On May 22, 2007, the Board of Supervisors awarded the Final Cover bid to the

lowest, responsive bidder, RJ Gordon Construction, Inc.

The line items in the Bid Schedule for Clearing, Grubbing and Stripping; and Site Preparation and Grading are for 592,500 square feet. Based on F3's "As-Built" survey, the earthwork construction surveyor of record, and confirmed by the construction quality assurance survey conducted by Carlton Engineering, Inc., R. J. Gordon Construction should be compensated for 595,600 square feet of Clearing, Grubbing and Stripping; and 620,752 square feet for Site Preparation and Grading. The additional 3,100 square feet of Clearing, Grubbing and Stripping was required for the 2-foot overlap between the old landfill surface and the new closure cap. The additional 28,252 square feet of Site Preparation and Grading was due to work required on the lower bench and on the east facing slope.

The line item in the Bid Schedule for Vegetative Cover Soil Placement was based on 22,000 cubic yards. F3's "As-Built" survey, confirmed by the construction quality assurance survey conducted by Carlton Engineering, Inc., indicates that R. J. Gordon Construction should be compensated for 25,990 cubic yards of Vegetative Cover Soil Placement. This increase was primarily due to adding an additional foot of soil material on the intermediate and lower benches. See attachment, "Construction Memorandum" by NJF Engineering for additional information.

In order to meet the project deadline of August 15, 2007, as required by the California Regional Water Quality Control Board, and to avoid potential demobilization charges from the contractor, a change order was issued and signed by the Director of Environmental Management. A delay in the project would have resulted in fines and contractor stand-by charges of up to \$36,260.00 per week. The Department is requesting the Board ratify the Director's signature on the attached Change Order request. The Change Order specifies an additional 3,100 square feet for Clearing, Grubbing and Stripping at \$.067 per square foot, an additional 28,252 square feet for Site Preparation and Grading at \$.17 per square foot, an additional 3,990 cubic yards of Vegetative Layer Soil Placement at \$8.25 per square yard, and time and material costs of \$2,544.00 to repair wet, low areas in anchor trenches. This is a \$40,473.36 increase to the original bid amount of \$399,675.00, and an overall increase of 2.2% to the project cost in its entirety of \$1.8 million.

Action to be taken following Board approval: The Department will execute the attached Change Order.

Contact: Gerri Silva, Environmental Management Director

Concurrences: