

**EL DORADO COUNTY BOARD OF SUPERVISORS
AGENDA ITEM TRANSMITTAL
Meeting of December 12, 2006**

AGENDA TITLE: Termination of the state of emergency at the Union Mine Wastewater Treatment facility.

DEPARTMENT: Environmental Management	DEPT SIGNOFF: <i>Greg Stanton</i>	CAO USE ONLY: <i>C</i>
CONTACT: Gerri Silva/Greg Stanton		
DATE: 11/28/2006 PHONE: 6653/6658		<i>[Signature]</i> 12/5/06

DEPARTMENT SUMMARY AND REQUESTED BOARD ACTION:
The Environmental Management Department is recommending the Board 1) Accept the emergency work performed at the Union Mine Wastewater Treatment facility as substantially complete, and 2) terminate the action taken on May 23, 2006, in which the Board found, pursuant to Public Contract Code Section 22035 and 22050, an emergency condition existing at the Union Mine Wastewater Treatment Facility as a result of the record rainfall received during the 2005-2006 wet weather season.

CAO RECOMMENDATIONS: *recommend approval. Laura A. Gill 12/5/06*

Financial impact? () Yes (X) No	Funding Source: () Gen Fund () Other
BUDGET SUMMARY:	Other:
Total Est. Cost _____	CAO Office Use Only:
Funding	4/5's Vote Required () Yes (X) No
Budgeted _____	Change in Policy () Yes (X) No
New Funding _____	New Personnel () Yes (X) No
Savings _____	CONCURRENCES:
Other _____	· Risk Management
Total Funding _____	County Counsel
Change in Net County Cost _____	Other

***Explain**

BOARD ACTIONS:

Vote: Unanimous _____ Or _____ Ayes: _____ Noes: _____ Abstentions: _____ Absent: _____ Rev. 04/05	I hereby certify that this is a true and correct copy of an action taken and entered into the minutes of the Board of Supervisors Date: _____ Attest: Cindy Keck, Board of Supervisors Clerk By: _____
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EL DORADO
COUNTY



ENVIRONMENTAL
MANAGEMENT
DEPARTMENT

*Environmental
Health Division*

*Air Quality
Management
District*

*Solid Waste &
Hazardous
Materials
Divisions*

Vector Control



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COUNTY OF EL DORADO

ENVIRONMENTAL MANAGEMENT DEPARTMENT

November 28, 2006

Board of Supervisors
330 Fair Lane
Placerville, CA 95667

Honorable Members of the Board:

Subject: Termination of the state of emergency at the Union Mine Wastewater Treatment facility.

Recommendations:

The Environmental Management Department is recommending the Board 1) Accept the emergency work performed at the Union Mine Wastewater Treatment facility as substantially complete, and 2) terminate the action taken on May 23, 2006, in which the Board found, pursuant to Public Contract Code Section 22035 and 22050, an emergency condition existing at the Union Mine Wastewater Treatment Facility as a result of the record rainfall received during the 2005-2006 wet weather season.

Reasons for Recommendations:

On May 23, 2006 (item #52) the Board adopted Resolution 145-2006 declaring that an emergency, as defined by Public Contract Code Sections 22035 and 22050, existed at the Union Mine Waste Water Treatment Facility dating from April 4, 2006 due to the record rainfall received at the facility during the 2005-2006 wet weather season. At that time there existed a substantial risk of a sudden unexpected discharge of effluent, which posed a clear and imminent danger requiring immediate action to prevent or mitigate the loss or impairment of life, health, property, or essential public services.

Since the date of the declared emergency the following actions have been taken:

- The large growth of vegetation in Effluent Storage Tank # 1 was removed.
- The collapsed south sedimentation pond has been repaired.
- The pump used to pump liquid to EID failed and was replaced.
- The pump used to pump liquid to the facility's spray fields failed and was replaced with a more efficient and cost effective pump.

- A total of approximately 2 million gallons of liquid has been pumped to El Dorado Irrigation District (EID) that could not be disposed of onsite at the treatment facility.
- Multiple pumps throughout the facility have either been repaired or replaced.
- Owen Engineering and Management Consultants (OEMC) was hired to evaluate the status of the treatment facility and make recommendations for alleviation of the emergency condition and overall improvement of the facility operations. All of OEMC's recommendations relevant to the emergency status have been implemented.
- Repairs and improvements have been made to the prescreening equipment used by septage and portable toilet waste haulers.
- The spray field watering system has been upgraded to optimize the amount of liquid that can be discharged.
- The stabilization of the upper sprayfiled hillside and clearing of the landslide is substantially complete.
- Multiple flowmeters and valves have been installed throughout the treatment facility to better manage liquid flows.
- The two 500,000 gallon digesters were 30-40 % full of solids and required cleaning to improve the treatment process and increase liquid capacity, as well as to allow staff to effect repairs of the equipment inside the digesters. EMD contracted with PSC, Inc., under the terms of the declared emergency, to clean out both digesters. PSC has substantially completed the digester cleaning and will be completely finished by December 24, 2006.

Presently, given the emergency measures taken, there no longer exists a substantial risk of effluent discharge, therefore, the emergency conditions upon which the declaration was made have been abated. The state of emergency for the Union Mine Treatment Facility should be rescinded.

Fiscal Impact:

None

Net County Cost:

There is no cost to the General Fund.

Action to be Taken Following Approval:

None

Respectfully,

A handwritten signature in black ink that reads "Gerri Silva". The signature is written in a cursive style with a light grey background behind it.

Gerri Silva, M.S., R.E.H.S.
Interim Director
Environmental Management Department