



# Memorandum

## MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT

Reviewed by lwm  
General Manager

Date 9/4/09

DATE: September 11, 2009  
TO: General Manager  
FROM: Equipment Maintenance Manger  
SUBJECT: Request for Proposals for Purchase of New Excavator

**RECOMMENDATION:** That the Board authorize staff to prepare specifications and issue a Request for Proposals (RFP) to purchase a new excavator with grapple attachment. Funds in the amount of \$300,000 for this purchase are included in the Capital Outlay portion of the FY 2009/10 budget.

### BACKGROUND

The FY 2009/10 budget includes the purchase of a new excavator needed in the Materials Recovery Facility (MRF) operations. District staff has determined that unit MR09, a 1996 Caterpillar 315L excavator with 19,062 hours of operation, should be scheduled for replacement during FY2009/10. Staff would like to prepare and distribute a specification to purchase this excavator. The anticipated delivery schedule is between 120 and 180 days. Upon Board authorization, staff anticipates bringing a recommendation for purchase back to the Board at the October or November 2009 meeting.

A component of AB 32 is the proposed regulation requiring off-road diesel powered vehicles at the District meet certain emission standards. This purchase is part of the strategy assembled by staff to meet CARB compliance requirements starting in 2010 and continuing through 2020. Each year will require that various actions be taken by the District to maintain compliance; all of those actions must be completed by March 1<sup>st</sup> of the year required. Considering the high hours of usage on the MR09 Caterpillar 315L excavator, staff has concluded that it would not be cost effective to do the emissions retrofits necessary to bring this excavator into compliance with regulations requirements.

The District currently operates three excavators; two fulltime for the MRF tip floor and wood yard operations that run approximately 150 hours per month each, and one for site projects that operates on average 30 hours per month. When a new excavator is purchased by the District it is put into the highest usage part of the operation with the remaining excavators passed down accordingly based on usage demand.

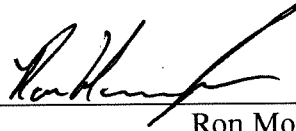
### DISCUSSION

Reliable usage expectations of an excavator in a MRF operations, are 16,000 to 18,000 hours of operation. With the MR09 (Caterpillar) excavator used for site projects at 19,062 hours, and the MR08 (John Deere) excavator currently frontline in the MRF operation with 16,167 hours, the need for a new excavator is crucial.

Given the patterns of use by the District, and the high number of hours the frontline excavators operate, it is staff's conclusion that the MR09 excavator is at the end of its useful life. Upon purchase and delivery of the new excavator, staff will declare the existing excavator as surplus and sell it to the highest bidder.

**CONCLUSION**

District staff has concluded that MR09, a 1996 Caterpillar 315L excavator, should be scheduled for replacement during the FY 2009/10.



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Ron Mooneyham