



Memorandum

MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT

Reviewed by Wmm Date 12/14/07
General Manager

DATE: December 14, 2007
TO: General Manager
FROM: Materials Recovery Facility Manager
SUBJECT: Update on New Green and Wood Waste Grinder Installation

BACKGROUND

In December 2006 the Board accepted the low bid from Peterson Pacific Corporation to provide a new 800 horsepower portable electric grinder to the District at a total cost of \$580,534.25. At that time, the existing electric wood grinder had been in operation since April 1996 and since then changes in technology have substantially improved grinding rates and efficiencies. The District's original Peterson grinder was 400 horsepower with a 20-30 ton per hour throughput capacity.

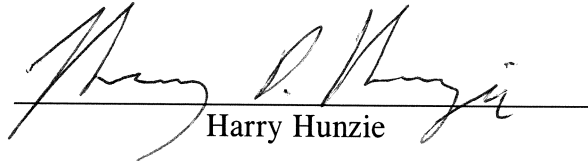
The District took delivery of the new grinder in October 2007. During the month of November, the old grinder was dismantled and the new grinder installed along with new wiring and power supply. The new Peterson grinder came on-line in December and on the 12th the MRF staff ran a three hour green waste production test. The data from that run showed that the machine was grinding 50 tons per hour of green waste with an additional 7 tons per hour of "unders" (mostly dirt) screened out in the existing conveyor system prior to reaching the grinder for total diversion of 57 tons per hour. Staff are pleased with the dramatically improved grinding capacity and can expect grinding to be completed in less time than previously needed so staff can supplement other areas of operations when necessary. With additional experience and time on the machine the production rate will increase. Test runs of wood waste have already been run and our small wood chips are now back in stock. Next, a production run using wood waste will be completed.

The Monterey Unified Air Pollution Control District was on site December 13, 2007 to review the grinder installation compared to the Authority to Construct (ATC). Air Board staff were pleased with what they saw and will modify the existing Permit to Operate (PTO) and issue a new PTO.



STRATEGIC PLANNING IMPACT

A3a: Evaluate effectiveness and efficiency of existing District operations and recommend changes as appropriate.



Harry Hunzie