



County of Santa Cruz

DEPARTMENT OF PUBLIC WORKS

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JOHN A. FANTHAM
 DIRECTOR OF PUBLIC WORKS

AGENDA: November 10, 1998

October 29, 1998

SANTA CRUZ COUNTY BOARD OF SUPERVISORS

701 Ocean Street
 Santa Cruz, California 95060

SUBJECT: GREEN-WASTE DIVERSION PROGRAMS

Members of the Board:

On October 7, 1997, your Board received a report on the County's Greenwaste Demonstration Project and directed Public Works to return in October 1998 with a report on the effects of implementation of recommended greenwaste diversion programs. We are pleased to report that the greenwaste diversion programs implemented over the last year have resulted in a significant increase in the diversion of woodwaste and yardwaste materials from the County's Buena Vista Landfill. Attached you will find data and graphical representations illustrating the increase in collection of greenwaste from the County's residential and commercial wastestreams.

Prior to implementing the new curbside yardwaste collection program through Waste Management, the existing self-haul greenwaste diversion program at the County's Buena Vista Landfill and Ben Lomond Transfer Station was diverting an average of 13,000 tons of material annually. Implementation of expanded public education efforts and the curbside yardwaste collection program has increased the annual diversion to an average of 21,000 tons per month.

Several new source reduction programs have also been implemented to further improve greenwaste diversion countywide including:

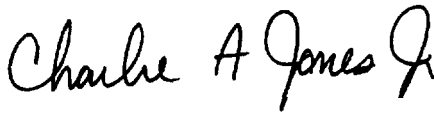
- Expanding the home composting program including increased public education, creation of the "Rotline" for provision of information and technical assistance to home composters, expansion of the Master Composter training program, and Waste Management sales of low cost home composters and worm composters to county residents;
- Funding for development of a worm composting facility with the Skills Center through the County's Waste Reduction Grant. This facility utilizes vegetable wastes from markets to support the worm farm which in turn supplies worms for worm composters distributed by Waste Management;

- Waste Reduction Grant funding for development of a residential home composting facility for a large farm-worker housing facility; and
- Waste Reduction Grant funding for a compost demonstration facility at Cabrillo College to be utilized for training small businesses and residential composters.

Initial public feedback and review of the last eleven months of diversion data indicate an increasing trend in diversion of greenwaste from the Buena Vista Landfill. We expect the amount of greenwaste diversion to continue to increase over the next several years as more residents and businesses become aware and take advantage of the many low cost diversion programs available in our County.

It is therefore recommended that your Board accept and file this report on the greenwaste diversion programs in the County.

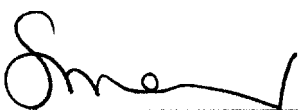
Yours truly,

For 
 JOHN A. FANTHAM
 Director of Public Works

RPM:mg

Attachments

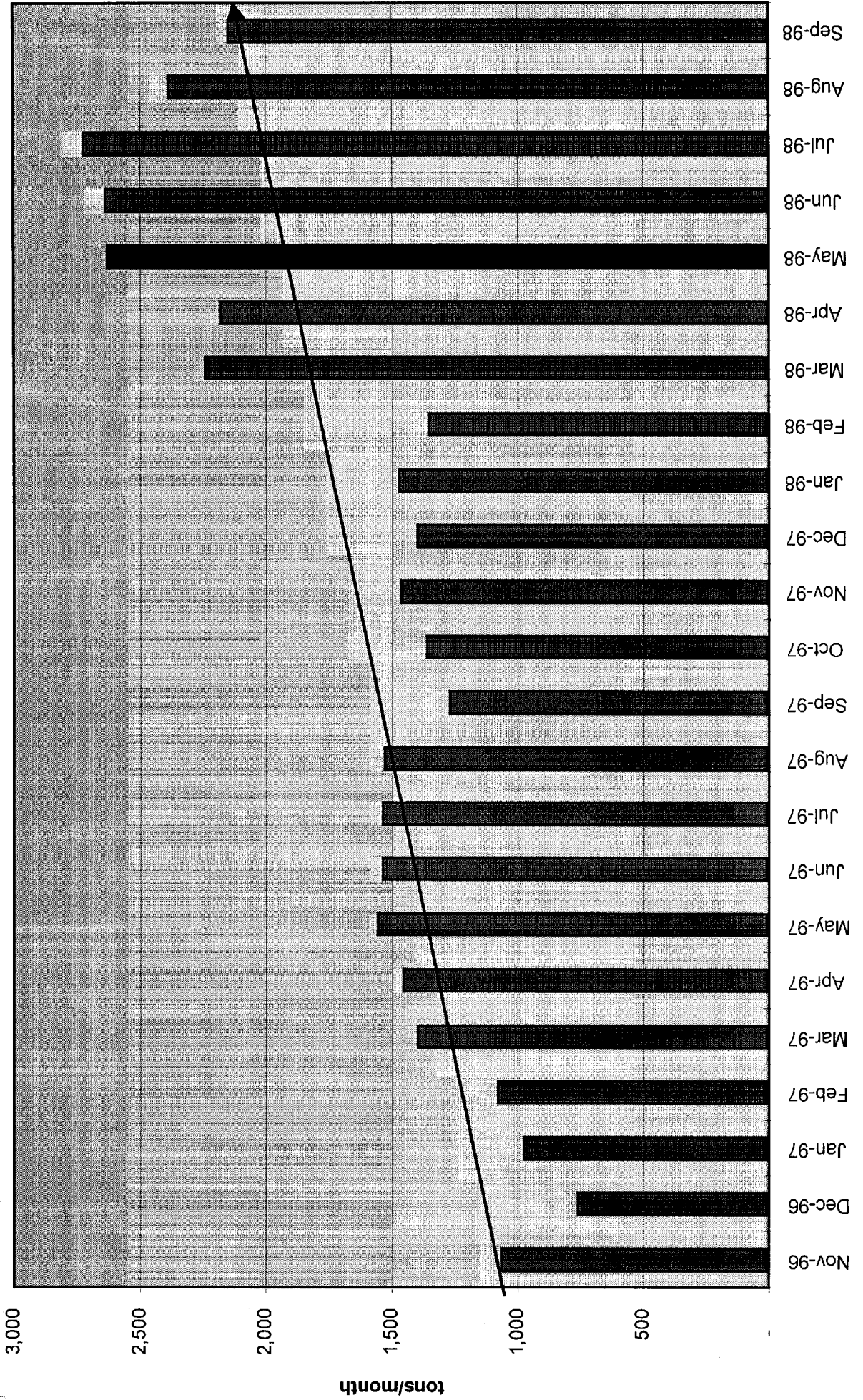
RECOMMENDED FOR APPROVAL:



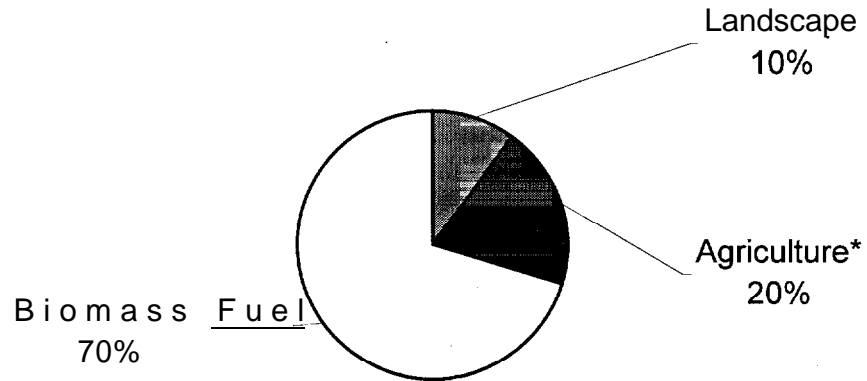
 County Administrative Officer

copy to: Public Works
 Jim Moresco, Waste Management of Santa Cruz County

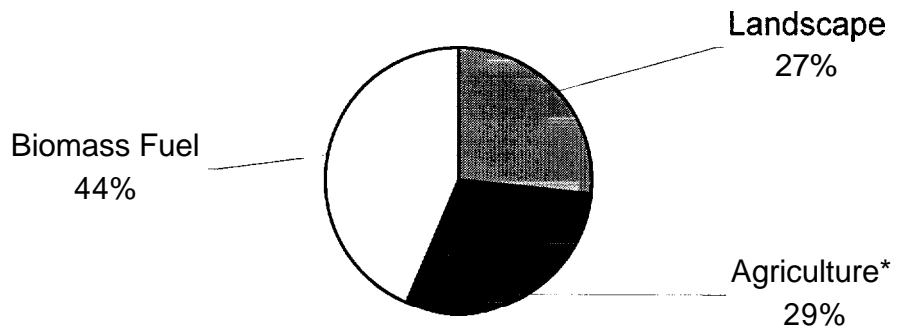
GREENWASTE DIVERSION



GREENWASTE MARKETING PRIOR TO NOVEMBER 1997



GREENWASTE MARKETING CURRENT



WOODWASTE AND YARDWASTE DIVERSION SUMMARY

(November 1996 to present)

379

	<u>Total Diversion</u>	<u>Self-Haul Program</u>	<u>Curbside Program</u>	
Nov-96	1,063	1,063		
Dec-96	761	761		
Jan-97	976	976		
Feb-97	1,080	1,080		
Mar-97	1,398	1,398		
Apr-97	1,455	1,455		
May-97	1,557	1,557		
Jun-97	1,537	1,537		
Jul-97	1,537	1,537		
Aug-97	1,530	1,530		
Sep-97	1,271	1,271		
Ott-97	1,362	1,362		
Nov-97	1,465	943	522	
Dec-97	1,399	827	572	
Jan-98	1,472	812	660	
Feb-98	1,354	822	532	
Mar-98	2,240	1,343	897	
Apr-98	2,183	1,242	941	
May-98	2,631	1,722	909	
Jun-98	2,639	1,742	897	
Jul-98	2,726	1,885	841	
Aug-98	2,387	1,656	731	
Sep-98	2,148	1,367	781	

1,294 ave. tons/month

2,059 ave. tons/month

<u>Marketing Breakdown</u>	<u>Landscape</u>	<u>Agriculture*</u>	<u>Biomass Fuel</u>
Prior to November 1997:	10%	20%	70%
After November 1997:	27%	29%	44%

*Includes feedstock sent to commercially composting operations