



January 3, 2017

RE: FACILITY DIVERSION RATES

To Whom It May Concern:

The WPWMA operates a mixed waste Materials Recovery Facility (MRF) and sanitary landfill, providing recycling and disposal services to the majority of Placer County. The recovery rate from municipal solid waste (MSW) and construction and demolition debris (C&D) received and processed at the MRF are determined based on the weights of unprocessed materials arriving at the facility and unrecovered products exiting the facility for disposal at the landfill. All weights are captured by certified scales and recorded and maintained by the WPWMA in a database using a commercially available software program. The following formula is employed for computing the recovery from these waste streams:

$$\text{Diversion Rate} = 1 - \frac{W_R}{W_I}$$

Where: W_R = Weight of non-recovered materials subsequently sent to landfill
 W_I = Weight of incoming wastes to the MRF

To ensure a consistent level of diversion is maintained at the WPWMA's facility, the WPWMA's operator, Nortech Waste, LLC, is contractually obligated to achieve annual diversion rates of 22% for MSW and 50% for C&D processed through the MRF.

To determine the diversion rate of a construction project within Placer County, contractors can assume a minimum 50% diversion rate is achieved for all C&D loads and 22% diversion for all MSW loads that are directed to the MRF for processing. Separated loads consisting of only green waste, wood waste, metal or inert material¹ can generally be assumed to have a minimum diversion rate of 90%. Scalehouse receipts must indicate one of the designations listed in the table on the following page to assume diversion was achieved.

Please contact me at eoddo@placer.ca.gov or (916) 543-3984 should you have any questions or concerns.

Sincerely,

Eric Oddo, PE
Environmental Engineering Program Manager

Waste Type & Scalehouse Ticket Designation	Minimum Diversion Rate
Construction & Demolition	
C&D MRF	50%
Y-C&D-ZWAL	50%
Green Waste	
GREEN WST	90%
Y-GRNZWAL	90%
Inert	
INERT	90%
INERT (YD)	90%
INERT-SOIL	90%
INERT YDS S	90%
Metal	
INB-STEEL	90%
BUYBACK	90%
Municipal Solid Waste	
MSW-MRF	22%
Y-MSW-ZWAL	22%
Wood Waste	
WOOD WASTE	90%
Y-WD-ZWAL	90%

ⁱ Inert materials include clean separated soil, concrete, rock, sand, tile and asphalt.