

**ATTACHMENT 8:  
REVISED 1993 CALIF. POSTCONSUMER PAPER UTILIZATION RATE  
(Using U.S. New Supply Paper/Paperboard to Extrapolate Generation)**

	TOTAL PAPER TONS	ONP TONS	OCC TONS	ALL OTHER TONS
<b>1993 NUMERATOR</b>				
<b>M&amp;P MILL POSTCONSUMER PAPER CONSUMPTION</b>				
M&P Mill Recovered Paper Consumption	4,935,400	1,269,100	2,691,400	974,900
Less Utilized Preconsumer Scrap	1,145,814	116,450	343,038	686,326
M&P Mill Postconsumer Consumption	3,789,586	1,152,650	2,348,362	288,574
<b>M&amp;P MILL POSTCONSUMER PAPER CONSUMPTION ADJUSTED TO CALIFORNIA BASED ON:</b>				
Population	2,179,038	662,781	1,350,325	165,932
Infrastructure	2,067,481	529,336	1,402,087	136,059
<b>CALIFORNIA EXPORTS</b>				
Total California Recovered Paper Exports	1,821,400	642,900	699,300	479,200
Less Exports Originating Outside CA	273,210	96,435	104,895	71,880
Recovered Paper Exports Originating in California	1,548,190	546,465	594,405	407,320
Less Exported Preconsumer Scrap	359,431	50,143	75,761	233,528
Postcnsmr Exports Originating Within CA	1,188,759	496,322	518,644	173,792
Postconsumer Mill Consumption + Exports	3,256,240	1,025,658	1,920,730	309,851
Plus Consumption in Alternative Products	103,421	103,421	0	0
<b>CA POSTCONSUMER RECOVERY</b>	<b>3,359,660</b>	<b>1,129,079</b>	<b>1,920,730</b>	<b>309,851</b>
<b>1993 DENOMINATOR</b>				
	TOTAL PAPER	ONP	OCC	ALL OTHER
1990 California Paper Generation	12,995,097	2,313,593	4,720,518	5,920,986
<b>1993 CA Paper Generation Extrapolation</b>	<b>12,776,628</b>	<b>2,274,698</b>	<b>4,641,158</b>	<b>5,821,444</b>
<b>1993 UTILIZATION RATE*</b>	<b>26.30%</b>	<b>49.64%**</b>	<b>41.38%**</b>	<b>5.32%**</b>
<b>1993 UTILIZATION GOAL</b>	<b>33.40%</b>	not applicable	not applicable	not applicable
<b>1992 UTILIZATION RATE*</b>	<b>27.56%</b>	<b>49.22%**</b>	<b>41.37%**</b>	<b>8.26%**</b>
<b>1990 UTILIZATION RATE</b>	<b>23.45%</b>	<b>34.82%</b>	<b>36.98%</b>	<b>7.95%</b>
<b>VARIABLES USED IN THE 1993 CALCULATION</b>				
	TOTAL PAPER	ONP	OCC	ALL OTHER
% Calif. Exports Originating Outside Calif.	15.00%	15.00%	15.00%	15.00%
U.S. New Supply	91,538,000	17,092,000	26,894,000	47,552,000
Preconsumer Scrap as % of New Supply	9.41%	3.90%	8.00%	12.75%
Tons Preconsumer Scrap Generated	8,609,364	666,417	2,150,982	5,791,965
% Preconsumer Scrap Recovered	94.22%	98.08%	95.03%	93.58%
Tons Preconsumer Scrap Recovered	8,111,915	653,622	2,044,078	5,420,121
Total Tons U.S. Recovered Paper	34,940,700	7,123,300	16,037,400	11,780,000
Precnsmr Scrap Recvrd/Total Paper Recvrd	0.2322	0.0918	0.1275	0.4601
U.S. Consumption in Alternative Products	854,000	854,000	0	0
California Mill Recovered Paper Consumption	2,217,200	351,000	1,486,200	380,000
California Mill Postconsumer Paper Consumption	1,702,450	318,793	1,296,773	205,157
M&P Mill Postconsumer Paper Consumption	3,789,586	1,152,650	2,348,362	288,574
CA Population	31,220,000	CA Pop. w/ Curbside	15,458,000	15,200,000
Mountain & Pacific States Pop. (less AK & HI)	54,295,000	M&P States Pop. w/ Crbsd (less AK & HI)		23,679,923
<b>Paper Generation Extrapolation Factors</b>	<b>1990</b>	<b>1993</b>	<b>Weights</b>	
CA Civilian Employment	14,319,000	13,918,000	0.25	
CA Retail Taxable Sales	181,655,000,000	179,014,600,000	0.25	
CA Population	29,904,000	31,220,000	0.25	
U.S. New Supply Paper/Paperboard	86,796,000	91,538,000	0.25	
Consumer Price Index	130.70	149.40	not applicable	
U.S. Population	249,403,000	257,800,000		
<b>Bold figures are revised figures from previous 1993 Utilization Rate spreadsheet</b>				
<b>* All rates revised using U.S. New Supply Paper/Paperboard in extrapolating 1990 California postconsumer paper generation.</b>				
<b>** Revised rates based on revision to infrastructure adjustment</b>				