APPENDIX B

REFINERY FACILITY EMISSION RANKINGS WITHIN RESPECTIVE AIR DISTRICTS

Appendix B:

Refinery Facility Emission Rankings Within Respective Air Districts

As shown in Table B-1 below, many of California's refineries are the largest single sources of ozone precursors (i.e., ROG and NO_x) in their respective air districts. For example, in the South Coast Air Quality Management District (SCAQMD) all six of the CaRFG2 producing refineries are included in the top ten stationary sources of ROG; and four of the six CaRFG2 producing refineries are included in the top ten stationary sources of NO_x emissions. In the Bay Area Air Quality Management District (BAAQMD), the five CaRFG2 producing refineries are included in the top six for both ROG and NO_x stationary source emissions. In the San Joaquin Valley Unified Air Pollution Control District (SJVUAPCD), both of the CaRFG2 producing refineries are included in the top five for ROG stationary source emissions.

South Coast Air Quality Management District				
Refinery	Location	(out of 10)	NOx (out of 10)	PM10 (out of 10)
British Petroleum (BP)	Carson	1	3	2
ChevronTexaco	El Segundo	2	1	1
Shell	Wilmington	4	5	3
ExxonMobil	Torrance	7	4	8
Phillips Petroleum	Wilmington/Carson	5		7
Valero	Wilmington	10		4
Bay Area Air Quality Management District				
Refinery	Location	ROG	NOx	PM10
		(out of 10)	(out of 10)	(out of 10)
ChevronTexaco	Richmond	1	2	4
Shell	Martinez	2	1	2
Delline			•	<u> </u>
Philips	Rodeo	4	6	-
Tesoro	Rodeo Avon (Martinez)	4 3	6 4	- 6
Tesoro Valero	Rodeo Avon (Martinez) Benicia	4 3 6	6 4 5	6 3
Tesoro Valero San Joaqu	Rodeo Avon (Martinez) Benicia In Valley Unified Air	4 3 6 Pollution Cor	6 4 5 ntrol Distric	6 3
Tesoro Valero Refinery	Rodeo Avon (Martinez) Benicia In Valley Unified Air Location	4 3 6 Pollution Cor ROG (out of 10)	6 4 5 htrol Distric NOx (out of 10)	6 3 PM10 (out of 10)
Tesoro Valero San Joaqu Refinery Shell	Rodeo Avon (Martinez) Benicia In Valley Unified Air Location Bakersfield	4 3 6 Pollution Cor ROG (out of 10) 5	6 4 5 1trol Distric NOx (out of 10)	6 3 t PM10 (out of 10) 3

Table B-1:Refinery Facility Emission Rankings Within Respective Districts

Source: ARB Almanac 2001 - Chapter 5