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.

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

South Coast Air Quality Management District				
Refinery	**Location**	**ROG** (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** (out of 10)	**NOx** (out of 10)	**PM10** (out of 10)
ChevronTexaco	Richmond	1	2	4
Shell	Martinez	2	1	2
Phillips	Rodeo	4	6	-
Tesoro	Avon (Martinez)	3	4	6
Valero	Benicia	6	5	3
San Joaquin Valley Unified Air Pollution Control District				
Refinery	**Location**	**ROG** (out of 10)	**NOx** (out of 10)	**PM10** (out of 10)
Shell	Bakersfield	5	-	3
Kern Oil	Bakersfield	3	-	1

Source: ARB Almanac 2001 - Chapter 5