

1998

Clean Air Plan

Appendix A

Emission Inventory and Forecasting Documentation

FINAL

December 1998



Santa Barbara County
Air Pollution Control District

Santa Barbara County
ASSOCIATION OF
GOVERNMENTS

FINAL

SANTA BARBARA COUNTY
1998 CLEAN AIR PLAN

APPENDIX A

EMISSION INVENTORY
AND
FORECASTING DOCUMENTATION

DECEMBER 1998

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A. EMISSION INVENTORY AND FORECASTING DOCUMENTATION

A.1 INTRODUCTION

A.1.1 PURPOSE

This appendix provides detailed documentation of the 1990 and 1996 Annual Emission Inventories and the 1996, 1999, and 2005 Planning Emission Inventory Forecasts. These were the emission inventories used in the development of the 1998 Clean Air Plan (1998 CAP). Tables A-1, A-2, and A-3 present the Annual Emission Inventories and tables A-7 through A-12 present the Planning Emission Inventory Forecasts.

Section 1 of this appendix provides an introduction into the inventory process. This section details many of the basic elements that comprise the inventory, including the pollutants listed, the structural hierarchy used, and the specific emission categories that are tracked in the inventory. Section 2 of this appendix explains the annual and planning emission inventories and Section 3 details emission forecasting.

Emission inventories estimate the amounts and types of pollutants emitted from a variety of sources including motor vehicles, industrial facilities, coating application, consumer product usage and natural sources. Emission inventories are used to: describe and compare contributions from air pollution sources, evaluate control measures, schedule rule adoptions, forecast future pollution, perform air quality modeling, and prepare clean air plans.

The emission inventories are divided into two geographical regions: *Santa Barbara County* and the *Outer Continental Shelf (OCS)*. The Santa Barbara County emission inventory encompasses all on-shore sources of air pollution in Santa Barbara County and in the State Tidelands (within three miles of the shoreline.) The OCS emission inventory includes pollution sources from three to twenty five miles offshore of Santa Barbara County.

The following sections discuss the pollutants and four-tiered hierarchy found in the emission inventories. Section A.1.2 discusses the pollutants and Section A.1.3 describes the hierarchy.

A.1.2 POLLUTANTS

The emission inventory includes the pollutants contributing to ozone formation, referred to as *ozone precursors*. These pollutants are reactive organic gases (ROG), oxides of nitrogen (NO_x), and carbon monoxide (CO). The definition of ROG used in this plan is equivalent to the United States Environmental Protection Agency's (USEPA) definition of Volatile Organic Compounds (VOC), and does not include ethane, acetone or perchloroethylene as reactive organic chemical species. Other primary pollutants (those emitted directly into the atmosphere) presented in the emission inventories are particulate matter (PM) and oxides of sulfur (SO_x).

A.1.3 EMISSION INVENTORY HIERARCHY

The emission inventory data structure in this appendix is presented by using a new tiered hierarchy to categorize all of the air pollution sources. This hierarchy, which was revised in 1994 by the California Air Resources Board (ARB), consists of four main divisions in the first tier. These four divisions are: ***Stationary Sources*** (individual facilities and aggregated point sources); ***Area-Wide Sources*** (geographically dispersed area sources), ***Mobile Sources*** (both on-road vehicles and off-road sources) and ***Natural Sources*** (non-anthropogenic, i.e., not man-made). In the second tier, each of the four divisions is sub-divided into ***major source categories***. The third tier divides the major source categories into ***summary categories***. The fourth tier provides the ***material*** (such as the type of fuel) that is specific to each summary category.

The following four sub-sections will take a closer look at each of the emission inventory divisions individually. The first is Stationary Sources, followed by Area-Wide Sources, Mobile Sources, and finally Natural Sources.

A.1.4 STATIONARY SOURCES

The *Stationary Sources* emission inventory division is comprised of five major source categories: Fuel Combustion, Waste Disposal, Cleaning and Surface Coatings, Petroleum Production and Marketing, and Industrial Processes. The specific summary categories and sources of emissions associated with these major categories are identified and described below.

A.1.4.1 Fuel Combustion

This major source category contains emissions produced by stationary fossil fuel combustion equipment such as boilers and engines. Fuel combustion is the greatest source of NO_x and CO emissions within the Stationary Sources division. Emissions in the Fuel Combustion major source category are produced in the following seven summary categories:

1. Electric Utilities: Diesel and natural gas turbines used at electrical generation facilities.
2. Cogeneration: Natural gas combustion used in the production of electrical energy and useful thermal energy.
3. Oil and Gas Production: Stationary internal combustion engines, boilers, process heaters, turbines, steam generators and drilling rigs at facilities engaged in the extraction and processing of petroleum products for shipment, using fuels such as natural gas, distillate oil, and liquefied petroleum gas (LPG). Most of the emissions in this subcategory are produced from natural gas fired internal combustion engines used in oil production operations.
4. Petroleum Refining: Natural gas, distillate and residual oil burning equipment such as boilers and process heaters located at refineries.
5. Manufacturing and Industrial: The same type of equipment as listed under Oil and Gas Production, but used in other industrial and manufacturing activities such as: sand, rock, and gravel processing; concrete and asphalt production; mineral processing; and surgical appliance manufacturing.

6. Food and Agricultural Processing: Diesel fired internal combustion engines used for agricultural irrigation, natural gas fired boilers, oil fired boilers, and process heaters at food processing and feed preparation facilities, and orchard heaters.
7. Service and Commercial: Fuel combustion equipment burning natural gas, distillate and residual oil and LPG, including commercial space and water heaters and small boilers and engines at non-industrial facilities.

A.1.4.2 Waste Disposal

This major source category contains emissions associated with municipal landfills and process gas incineration.

1. Landfills: Decomposition of waste material at class II landfill sites. Landfill gas emissions are the result of natural biodegradation and emissions are predominantly non-reactive organic gases.
2. Incineration: Incinerators burning process gas.

A.1.4.3 Cleaning and Surface Coatings

This major source category consists entirely of evaporative ROG emissions from solvents and coatings.

1. Laundering: Use of petroleum based solvents at dry cleaning facilities.
2. Degreasing: Petroleum and synthetic solvents used to clean parts and material at industrial and commercial facilities, such as surgical appliance and semi-conductor manufacturers.
3. Coatings and Related Process Solvents: Automotive, aerospace, metal parts, furniture and wood product coatings and associated solvent and thinner use.
4. Printing: Inks, solvents and cleaning agents.
5. Other: Solvent and water-based adhesives and sealants used in various commercial and industrial applications.

A.1.4.4 Petroleum Production and Marketing

This major source emission category includes emissions resulting from the handling of petroleum liquids and gases at petroleum extraction, processing, transport, and marketing facilities. This category is comprised primarily of ROG emissions and is the most significant source of ROG emissions in the Stationary Sources division. The emissions are produced from processes in three summary categories.

1. Oil and Gas Production: Fugitive hydrocarbon emissions from oil wells, valves and fittings, compressor seals, flanges, fixed and floating roof tanks, crude oil sumps, pits and well cellars, glycol regenerator vents, tank car and truck loading operations, and combustion emissions from flares at oil and gas extraction and processing facilities.
2. Petroleum Refining: Fugitive hydrocarbon emissions from valves, fittings, storage tanks and loading racks at asphalt refining facilities.
3. Petroleum Marketing: Fugitive hydrocarbon emissions from crude oil storage tanks affiliated with pipelines, and loading of marine vessels and tank cars and trucks with crude oil, natural gas transmission losses, refined fuel vapor losses from underground storage tanks, vehicle refueling facilities, and bulk fuel storage plants.

A.1.4.5 Industrial Processes

The Industrial Processes major source category pertains to industries other than the petroleum industry. Although Industrial Processes produce only a small fraction of the county's ROG and NO_x emissions, they are the most significant contributors of SO_x and PM within the Stationary Sources division. They include following summary categories.

1. Chemical: ROG emissions from fiberglass operations and plastic product manufacturing.
2. Food and Agriculture: Primarily SO_x and PM emissions from sugar beet and other agricultural processing; ROG emissions from wine fermentation and aging.

3. Mineral Processes: Substantial PM as well as other pollutant emissions from crushed rock, diatomaceous earth processing, asphaltic and cement concrete production and limestone processing.
4. Other: CO and PM emissions resulting from aerospace operations (missile launches).

A.1.5 AREA-WIDE SOURCES

The *Area-Wide Sources* emission inventory division is composed entirely of emissions from sources that are not subject to APCD permitting requirements. Emissions are geographically dispersed throughout the county but are aggregated into two major source emission categories: Solvent Evaporation and Miscellaneous Processes.

A.1.5.1 Solvent Evaporation

The Solvent Evaporation major source category consists entirely of evaporative ROG emissions from consumer product use, architectural coatings, and pesticide use. Emissions in the Solvent Evaporation major source category are produced in five summary categories.

1. Consumer Products: Solvents used in antiperspirants and deodorants, air fresheners, automotive windshield wiper fluids, bathroom cleaners, consumer engine cleaners, barbecue lighter fluid; aerosol paint and product propellants, and solvents.
2. Architectural Coatings and Related Process Solvents: Oil and water-based paints and thinners used to paint commercial and residential buildings and other structures.
3. Pesticides/Fertilizers: Pesticides used in agricultural, structural and consumer product applications.
4. Asphalt Paving: Cutback asphalt, emulsified asphalt, hot-mix asphalt, and road oils.
5. Other: Asphalt roofing.

A.1.5.2 Miscellaneous Processes

Large quantities of CO and PM emissions are produced by combustion and fugitive dust producing processes and are listed in ten summary categories.

1. Residential Fuel Combustion: Significant CO, PM and NO_x emissions from natural gas, distillate oil, LPG and wood combustion used for cooking, space and water heating.
2. Farming Operations: Fugitive dust PM emissions from tilling, harvest season operations and cattle feedlots.
3. Construction and Demolition: Fugitive dust PM emissions from residential, commercial and industrial building and demolition; road construction.
4. Paved Road Dust: Fugitive dust PM emissions from vehicular travel on paved roads, including freeways, major roads, and local streets.
5. Unpaved Road Dust: Fugitive dust PM emissions from vehicular travel on unpaved roads, including city and county, farm and federal land roads.
6. Fugitive Windblown Dust: Fugitive dust PM emissions from wind erosion of agricultural fields, pastures, and unpaved roads.
7. Fires: Primarily CO emissions from automobile and structural fires.
8. Waste Burning and Disposal: Burning of agricultural debris, weed abatement and range management burning, prescribed forest management burning and fire fighting training resulting in CO and PM emissions.
9. Utility Equipment: Combustion CO and ROG emissions from small horsepower two and four stroke utility engines driving chainsaws, lawn mowers, leaf blowers, portable compressors and generators used in residential and commercial applications.
10. Other: Commercial charbroiling, producing mostly PM emissions.

A.1.6 MOBILE SOURCES

The *Mobile Sources* emission inventory division is composed of emissions related to on-road motor vehicles and a variety of off-road vehicles and equipment, including aircraft, recreational vehicles and marine vessels. Mobile Sources consists of two major source categories: On-Road Motor Vehicles and Other Mobile Sources. The Mobile Sources emission inventory division produces most of the NO_x and CO emissions, and appreciable amounts of the ROG emissions in the county's on-shore inventory.

A.1.6.1 On-Road Motor Vehicles

The On-Road Motor Vehicles major source category includes gasoline and diesel light-duty passenger vehicles (automobiles), light-duty trucks (pick-up trucks) and medium-duty trucks, gasoline and diesel heavy-duty trucks, motorcycles, and heavy-duty diesel buses. The On-Road Motor Vehicles emission inventory is estimated using a group of models developed by ARB known as the Motor Vehicle Emission Inventory 7G1.0corrected (MVEI7G1.0c) model. MVEI7G1.0c is an update of the MVEI7.0G model released by ARB in October 1996 and features technical improvements and improved estimates of regional vehicular usage. The MVEI7G1.0c model merges vehicle-specific emission factors, adjusted for non-standard driving conditions, while accounting for the vehicle population by model year and vehicle activity data. The Santa Barbara County Association of Governments (SBCAG) transportation model generates this data. SBCAG coordinates with CalTrans and the ARB to estimate vehicle emissions by vehicle class. The 1994 Clean Air Plan utilized a previous version of the MVEI model, known as 7F version 1.1. In this 1998 CAP, we have employed the most current emission estimation techniques available along with activity data from our county-specific transportation model and updated vehicle demographic data from the Department of Motor Vehicles (DMV). We will continue to use techniques that are the most technically sound and acceptable to both the ARB and the USEPA.

The On-Road Motor Vehicles major source category produces most of the ROG, NO_x, and CO emissions in the Mobile Sources emission inventory element, with the majority attributable to light-duty passenger vehicles. Light-duty and medium-duty trucks also generate appreciable amounts of ROG, NO_x and CO, while heavy-duty diesel trucks are significant generators of NO_x. On-road vehicle emissions include *exhaust emissions* resulting from fuel combustion (ROG, NO_x and CO), and fuel *evaporative emissions* (ROG). Evaporative emissions can occur during vehicle operation (running losses) or when the vehicle is not being operated (diurnal, hot soak and resting losses). For example, evaporative emissions occur when increasing temperatures cause the vapor in gasoline fuel tanks and fuel systems to expand, displacing ROG vapors into the atmosphere unless they are contained by an on-board vapor recovery system.

The following are a description of the ten On-Road Motor Vehicles summary categories.

1. Light Duty Passenger: Catalytic and non-catalytic converter equipped gasoline engine and diesel engine automobiles designed primarily for transportation and having a design capacity of 12 persons or less.
2. Light Duty Trucks: Catalytic and non-catalytic converter equipped gasoline engine and diesel engine trucks rated at less than or equal to 6,000 pounds gross vehicle weight designed primarily for transportation of property but also including most Sport Utility Vehicles (SUV).
3. Medium Duty Trucks: Catalytic and non-catalytic converter equipped gasoline engine and diesel engine trucks from 6,001 to 8,500 pounds gross vehicle weight. Some larger SUV are included in this vehicle class.
4. Light Heavy Duty Gas Trucks: Catalytic and non-catalytic converter equipped gasoline engine trucks from 8,501 to 14,000 pounds gross vehicle weight.
5. Medium Heavy Duty Gas Trucks: Catalytic and non-catalytic converter equipped gasoline engine trucks from 14,001 to 33,000 pounds gross vehicle weight.
6. Light Heavy Duty Diesel Trucks: Diesel engine trucks from 8,501 to 14,000 pounds gross vehicle weight.
7. Medium Heavy Duty Diesel Trucks: Diesel engine trucks from 14,001 to 33,000 pounds gross vehicle weight.

8. Heavy Heavy Duty Diesel Trucks: Diesel engine trucks greater than 33,000 pounds gross vehicle weight.
9. Motorcycles: Non-catalytic converter equipped gasoline engines in vehicles with not more than three wheels and weighing less than 1,500 pounds.
10. Heavy Duty Diesel Urban Buses: Diesel engine buses typically used for municipal transportation.

A.1.6.2 Other Mobile Sources

The Other Mobile Sources major source category pertains to emission sources that do not produce their emissions on roads and highways, such as ships, boats, airplanes, trains, residential utility equipment, and construction equipment. Although the ARB has the primary responsibility for estimating the emissions from these categories, the District currently estimates the emissions from ships and aircraft. Virtually all emissions are related to fuel combustion in engines. Marine vessel emissions occur in the State Tidelands and the Outer Continental Shelf, where they are a very significant source of NO_x and SO_x emissions. The seven summary categories are as follows:

1. Aircraft: Primarily CO and ROG emissions from piston and jet powered commercial, civil, and military aircraft, and agricultural crop dusting.
2. Trains: Primarily NO_x combustion emissions from locomotives on the railway line linking the Los Angeles area with the San Francisco Bay area.
3. Ships and Commercial Boats: Tankers operating in the State Tidelands, a variety of large tanker and cargo vessels traversing the Santa Barbara Channel, and crew and supply boats servicing offshore oil production platforms produce significant quantities of NO_x, SO_x and CO emissions.
4. Recreational Boats: CO and ROG emissions from gasoline and diesel powered boats.
5. Off-Road Recreational Vehicles: CO and ROG emissions from four-wheel drive all-terrain and off-road passenger vehicles, and off-road motorcycles.
6. Commercial/Industrial Mobile Equipment: Substantial CO and NO_x emissions from gasoline, diesel and LPG powered construction and industrial equipment. Light duty equipment with engines less than 175 horsepower, such as forklifts, mobile cranes, airport ground

support equipment, portable generators, compressors, and pumps. Heavy-duty non-farm equipment with engines greater than or equal to 175 horsepower including construction equipment such as pavers, scrapers, loaders and mining equipment. This category also includes diesel powered refrigeration units on trucks and trailers.

- 7 Farm Equipment: CO and NO_x emissions from gasoline and diesel heavy duty farm equipment, including tractors, mowers, combines and other mobile agricultural equipment.

A.1.7 NATURAL SOURCES

The *Natural Sources* emission inventory division consists of emissions that are non-anthropogenic, or not man-made. Emission estimates for these categories tend to be difficult to quantify with any degree of certainty. Non-anthropogenic emissions are excluded from the PEI used in Chapter 9 for federal Rate-of-Progress calculations, but they are included in the AEI for photochemical modeling and attainment demonstration purposes. There is only one major source category, named Natural Sources, and three summary categories of Natural Sources emissions.

1. Biogenic Sources: ROG emissions from vegetation, typically estimated using a complex regional model incorporating biomass types and distribution, plant species emission factors and climate correction factors. Soil microorganisms contribute some NO_x emissions.
2. Geogenic Sources: ROG emissions from naturally occurring oil and gas seeps located off the southern coast of Santa Barbara County. Seep emissions flow out from subsurface sources on the ocean floor, primarily in the State Tidelands and exhibit a high degree of temporal and spatial variability.
3. Wildfires: Timber, grass and brush wildfires. This is different from the planned or prescribed burn fires that are part of the Area-Wide Source division, Miscellaneous Processes major source category, Waste Burning and Disposal summary category. CO and PM are the most significant pollutants.

A.2 ANNUAL AND PLANNING EMISSION INVENTORIES

A.2.1 ANNUAL EMISSION INVENTORIES

The 1998 Clean Air Plan (1998 CAP) uses the 1990 and 1996 Annual Emission Inventories as the foundation for planning purposes. The 1990 Annual Emission Inventory (AEI) is the used as the “Base-Year”, from which forecasted emissions are measured against to determine emission reductions. This is known as determining Rate-of-Progress, and is discussed in Chapter 9 in the 1998 CAP . The 1990 Base-Year AEI was updated in this plan by using the 1996 AEI. The 1996 AEI is our most current data available and utilizes the most reliable emission estimation techniques.

Updating of the 1990 Base-Year AEI is consistent with the policy of the ARB. The 1990 Base-Year AEI has been revised to incorporate the most reliable emission factors, emission calculation methods, and estimation techniques to make it as accurate as the 1996 AEI. Additional adjustments were made to the 1990 Base-Year AEI to incorporate the revised definition of reactive organic gases, which now excludes ethane, acetone and perchloroethylene.

A.2.2 PLANNING EMISSION INVENTORIES

A Planning Emission Inventory (PEI) is essentially a modified subset of an Annual Emission Inventory (AEI). The PEI basically differs from an AEI in four ways. First, an AEI contains the ozone precursor pollutants of ROG, NO_x, and CO, as well as SO_x and PM. The PEI only contains the three ozone precursor pollutants. Second, the creation of the PEI involves adjusting the AEI to account for seasonal variation because most exceedances of the Federal Ozone Standard occur during the April to October ozone season. Third, the emissions from natural sources such as biogenics, oil and gas seeps, and wildfires that are in the AEI are excluded from the PEI since they are neither regulated nor controlled. And lastly, the annual emissions in the AEI are converted to daily emissions in the PEI.

A modified version of the 1996 Annual Emission Inventory, known as a “Planning Emission Inventory”, will be used as the baseline to forecast emissions for the years 1999 and 2005.

A.3 EMISSION FORECASTING

A.3.1 INTRODUCTION

This appendix presents three emission inventories of reactive organic gases (ROG), oxides of nitrogen (NO_x), and carbon monoxide (CO) emissions in Santa Barbara County and the Outer Continental Shelf (OCS), offshore of Santa Barbara County. These inventories are the 1996 Planning Emission Inventory, the 1999 Planning Emission Inventory Forecast, and the 2005 Planning Emission Inventory Forecast.

The 1999 Planning Emission Inventory Forecast is used to determine if the 1998 CAP’s emission control strategies will achieve a 24% reduction in ROG emissions between 1990 and 1999. Per USEPA guidance, the 24% reduction in ROG emissions represents a combination of the 15% ROG emission reduction required by 1996 under Section 182(b) plus a 9% ROG emission reduction required by 1999 under Section 182(c). The 1999 Planning Emission Inventory Forecast is used to corroborate emission ratio techniques used by the ARB in photochemical modeling to demonstrate attainment of the 1-hour federal ozone standard by 1999.

The 2005 Planning Emission Inventory Forecast is prepared to assess emission trends at the attainment date specified for Severe non-attainment areas (Severe is the next higher classification beyond our current status of Serious.) This inventory provides an advanced view of future emission levels that we may have to analyze if we fail to attain the 1-hour federal ozone standard by 1999. Thus, the 2005 Planning Emission Inventory Forecast is informational in nature and has no specific regulatory requirement at this time.

Both the 1999 and 2005 Planning Emission Inventory Forecasts are based on the 1996 Annual Emission Inventory. This inventory was used for the forecasts, and has been converted to the *1996 Planning Emission Inventory*.

A.3.2 EMISSION FORECAST

To forecast future year emissions, estimates of the changes in the level of pollution producing activities are applied to the 1996 Planning Emission Inventory. In addition, emission reductions resulting from local controls adopted by the APCD Board of Directors after 1990 and from state-wide regulations adopted by the ARB are estimated and subtracted from the emission inventory.

The 1999 Planning Emission Inventory Forecast of emissions is used to demonstrate that the emission control measures, described in Chapters 4 and 5 of the 1998 CAP, will reduce enough emissions to achieve the Rate-of-Progress target level and 1-hour federal ozone standard in 1999. (Future Air Quality is discussed in Chapter 7 and the Rate-of-Progress is discussed in Chapter 9.)

One special adjustment that is made to the forecast inventories is the accounting of emission reduction credits (ERCs) that were banked prior to 1990. ERC's are previous reductions in emissions that can be credited to allow increased emissions from a new or modified stationary source. USEPA policy mandates that pre-1990 ERC's must be treated as potential growth in forecast years. Currently, only Vandenberg Air Force Base has banked ERC's that may be used toward future growth. Total available ERC's from Vandenberg Air Force Base as of the 4th quarter 1996 were 0.003 tons per day ROG, 0.173 tons per day NOx, 0.01 tons per day SOx, 0.049 tons per day CO, and 0.054 tons per day PM.

A.3.3 ACTIVITY INDICATORS

Forecasting quantities of pollution in future years is accomplished by assuming that the amount of pollution is related to activity levels of selected *activity indicators*. Examples of activity indicators include population, housing, employment, oil production, number of producing oil wells, daily vehicle

miles traveled, and daily vehicle starts. The Santa Barbara County Association of Governments (SBCAG) was the source for several of the activity indicator estimates. The ARB, and other state and local agencies also contributed activity data. These data represent the best available estimates of future activity levels for the county. The *activity factor* is the ratio of the 1999 and 2005 forecast levels of activity to the 1996 level of activity. An activity factor greater than one indicates an increase in growth, while an activity factor of less than one indicates a decline in growth for each activity relative to 1996. Table A-4 provides the 1996 level of activity, the predicted 1999 and 2005 levels of activity, the activity factors, and the source of the forecast for each of the activity indicators. Table A-5 displays the activity indicator for each emission inventory category.

An activity indicator was assigned to each Stationary Source and Area-Wide Source category described in Sections 1.4 and 1.5, and Other Mobile Sources in Section 1.6.2. On-Road Motor Vehicles are forecasting separately. To forecast future year emissions, the quantity of emissions from each source in 1996 is multiplied by the activity factor of its assigned activity indicator. The resulting quantities predict the future year emissions that would result if no additional controls were implemented after 1990.

The forecasting of On-Road Motor Vehicle emissions was conducted differently from the other components of the inventory. On-Road Motor Vehicles emissions are forecast by SBCAG for each class of vehicle using activity data generated by the SBCAG Travel Model. This vehicle activity data is then used as input to other emission models to estimate the On-Road Motor Vehicle Emission Inventory for the forecast years.

A.3.4 CONTROL MEASURES

The next step in forecasting future year emissions is to account for regulations and control measures scheduled for implementation since 1990. Emission reductions are achieved through implementation of federal, state and local controls on a variety of pollution sources, including Stationary Sources, Area-Wide Sources, and Mobile Sources.

The emissions from each source were reduced according to the expected efficiency of any control measures that apply to that source, taking into account any existing level of control. The efficiencies for each control measure and how they are calculated are provided in Appendix B, Stationary Source Emission Control Documentation. Estimated efficiencies take into account equipment (design) efficiencies, exemptions, phased implementations, and expected rates of compliance (assumed to be a default 80%, as recommended in USEPA guidelines). The resulting emissions after the application of control measures represent a forecast seasonally adjusted emission inventory. A list of emission categories by rules and control measures is displayed in Table A-6.

A.3.5 VANDENBERG AIR FORCE BASE GROWTH CONFORMITY

The last step in preparing the forecast emission inventory, involved adding emissions expected to result from an increase in commercial rocket launch activity at Vandenberg Air Force Base (VAFB). ROG and NO_x emissions are anticipated to result from construction of expanded launch facilities, from the operation of motor vehicles by personnel involved in the launch activities, and from the launches themselves.

Annual ozone precursor emissions from increased launch activity for each year through 2005 can be found in Table A-13. The forecast annual emissions provided by VAFB were divided by 365 to estimate daily emissions, which are included in the planning emission inventory forecast tables.

The following tables describe the Annual Emission Inventories, the Planning Emission Inventory Forecasts, and the activity indicator data used to provide the forecasts.

TABLE A – 4

1998 CLEAN AIR PLAN ACTIVITY INDICATORS AND FACTORS FOR 1999 AND 2005							
ACTIVITY INDICATOR	UNITS	VALUE			FACTOR		INFORMATION SOURCE
		1996	1999	2005	1999	2005	
AG-ACRES	ACRES	115,676	115,953	117,437	1.002	1.015	Ag. Commissioner's Crop Report
AIRCRAFT OPERATIONS	OPERATIONS	280,569	306,468	429,148	1.092	1.530	SBCAG 1998 RTIP
DAILY VEHICLE MILES ^a	1000 MILES TRAVELLED	8,606	9,496	10,173	1.103	1.182	SBCAG
EMP-COMMERCIAL	EMPLOYEES	79,318	83,467	91,800	1.052	1.157	SBCAG
EMP-INDUSTRIAL	EMPLOYEES	26,946	28,211	30,171	1.047	1.120	SBCAG
HOUSING	HOUSEHOLDS	134,686	138,151	144,522	1.026	1.073	SBCAG
LANDFILLS	1000 TONS IN PLACE	14,187	15,659	18,506	1.104	1.304	SBCAPCD
LOCOMOTIVES	1000 GALLONS BURNED	4,003	3,911	3,835	0.977	0.958	CARB/Booz-Allen & Hamilton ^b
NO GROWTH	NO UNITS	1	1	1	1.000	1.000	SBCAPCD
PESTICIDE USE	TONS PESTICIDES APPLIED	2,264	2,391	2,389	1.056	1.055	CA DEPT. OF PESTICIDE REG.
PETROLEUM PROD'N	1000 BARRELS	4,602	3,568	2,073	0.775	0.450	CA DIVISION OF OIL & GAS
PETROLEUM WELLS	PRODUCING AND INACTIVE	2561	2493	2167	0.973	0.846	CA DIVISION OF OIL & GAS
POPULATION	RESIDENTS	398,574	411,804	437,398	1.033	1.097	SBCAG
PRESCRIBED FIRES	ACRES	1,500	7,150	12,325	4.767	8.217	US FOREST SERVICE
SHIP ACTIVITY	VESSEL TRANSITS	7,729	7,806	7,960	1.010	1.030	SBCAPCD/VCAPCD/SCAQMD

^a Gasoline vehicles only

^b Activity factors are composites of pollutant-specific factors developed by source.

TABLE A - 1

1996 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/Y			
	ROG	NO _x	CO	SO _x

STATIONARY SOURCES DIVISION**FUEL COMBUSTION*****ELECTRIC UTILITIES***

I.C. RECIPROCATING ENGINES	0.00	0.00	0.00	0.00
I.C. TURBINE ENGINES (NATURAL GAS)	0.11	6.38	4.14	0.02
<i>ELECTRIC UTILITIES TOTAL</i>	0.11	6.38	4.14	0.02

COGENERATION

I.C. RECIPROCATING ENGINES	0.00	0.00	0.00	0.00
OTHER (FUEL - UNSPECIFIED)	0.04	0.67	0.13	0.00
<i>COGENERATION TOTAL</i>	0.04	0.67	0.13	0.00

OIL AND GAS PRODUCTION (COMBUSTION)

BOILERS (NATURAL GAS)	0.40	17.06	6.66	10.36
PROCESS HEATERS (NATURAL GAS)	0.78	12.73	4.67	2.46
PROCESS HEATERS (PROCESS GAS)	0.37	6.92	2.39	1.11
STEAM GENERATORS (NATURAL GAS)	0.02	1.34	0.33	0.13
STEAM GENERATORS (PROCESS GAS)	0.03	1.20	0.30	0.14
I.C. RECIPROCATING ENGINES (NATURAL GAS)	123.22	967.14	899.06	19.79
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	1.51	24.47	14.88	0.69
I.C. TURBINE ENGINES (NATURAL GAS)	9.85	65.63	60.25	3.71
DRILLING RIGS (DIESEL)	0.51	6.45	4.54	0.47
<i>OIL AND GAS PRODUCTION (COMBUSTION) TOTAL</i>	136.69	1,102.94	993.08	38.86

PETROLEUM REFINING (COMBUSTION)

BOILERS (NATURAL GAS)	0.04	12.89	3.17	12.19
PROCESS HEATERS (NATURAL GAS)	0.36	13.66	3.25	13.91
<i>PETROLEUM REFINING (COMBUSTION) TOTAL</i>	0.40	26.55	6.42	26.10

MANUFACTURING AND INDUSTRIAL

BOILERS (NATURAL GAS)	0.05	5.08	1.04	0.27
BOILERS (PROPANE)	0.01	0.46	0.08	0.07
PROCESS HEATERS (NATURAL GAS)	7.11	148.83	67.72	0.09
PROCESS HEATERS (DISTILLATE OIL)	1.13	6.06	16.42	1.15
I.C. RECIPROCATING ENGINES (NATURAL GAS)	0.07	1.76	0.00	0.00
I.C. RECIPROCATING ENGINES (GASOLINE)	0.06	0.05	1.89	0.00
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	1.29	15.27	3.61	0.25
OTHER (NATURAL GAS)	1.20	10.41	7.86	2.32
OTHER (LIQUIFIED PETROLEUM GAS - LPG)	0.05	3.04	0.72	0.00
OTHER (DISTILLATE OIL)	0.19	3.04	3.21	0.92
OTHER (RESIDUAL OIL)	0.10	5.16	0.50	13.77
<i>MANUFACTURING AND INDUSTRIAL TOTAL</i>	11.25	199.15	103.05	18.84

FOOD AND AGRICULTURAL PROCESSING

BOILERS	0.00	0.00	0.00	0.00
PROCESS HEATERS	0.00	0.00	0.00	0.00
AGRICULTURAL IRRIGATION I.C. ENGINES (DIESEL/DISTILLATE OIL)	46.99	574.03	127.61	6.96
OTHER (LIQUID FUEL - UNSPECIFIED)	0.67	0.00	0.00	0.10

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1996 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/Y			
	ROG	NO _x	CO	SO _x
<i>FOOD AND AGRICULTURAL PROCESSING TOTAL</i>	47.66	574.03	127.61	7.06
<i>SERVICE AND COMMERCIAL</i>				
BOILERS (NATURAL GAS)	0.63	14.81	22.58	1.93
BOILERS (PROPANE)	0.00	0.09	0.02	0.01
BOILERS (DISTILLATE OIL)	0.02	1.08	0.27	0.46
SPACE HEATING (NATURAL GAS)	1.86	58.54	11.71	0.35
WATER HEATING (NATURAL GAS)	0.56	17.44	3.49	0.10
I.C. RECIPROCATING ENGINES (NATURAL GAS)	4.74	2.74	22.10	0.03
I.C. RECIPROCATING ENGINES (GASOLINE)	0.10	0.08	3.14	0.00
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	1.14	12.42	4.22	0.44
I.C. TURBINE ENGINES (NATURAL GAS)	0.40	5.40	5.55	0.05
OTHER (NATURAL GAS)	2.40	75.68	15.14	0.45
OTHER (LIQUIFIED PETROLEUM GAS - LPG)	0.68	15.03	2.76	0.00
OTHER (DISTILLATE OIL)	0.17	7.28	1.93	2.72
OTHER (RESIDUAL OIL)	0.00	0.16	0.02	0.43
<i>SERVICE AND COMMERCIAL TOTAL</i>	12.69	210.75	92.93	6.97
<u>FUEL COMBUSTION TOTAL</u>	208.84	2,120.47	1,327.36	97.85
<u>WASTE DISPOSAL</u>				
<i>LANDFILLS</i>				
CLASS II AND III LANDFILLS (MUNICIPAL SOLID WASTE)	152.11	0.00	0.00	0.00
FLARES	0.00	0.00	0.00	0.00
<i>LANDFILLS TOTAL</i>	152.11	0.00	0.00	0.00
<i>INCINERATORS</i>				
INCINERATION (NATURAL GAS)	0.19	0.49	0.30	0.00
<i>INCINERATORS TOTAL</i>	0.19	0.49	0.30	0.00
<u>WASTE DISPOSAL TOTAL</u>	152.30	0.49	0.30	0.00
<u>CLEANING AND SURFACE COATINGS</u>				
<i>DRY CLEANING</i>				
DRY CLEANING	0.00	0.00	0.00	0.00
<i>DRY CLEANING TOTAL</i>	0.00	0.00	0.00	0.00
<i>DEGREASING</i>				
MANUFACTURING DEGREASING: ISOPROPANOL (IPA)	18.39	0.00	0.00	0.00
MANUFACTURING DEGREASING: STODDARD SOLVENT	1.24	0.00	0.00	0.00
MANUFACTURING DEGREASING: PETROLEUM BASED SOLVENTS	23.61	0.00	0.00	0.00
MAINTENANCE DEGREASING: STODDARD SOLVENT	0.19	0.00	0.00	0.00
MAINTENANCE DEGREASING: DEGREASING SOLVENTS (UNSPECIFIED)	33.78	0.00	0.00	0.00
COMMERCIAL DEGREASING: PETROLEUM BASED SOLVENTS	165.15	0.00	0.00	0.00
<i>DEGREASING TOTAL</i>	242.37	0.00	0.00	0.00
<i>COATINGS AND RELATED PROCESS SOLVENTS</i>				
PREPARATION SOLVENTS	0.00	0.00	0.00	0.00

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1996 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/Y)			
	ROG	NOx	CO	SOx
AUTO REFINISHING (UNSPECIFIED COATINGS)	81.86	0.00	0.00	0.00
METAL FURNITURE AND FIXTURE COATINGS (COATINGS)	0.61	0.00	0.00	0.00
METAL PARTS AND PRODUCTS COATINGS (COATINGS)	18.31	0.00	0.00	0.00
WOOD FURNITURE AND FABRICATED PRODUCTS (COATINGS)	21.21	0.00	0.00	0.00
AIRCRAFT COATINGS	0.00	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: ISOPROPANOL (IPA)	2.32	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: MINERAL SPIRITS	4.94	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: XYLENES	0.21	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: COATINGS (UNSPECIFIED)	129.82	0.00	0.00	0.00
THINNING SOLVENTS: COATINGS (UNSPECIFIED)	3.43	0.00	0.00	0.00
OTHER COATINGS (UNSPECIFIED)	287.04	0.00	0.00	0.00
OTHER OIL BASED (ORGANIC SOLVENT BASED) COATINGS	1.46	0.00	0.00	0.00
COATINGS AND RELATED PROCESS SOLVENTS TOTAL	551.21	0.00	0.00	0.00
PRINTING				
OTHER (UNSPECIFIED SOLVENTS)	149.83	0.00	0.00	0.00
PRINTING TOTAL	149.83	0.00	0.00	0.00
OTHER (CLEANING AND SURFACE COATINGS)				
ADHESIVES AND SEALANTS (UNSPECIFIED)	0.23	0.00	0.00	0.00
ORGANIC SOLVENT BASED ADHESIVES AND SEALANTS (UNSPECIFIED)	91.16	0.00	0.00	0.00
WATER BASED ADHESIVES AND SEALANTS (UNSPECIFIED)	183.34	0.00	0.00	0.00
OTHER (UNSPECIFIED SOLVENTS)	30.71	0.00	0.00	0.00
OTHER (CLEANING AND SURFACE COATINGS) TOTAL	305.43	0.00	0.00	0.00
CLEANING AND SURFACE COATINGS TOTAL	1,248.84	0.00	0.00	0.00
PETROLEUM PRODUCTION AND MARKETING				
OIL AND GAS PRODUCTION				
FUGITIVE LOSSES - SUMPS AND PITS (CRUDE OIL)	78.38	0.00	0.00	0.00
FUGITIVE LOSSES - VALVES (NATURAL GAS)	3.53	0.00	0.00	0.00
FUGITIVE LOSSES - VALVES (CRUDE OIL)	322.17	0.00	0.00	0.00
FUGITIVE LOSSES - FITTINGS (CRUDE OIL)	82.81	0.00	0.00	0.00
FUGITIVE LOSSES - PUMPS (CRUDE OIL)	5.71	0.00	0.00	0.00
FUGITIVE LOSSES - COMPRESSORS (CRUDE OIL)	3.30	0.00	0.00	0.00
FUGITIVE LOSSES - WELL CELLARS (CRUDE OIL)	197.57	0.00	0.00	0.00
FUGITIVE LOSSES - OIL/WATER SEPARATORS (CRUDE OIL)	16.83	0.00	0.00	0.00
MISCELLANEOUS FUGITIVE LOSSES (CRUDE OIL)	99.36	0.00	0.00	0.00
VAPOR RECOVERY/FLARES (NATURAL GAS)	15.23	19.12	67.70	1.57
VAPOR RECOVERY/FLARES (PROCESS GAS)	12.08	16.15	54.56	6.11
FLOATING ROOF TANKS - BREATHING LOSSES (CRUDE OIL)	0.01	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (CRUDE OIL)	0.40	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (CRUDE OIL - RVP 5)	16.78	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (CRUDE OIL - RVP 5)	25.97	0.00	0.00	0.00
WASTEWATER TREATMENT (CRUDE OIL)	4.41	0.00	0.00	0.00
TERTIARY OIL PRODUCTION WELLS (UNSPECIFIED) (CRUDE OIL)	2.54	0.00	0.00	0.00
NATURAL GAS PRODUCTION	0.06	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (DIESEL/DISTILLATE OIL)	1.17	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (CRUDE OIL)	7.41	0.00	0.00	0.00
OTHER (CRUDE OIL)	15.43	0.00	0.00	0.00

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1996 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/Y			
	ROG	NOx	CO	SOx
<i>OIL AND GAS PRODUCTION TOTAL</i>	911.15	35.27	122.26	7.68
<i>PETROLEUM REFINING</i>				
FUGITIVE LOSSES - VALVES (HYDROCARBON COMPOUNDS)	7.96	0.00	0.00	0.00
FLOATING ROOF TANKS - BREATHING LOSSES (JET NAPHTHA (JP-4))	0.01	0.00	0.00	0.00
FLOATING ROOF TANKS - BREATHING LOSSES (CRUDE OIL - RVP 5)	4.52	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (DISTILLATE OIL #2)	0.13	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (JET NAPHTHA - JP-4)	0.11	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (CRUDE OIL)	0.19	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (DIESEL #2)	0.41	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (DIESEL #2)	0.16	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (DIESEL/DISTILLATE OIL)	13.10	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (JET FUEL)	0.08	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (CRUDE OIL)	0.32	0.00	0.00	0.00
<i>PETROLEUM REFINING TOTAL</i>	26.99	0.00	0.00	0.00
<i>PETROLEUM MARKETING</i>				
FUGITIVE LOSSES - VALVES (CRUDE OIL)	0.09	0.00	0.00	0.00
FUGITIVE LOSSES - FITTINGS (CRUDE OIL)	0.12	0.00	0.00	0.00
NATURAL GAS TRANSMISSION LOSSES (NATURAL GAS)	22.36	0.00	0.00	0.00
FLOATING ROOF TANKS - BREATHING LOSSES (CRUDE OIL - RVP 5)	3.97	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (CRUDE OIL)	0.26	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (GASOLINE - RVP 10)	0.07	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (DIESEL #2)	0.14	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (DIESEL #2)	0.01	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (CRUDE OIL - RVP 5)	5.98	0.00	0.00	0.00
TANKER LOADING (CRUDE OIL)	0.88	0.00	0.00	0.00
BARGE LOADING (CRUDE OIL)	1.43	0.00	0.00	0.00
FUEL DISPENSING TANKS - WORKING LOSSES (GASOLINE)	58.99	0.00	0.00	0.00
FUEL DISPENSING TANKS - BREATHING LOSSES (GASOLINE)	18.36	0.00	0.00	0.00
VEHICLE REFUELING - VAPOR DISPLACEMENT LOSSES (GASOLINE)	94.42	0.00	0.00	0.00
VEHICLE REFUELING - SPILLAGE (GASOLINE)	34.13	0.00	0.00	0.00
BULK PLANTS/TERMINALS - GASOLINE STORAGE - BREATHING LOSSES	4.81	0.00	0.00	0.00
BULK PLANTS/TERMINALS - GASOLINE STORAGE - WORKING LOSSES	1.40	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (GASOLINE)	1.86	0.00	0.00	0.00
STORAGE/TRANSPORT CONTAINER CLEANING (DRUMS)	0.00	0.00	0.00	0.00
OTHER (GASOLINE)	0.30	0.00	0.00	0.00
<i>PETROLEUM MARKETING TOTAL</i>	249.58	0.00	0.00	0.00
<u>PETROLEUM PRODUCTION AND MARKETING TOTAL</u>	1,187.72	35.27	122.26	7.68
<u>INDUSTRIAL PROCESSES</u>				
<i>CHEMICAL</i>				
FIXED ROOF TANKS - WORKING LOSSES (CHEMICALS - UNSPECIFIED)	0.01	0.00	0.00	0.00
FIBERGLASS PRODUCTS MANUFACTURING	4.22	0.00	0.00	0.00
PLASTICS AND PLASTIC PRODUCTS MANUFACTURING	0.54	0.00	0.00	0.00
<i>CHEMICAL TOTAL</i>	4.77	0.00	0.00	0.00
<i>FOOD AND AGRICULTURE</i>				
WINE FERMENTATION	7.43	0.00	0.00	0.00
WINE AGING	28.36	0.00	0.00	0.00

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1996 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/Y			
	ROG	NOx	CO	SOx
AGRICULTURAL CROP PROCESSING LOSSES (FOOD/AG. PRODUCTS)	0.00	0.00	0.00	0.00
AGRICULTURAL CROP PROCESSING LOSSES (SOYBEAN)	0.00	0.00	0.00	0.00
FOOD AND AGRICULTURE TOTAL	35.79	0.00	0.00	0.00
MINERAL PROCESSES				
SAND AND GRAVEL EXCAVATION/PROCESSING (MINERALS/ METALS)	0.00	0.00	0.00	0.00
SAND AND GRAVEL EXCAVATION/PROCESSING (SAND/AGGREGATE)	0.00	0.00	0.00	0.00
ASPHALTIC CONCRETE PRODUCTION	0.00	0.00	0.00	0.00
SURFACE BLASTING (MINERAL AND METAL PRODUCTS)	0.00	0.00	0.00	0.00
CEMENT CONCRETE MANUFACTURING AND FABRICATION	0.00	0.00	0.00	0.00
LIME MANUFACTURING (LIME)	0.00	0.00	0.00	0.00
LIME MANUFACTURING (LIMESTONE)	0.00	0.00	0.00	0.00
STORAGE PILES (CEMENT CONCRETE)	0.00	0.00	0.00	0.00
STORAGE PILES (SAND/AGGREGATE)	0.00	0.00	0.00	0.00
DIATOMACEOUS EARTH PROCESSING	0.00	0.00	0.00	446.58
OTHER (NON-METALLIC MINERALS - UNSPECIFIED)	0.00	0.00	0.00	0.00
OTHER (SAND/AGGREGATE)	0.00	0.00	0.00	0.00
MINERAL PROCESSES TOTAL	0.00	0.00	0.00	446.58
OTHER (INDUSTRIAL PROCESSES)				
OTHER (MATERIAL NOT SPECIFIED)	0.00	2.30	100.60	0.00
OTHER (INDUSTRIAL PROCESSES) TOTAL	0.00	2.30	100.60	0.00
INDUSTRIAL PROCESSES TOTAL	40.56	2.30	100.60	446.58
STATIONARY SOURCES DIVISION TOTAL	2,838.26	2,158.53	1,550.52	552.11

AREA-WIDE SOURCES DIVISION**SOLVENT EVAPORATION****CONSUMER PRODUCTS**

AEROSOL PAINT PROPELLANTS (UNSPECIFIED COATINGS)	54.35	0.00	0.00	0.00
AEROSOL PAINT SOLVENTS (UNSPECIFIED COATINGS)	94.43	0.00	0.00	0.00
AEROSOL PRODUCT PROPELLANTS (UNSPECIFIED SOLVENTS)	120.74	0.00	0.00	0.00
AEROSOL PRODUCT SOLVENTS (UNSPECIFIED SOLVENTS)	365.46	0.00	0.00	0.00
NON-AEROSOL SOLVENTS (UNSPECIFIED SOLVENTS)	514.27	0.00	0.00	0.00
CONSUMER PRODUCTS TOTAL	1,149.26	0.00	0.00	0.00

ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENT SU

ARCHITECTURAL COATINGS (OIL BASED COATINGS)	298.01	0.00	0.00	0.00
ARCHITECTURAL COATINGS (WATER BASED COATINGS)	159.71	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS - COATINGS (UNSPECIFIED)	58.00	0.00	0.00	0.00
ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENT	515.72	0.00	0.00	0.00

PESTICIDES/FERTILIZERS

AGRICULTURAL PESTICIDES: METHYL BROMIDE	402.70	0.00	0.00	0.00
AGRICULTURAL PESTICIDES: NON - METHYL BROMIDE PESTICIDES	446.72	0.00	0.00	0.00

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1996 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/Y)			
	ROG	NOx	CO	SOx
AEROSOL RESIDENTIAL PESTICIDES - PROPELLANTS	15.55	0.00	0.00	0.00
AEROSOL RESIDENTIAL PESTICIDES - INGREDIENTS	44.13	0.00	0.00	0.00
STRUCTURAL PESTICIDES: METHYL BROMIDE	0.16	0.00	0.00	0.00
STRUCTURAL PESTICIDES: NON - METHYL BROMIDE PESTICIDES	26.41	0.00	0.00	0.00
PESTICIDES/FERTILIZERS TOTALS	935.67	0.00	0.00	0.00
ASPHALT PAVING				
CUTBACK ASPHALT	45.28	0.00	0.00	0.00
ROAD OILS (ASPHALT)	34.96	0.00	0.00	0.00
HOT-MIX ASPHALT	0.30	0.00	0.00	0.00
EMULSIFIED ASPHALT	17.46	0.00	0.00	0.00
ASPHALT PAVING TOTAL	97.99	0.00	0.00	0.00
OTHER (SOLVENT EVAPORATION)				
ASPHALT ROOFING OPERATIONS	19.01	0.00	0.00	0.00
OTHER (SOLVENT EVAPORATION) TOTAL	19.01	0.00	0.00	0.00
<u>SOLVENT EVAPORATION TOTAL</u>	2,717.65	0.00	0.00	0.00
<u>MISCELLANEOUS</u>				
RESIDENTIAL FUEL COMBUSTION				
WOOD COMBUSTION - WOOD STOVES	25.52	5.16	419.60	0.79
WOOD COMBUSTION - FIREPLACES	156.54	31.64	3,074.33	4.87
FUEL COMBUSTION - SPACE HEATING (NATURAL GAS)	4.00	126.13	25.23	0.76
FUEL COMBUSTION - SPACE HEATING (DISTILLATE OIL)	0.05	0.44	0.13	0.18
FUEL COMBUSTION - WATER HEATING (NATURAL GAS)	0.74	137.78	14.43	0.66
FUEL COMBUSTION - COOKING (NATURAL GAS)	0.71	16.41	13.33	0.13
OTHER (NATURAL GAS)	1.55	33.32	14.18	0.21
OTHER (LIQUIFIED PETROLEUM GAS - LPG)	0.52	10.08	2.05	0.02
RESIDENTIAL FUEL COMBUSTION TOTAL	189.63	360.96	3,563.28	7.62
FARMING OPERATIONS				
TILLING DUST	0.00	0.00	0.00	0.00
HARVEST OPERATIONS - DUST	0.00	0.00	0.00	0.00
CATTLE FEEDLOT DUST	0.00	0.00	0.00	0.00
FARMING OPERATIONS TOTAL	0.00	0.00	0.00	0.00
CONSTRUCTION AND DEMOLITION				
BUILDING CONSTRUCTION DUST - RESIDENTIAL	0.00	0.00	0.00	0.00
BUILDING CONSTRUCTION DUST- COMMERCIAL	0.00	0.00	0.00	0.00
BUILDING CONSTRUCTION DUST- INDUSTRIAL	0.00	0.00	0.00	0.00
BUILDING CONSTRUCTION DUST - INSTITUTIONAL	0.00	0.00	0.00	0.00
ROAD CONSTRUCTION DUST	0.00	0.00	0.00	0.00
CONSTRUCTION AND DEMOLITION TOTAL	0.00	0.00	0.00	0.00
PAVED ROAD DUST				
PAVED ROAD TRAVEL DUST - FREEWAYS	0.00	0.00	0.00	0.00
PAVED ROAD TRAVEL DUST - MAJOR STREETS	0.00	0.00	0.00	0.00
PAVED ROAD TRAVEL DUST - COLLECTOR STREETS	0.00	0.00	0.00	0.00

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1996 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/Y)			
	ROG	NOx	CO	SOx
PAVED ROAD TRAVEL DUST - LOCAL STREETS	0.00	0.00	0.00	0.00
<i>PAVED ROAD DUST TOTAL</i>	0.00	0.00	0.00	0.00
<i>UNPAVED ROAD DUST</i>				
UNPAVED ROAD TRAVEL DUST- CITY AND COUNTY ROADS	0.00	0.00	0.00	0.00
UNPAVED ROAD TRAVEL DUST- U.S. FOREST AND PARK ROADS	0.00	0.00	0.00	0.00
UNPAVED ROAD TRAVEL DUST- B.L.M. ROADS	0.00	0.00	0.00	0.00
UNPAVED ROAD TRAVEL DUST- FARM ROADS	0.00	0.00	0.00	0.00
<i>UNPAVED ROAD DUST TOTAL</i>	0.00	0.00	0.00	0.00
<i>FUGITIVE WINDBLOWN DUST</i>				
DUST FROM AGRICULTURAL LANDS	0.00	0.00	0.00	0.00
DUST FROM PASTURE LANDS	0.00	0.00	0.00	0.00
DUST FROM UNPAVED ROADS AND ASSOCIATED AREAS	0.00	0.00	0.00	0.00
<i>FUGITIVE WINDBLOWN DUST TOTAL</i>	0.00	0.00	0.00	0.00
<i>FIRES</i>				
STRUCTURAL FIRES	2.39	0.98	41.28	0.00
AUTOMOBILE FIRES	0.51	0.07	2.15	0.00
<i>FIRES TOTALS</i>	2.90	1.05	43.43	0.00
<i>WASTE BURNING AND DISPOSAL</i>				
AGRICULTURAL BURNING - PRUNINGS	5.16	0.00	58.59	0.00
AGRICULTURAL BURNING - FIELD CROPS	1.58	0.00	7.78	0.00
RANGE IMPROVEMENT	0.00	0.00	0.00	0.00
FOREST MANAGEMENT	293.97	120.00	2,305.50	0.00
WEED ABATEMENT	0.01	0.00	0.32	0.00
NON-AGRICULTURAL OPEN BURNING	0.02	0.57	0.08	0.06
<i>WASTE BURNING AND DISPOSAL TOTAL</i>	300.73	120.57	2,372.27	0.06
<i>UTILITY EQUIPMENT</i>				
LAWN & GARDEN - FOUR STROKE - RESIDENTIAL (GASOLINE)	48.19	3.70	560.10	0.15
LAWN & GARDEN - FOUR STROKE - COMMERCIAL (GASOLINE)	130.64	7.90	1,343.00	0.36
<i>UTILITY EQUIPMENT TOTAL</i>	178.83	11.60	1,903.10	0.51
<i>OTHER (MISCELLANEOUS PROCESSES)</i>				
COMMERCIAL CHARBROILING (FOOD/AGRICULTURAL PRODUCTS)	30.07	0.00	0.00	0.00
<i>OTHER (MISCELLANEOUS PROCESSES) TOTAL</i>	30.07	0.00	0.00	0.00
<u>MISCELLANEOUS TOTAL</u>	702.16	494.18	7,882.08	8.19
<u>AREA-WIDE SOURCES DIVISION TOTAL</u>	3,419.81	494.18	7,882.08	8.19

MOBILE SOURCES DIVISION**ON-ROAD MOTOR VEHICLES**

TABLE A - 1

1996 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/Y			
	ROG	NOx	CO	SOx

LIGHT DUTY PASSENGER

NON-CATALYST STARTS (GASOLINE)	403.10	44.67	2,099.60	0.00
NON-CATALYST HOT STABILIZED (GASOLINE)	980.43	490.73	6,495.53	2.83
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	59.63	0.00	0.00	0.00
NON-CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	13.73	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	261.80	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	71.97	0.00	0.00	0.00
NON-CATALYST CRANKCASE (GASOLINE)	23.10	0.00	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
CATALYST STARTS (GASOLINE)	1,433.40	898.90	19,557.57	0.00
CATALYST HOT STABILIZED (GASOLINE)	1,102.80	2,719.63	19,957.10	20.10
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	320.20	0.00	0.00	0.00
CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	164.40	0.00	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	344.67	0.00	0.00	0.00
CATALYST DIURNAL (GASOLINE)	138.27	0.00	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
DIESEL STARTS (DIESEL)	3.30	2.90	35.10	0.00
DIESEL HOT STABILIZED (DIESEL)	7.80	40.20	31.00	2.70
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
<i>LIGHT DUTY PASSENGER TOTAL</i>	5,328.60	4,197.03	48,175.90	25.63

LIGHT DUTY TRUCKS

NON-CATALYST STARTS (GASOLINE)	126.43	19.90	664.97	0.00
NON-CATALYST HOT STABILIZED (GASOLINE)	189.23	143.47	1,472.67	0.93
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	20.20	0.00	0.00	0.00
NON-CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	16.63	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	125.23	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	38.37	0.00	0.00	0.00
NON-CATALYST CRANKCASE (GASOLINE)	28.80	0.00	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
CATALYST STARTS (GASOLINE)	722.83	541.77	8,867.43	0.00
CATALYST HOT STABILIZED (GASOLINE)	539.83	1,702.83	8,442.23	10.27
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	92.60	0.00	0.00	0.00
CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	61.40	0.00	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	131.83	0.00	0.00	0.00
CATALYST DIURNAL (GASOLINE)	53.80	0.00	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
DIESEL STARTS (DIESEL)	1.90	2.90	14.40	0.00
DIESEL HOT STABILIZED (DIESEL)	2.50	13.10	10.40	1.10
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
<i>LIGHT DUTY TRUCKS TOTAL</i>	2,151.60	2,423.97	19,472.10	12.30

MEDIUM DUTY TRUCKS

TABLE A - 1

1996 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/Y			
	ROG	NOx	CO	SOx
NON-CATALYST STARTS (GASOLINE)	4.90	0.53	23.17	0.00
NON-CATALYST HOT STABILIZED (GASOLINE)	6.20	3.27	45.13	0.00
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.30	0.00	0.00	0.00
NON-CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.33	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	2.27	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.57	0.00	0.00	0.00
CATALYST STARTS (GASOLINE)	103.77	82.10	1,038.70	0.00
CATALYST HOT STABILIZED (GASOLINE)	88.37	263.07	724.23	1.73
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	10.97	0.00	0.00	0.00
CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	6.40	0.00	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	9.33	0.00	0.00	0.00
CATALYST DIURNAL (GASOLINE)	6.20	0.00	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
MEDIUM DUTY TRUCKS TOTAL	239.60	348.97	1,831.23	1.73
LIGHT HEAVY DUTY GAS TRUCKS				
NON-CATALYST HOT STABILIZED (GASOLINE)	30.23	111.20	668.90	0.70
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	3.60	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	3.07	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	2.17	0.00	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
CATALYST HOT STABILIZED (GASOLINE)	18.80	228.20	316.60	2.60
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	4.83	0.00	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	5.63	0.00	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.87	0.00	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
LIGHT HEAVY DUTY GAS TRUCKS TOTAL	69.20	339.40	985.50	3.30
MEDIUM HEAVY DUTY GAS TRUCKS				
NON-CATALYST HOT STABILIZED (GASOLINE)	21.30	66.37	485.13	0.30
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	1.57	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	2.93	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	2.53	0.00	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
CATALYST HOT STABILIZED (GASOLINE)	3.80	46.80	62.57	0.30
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.43	0.00	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	0.80	0.00	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.10	0.00	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
MEDIUM HEAVY DUTY GAS TRUCKS TOTAL	33.47	113.17	547.70	0.60
LIGHT HEAVY DUTY DIESEL TRUCKS				
DIESEL HOT STABILIZED (DIESEL)	22.40	174.90	139.00	15.80
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
LIGHT HEAVY DUTY DIESEL TRUCKS TOTAL	22.40	174.90	139.00	15.80

TABLE A - 1

1996 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/Y)			
	ROG	NOx	CO	SOx
<i>MEDIUM HEAVY DUTY DIESEL TRUCKS</i>				
DIESEL HOT STABILIZED (DIESEL)	52.40	393.70	290.10	22.20
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
<i>MEDIUM HEAVY DUTY DIESEL TRUCKS TOTAL</i>	52.40	393.70	290.10	22.20
<i>HEAVY HEAVY DUTY DIESEL TRUCKS</i>				
DIESEL HOT STABILIZED (DIESEL)	150.70	1,288.40	786.10	49.50
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
<i>HEAVY HEAVY DUTY DIESEL TRUCKS TOTAL</i>	150.70	1,288.40	786.10	49.50
<i>MOTORCYCLES</i>				
NON-CATALYST STARTS (GASOLINE)	13.33	1.43	69.97	0.00
NON-CATALYST HOT STABILIZED (GASOLINE)	45.23	33.23	204.03	0.10
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.00	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	1.27	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	2.33	0.00	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
<i>MOTORCYCLES TOTAL</i>	62.17	34.67	274.00	0.10
<i>HEAVY DUTY DIESEL URBAN BUSES</i>				
DIESEL HOT STABILIZED (DIESEL)	7.40	76.60	7.80	2.30
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
<i>HEAVY DUTY DIESEL URBAN BUSES TOTAL</i>	7.40	76.60	7.80	2.30
<u>ON-ROAD MOTOR VEHICLES</u>	8,117.54	9,390.81	72,509.43	133.46
<u>OTHER MOBILE SOURCES</u>				
<i>AIRCRAFT</i>				
PISTON AIRCRAFT - COMMERCIAL (AVIATION GASOLINE)	0.18	0.06	0.30	0.01
PISTON AIRCRAFT - CIVIL (AVIATION GASOLINE)	29.30	1.78	1,580.40	0.45
AGRICULTURAL AIRCRAFT (CROP DUSTING) (AVIATION GASOLINE)	0.20	0.10	7.61	0.00
JET AIRCRAFT - MILITARY (JET FUEL)	10.17	53.15	30.90	3.58
JET AIRCRAFT - COMMERCIAL (JET FUEL)	87.97	22.37	141.58	2.12
JET AIRCRAFT - CIVIL (JET FUEL)	39.86	6.97	65.60	1.28
<i>AIRCRAFT TOTAL</i>	167.67	84.43	1,826.39	7.44
<i>TRAINS</i>				
LOCOMOTIVES - ROAD HAULING (DIESEL)	24.87	676.66	81.75	55.14
<i>TRAINS TOTAL</i>	24.87	676.66	81.75	55.14
<i>SHIPS AND COMMERCIAL BOATS</i>				
SHIPS MANEUVERING - U.S. STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00	0.00
SHIPS MANEUVERING - U.S. MOTOR SHIPS (DIESEL)	0.02	0.20	0.04	0.02
SHIPS MANEUVERING - TUGBOATS (LIQUID FUEL)	0.00	0.00	0.00	0.00
SHIPS IN-TRANSIT - U.S. STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00	0.00

TABLE A - 1

1996 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/Y)			
	ROG	NO _x	CO	SO _x
SHIPS IN-TRANSIT - FOREIGN STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00	0.00
SHIPS IN-TRANSIT - U.S. MOTOR SHIPS (DIESEL)	0.00	0.00	0.00	0.00
SHIPS IN-TRANSIT - FOREIGN MOTOR SHIPS (DIESEL)	0.00	0.00	0.00	0.00
COMMERCIAL BOATS (GASOLINE)	3.63	1.22	23.69	0.08
COMMERCIAL BOATS (DIESEL)	15.79	178.50	39.51	76.53
CREW & SUPPLY BOATS - OFFSHORE OIL PRODUCTION (LIQUID FUEL)	2.23	25.92	4.54	2.32
OTHER (LIQUID FUEL)	0.00	0.00	0.00	0.00
SHIPS AND COMMERCIAL BOATS TOTAL	21.66	205.84	67.78	78.94
RECREATIONAL BOATS				
RECREATIONAL BOATS (GASOLINE)	89.18	1.91	295.30	0.10
RECREATIONAL BOATS (DIESEL)	8.75	18.50	7.75	2.21
RECREATIONAL BOATS TOTAL	97.93	20.42	303.05	2.31
OFF-ROAD RECREATIONAL VEHICLES				
OFF-ROAD MOTORCYCLES (GASOLINE)	54.62	4.40	317.10	0.27
ALL-TERRAIN VEHICLES (ATV'S) (GASOLINE)	28.13	0.90	166.60	0.10
FOUR-WHEEL DRIVE VEHICLES (GASOLINE)	8.98	6.10	101.59	0.25
OFF-ROAD RECREATIONAL VEHICLES TOTAL	91.72	11.40	585.29	0.62
COMMERCIAL/INDUSTRIAL MOBILE EQUIPMENT				
LIGHT-DUTY EQUIPMENT - FOUR STROKE (LPG)	54.23	54.30	1,595.50	0.00
LIGHT-DUTY EQUIPMENT - FOUR STROKE (GASOLINE)	68.92	31.10	2,169.40	1.10
LIGHT-DUTY EQUIPMENT - FOUR STROKE (DIESEL)	64.42	794.00	398.70	15.80
HEAVY-DUTY EQUIPMENT (GASOLINE)	2.59	1.60	79.70	0.38
HEAVY-DUTY EQUIPMENT (DIESEL)	23.61	392.30	122.30	6.20
TRANSPORT REFRIGERATION UNITS (DIESEL)	4.96	50.60	33.30	0.97
COMMERCIAL/INDUSTRIAL MOBILE EQUIPMENT TOTAL	218.73	1,323.90	4,398.90	24.45
FARM EQUIPMENT				
HEAVY-DUTY EQUIPMENT (GASOLINE)	73.24	45.00	2,394.10	1.15
HEAVY-DUTY EQUIPMENT (DIESEL)	93.76	1,119.40	365.30	0.81
FARM EQUIPMENT TOTAL	167.00	1,164.40	2,759.40	1.96
OTHER MOBILE SOURCES TOTAL	789.59	3,487.05	10,022.56	170.86
MOBILE SOURCES DIVISION TOTAL	8,907.12	12,877.86	82,531.99	304.32
NATURAL SOURCES DIVISION				
NATURAL SOURCES				
BIOGENIC SOURCES				
AGRICULTURAL BIOGENICS (BIOMASS)	22,532.44	883.30	0.00	0.00
BIOGENIC SOURCES TOTAL	22,532.44	883.30	0.00	0.00

TABLE A - 1

1996 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY		ANNUAL EMISSIONS (TONS/Y			
		ROG	NOx	CO	SOx
<i>GEOGENIC SOURCES</i>					
PETROLEUM SEEPS: GASEOUS FUEL		3,360.68	0.00	0.00	0.00
PETROLEUM SEEPS: CRUDE OIL		2,802.77	0.00	0.00	0.00
<i>GEOGENIC SOURCES TOTAL</i>		6,163.45	0.00	0.00	0.00
<i>WILDFIRES</i>					
GRASS AND WOODLAND FIRES		4.43	0.00	43.23	0.00
TIMBER AND BRUSH FIRES		594.91	174.78	11,360.70	0.00
<i>WILDFIRES TOTAL</i>		599.34	174.78	11,403.93	0.00
<i><u>NATURAL SOURCES TOTAL</u></i>		29,295.23	1,058.08	11,403.93	0.00
<i><u>NATURAL SOURCES DIVISION TOTAL</u></i>		29,295.23	1,058.08	11,403.93	0.00
<i><u>SANTA BARBARA COUNTY TOTAL</u></i>		44,460.42	16,588.65	103,368.52	864.62

TABLE A - 1

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TABLE A - 1

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TABLE A - 1

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TABLE A - 1

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TABLE A - 1

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TABLE A - 1

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TABLE A - 1

EAR)
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7.34
1.86
0.00
511.50
0.02
0.02
520.74

1.10
3.00
4.10

127.84
127.84

10,584.15
10,584.25

TABLE A - 1

EAR)
PM

0.00
3.92
0.00
0.00
0.00
0.00
0.00
3.00
4.50
0.00
10.77
0.00
0.00
0.00
0.00
41.75
65.25
0.00
8.33
0.50
0.75
138.77

0.00
1.41
0.00
0.00
0.00
0.00
0.00
1.00
1.75
0.00
4.93
0.00
0.00
0.00
0.00
18.50
29.25
0.00
3.44
0.25
0.25
60.78

TABLE A - 1

EAR)
PM
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.60
0.00
0.00
0.00
0.00
2.50
4.00
7.10
4.02
0.00
0.00
0.00
0.50
0.50
3.42
0.00
0.00
0.00
2.00
2.00
12.45
1.41
0.00
0.00
0.00
0.25
0.25
0.40
0.00
0.00
0.00
0.25
0.25
2.81
14.90
0.75
1.00
16.65

TABLE A - 1

EAR)
PM

32.40
1.25
1.25
34.90

101.15
8.00
2.75
111.90

0.00
1.11
0.00
0.00
0.00
0.25
0.75
2.11

1.04
0.25
1.29
388.76

0.02
0.00
0.00
4.18
0.15
0.65
5.00

15.12
15.12

0.00
0.02
0.00
0.00

TABLE A - 1

EAR)
PM
0.00
0.00
0.00
0.00
10.36
1.75
0.00
12.13
3.90
1.60
5.50
0.10
0.00
0.75
0.85
0.60
0.60
48.60
0.00
17.10
3.70
70.60
1.60
72.30
73.90
183.10
571.86
0.00
0.00

TABLE A - 1

EAR)
PM

0.00
0.00
0.00

7.70
1,835.19
1,842.89

1,842.89

1,842.89

13,553.18

TABLE A - 2

1996 ANNUAL EMISSION INVENTORY OUTER CONTINENTAL SHELF (OCS)	ANNUAL EMISSIONS (TONS/YEAR)				
	ROG	NO _x	CO	SO _x	PM

STATIONARY SOURCES DIVISION**FUEL COMBUSTION*****OIL AND GAS PRODUCTION (COMBUSTION)***

BOILERS (NATURAL GAS)	0.06	3.83	17.60	0.15	0.61
BOILERS (DISTILLATE OIL)	0.00	0.00	0.00	0.00	0.00
I.C. RECIPROCATING ENGINES (NATURAL GAS)	1.73	14.95	7.08	0.17	1.56
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	8.59	73.81	22.68	4.28	7.59
I.C. RECIPROCATING ENGINES (DIESEL UNSPECIFIED)	0.13	4.36	1.10	1.24	0.12
I.C. TURBINE ENGINES (NATURAL GAS)	1.29	202.77	124.04	7.32	3.33
I.C. TURBINE ENGINES (DIESEL/DISTILLATE OIL)	0.66	7.35	4.86	0.56	2.15
<i>OIL AND GAS PRODUCTION (COMBUSTION) TOTAL</i>	12.46	307.07	177.36	13.72	15.36

CLEANING AND SURFACE COATINGS***COATINGS AND RELATED PROCESS SOLVENTS***

THINNING SOLVENTS: COATINGS (UNSPECIFIED)	15.46	0.00	0.00	0.00	0.00
<i>COATINGS AND RELATED PROCESS SOLVENTS TOTAL</i>	15.46	0.00	0.00	0.00	0.00

<u>CLEANING AND SURFACE COATINGS TOTAL</u>	15.46	0.00	0.00	0.00	0.00
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PETROLEUM PRODUCTION AND MARKETING***OIL AND GAS PRODUCTION***

FUGITIVE LOSSES - SUMPS AND PITS (CRUDE OIL)	3.55	0.00	0.00	0.00	0.00
FUGITIVE LOSSES - VALVES (NATURAL GAS)	1.53	0.00	0.00	0.00	0.00
FUGITIVE LOSSES - VALVES (CRUDE OIL)	325.53	0.00	0.00	0.00	0.00
FUGITIVE LOSSES - FITTINGS (CRUDE OIL)	0.00	0.00	0.00	0.00	0.00
FUGITIVE LOSSES - OIL/WATER SEPARATORS (CRUDE OIL)	2.19	0.00	0.00	0.00	0.00
VAPOR RECOVERY/FLARES (NATURAL GAS)	3.96	4.13	22.57	46.73	1.22
VAPOR RECOVERY/FLARES (PROCESS GAS)	4.84	5.08	27.57	30.79	1.50
WASTEWATER TREATMENT (CRUDE OIL)	12.96	0.00	0.00	0.00	0.00
NATURAL GAS PRODUCTION	0.00	0.00	0.00	0.00	0.00
OTHER (NATURAL GAS)	0.00	0.00	0.00	0.00	0.00
OTHER (CRUDE OIL)	0.00	0.00	0.00	0.00	0.00
<i>OIL AND GAS PRODUCTION TOTAL</i>	354.56	9.21	50.14	77.52	2.72

PETROLEUM MARKETING

TANKER LOADING (CRUDE OIL)	0.00	0.00	0.00	0.00	0.00
STORAGE/TRANSPORT CONTAINER CLEANING (DRUMS)	0.00	0.00	0.00	0.00	0.00
<i>PETROLEUM MARKETING TOTAL</i>	0.00	0.00	0.00	0.00	0.00

<u>PETROLEUM PRODUCTION AND MARKETING TOTAL</u>	354.56	9.21	50.14	77.52	2.72
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INDUSTRIAL PROCESSES

TABLE A - 2

1996 ANNUAL EMISSION INVENTORY OUTER CONTINENTAL SHELF (OCS)	ANNUAL EMISSIONS (TONS/YEAR)				
	ROG	NO _x	CO	SO _x	PM
<i>MINERAL PROCESSES</i>					
SURFACE BLASTING (MINERAL AND METAL PRODUCTS)	0.00	0.00	0.00	0.00	0.87
<i>MINERAL PROCESSES TOTAL</i>	0.00	0.00	0.00	0.00	0.87
<i>INDUSTRIAL PROCESSES TOTAL</i>	0.00	0.00	0.00	0.00	0.87
<u>STATIONARY SOURCES DIVISION TOTAL</u>	382.48	316.28	227.50	91.24	18.95
<u>AREA-WIDE SOURCES DIVISION</u>					
<u>AREA-WIDE SOURCES DIVISION TOTAL</u>	0.00	0.00	0.00	0.00	0.00
<u>MOBILE SOURCES DIVISION</u>					
<i>OTHER MOBILE SOURCES</i>					
<i>AIRCRAFT</i>					
JET AIRCRAFT - COMMERCIAL (JET FUEL)	6.78	6.22	5.40	0.32	0.32
<i>AIRCRAFT TOTAL</i>	6.78	6.22	5.40	0.32	0.32
<i>SHIPS AND COMMERCIAL BOATS</i>					
SHIPS MANEUVERING - U.S. STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00	0.00	0.00
SHIPS MANEUVERING - U.S. MOTOR SHIPS (DIESEL)	0.05	0.66	0.14	0.06	0.08
SHIPS MANEUVERING - TUGBOATS (LIQUID FUEL)	0.00	0.00	0.00	0.00	0.00
SHIPS IN-TRANSIT - U.S. STEAMSHIPS (RESIDUAL OIL)	2.87	120.46	14.28	614.91	109.25
SHIPS IN-TRANSIT - FOREIGN STEAMSHIPS (RESIDUAL OIL)	1.18	51.58	6.12	263.49	46.82
SHIPS IN-TRANSIT - U.S. MOTOR SHIPS (DIESEL)	28.84	678.61	75.28	387.43	40.70
SHIPS IN-TRANSIT - FOREIGN MOTOR SHIPS (DIESEL)	291.19	6,861.64	761.09	3,917.57	411.81
COMMERCIAL BOATS (GASOLINE)	3.63	1.22	23.69	0.08	0.00
COMMERCIAL BOATS (DIESEL)	15.79	178.50	39.51	76.53	10.36
CREW & SUPPLY BOATS - OFFSHORE OIL PRODUCTION (LIQUID FUEL)	19.75	222.07	55.95	13.62	22.20
OTHER (LIQUID FUEL)	0.00	0.00	0.00	0.00	0.00
<i>SHIPS AND COMMERCIAL BOATS TOTAL</i>	363.31	8,114.75	976.06	5,273.69	641.23
<i>RECREATIONAL BOATS</i>					
RECREATIONAL BOATS (GASOLINE)	89.18	1.91	295.30	0.10	3.90
RECREATIONAL BOATS (DIESEL)	8.75	18.50	7.75	2.21	1.60
<i>RECREATIONAL BOATS TOTAL</i>	97.93	20.42	303.05	2.31	5.50
<i>OTHER MOBILE SOURCES TOTAL</i>	468.02	8,141.39	1,284.51	5,276.32	647.05
<u>MOBILE SOURCES DIVISION TOTAL</u>	468.02	8,141.39	1,284.51	5,276.32	647.05

TABLE A - 2

1996 ANNUAL EMISSION INVENTORY OUTER CONTINENTAL SHELF (OCS)	ANNUAL EMISSIONS (TONS/YEAR)				
	ROG	NOx	CO	SOx	PM

NATURAL SOURCES DIVISION**NATURAL SOURCES*****GEOGENIC SOURCES***

PETROLEUM SEEPS: GASEOUS FUEL	373.41	0.00	0.00	0.00	0.00
PETROLEUM SEEPS: CRUDE OIL	311.42	0.00	0.00	0.00	0.00
<i>GEOGENIC SOURCES TOTAL</i>	684.83	0.00	0.00	0.00	0.00

<u>NATURAL SOURCES TOTAL</u>	684.83	0.00	0.00	0.00	0.00
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<u>NATURAL SOURCES DIVISION TOTAL</u>	684.83	0.00	0.00	0.00	0.00
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<u>SANTA BARBARA COUNTY TOTAL</u>	1,535.33	8,457.67	1,512.01	5,367.56	666.00
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TABLE A - 3

1990 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/YE.			
	ROG	NO _x	CO	SO _x

STATIONARY SOURCES DIVISION**FUEL COMBUSTION*****ELECTRIC UTILITIES***

I.C. RECIPROCATING ENGINES	0.00	0.00	0.00	0.00
I.C. TURBINE ENGINES (NATURAL GAS)	0.57	27.39	0.33	0.29
I.C. TURBINE ENGINES (DIESEL/DISTILLATE OIL)	0.00	0.02	0.00	0.00
<i>ELECTRIC UTILITIES TOTAL</i>	0.57	27.41	0.33	0.29

COGENERATION

I.C. RECIPROCATING ENGINES (NATURAL GAS)	1.06	0.73	1.58	0.00
OTHER (FUEL - UNSPECIFIED)	0.04	0.67	0.13	0.00
<i>COGENERATION TOTAL</i>	1.10	1.40	1.71	0.00

OIL AND GAS PRODUCTION (COMBUSTION)

BOILERS (NATURAL GAS)	0.48	27.78	6.17	6.72
PROCESS HEATERS (NATURAL GAS)	0.56	13.67	5.47	2.29
PROCESS HEATERS (PROCESS GAS)	1.62	28.64	6.04	18.21
STEAM GENERATORS (NATURAL GAS)	0.29	18.47	4.36	3.34
STEAM GENERATORS (PROCESS GAS)	0.23	6.42	0.28	4.81
I.C. RECIPROCATING ENGINES (NATURAL GAS)	289.52	2,001.36	480.35	50.58
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	1.13	14.74	2.79	0.19
I.C. TURBINE ENGINES (NATURAL GAS)	0.72	42.70	24.60	2.05
DRILLING RIGS (DIESEL)	2.04	25.80	5.60	1.70
<i>OIL AND GAS PRODUCTION (COMBUSTION) TOTAL</i>	296.59	2,179.58	535.66	89.89

PETROLEUM REFINING (COMBUSTION)

BOILERS (NATURAL GAS)	0.12	3.52	0.68	0.00
BOILERS (DISTILLATE OIL)	0.02	0.68	0.06	1.94
PROCESS HEATERS (NATURAL GAS)	0.03	1.11	0.30	0.00
PROCESS HEATERS (UNSPECIFIED LIQUID FUEL)	0.00	0.09	0.00	0.27
PROCESS HEATERS (RESIDUAL OIL)	0.00	0.09	0.00	0.27
<i>PETROLEUM REFINING (COMBUSTION) TOTAL</i>	0.17	5.49	1.04	2.48

MANUFACTURING AND INDUSTRIAL

BOILERS (NATURAL GAS)	0.00	0.85	1.36	0.22
PROCESS HEATERS (NATURAL GAS)	3.16	96.00	23.91	10.79
PROCESS HEATERS (DISTILLATE OIL)	1.33	7.21	1.30	13.11
I.C. RECIPROCATING ENGINES (NATURAL GAS)	0.08	2.20	0.00	0.00
I.C. RECIPROCATING ENGINES (GASOLINE)	0.11	0.10	2.32	0.00
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	15.71	200.45	43.01	23.09
OTHER (NATURAL GAS)	0.06	6.90	2.00	0.02
OTHER (LIQUIFIED PETROLEUM GAS - LPG)	0.07	3.80	0.90	0.00
OTHER (DISTILLATE OIL)	0.34	32.30	8.08	11.39
OTHER (RESIDUAL OIL)	0.05	2.13	0.19	2.71
<i>MANUFACTURING AND INDUSTRIAL TOTAL</i>	20.91	351.94	83.07	61.33

FOOD AND AGRICULTURAL PROCESSING

TABLE A - 3

1990 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/YE.			
	ROG	NO _x	CO	SO _x
BOILERS (NATURAL GAS)	0.88	50.31	12.38	0.23
PROCESS HEATERS (NATURAL GAS)	0.18	11.67	2.91	0.06
PROCESS HEATERS (RESIDUAL OIL)	0.66	26.46	2.40	76.50
AGRICULTURAL IRRIGATION I.C. ENGINES (DIESEL/DISTILLATE OIL)	46.99	592.39	127.61	6.96
OTHER (LIQUID FUEL - UNSPECIFIED)	0.66	0.00	0.00	0.10
<i>FOOD AND AGRICULTURAL PROCESSING TOTAL</i>	49.37	680.83	145.30	83.85
<i>SERVICE AND COMMERCIAL</i>				
BOILERS (NATURAL GAS)	0.93	26.41	4.03	0.08
BOILERS (PROPANE)	0.00	0.00	0.00	0.00
BOILERS (DISTILLATE OIL)	0.03	1.79	0.42	5.08
SPACE HEATING (NATURAL GAS)	2.17	68.27	13.65	0.41
WATER HEATING (NATURAL GAS)	0.65	20.34	4.07	0.12
I.C. RECIPROCATING ENGINES (NATURAL GAS)	1.02	19.01	4.09	0.52
I.C. RECIPROCATING ENGINES (PROPANE)	0.06	0.09	0.09	0.00
I.C. RECIPROCATING ENGINES (GASOLINE)	0.19	0.16	5.71	0.00
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	3.00	46.90	11.19	1.50
I.C. TURBINE ENGINES (NATURAL GAS)	0.00	0.00	0.00	0.00
OTHER (NATURAL GAS)	2.80	88.26	17.65	0.53
OTHER (LIQUIFIED PETROLEUM GAS - LPG)	0.65	12.40	2.60	0.00
OTHER (DISTILLATE OIL)	0.54	23.22	5.81	8.19
OTHER (RESIDUAL OIL)	0.28	11.56	1.05	29.03
<i>SERVICE AND COMMERCIAL TOTAL</i>	12.31	318.41	70.36	45.46
<u>FUEL COMBUSTION TOTAL</u>	318.01	3,565.06	837.47	283.30
<u>WASTE DISPOSAL</u>				
<i>LANDFILLS</i>				
CLASS II AND III LANDFILLS (MUNICIPAL SOLID WASTE)	123.69	0.00	0.00	0.00
FLARES	0.00	0.00	0.00	0.00
<i>LANDFILLS TOTAL</i>	123.69	0.00	0.00	0.00
<i>INCINERATORS</i>				
INCINERATION (NATURAL GAS)	0.00	0.00	0.00	0.00
<i>INCINERATORS TOTAL</i>	0.00	0.00	0.00	0.00
<u>WASTE DISPOSAL TOTAL</u>	123.69	0.00	0.00	0.00
<u>CLEANING AND SURFACE COATINGS</u>				
<i>DRY CLEANING</i>				
DRY CLEANING (PETROLEUM BASED SOLVENTS)	8.51	0.00	0.00	0.00
<i>DRY CLEANING TOTAL</i>	8.51	0.00	0.00	0.00
<i>DEGREASING</i>				
MANUFACTURING DEGREASING: 1,1,1 - TRICHLOROETHANE (TCA)	0.26	0.00	0.00	0.00
MANUFACTURING DEGREASING: HALOGENATED ORGANIC SOLVENT	3.72	0.00	0.00	0.00
MANUFACTURING DEGREASING: PETROLEUM BASED SOLVENTS	31.89	0.00	0.00	0.00
MAINTENANCE DEGREASING: DEGREASING SOLVENTS (UNSPECIFIED)	52.20	0.00	0.00	0.00

TABLE A - 3

1990 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/YE.			
	ROG	NO _x	CO	SO _x
COMMERCIAL DEGREASING: TRICHLOROETHYLENE (TCE)	2.64	0.00	0.00	0.00
COMMERCIAL DEGREASING: PETROLEUM BASED SOLVENTS	156.05	0.00	0.00	0.00
<i>DEGREASING TOTAL</i>	246.76	0.00	0.00	0.00
<i>COATINGS AND RELATED PROCESS SOLVENTS</i>				
PREPARATION SOLVENTS	2.70	0.00	0.00	0.00
AUTO REFINISHING (UNSPECIFIED COATINGS)	192.98	0.00	0.00	0.00
METAL FURNITURE AND FIXTURE COATINGS (COATINGS)	0.00	0.00	0.00	0.00
METAL PARTS AND PRODUCTS COATINGS (COATINGS)	48.91	0.00	0.00	0.00
WOOD FURNITURE AND FABRICATED PRODUCTS (COATINGS)	37.85	0.00	0.00	0.00
AIRCRAFT COATINGS	5.49	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: PETROLEUM NAPHTHA	0.11	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: KEROSENE	0.02	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: ISOPROPANOL (IPA)	2.79	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: METHYL ETHYL KETONE (MEK)	0.25	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: MINERAL SPIRITS	0.20	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: TOLUENE	0.11	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: XYLENES	5.54	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: COATINGS (UNSPECIFIED)	162.48	0.00	0.00	0.00
THINNING SOLVENTS: COATINGS (UNSPECIFIED)	2.74	0.00	0.00	0.00
CLEANUP SOLVENTS: COATINGS (UNSPECIFIED)	2.46	0.00	0.00	0.00
OTHER COATINGS (UNSPECIFIED)	371.69	0.00	0.00	0.00
OTHER OIL BASED (ORGANIC SOLVENT BASED) COATINGS	1.88	0.00	0.00	0.00
<i>COATINGS AND RELATED PROCESS SOLVENTS TOTAL</i>	838.19	0.00	0.00	0.00
<i>PRINTING</i>				
OTHER (UNSPECIFIED SOLVENTS)	142.10	0.00	0.00	0.00
<i>PRINTING TOTAL</i>	142.10	0.00	0.00	0.00
<i>OTHER (CLEANING AND SURFACE COATINGS)</i>				
ADHESIVES AND SEALANTS (UNSPECIFIED)	0.42	0.00	0.00	0.00
ORGANIC SOLVENT BASED ADHESIVES AND SEALANTS (UNSPECIFIED)	114.09	0.00	0.00	0.00
WATER BASED ADHESIVES AND SEALANTS (UNSPECIFIED)	229.46	0.00	0.00	0.00
OTHER (ETHYLENE OXIDE)	0.03	0.00	0.00	0.00
OTHER (UNSPECIFIED SOLVENTS)	38.19	0.00	0.00	0.00
<i>OTHER (CLEANING AND SURFACE COATINGS) TOTAL</i>	382.18	0.00	0.00	0.00
<u><i>CLEANING AND SURFACE COATINGS TOTAL</i></u>	1,617.74	0.00	0.00	0.00
<u><i>PETROLEUM PRODUCTION AND MARKETING</i></u>				
<i>OIL AND GAS PRODUCTION</i>				
FUGITIVE LOSSES - SUMPS AND PITS (CRUDE OIL)	350.10	0.00	0.00	0.00
FUGITIVE LOSSES - VALVES (NATURAL GAS)	6.41	0.00	0.00	0.00
FUGITIVE LOSSES - VALVES (CRUDE OIL)	385.10	0.00	0.00	0.00
FUGITIVE LOSSES - FITTINGS (CRUDE OIL)	170.18	0.00	0.00	0.00
FUGITIVE LOSSES - PUMPS (CRUDE OIL)	25.10	0.00	0.00	0.00
FUGITIVE LOSSES - COMPRESSORS (CRUDE OIL)	11.12	0.00	0.00	0.00
FUGITIVE LOSSES - WELL CELLARS (CRUDE OIL)	660.86	0.00	0.00	0.00
FUGITIVE LOSSES - OIL/WATER SEPARATORS (CRUDE OIL)	86.36	0.00	0.00	0.00

TABLE A - 3

1990 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/YE.			
	ROG	NO _x	CO	SO _x
MISCELLANEOUS FUGITIVE LOSSES (CRUDE OIL)	1,142.36	0.00	0.00	0.00
VAPOR RECOVERY/FLARES (NATURAL GAS)	24.26	38.21	13.22	1.14
VAPOR RECOVERY/FLARES (PROCESS GAS)	3.44	8.26	2.93	11.48
FLOATING ROOF TANKS - BREATHING LOSSES (CRUDE OIL)	0.00	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (CRUDE OIL)	0.71	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (UNSPECIFIED LIQUID FUE	0.66	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (CRUDE OIL - RVP 5)	32.44	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (UNSPECIFIED LIQUID FUEL)	27.61	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (CRUDE OIL - RVP 5)	62.79	0.00	0.00	0.00
WASTEWATER TREATMENT (CRUDE OIL)	1.14	0.00	0.00	0.00
TERTIARY OIL PRODUCTION WELLS (UNSPECIFIED) (CRUDE OIL)	3.50	0.00	0.00	0.00
NATURAL GAS PRODUCTION	21.00	0.00	0.00	0.69
TANK CARS AND TRUCKS - WORKING LOSSES (DIESEL/DISTILLATE C	0.05	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (CRUDE OIL)	37.20	0.00	0.00	0.00
OTHER (NATURAL GAS)	190.26	0.00	0.00	0.00
OTHER (CRUDE OIL)	0.92	0.00	0.00	0.00
OIL AND GAS PRODUCTION TOTAL	3,243.56	46.47	16.15	13.31
PETROLEUM REFINING				
FUGITIVE LOSSES - VALVES (HYDROCARBON COMPOUNDS)	0.00	0.00	0.00	0.00
FLOATING ROOF TANKS - BREATHING LOSSES (JET NAPHTHA (JP-4))	0.00	0.00	0.00	0.00
FLOATING ROOF TANKS - BREATHING LOSSES (CRUDE OIL - RVP 5)	0.00	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (DISTILLATE OIL #2)	0.08	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (JET NAPHTHA - JP-4)	0.12	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (CRUDE OIL)	0.17	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (DIESEL #2)	12.29	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (DIESEL #2)	20.76	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (DIESEL/DISTILLATE C	13.10	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (JET FUEL)	4.80	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (CRUDE OIL)	0.12	0.00	0.00	0.00
PETROLEUM REFINING TOTAL	51.44	0.00	0.00	0.00
PETROLEUM MARKETING				
FUGITIVE LOSSES - VALVES (CRUDE OIL)	0.00	0.00	0.00	0.00
FUGITIVE LOSSES - FITTINGS (CRUDE OIL)	0.00	0.00	0.00	0.00
NATURAL GAS TRANSMISSION LOSSES (NATURAL GAS)	23.29	0.00	0.00	0.00
FLOATING ROOF TANKS - BREATHING LOSSES (CRUDE OIL - RVP 5)	4.33	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (CRUDE OIL)	0.40	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (GASOLINE - RVP 10)	0.00	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (DIESEL #2)	0.06	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (DIESEL #2)	0.04	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (CRUDE OIL - RVP 5)	0.00	0.00	0.00	0.00
TANKER LOADING (CRUDE OIL)	1.26	0.00	0.00	0.00
BARGE LOADING (CRUDE OIL)	2.06	0.00	0.00	0.00
FUEL DISPENSING TANKS - WORKING LOSSES (GASOLINE)	53.71	0.00	0.00	0.00
FUEL DISPENSING TANKS - BREATHING LOSSES (GASOLINE)	15.95	0.00	0.00	0.00
VEHICLE REFUELING - VAPOR DISPLACEMENT LOSSES (GASOLINE)	83.08	0.00	0.00	0.00
VEHICLE REFUELING - SPILLAGE (GASOLINE)	31.07	0.00	0.00	0.00
BULK PLANTS/TERMINALS - GASOLINE STORAGE - BREATHING LOSS	9.50	0.00	0.00	0.00
BULK PLANTS/TERMINALS - GASOLINE STORAGE - WORKING LOSSES	1.58	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (GASOLINE)	18.81	0.00	0.00	0.00
STORAGE/TRANSPORT CONTAINER CLEANING (DRUMS)	0.00	0.00	0.00	0.00
OTHER (GASOLINE)	0.38	0.00	0.00	0.00

TABLE A - 3

1990 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/YE.			
	ROG	NOx	CO	SOx
PETROLEUM MARKETING TOTAL	245.52	0.00	0.00	0.00
<u>PETROLEUM PRODUCTION AND MARKETING TOTAL</u>	3,540.52	46.47	16.15	13.31
<u>INDUSTRIAL PROCESSES</u>				
CHEMICAL				
FIXED ROOF TANKS - WORKING LOSSES (CHEMICALS - UNSPECIFIED)	0.00	0.00	0.00	0.00
FIBERGLASS PRODUCTS MANUFACTURING	18.12	0.00	0.00	0.00
PLASTICS AND PLASTIC PRODUCTS MANUFACTURING	30.54	0.00	0.00	0.00
CHEMICAL TOTAL	48.66	0.00	0.00	0.00
FOOD AND AGRICULTURE				
WINE FERMENTATION	6.30	0.00	0.00	0.00
WINE AGING	24.30	0.00	0.00	0.00
AGRICULTURAL CROP PROCESSING LOSSES (FOOD/AG - UNSPECIFIED)	0.00	0.00	0.00	0.00
AGRICULTURAL CROP PROCESSING LOSSES (GRAIN FEED)	0.00	0.00	0.00	0.00
AGRICULTURAL CROP PROCESSING LOSSES (SOYBEAN)	0.00	0.00	0.00	0.00
AGRICULTURAL CROP PROCESSING LOSSES (SUGAR BEETS)	7.53	2.22	0.00	15.24
FOOD AND AGRICULTURE TOTAL	38.13	2.22	0.00	15.24
MINERAL PROCESSES				
SAND AND GRAVEL EXCAVATION/PROCESSING (MINERALS/ METAL)	0.00	0.00	0.00	0.00
SAND AND GRAVEL EXCAVATION/PROCESSING (SAND/AGGREGATE)	0.00	0.00	0.00	0.00
ASPHALTIC CONCRETE PRODUCTION	4.47	3.58	3.58	6.26
SURFACE BLASTING (MINERAL AND METAL PRODUCTS)	0.00	0.00	0.00	0.00
SURFACE BLASTING (SAND/AGGREGATE)	0.00	0.00	0.00	0.00
CEMENT CONCRETE MANUFACTURING AND FABRICATION	0.00	0.00	1.14	0.00
LIME MANUFACTURING (LIME)	0.00	0.00	0.00	0.00
LIME MANUFACTURING (LIMESTONE)	0.00	0.00	0.00	0.00
STORAGE PILES (CEMENT CONCRETE)	0.00	0.00	0.00	0.00
STORAGE PILES (SAND/AGGREGATE)	0.00	0.00	0.00	0.00
DIATOMACEOUS EARTH PROCESSING	0.00	0.00	0.00	0.00
OTHER (LIME)	0.02	4.02	0.00	11.76
OTHER (NON-METALLIC MINERALS - UNSPECIFIED)	0.00	0.00	0.00	0.00
OTHER (SAND/AGGREGATE)	0.00	0.00	0.00	0.00
MINERAL PROCESSES TOTAL	4.49	7.60	4.72	18.02
OTHER (INDUSTRIAL PROCESSES)				
OTHER (MATERIAL NOT SPECIFIED)	0.00	0.00	27.68	0.00
OTHER (INDUSTRIAL PROCESSES) TOTAL	0.00	0.00	27.68	0.00
<u>INDUSTRIAL PROCESSES TOTAL</u>	91.28	9.82	32.40	33.26
<u>STATIONARY SOURCES DIVISION TOTAL</u>	5,754.25	3,621.35	886.02	329.87

AREA-WIDE SOURCES DIVISION

TABLE A - 3

1990 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/YE.			
	ROG	NO _x	CO	SO _x

SOLVENT EVAPORATION**CONSUMER PRODUCTS**

AEROSOL PAINT PROPELLANTS (UNSPECIFIED COATINGS)	56.70	0.00	0.00	0.00
AEROSOL PAINT SOLVENTS (UNSPECIFIED COATINGS)	99.40	0.00	0.00	0.00
AEROSOL PRODUCT PROPELLANTS (UNSPECIFIED SOLVENTS)	137.00	0.00	0.00	0.00
AEROSOL PRODUCT SOLVENTS (UNSPECIFIED SOLVENTS)	416.20	0.00	0.00	0.00
NON-AEROSOL SOLVENTS (UNSPECIFIED SOLVENTS)	563.01	0.00	0.00	0.00
CONSUMER PRODUCTS TOTAL	1,272.31	0.00	0.00	0.00

ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENT

ARCHITECTURAL COATINGS (OIL BASED COATINGS)	314.46	0.00	0.00	0.00
ARCHITECTURAL COATINGS (WATER BASED COATINGS)	155.22	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS - COATINGS (UNSPECIFIED)	61.20	0.00	0.00	0.00
ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENT TOTAL	530.87	0.00	0.00	0.00

PESTICIDES/FERTILIZERS

AGRICULTURAL PESTICIDES: METHYL BROMIDE	604.83	0.00	0.00	0.00
AGRICULTURAL PESTICIDES: NON - METHYL BROMIDE PESTICIDES	571.39	0.00	0.00	0.00
AEROSOL RESIDENTIAL PESTICIDES - PROPELLANTS	17.60	0.00	0.00	0.00
AEROSOL RESIDENTIAL PESTICIDES - INGREDIENTS	48.60	0.00	0.00	0.00
STRUCTURAL PESTICIDES: METHYL BROMIDE	14.31	0.00	0.00	0.00
STRUCTURAL PESTICIDES: NON - METHYL BROMIDE PESTICIDES	13.18	0.00	0.00	0.00
PESTICIDES/FERTILIZERS TOTALS	1,269.91	0.00	0.00	0.00

ASPHALT PAVING

CUTBACK ASPHALT	236.10	0.00	0.00	0.00
ROAD OILS (ASPHALT)	156.25	0.00	0.00	0.00
HOT-MIX ASPHALT	0.38	0.00	0.00	0.00
EMULSIFIED ASPHALT	21.85	0.00	0.00	0.00
ASPHALT PAVING TOTAL	414.58	0.00	0.00	0.00

OTHER (SOLVENT EVAPORATION)

ASPHALT ROOFING OPERATIONS	18.47	0.00	0.00	0.00
OTHER (SOLVENT EVAPORATION) TOTAL	18.47	0.00	0.00	0.00

<u>SOLVENT EVAPORATION TOTAL</u>	3,506.14	0.00	0.00	0.00
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MISCELLANEOUS**RESIDENTIAL FUEL COMBUSTION**

WOOD COMBUSTION - WOOD STOVES	24.80	5.01	407.77	0.77
WOOD COMBUSTION - FIREPLACES	152.13	30.75	2,987.69	4.73
FUEL COMBUSTION - SPACE HEATING (NATURAL GAS)	4.04	127.33	25.47	0.76
FUEL COMBUSTION - SPACE HEATING (DISTILLATE OIL)	0.12	1.05	0.29	0.41
FUEL COMBUSTION - WATER HEATING (NATURAL GAS)	0.75	139.09	14.57	0.66
FUEL COMBUSTION - COOKING (NATURAL GAS)	0.72	16.56	13.45	0.14
OTHER (NATURAL GAS)	1.56	33.63	14.31	0.21
OTHER (LIQUIFIED PETROLEUM GAS - LPG)	0.51	9.79	1.99	0.02

TABLE A - 3

1990 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/YE.			
	ROG	NO _x	CO	SO _x
RESIDENTIAL FUEL COMBUSTION TOTAL	184.63	363.22	3,465.54	7.70
FARMING OPERATIONS				
TILLING DUST	0.00	0.00	0.00	0.00
HARVEST OPERATIONS - DUST	0.00	0.00	0.00	0.00
CATTLE FEEDLOT DUST	0.00	0.00	0.00	0.00
FARMING OPERATIONS TOTAL	0.00	0.00	0.00	0.00
CONSTRUCTION AND DEMOLITION				
BUILDING CONSTRUCTION DUST - RESIDENTIAL	0.00	0.00	0.00	0.00
BUILDING CONSTRUCTION DUST- COMMERCIAL	0.00	0.00	0.00	0.00
BUILDING CONSTRUCTION DUST- INDUSTRIAL	0.00	0.00	0.00	0.00
BUILDING CONSTRUCTION DUST - INSTITUTIONAL	0.00	0.00	0.00	0.00
ROAD CONSTRUCTION DUST	0.00	0.00	0.00	0.00
CONSTRUCTION AND DEMOLITION TOTAL	0.00	0.00	0.00	0.00
PAVED ROAD DUST				
PAVED ROAD TRAVEL DUST - FREEWAYS	0.00	0.00	0.00	0.00
PAVED ROAD TRAVEL DUST - MAJOR STREETS	0.00	0.00	0.00	0.00
PAVED ROAD TRAVEL DUST - COLLECTOR STREETS	0.00	0.00	0.00	0.00
PAVED ROAD TRAVEL DUST - LOCAL STREETS	0.00	0.00	0.00	0.00
PAVED ROAD DUST TOTAL	0.00	0.00	0.00	0.00
UNPAVED ROAD DUST				
UNPAVED ROAD TRAVEL DUST- CITY AND COUNTY ROADS	0.00	0.00	0.00	0.00
UNPAVED ROAD TRAVEL DUST- U.S. FOREST AND PARK ROADS	0.00	0.00	0.00	0.00
UNPAVED ROAD TRAVEL DUST- B.L.M. ROADS	0.00	0.00	0.00	0.00
UNPAVED ROAD TRAVEL DUST- FARM ROADS	0.00	0.00	0.00	0.00
UNPAVED ROAD DUST TOTAL	0.00	0.00	0.00	0.00
FUGITIVE WINDBLOWN DUST				
DUST FROM AGRICULTURAL LANDS	0.00	0.00	0.00	0.00
DUST FROM PASTURE LANDS	0.00	0.00	0.00	0.00
DUST FROM UNPAVED ROADS AND ASSOCIATED AREAS	0.00	0.00	0.00	0.00
FUGITIVE WINDBLOWN DUST TOTAL	0.00	0.00	0.00	0.00
FIRES				
STRUCTURAL FIRES	4.61	1.90	80.00	0.00
AUTOMOBILE FIRES	1.40	0.20	5.90	0.00
FIRES TOTALS	6.01	2.10	85.90	0.00
WASTE BURNING AND DISPOSAL				
AGRICULTURAL BURNING - PRUNINGS	9.32	0.00	100.98	0.00
AGRICULTURAL BURNING - FIELD CROPS	0.48	0.00	2.66	0.00
RANGE IMPROVEMENT	0.52	0.00	5.40	0.00
FOREST MANAGEMENT	57.54	23.49	507.55	0.00
WEED ABATEMENT	0.15	0.00	3.69	0.00
NON-AGRICULTURAL OPEN BURNING	0.97	0.10	3.13	0.00
WASTE BURNING AND DISPOSAL TOTAL	68.99	23.59	623.40	0.00

TABLE A - 3

1990 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/YE.			
	ROG	NOx	CO	SOx
<i>UTILITY EQUIPMENT</i>				
LAWN & GARDEN - FOUR STROKE - RESIDENTIAL (GASOLINE)	62.97	2.70	585.40	0.10
LAWN & GARDEN - FOUR STROKE - COMMERCIAL (GASOLINE)	170.57	5.90	1,404.40	0.40
<i>UTILITY EQUIPMENT TOTAL</i>	233.54	8.60	1,989.80	0.50
<i>OTHER (MISCELLANEOUS PROCESSES)</i>				
COMMERCIAL CHARBROILING (FOOD/AGRICULTURAL PRODUCTS)	28.36	0.00	0.00	0.00
<i>OTHER (MISCELLANEOUS PROCESSES) TOTAL</i>	28.36	0.00	0.00	0.00
<u>MISCELLANEOUS TOTAL</u>	521.53	397.51	6,164.64	8.20
<u>AREA-WIDE SOURCES DIVISION TOTAL</u>	4,027.67	397.51	6,164.64	8.20

MOBILE SOURCES DIVISION

ON-ROAD MOTOR VEHICLES

LIGHT DUTY PASSENGER

NON-CATALYST STARTS (GASOLINE)	1,044.10	98.03	5,586.73	0.00
NON-CATALYST HOT STABILIZED (GASOLINE)	2,691.53	1,101.97	21,343.17	71.13
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	380.57	0.00	0.00	0.00
NON-CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	50.00	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	735.53	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	226.13	0.00	0.00	0.00
NON-CATALYST CRANKCASE (GASOLINE)	247.10	0.00	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
CATALYST STARTS (GASOLINE)	1,848.47	1,261.83	30,394.90	0.00
CATALYST HOT STABILIZED (GASOLINE)	2,596.07	4,510.17	51,590.63	126.10
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	643.97	0.00	0.00	0.00
CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	347.57	0.00	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	605.07	0.00	0.00	0.00
CATALYST DIURNAL (GASOLINE)	233.17	0.00	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
DIESEL STARTS (DIESEL)	4.90	3.80	49.50	0.00
DIESEL HOT STABILIZED (DIESEL)	18.40	100.60	69.20	6.80
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
<i>LIGHT DUTY PASSENGER TOTAL</i>	11,672.57	7,076.40	109,034.13	204.03

LIGHT DUTY TRUCKS

NON-CATALYST STARTS (GASOLINE)	332.83	36.77	1,668.77	0.00
NON-CATALYST HOT STABILIZED (GASOLINE)	594.90	299.37	5,386.23	20.20
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	111.87	0.00	0.00	0.00
NON-CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	48.57	0.00	0.00	0.00

TABLE A - 3

1990 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/YE.			
	ROG	NOx	CO	SOx
NON-CATALYST HOT SOAK (GASOLINE)	292.03	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	100.53	0.00	0.00	0.00
NON-CATALYST CRANKCASE (GASOLINE)	121.30	0.00	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
CATALYST STARTS (GASOLINE)	906.47	697.37	15,203.93	0.00
CATALYST HOT STABILIZED (GASOLINE)	1,218.67	2,675.27	23,366.87	60.97
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	207.40	0.00	0.00	0.00
CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	141.53	0.00	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	225.33	0.00	0.00	0.00
CATALYST DIURNAL (GASOLINE)	89.23	0.00	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
DIESEL STARTS (DIESEL)	3.00	5.30	22.90	0.00
DIESEL HOT STABILIZED (DIESEL)	6.80	35.10	25.40	2.90
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
<i>LIGHT DUTY TRUCKS TOTAL</i>	4,400.47	3,749.17	45,674.10	84.07
<i>MEDIUM DUTY TRUCKS</i>				
NON-CATALYST STARTS (GASOLINE)	17.00	1.53	79.83	0.00
NON-CATALYST HOT STABILIZED (GASOLINE)	26.57	11.10	227.03	0.83
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	2.80	0.00	0.00	0.00
NON-CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	1.87	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	8.20	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	2.73	0.00	0.00	0.00
CATALYST STARTS (GASOLINE)	76.47	64.93	1,062.93	0.00
CATALYST HOT STABILIZED (GASOLINE)	118.83	279.93	1,486.40	6.50
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	10.70	0.00	0.00	0.00
CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	11.07	0.00	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	9.10	0.00	0.00	0.00
CATALYST DIURNAL (GASOLINE)	6.33	0.00	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
<i>MEDIUM DUTY TRUCKS TOTAL</i>	291.67	357.50	2,856.20	7.33
<i>LIGHT HEAVY DUTY GAS TRUCKS</i>				
NON-CATALYST HOT STABILIZED (GASOLINE)	117.53	315.93	3,006.83	19.00
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	14.10	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	15.57	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	13.67	0.00	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
CATALYST HOT STABILIZED (GASOLINE)	18.83	149.67	363.43	6.40
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	2.20	0.00	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	4.10	0.00	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.50	0.00	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
<i>LIGHT HEAVY DUTY GAS TRUCKS TOTAL</i>	186.50	465.60	3,370.27	25.40
<i>MEDIUM HEAVY DUTY GAS TRUCKS</i>				

TABLE A - 3

1990 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/YE.			
	ROG	NOx	CO	SOx
NON-CATALYST HOT STABILIZED (GASOLINE)	87.97	190.93	2,346.93	7.20
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	8.57	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	19.67	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	19.50	0.00	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
CATALYST HOT STABILIZED (GASOLINE)	1.03	9.03	20.03	0.30
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.03	0.00	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	0.20	0.00	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.00	0.00	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
MEDIUM HEAVY DUTY GAS TRUCKS TOTAL	136.97	199.97	2,366.97	7.50
LIGHT HEAVY DUTY DIESEL TRUCKS				
DIESEL HOT STABILIZED (DIESEL)	21.50	146.20	104.30	9.60
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
LIGHT HEAVY DUTY DIESEL TRUCKS TOTAL	21.50	146.20	104.30	9.60
MEDIUM HEAVY DUTY DIESEL TRUCKS				
DIESEL HOT STABILIZED (DIESEL)	64.00	411.70	271.00	16.90
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
MEDIUM HEAVY DUTY DIESEL TRUCKS TOTAL	64.00	411.70	271.00	16.90
HEAVY HEAVY DUTY DIESEL TRUCKS				
DIESEL HOT STABILIZED (DIESEL)	229.00	1,902.60	966.00	51.50
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
HEAVY HEAVY DUTY DIESEL TRUCKS TOTAL	229.00	1,902.60	966.00	51.50
MOTORCYCLES				
NON-CATALYST STARTS (GASOLINE)	17.13	2.50	73.73	0.00
NON-CATALYST HOT STABILIZED (GASOLINE)	54.67	29.67	267.27	1.10
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.00	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	3.67	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	18.30	0.00	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00	0.00
MOTORCYCLES TOTAL	93.77	32.17	341.00	1.10
HEAVY DUTY DIESEL URBAN BUSES				
DIESEL HOT STABILIZED (DIESEL)	6.10	68.90	7.90	1.90
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00	0.00
HEAVY DUTY DIESEL URBAN BUSES TOTAL	6.10	68.90	7.90	1.90
ON-ROAD MOTOR VEHICLES	17,102.55	14,410.21	164,991.87	409.33
OTHER MOBILE SOURCES				

TABLE A - 3

1990 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/YE.			
	ROG	NOx	CO	SOx

AIRCRAFT

PISTON AIRCRAFT - COMMERCIAL (AVIATION GASOLINE)	0.96	0.00	5.30	0.00
PISTON AIRCRAFT - CIVIL (AVIATION GASOLINE)	28.13	2.10	1,527.90	0.00
AGRICULTURAL AIRCRAFT (CROP DUSTING) (AVIATION GASOLINE)	0.19	0.10	7.50	0.00
JET AIRCRAFT - MILITARY (JET FUEL)	62.19	62.30	150.70	9.10
JET AIRCRAFT - COMMERCIAL (JET FUEL)	234.83	64.60	360.70	7.30
JET AIRCRAFT - CIVIL (JET FUEL)	42.19	7.30	68.70	1.00

AIRCRAFT TOTAL	368.49	136.40	2,120.80	17.40
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TRAINS

LOCOMOTIVES - ROAD HAULING (DIESEL)	26.43	769.00	86.80	58.70
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TRAINS TOTAL	26.43	769.00	86.80	58.70
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SHIPS AND COMMERCIAL BOATS

SHIPS MANEUVERING - U.S. STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00	0.00
SHIPS MANEUVERING - U.S. MOTOR SHIPS (DIESEL)	0.02	0.31	0.06	0.03
SHIPS MANEUVERING - TUGBOATS (LIQUID FUEL)	0.00	0.00	0.00	0.00
SHIPS IN-TRANSIT - U.S. STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00	0.00
SHIPS IN-TRANSIT - FOREIGN STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00	0.00
SHIPS IN-TRANSIT - U.S. MOTOR SHIPS (DIESEL)	0.00	0.00	0.00	0.00
SHIPS IN-TRANSIT - FOREIGN MOTOR SHIPS (DIESEL)	0.00	0.00	0.00	0.00
COMMERCIAL BOATS (GASOLINE)	3.74	1.20	22.90	0.10
COMMERCIAL BOATS (DIESEL)	14.90	180.29	37.27	72.19
CREW & SUPPLY BOATS - OFFSHORE OIL PRODUCTION (LIQUID FUEL)	5.70	33.51	5.26	2.09
OTHER (LIQUID FUEL)	12.58	67.27	15.33	5.93

SHIPS AND COMMERCIAL BOATS TOTAL	36.94	282.58	80.82	80.35
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RECREATIONAL BOATS

RECREATIONAL BOATS (GASOLINE)	92.42	1.82	277.28	0.09
RECREATIONAL BOATS (DIESEL)	7.87	15.20	6.20	1.80

RECREATIONAL BOATS TOTAL	100.29	17.02	283.48	1.89
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OFF-ROAD RECREATIONAL VEHICLES

OFF-ROAD MOTORCYCLES (GASOLINE)	56.63	4.10	297.60	0.20
ALL-TERRAIN VEHICLES (ATV'S) (GASOLINE)	29.18	0.90	156.40	0.10
FOUR-WHEEL DRIVE VEHICLES (GASOLINE)	8.54	5.40	89.60	0.30

OFF-ROAD RECREATIONAL VEHICLES TOTAL	94.36	10.40	543.60	0.60
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COMMERCIAL/INDUSTRIAL MOBILE EQUIPMENT

LIGHT-DUTY EQUIPMENT - FOUR STROKE (LPG)	50.20	47.90	1,403.20	0.00
LIGHT-DUTY EQUIPMENT - FOUR STROKE (GASOLINE)	80.54	33.40	2,322.40	12.50
LIGHT-DUTY EQUIPMENT - FOUR STROKE (DIESEL)	94.83	930.00	313.60	117.70
HEAVY-DUTY EQUIPMENT (GASOLINE)	2.98	1.80	85.30	0.50
HEAVY-DUTY EQUIPMENT (DIESEL)	34.88	459.50	96.20	58.10
TRANSPORT REFRIGERATION UNITS (DIESEL)	6.41	51.70	22.80	6.90

COMMERCIAL/INDUSTRIAL MOBILE EQUIPMENT TOTAL	269.84	1,524.30	4,243.50	195.70
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FARM EQUIPMENT

TABLE A - 3

1990 ANNUAL EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/YE.			
	ROG	NO _x	CO	SO _x
HEAVY-DUTY EQUIPMENT (GASOLINE)	77.46	43.20	2,291.80	12.40
HEAVY-DUTY EQUIPMENT (DIESEL)	99.30	1,015.40	322.10	128.50
<i>FARM EQUIPMENT TOTAL</i>	176.76	1,058.60	2,613.90	140.90
<i>OTHER MOBILE SOURCES TOTAL</i>	1,073.11	3,798.31	9,972.90	495.54
<u>MOBILE SOURCES DIVISION TOTAL</u>	18,175.66	18,208.51	174,964.77	904.87
 <u>NATURAL SOURCES DIVISION</u>				
 <u>NATURAL SOURCES</u>				
<i>BIOGENIC SOURCES</i>				
AGRICULTURAL BIOGENICS (BIOMASS)	22,532.44	883.30	0.00	0.00
<i>BIOGENIC SOURCES TOTAL</i>	22,532.44	883.30	0.00	0.00
 <i>GEOGENIC SOURCES</i>				
PETROLEUM SEEPS: GASEOUS FUEL	2,181.19	0.00	0.00	0.00
PETROLEUM SEEPS: CRUDE OIL	2,803.35	0.00	0.00	0.00
<i>GEOGENIC SOURCES TOTAL</i>	4,984.54	0.00	0.00	0.00
 <i>WILDFIRES</i>				
GRASS AND WOODLAND FIRES	4.90	0.00	48.00	0.00
TIMBER AND BRUSH FIRES	648.18	190.40	12,378.60	0.00
<i>WILDFIRES TOTAL</i>	653.08	190.40	12,426.60	0.00
<u>NATURAL SOURCES TOTAL</u>	28,170.06	1,073.70	12,426.60	0.00
<u>NATURAL SOURCES DIVISION TOTAL</u>	28,170.06	1,073.70	12,426.60	0.00
<u>SANTA BARBARA COUNTY TOTAL</u>	56,127.64	23,301.07	194,442.03	1,242.94

TABLE A - 3

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TABLE A - 3

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TABLE A - 3

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TABLE A - 3

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TABLE A - 3

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TABLE A - 3

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1,450.80
349.70
761.33
3,159.23

590.12
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TABLE A - 3

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TABLE A - 3

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TABLE A - 3

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TABLE A - 3

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TABLE A - 3

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TABLE A - 5

ACTIVITY INDICATOR ASSIGNMENT TO EMISSION INVENTORY CATEGORIES

<u>ACTIVITY INDICATOR</u>	<u>ACTIVITY INDICATOR UNITS</u>	<u>1996/1999 ACTIVITY FACTOR</u>	
EMISSION INVENTORY CODE #	MAJOR CATEGORY	SUMMARY CATEGORY	SOURCE CATEGORY
<u>AGRICULTURAL ACRES</u>	<u>ACRES</u>	<u>1.002</u>	
052-042-1200-0000	FUEL COMBUSTION	FOOD & AGRICULTURAL PROCESSING	AGRICULTURAL IRRIGATION I.C. ENGINES (Diesel)
052-995-1000-0000	FUEL COMBUSTION	FOOD & AGRICULTURAL PROCESSING	OTHER (Liquid Fuel)
420-420-6000-0000	INDUSTRIAL PROCESSES	FOOD AND AGRICULTURE	AGRICULTURAL CROP PROCESSING LOSSES
620-614-5400-0000	MISCELLANEOUS	FARMING OPERATIONS	TILLING DUST
620-615-5400-0000	MISCELLANEOUS	FARMING OPERATIONS	HARVEST OPERATIONS - DUST
620-616-5400-0000	MISCELLANEOUS	FARMING OPERATIONS	CATTLE FEEDLOT DUST
645-646-5400-0000	MISCELLANEOUS	UNPAVED ROAD DUST	UNPAVED ROAD TRAVEL DUST- FARM ROADS
650-650-5400-0000	MISCELLANEOUS	FUGITIVE WINDBLOWN DUST	DUST FROM AGRICULTURAL LANDS
650-651-5400-0000	MISCELLANEOUS	FUGITIVE WINDBLOWN DUST	DUST FROM PASTURE LANDS
670-660-0262-0000	MISCELLANEOUS	WASTE BURNING AND DISPOSAL	AGRICULTURAL BURNING - PRUNINGS
670-662-0262-0000	MISCELLANEOUS	WASTE BURNING AND DISPOSAL	AGRICULTURAL BURNING - FIELD CROPS
810-806-1140-0000	OTHER MOBILE SOURCES	AIRCRAFT	AGRICULTURAL AIRCRAFT (CROP DUSTING) (Aviation Gasoline)
870-882-1100-0000	OTHER MOBILE SOURCES	FARM EQUIPMENT	HEAVY-DUTY EQUIPMENT (Gasoline)
870-882-1210-0000	OTHER MOBILE SOURCES	FARM EQUIPMENT	HEAVY-DUTY EQUIPMENT (Diesel)
<i>Standard Industrial Class. # 723</i>	<i>Crop Preparation Services For Market</i>		
420-420-6040-0000	INDUSTRIAL PROCESSES	FOOD AND AGRICULTURE	AGRICULTURAL CROP PROCESSING LOSSES (Grain Feed)
420-420-6068-0000	INDUSTRIAL PROCESSES	FOOD AND AGRICULTURE	AGRICULTURAL CROP PROCESSING LOSSES (Soybean)
<u>AIRCRAFT OPERATIONS</u>	<u>ANNUAL OPERATIONS</u>	<u>1.092</u>	
810-802-1140-0000	OTHER MOBILE SOURCES	AIRCRAFT	PISTON AIRCRAFT - COMMERCIAL (Aviation Gasoline)
810-804-1140-0000	OTHER MOBILE SOURCES	AIRCRAFT	PISTON AIRCRAFT - CIVIL (Aviation Gasoline)
810-810-1400-0000	OTHER MOBILE SOURCES	AIRCRAFT	JET AIRCRAFT - COMMERCIAL (Jet Fuel)
810-812-1400-0000	OTHER MOBILE SOURCES	AIRCRAFT	JET AIRCRAFT - CIVIL (Jet Fuel)
<u>DAILY V.M.T.</u>	<u>1000 VEHICLE MILES TRAVELLED</u>	<u>1.044</u>	
330-374-1100-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	FUEL DISPENSING TANKS - WORKING LOSSES (Gasoline)
330-376-1100-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	FUEL DISPENSING TANKS - BREATHING LOSSES (Gasoline)
330-378-1100-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	VEHICLE REFUELING - VAPOR DISPLACEMENT LOSSES (Gasoline)
330-380-1100-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	VEHICLE REFUELING - SPILLAGE (Gasoline)
640-635-5400-0000	MISCELLANEOUS	PAVED ROAD DUST	PAVED ROAD TRAVEL DUST - FREEWAYS
640-637-5400-0000	MISCELLANEOUS	PAVED ROAD DUST	PAVED ROAD TRAVEL DUST - MAJOR STREETS
640-639-5400-0000	MISCELLANEOUS	PAVED ROAD DUST	PAVED ROAD TRAVEL DUST - COLLECTOR STREETS
640-641-5400-0000	MISCELLANEOUS	PAVED ROAD DUST	PAVED ROAD TRAVEL DUST - LOCAL STREETS
645-638-5400-0000	MISCELLANEOUS	UNPAVED ROAD DUST	UNPAVED ROAD TRAVEL DUST- CITY AND COUNTY ROADS
645-640-5400-0000	MISCELLANEOUS	UNPAVED ROAD DUST	UNPAVED ROAD TRAVEL DUST- U.S. FOREST AND PARK ROADS
645-644-5400-0000	MISCELLANEOUS	UNPAVED ROAD DUST	UNPAVED ROAD TRAVEL DUST- B.L.M. ROADS
<u>EMPLOYMENT-COMMERCIAL</u>	<u>EMPLOYEES</u>	<u>1.052</u>	
060-020-0110-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	SPACE HEATING (Natural Gas)

TABLE A - 5

ACTIVITY INDICATOR ASSIGNMENT TO EMISSION INVENTORY CATEGORIES

<u>ACTIVITY INDICATOR</u>	<u>ACTIVITY INDICATOR UNITS</u>	<u>1996/1999 ACTIVITY FACTOR</u>	
EMISSION INVENTORY CODE #	MAJOR CATEGORY	SUMMARY CATEGORY	SOURCE CATEGORY
060-030-0110-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	WATER HEATING (Natural Gas)
060-995-0110-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	OTHER (Natural Gas)
060-995-0120-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	OTHER (Liquified Petroleum Gas)
060-995-1220-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	OTHER (Distillate Oil)
060-995-1500-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	OTHER (Residual Oil)
220-214-8150-0000	CLEANING AND SURFACE COATINGS	DEGREASING	COMMERCIAL DEGREASING (Petroleum Based Solvents)
230-218-9000-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	AUTO REFINISHING (Unspecified Coatings)
420-408-6090-0000	INDUSTRIAL PROCESSES	FOOD AND AGRICULTURE	WINE FERMENTATION
420-410-6090-0000	INDUSTRIAL PROCESSES	FOOD AND AGRICULTURE	WINE AGING
680-678-1100-0000	MISCELLANEOUS	UTILITY EQUIPMENT	LAWN & GARDEN UTILITY EQUIPMENT - COMMERCIAL (Gasoline)
699-680-6000-0000	MISCELLANEOUS	OTHER (MISCELLANEOUS PROCESSES)	COMMERCIAL CHARBROILING
830-858-1100-0000	OTHER MOBILE SOURCES	SHIPS AND COMMERCIAL BOATS	COMMERCIAL BOATS (Gasoline)
830-858-1210-0000	OTHER MOBILE SOURCES	SHIPS AND COMMERCIAL BOATS	COMMERCIAL BOATS (Diesel)
860-884-1210-0000	OTHER MOBILE SOURCES	COMMERCIAL/INDUSTRIAL MOBILE EQUIP.	TRANSPORT REFRIGERATION UNITS (Diesel)
<i>Standard Industrial Class. # 5142</i>	<i>Packaged Frozen Foods</i>		
060-005-0110-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	BOILERS (Natural Gas)
<i>Standard Industrial Class. # 7011</i>	<i>Hotels And Motels</i>		
020-040-0110-0000	FUEL COMBUSTION	COGENERATION	I.C. RECIPROCATING ENGINES (Natural Gas)
<i>Standard Industrial Class. # 7213</i>	<i>Linen Supply</i>		
060-005-0110-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	BOILERS (Natural Gas)
<i>Standard Industrial Class. # 7216</i>	<i>Drycleaning Plants, Except Rug</i>		
060-005-0110-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	BOILERS (Natural Gas)
<i>Standard Industrial Class. # 7532</i>	<i>Top & Body Repair & Paint Shops</i>		
230-218-9020-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	AUTO REFINISHING (Primers)
230-218-9050-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	AUTO REFINISHING (Topcoats)
230-218-9054-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	AUTO REFINISHING (Laquer Topcoats)
230-240-8302-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES
<i>Standard Industrial Class. # 8062</i>	<i>General Medical & Surgical Hospitals</i>		
060-005-0110-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	BOILERS (Natural Gas)
060-005-1220-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	BOILERS (Distillate Oil)
<u>EMPLOYMENT-INDUSTRIAL</u>	<u>EMPLOYEES</u>	<u>1.047</u>	
050-040-0110-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	I.C. RECIPROCATING ENGINES (Natural Gas)

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ACTIVITY INDICATOR ASSIGNMENT TO EMISSION INVENTORY CATEGORIES

<u>ACTIVITY INDICATOR</u>	<u>ACTIVITY INDICATOR UNITS</u>	<u>1996/1999 ACTIVITY FACTOR</u>	
EMISSION INVENTORY CODE #	MAJOR CATEGORY	SUMMARY CATEGORY	SOURCE CATEGORY
050-040-1200-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	I.C. RECIPROCATING ENGINES (Diesel)
050-995-0110-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	OTHER (Natural Gas)
050-995-0120-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	OTHER (Liquified Petroleum Gas)
050-995-1220-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	OTHER (Distillate Oil)
050-995-1500-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	OTHER (Residual Oil)
220-210-8102-0000	CLEANING AND SURFACE COATINGS	DEGREASING	MANUFACTURING DEGREASING (Synthetic Solvents)
220-210-8150-0000	CLEANING AND SURFACE COATINGS	DEGREASING	MANUFACTURING DEGREASING (Non-Synthetic Solvents)
220-212-8100-0000	CLEANING AND SURFACE COATINGS	DEGREASING	MAINTENANCE DEGREASING (Unspecified Solvents)
230-230-9000-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	METAL PARTS AND PRODUCTS COATINGS
230-232-9000-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	WOOD FURNITURE AND FABRICATED PRODUCTS COATINGS
230-240-8300-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES
230-995-9000-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	OTHER (Unspecified Coatings)
299-292-8202-0000	CLEANING AND SURFACE COATINGS	OTHER (CLEANING & SURFACE COATINGS)	ADHESIVES AND SEALANTS (Organic Solvent Based)
299-292-8250-0000	CLEANING AND SURFACE COATINGS	OTHER (CLEANING & SURFACE COATINGS)	ADHESIVES AND SEALANTS (Water Based)
299-995-8000-0000	CLEANING AND SURFACE COATINGS	OTHER (CLEANING & SURFACE COATINGS)	OTHER (Unspecified Solvents)
330-382-1100-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	BULK PLANTS/TERMINALS - GASOLINE STORAGE - BREATHING LOSSES
330-384-1100-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	BULK PLANTS/TERMINALS - GASOLINE STORAGE - WORKING LOSSES
330-390-1100-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	TANK CARS AND TRUCKS - WORKING LOSSES (Gasoline)
330-995-1100-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	OTHER (Gasoline)
410-403-5018-0000	INDUSTRIAL PROCESSES	CHEMICAL	FIBERGLASS AND FIBERGLASS PRODUCTS MANUFACTURING
540-560-0400-0000	SOLVENT EVAPORATION	ASPHALT PAVING	CUTBACK ASPHALT
540-562-0400-0000	SOLVENT EVAPORATION	ASPHALT PAVING	ROAD OILS
540-564-0400-0000	SOLVENT EVAPORATION	ASPHALT PAVING	HOT-MIX ASPHALT
540-566-0400-0000	SOLVENT EVAPORATION	ASPHALT PAVING	EMULSIFIED ASPHALT
630-622-5400-0000	MISCELLANEOUS	CONSTRUCTION AND DEMOLITION	BUILDING CONSTRUCTION DUST - RESIDENTIAL
630-624-5400-0000	MISCELLANEOUS	CONSTRUCTION AND DEMOLITION	BUILDING CONSTRUCTION DUST- COMMERCIAL
630-626-5400-0000	MISCELLANEOUS	CONSTRUCTION AND DEMOLITION	BUILDING CONSTRUCTION DUST- INDUSTRIAL
630-628-5400-0000	MISCELLANEOUS	CONSTRUCTION AND DEMOLITION	BUILDING CONSTRUCTION DUST - INSTITUTIONAL
630-634-5400-0000	MISCELLANEOUS	CONSTRUCTION AND DEMOLITION	ROAD CONSTRUCTION DUST
860-880-0120-0000	OTHER MOBILE SOURCES	COMMERCIAL/INDUSTRIAL MOBILE EQUIP.	LIGHT-DUTY EQUIPMENT - FOUR STROKE (Liquified Petroleum Gas)
860-880-1100-0000	OTHER MOBILE SOURCES	COMMERCIAL/INDUSTRIAL MOBILE EQUIP.	LIGHT-DUTY EQUIPMENT - FOUR STROKE (Gasoline)
860-880-1210-0000	OTHER MOBILE SOURCES	COMMERCIAL/INDUSTRIAL MOBILE EQUIP.	LIGHT-DUTY EQUIPMENT - FOUR STROKE (Diesel)
860-882-1100-0000	OTHER MOBILE SOURCES	COMMERCIAL/INDUSTRIAL MOBILE EQUIP.	HEAVY-DUTY EQUIPMENT (Gasoline)
860-882-1210-0000	OTHER MOBILE SOURCES	COMMERCIAL/INDUSTRIAL MOBILE EQUIP.	HEAVY-DUTY EQUIPMENT (Diesel)
Standard Industrial Class. # 1422	Crushed And Broken Limestone		
050-040-1200-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	I.C. RECIPROCATING ENGINES (Diesel)
430-434-7048-0000	INDUSTRIAL PROCESSES	MINERAL PROCESSES	LIME MANUFACTURING (Lime)
430-434-7050-0000	INDUSTRIAL PROCESSES	MINERAL PROCESSES	LIME MANUFACTURING (Limestone)
Standard Industrial Class. # 1442	Construction Sand And Gravel		
050-005-0124-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	BOILERS (Propane)
050-010-0110-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	PROCESS HEATERS (Natural Gas)
050-040-1200-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	I.C. RECIPROCATING ENGINES (Diesel)
430-422-7000-0000	INDUSTRIAL PROCESSES	MINERAL PROCESSES	SAND & GRAVEL EXCAVATION/PROCESSING (Mineral & Metal Products)

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ACTIVITY INDICATOR ASSIGNMENT TO EMISSION INVENTORY CATEGORIES

<u>ACTIVITY INDICATOR</u>	<u>ACTIVITY INDICATOR UNITS</u>	<u>1996/1999 ACTIVITY FACTOR</u>	
EMISSION INVENTORY CODE #	MAJOR CATEGORY	SUMMARY CATEGORY	SOURCE CATEGORY
430-422-7078-0000	INDUSTRIAL PROCESSES	MINERAL PROCESSES	SAND & GRAVEL EXCAVATION/PROCESSING (Sand/Aggregate)
<i>Standard Industrial Class. # 1629</i>	<i>Heavy Construction, Nec</i>		
060-040-1200-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	I.C. RECIPROCATING ENGINES (Diesel)
230-995-9100-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	OTHER (Oil Based Coatings)
<i>Standard Industrial Class. # 1799</i>	<i>Special Trade Contractors, Nec</i>		
060-040-1200-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	I.C. RECIPROCATING ENGINES (Diesel)
<i>Standard Industrial Class. # 2034</i>	<i>Dehydrated Fruits, Vegetables, Soups</i>		
052-005-0110-0000	FUEL COMBUSTION	FOOD & AGRICULTURAL PROCESSING	BOILERS (Natural Gas)
<i>Standard Industrial Class. # 2048</i>	<i>Prepared Feeds, Nec</i>		
052-010-0110-0000	FUEL COMBUSTION	FOOD & AGRICULTURAL PROCESSING	PROCESS HEATERS (Natural Gas)
052-010-1500-0000	FUEL COMBUSTION	FOOD & AGRICULTURAL PROCESSING	PROCESS HEATERS (Residual Oil)
330-326-1214-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	FIXED ROOF TANKS - BREATHING LOSSES (Diesel)
330-328-1214-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	FIXED ROOF TANKS - WORKING LOSSES (Diesel)
420-420-6074-0000	INDUSTRIAL PROCESSES	FOOD AND AGRICULTURE	AGRICULTURAL CROP PROCESSING LOSSES (Sugar Beets)
<i>Standard Industrial Class. # 2063</i>	<i>Beet Sugar</i>		
052-005-0110-0000	FUEL COMBUSTION	FOOD & AGRICULTURAL PROCESSING	BOILERS (Natural Gas)
430-995-7048-0000	INDUSTRIAL PROCESSES	MINERAL PROCESSES	OTHER (Lime)
<i>Standard Industrial Class. # 2599</i>	<i>Furniture And Fixtures, Nec</i>		
230-216-8350-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	PREPARATION SOLVENTS
230-230-9000-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	METAL PARTS AND PRODUCTS COATINGS
230-232-9000-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	WOOD FURNITURE & FABRICATED PRODUCTS COATINGS
<i>Standard Industrial Class. # 2951</i>	<i>Asphalt Paving Mixtures And Blocks</i>		
050-010-0110-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	PROCESS HEATERS (Natural Gas)
050-010-1220-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	PROCESS HEATERS (Distillate Oil)
050-040-1200-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	I.C. RECIPROCATING ENGINES (Diesel)
050-995-0110-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	OTHER (Natural Gas)
430-424-7006-0000	INDUSTRIAL PROCESSES	MINERAL PROCESSES	ASPHALTIC CONCRETE PRODUCTION
430-436-7078-0000	INDUSTRIAL PROCESSES	MINERAL PROCESSES	STORAGE PILES (Sand/Aggregate)
<i>Standard Industrial Class. # 3021</i>	<i>Rubber And Plastics Footwear</i>		
130-130-0110-0000	WASTE DISPOSAL	INCINERATORS	INCINERATION (Natural Gas)

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<u>ACTIVITY INDICATOR</u>	<u>ACTIVITY INDICATOR UNITS</u>	<u>1996/1999 ACTIVITY FACTOR</u>	
EMISSION INVENTORY CODE #	MAJOR CATEGORY	SUMMARY CATEGORY	SOURCE CATEGORY
299-292-8200-0000	CLEANING AND SURFACE COATINGS	OTHER (CLEANING & SURFACE COATINGS)	ADHESIVES AND SEALANTS
<i>Standard Industrial Class. # 3273</i>	<i>Ready-mixed Concrete</i>		
230-995-9100-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	OTHER (Oil Based Coatings)
430-430-7016-0000	INDUSTRIAL PROCESSES	MINERAL PROCESSES	CEMENT CONCRETE MANUFACTURING AND FABRICATION
430-430-7018-0000	INDUSTRIAL PROCESSES	MINERAL PROCESSES	CEMENT CONCRETE MANUFACTURING AND FABRICATION
<i>Standard Industrial Class. # 3295</i>	<i>Minerals, Ground Or Treated</i>		
050-005-0110-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	BOILERS (Natural Gas)
050-010-0110-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	PROCESS HEATERS (Natural Gas)
050-040-1100-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	I.C. RECIPROCATING ENGINES (Gasoline)
050-040-1200-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	I.C. RECIPROCATING ENGINES (Diesel)
050-995-1220-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	OTHER (Distillate Oil)
050-995-1500-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	OTHER (Residual Oil)
430-436-7078-0000	INDUSTRIAL PROCESSES	MINERAL PROCESSES	STORAGE PILES (Sand/Aggregate)
430-438-7026-0000	INDUSTRIAL PROCESSES	MINERAL PROCESSES	DIATOMACEOUS EARTH PROCESSING
430-995-7064-0000	INDUSTRIAL PROCESSES	MINERAL PROCESSES	OTHER (Unspecified Non-Metallic Minerals)
430-995-7078-0000	INDUSTRIAL PROCESSES	MINERAL PROCESSES	OTHER (Sand/Aggregate)
<i>Standard Industrial Class. # 3357</i>	<i>Nonferrous Wiredrawing & Insulating</i>		
050-005-0110-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	BOILERS (Natural Gas)
<i>Standard Industrial Class. # 3564</i>	<i>Blowers And Fans</i>		
220-210-3246-0000	CLEANING AND SURFACE COATINGS	DEGREASING	MANUFACTURING DEGREASING (Methylene Chloride)
230-240-0500-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES (Petroleum Naphtha)
230-240-1300-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES (Kerosene)
230-240-3232-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES (Methyl Ethyl Ketone)
230-240-3338-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES (Toluene)
230-240-8302-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES (Unspecified)
299-292-8200-0000	CLEANING AND SURFACE COATINGS	OTHER (CLEANING & SURFACE COATINGS)	ADHESIVES AND SEALANTS (Unspecified)
<i>Standard Industrial Class. # 3589</i>	<i>Service Industry Machinery, Nec</i>		
230-240-3008-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES (Acetone)
230-240-3202-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES (Isopropanol)
230-240-3230-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES (Methyl Chloride)
230-240-8302-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES (Unspecified)
<i>Standard Industrial Class. # 3674</i>	<i>Semiconductors And Related Devices</i>		
220-210-3344-0000	CLEANING AND SURFACE COATINGS	DEGREASING	MANUFACTURING DEGREASING (1,1,1 - Trichloroethane)
220-210-8102-0000	CLEANING AND SURFACE COATINGS	DEGREASING	MANUFACTURING DEGREASING (Synthetic Solvents)
230-240-3202-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES (Isopropanol)

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<u>ACTIVITY INDICATOR</u>	<u>ACTIVITY INDICATOR UNITS</u>	<u>1996/1999 ACTIVITY FACTOR</u>	
EMISSION INVENTORY CODE #	MAJOR CATEGORY	SUMMARY CATEGORY	SOURCE CATEGORY
230-240-3252-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES (Mineral Spirits)
230-240-8302-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES (Unspecified)
230-995-9100-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	OTHER (Oil Based Coatings)
<i>Standard Industrial Class. # 3679</i>	<i>Electronic Components, Nec</i>		
050-005-0110-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	BOILERS (Natural Gas)
<i>Standard Industrial Class. # 3714</i>	<i>Motor Vehicle Parts And Accessories</i>		
220-210-3328-0000	CLEANING AND SURFACE COATINGS	DEGREASING	MANUFACTURING DEGREASING (Stoddard Solvent)
220-210-3344-0000	CLEANING AND SURFACE COATINGS	DEGREASING	MANUFACTURING DEGREASING (1,1,1 - Trichloroethane)
<i>Standard Industrial Class. # 3842</i>	<i>Surgical Appliances And Supplies</i>		
050-005-0110-0000	FUEL COMBUSTION	MANUFACTURING AND INDUSTRIAL	BOILERS (Natural Gas)
220-210-3202-0000	CLEANING AND SURFACE COATINGS	DEGREASING	MANUFACTURING DEGREASING (Isopropanol)
220-210-3344-0000	CLEANING AND SURFACE COATINGS	DEGREASING	MANUFACTURING DEGREASING (1,1,1 - Trichloroethane)
220-210-8102-0000	CLEANING AND SURFACE COATINGS	DEGREASING	MANUFACTURING DEGREASING (Synthetic Solvents)
220-210-8150-0000	CLEANING AND SURFACE COATINGS	DEGREASING	MANUFACTURING DEGREASING (Non-Synthetic Solvents)
230-240-3202-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES (Isopropanol)
230-240-3372-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES (Xylenes)
230-240-8302-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES (Unspecified)
230-995-9000-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	OTHER (Unspecified Coatings)
299-995-3158-0000	CLEANING AND SURFACE COATINGS	OTHER (CLEANING & SURFACE COATINGS)	OTHER (Ethylene Oxide)
410-404-5000-0000	INDUSTRIAL PROCESSES	CHEMICAL	PLASTICS AND PLASTIC PRODUCTS MANUFACTURING
<u>EMPLOYMENT-PUBLIC SERVICES EMPLOYEES</u>		<u>1.047</u>	
<i>Standard Industrial Class. # 4581</i>	<i>Airports, Flying Fields, & Services</i>		
230-216-8350-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	PREPARATION SOLVENTS
230-238-9000-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	AIRCRAFT (Unspecified Coatings)
230-238-9020-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	AIRCRAFT (Primers)
230-238-9050-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	AIRCRAFT (Topcoats)
230-240-8350-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES
<u>HOUSING</u>	<u>HOUSEHOLDS</u>	<u>1.026</u>	
520-520-9100-0000	SOLVENT EVAPORATION	ARCHITECTURAL COATINGS & SOLVENTS	ARCHITECTURAL COATINGS (Oil Based Coatings)
520-520-9200-0000	SOLVENT EVAPORATION	ARCHITECTURAL COATINGS & SOLVENTS	ARCHITECTURAL COATINGS (Water Based Coatings)
520-522-8300-0000	SOLVENT EVAPORATION	ARCHITECTURAL COATINGS & SOLVENTS	THINNING AND CLEANUP SOLVENTS
599-590-0400-0000	SOLVENT EVAPORATION	OTHER (SOLVENT EVAPORATION)	ASPHALT ROOFING OPERATIONS
610-600-0230-0000	MISCELLANEOUS	RESIDENTIAL FUEL COMBUSTION	WOOD COMBUSTION - WOOD STOVES
610-602-0230-0000	MISCELLANEOUS	RESIDENTIAL FUEL COMBUSTION	WOOD COMBUSTION - FIREPLACES
610-606-0110-0000	MISCELLANEOUS	RESIDENTIAL FUEL COMBUSTION	FUEL COMBUSTION - SPACE HEATING (Natural Gas)

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<u>ACTIVITY INDICATOR</u>	<u>ACTIVITY INDICATOR UNITS</u>	<u>1996/1999 ACTIVITY FACTOR</u>	
EMISSION INVENTORY CODE #	MAJOR CATEGORY	SUMMARY CATEGORY	SOURCE CATEGORY
610-606-1220-0000	MISCELLANEOUS	RESIDENTIAL FUEL COMBUSTION	FUEL COMBUSTION - SPACE HEATING (Distillate Oil)
610-608-0110-0000	MISCELLANEOUS	RESIDENTIAL FUEL COMBUSTION	FUEL COMBUSTION - WATER HEATING (Natural Gas)
610-610-0110-0000	MISCELLANEOUS	RESIDENTIAL FUEL COMBUSTION	FUEL COMBUSTION - COOKING (Natural Gas)
610-995-0110-0000	MISCELLANEOUS	RESIDENTIAL FUEL COMBUSTION	OTHER (Natural Gas)
610-995-0120-0000	MISCELLANEOUS	RESIDENTIAL FUEL COMBUSTION	OTHER (Liquified Petroleum Gas)
660-656-0200-0000	MISCELLANEOUS	FIRES	STRUCTURAL FIRES
680-676-1100-0000	MISCELLANEOUS	UTILITY EQUIPMENT	LAWN & GARDEN UTILITY EQUIPMENT - RESIDENTIAL (Gasoline)
<u>LANDFILLS</u>	<u>1000 TONS IN PLACE</u>	<u>1.104</u>	
120-122-0242-0000	WASTE DISPOSAL	LANDFILLS	CLASS II AND III LANDFILLS (Municipal Solid Waste)
<i>Standard Industrial Class. # 4953</i>	<i>Refuse Systems</i>		
060-040-0142-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	I.C. RECIPROCATING ENGINES (Landfill Gas)
120-132-0142-0000	WASTE DISPOSAL	LANDFILLS	FLARES (Landfill Gas)
<u>LOCOMOTIVES</u>	<u>1000 GALLONS BURNED</u>	<u>0.977</u>	
820-820-1210-0000	OTHER MOBILE SOURCES	TRAINS	LOCOMOTIVES - ROAD HAULING (Diesel)
<u>NO GROWTH</u>	<u>NO UNITS</u>	<u>1.000</u>	
020-995-0012-0000	FUEL COMBUSTION	COGENERATION	OTHER (Unspecified Fuel)
499-995-0000-0000	INDUSTRIAL PROCESSES	OTHER (INDUSTRIAL PROCESSES)	OTHER (Unspecified Material)
670-664-0200-0000	MISCELLANEOUS	WASTE BURNING AND DISPOSAL	RANGE IMPROVEMENT
670-670-0200-0000	MISCELLANEOUS	WASTE BURNING AND DISPOSAL	NON-AGRICULTURAL OPEN BURNING
810-808-1400-0000	OTHER MOBILE SOURCES	AIRCRAFT	JET AIRCRAFT - MILITARY
830-838-1000-0000	OTHER MOBILE SOURCES	SHIPS AND COMMERCIAL BOATS	SHIPS MANEUVERING - TUGBOATS
830-860-1000-0000	OTHER MOBILE SOURCES	SHIPS AND COMMERCIAL BOATS	CREW AND SUPPLY BOATS - OFFSHORE OIL PRODUCTION
830-995-1000-0000	OTHER MOBILE SOURCES	SHIPS AND COMMERCIAL BOATS	OTHER (Biomass)
910-910-0250-0001	NATURAL SOURCES	BIOGENIC SOURCES	AGRICULTURAL BIOGENICS
920-920-0100-0000	NATURAL SOURCES	GEOGENIC SOURCES	PETROLEUM SEEPS (Gas)
920-920-1600-0000	NATURAL SOURCES	GEOGENIC SOURCES	PETROLEUM SEEPS (Oil)
930-930-0200-0000	NATURAL SOURCES	WILDFIRES	GRASS AND WOODLAND FIRES
930-932-0200-0000	NATURAL SOURCES	WILDFIRES	TIMBER AND BRUSH FIRES
<i>Standard Industrial Class. # 1311</i>	<i>Crude Petroleum And Natural Gas</i>		
830-860-1000-0000	OTHER MOBILE SOURCES	SHIPS AND COMMERCIAL BOATS	CREW AND SUPPLY BOATS - OFFSHORE OIL PRODUCTION
<i>Standard Industrial Class. # 4911</i>	<i>Electric Services</i>		
010-040-0110-0000	FUEL COMBUSTION	ELECTRIC UTILITIES	I.C. RECIPROCATING ENGINES (Natural Gas)
010-045-0110-0000	FUEL COMBUSTION	ELECTRIC UTILITIES	I.C. TURBINE ENGINES (Natural Gas)
010-045-1200-0000	FUEL COMBUSTION	ELECTRIC UTILITIES	I.C. TURBINE ENGINES (Diesel)

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<u>ACTIVITY INDICATOR</u>	<u>ACTIVITY INDICATOR UNITS</u>	<u>1996/1999 ACTIVITY FACTOR</u>	
EMISSION INVENTORY CODE #	MAJOR CATEGORY	SUMMARY CATEGORY	SOURCE CATEGORY
<i>Standard Industrial Class. # 9199</i>	<i>General Government, Nec</i>		
060-040-0124-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	I.C. RECIPROCATING ENGINES (Propane)
060-040-1100-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	I.C. RECIPROCATING ENGINES (Gasoline)
060-040-1200-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	I.C. RECIPROCATING ENGINES (Diesel)
<i>Standard Industrial Class. # 9211</i>	<i>Courts</i>		
060-005-0110-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	BOILERS (Natural Gas)
<i>Standard Industrial Class. # 9223</i>	<i>Correctional Institutions</i>		
060-005-0110-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	BOILERS (Natural Gas)
060-005-1220-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	BOILERS (Distillate Oil)
230-226-9000-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	METAL FURNITURE AND FIXTURE COATINGS
230-230-9000-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	METAL PARTS AND PRODUCTS COATINGS
<i>Standard Industrial Class. # 9711</i>	<i>National Security</i>		
060-005-0110-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	BOILERS (Natural Gas)
060-005-0124-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	BOILERS (Propane)
060-005-1220-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	BOILERS (Distillate Oil)
060-040-1100-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	I.C. RECIPROCATING ENGINES (Gasoline)
060-040-1200-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	I.C. RECIPROCATING ENGINES (Diesel)
060-045-0110-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	I.C. TURBINE ENGINES (Natural Gas)
060-995-0120-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	OTHER (Liquified Petroleum Gas)
130-130-0110-0000	WASTE DISPOSAL	INCINERATORS	INCINERATION (Natural Gas)
220-214-3346-0000	CLEANING AND SURFACE COATINGS	DEGREASING	COMMERCIAL DEGREASING (Trichloroethylene)
220-214-3350-0000	CLEANING AND SURFACE COATINGS	DEGREASING	COMMERCIAL DEGREASING (Trichlorotrifluoroethane)
220-214-8150-0000	CLEANING AND SURFACE COATINGS	DEGREASING	COMMERCIAL DEGREASING (Petroleum Based Solvents)
230-995-9000-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	OTHER (Unspecified Coatings)
230-995-9100-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	OTHER (Oil Based Coatings)
330-326-1120-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	FIXED ROOF TANKS - BREATHING LOSSES (Gasoline)
330-326-1214-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	FIXED ROOF TANKS - BREATHING LOSSES (Diesel)
330-328-1214-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	FIXED ROOF TANKS - WORKING LOSSES (Diesel)
330-378-1100-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	VEHICLE REFUELING - VAPOR DISPLACEMENT LOSSES (Gasoline)
410-328-4999-0000	INDUSTRIAL PROCESSES	CHEMICAL	FIXED ROOF TANKS - WORKING LOSSES (Unspecified Chemicals)
430-428-7000-0000	INDUSTRIAL PROCESSES	MINERAL PROCESSES	SURFACE BLASTING (Mineral and Metal Products)
430-428-7078-0000	INDUSTRIAL PROCESSES	MINERAL PROCESSES	SURFACE BLASTING (Sand/Aggregate)
<u>PESTICIDE USE</u>	<u>TONS EMITTED</u>	<u>1.056</u>	
530-530-3225-0000	SOLVENT EVAPORATION	PESTICIDES/FERTILIZERS	AGRICULTURAL PESTICIDES (Methyl Bromide)
530-530-5702-0000	SOLVENT EVAPORATION	PESTICIDES/FERTILIZERS	AGRICULTURAL PESTICIDES (Non-Methyl Bromide)
530-540-3225-0000	SOLVENT EVAPORATION	PESTICIDES/FERTILIZERS	STRUCTURAL PESTICIDES (Methyl Bromide)
530-540-5702-0000	SOLVENT EVAPORATION	PESTICIDES/FERTILIZERS	STRUCTURAL PESTICIDES (Non-Methyl Bromide)

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ACTIVITY INDICATOR ASSIGNMENT TO EMISSION INVENTORY CATEGORIES

<u>ACTIVITY INDICATOR</u>	<u>ACTIVITY INDICATOR UNITS</u>	<u>1996/1999 ACTIVITY FACTOR</u>	
EMISSION INVENTORY CODE #	MAJOR CATEGORY	SUMMARY CATEGORY	SOURCE CATEGORY
<u>PETROLEUM PRODUCTION</u>	<u>THOUSAND BARRELS</u>	<u>0.775</u>	
310-300-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FUGITIVE LOSSES - SUMPS AND PITS (Crude Oil)
310-316-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	MISCELLANEOUS FUGITIVE LOSSES (Crude Oil)
310-995-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	OTHER (Crude Oil)
830-830-1500-0000	OTHER MOBILE SOURCES	SHIPS AND COMMERCIAL BOATS	SHIPS MANEUVERING - U.S. STEAMSHIPS (Residual Oil)
830-834-1210-0000	OTHER MOBILE SOURCES	SHIPS AND COMMERCIAL BOATS	SHIPS MANEUVERING - U.S. MOTOR SHIPS (Diesel)
<i>Standard Industrial Class. # 1311</i>	<i>Crude Petroleum And Natural Gas</i>		
220-212-3328-0000	CLEANING AND SURFACE COATINGS	DEGREASING	MAINTENANCE DEGREASING (Stoddard Solvent)
230-240-3252-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES (Mineral Spirits)
230-240-8302-0000	CLEANING AND SURFACE COATINGS	COATINGS & PROCESS SOLVENTS	THINNING AND CLEANUP SOLVENT USES (Unspecified)
310-316-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	MISCELLANEOUS FUGITIVE LOSSES (Crude Oil)
310-322-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FLOATING ROOF TANKS - BREATHING LOSSES (Crude Oil)
310-324-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FLOATING ROOF TANKS - WORKING LOSSES (Crude Oil)
310-326-1610-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FIXED ROOF TANKS - BREATHING LOSSES (Crude Oil)
310-328-1000-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FIXED ROOF TANKS - WORKING LOSSES
310-328-1610-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FIXED ROOF TANKS - WORKING LOSSES
310-356-0110-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	NATURAL GAS PRODUCTION
310-390-1200-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	TANK CARS AND TRUCKS - WORKING LOSSES (Diesel)
310-390-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	TANK CARS AND TRUCKS - WORKING LOSSES (Crude Oil)
330-366-1600-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	TANKER LOADING (Crude Oil)
330-368-1600-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	BARGE LOADING (Crude Oil)
330-378-1100-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	VEHICLE REFUELING - VAPOR DISPLACEMENT LOSSES (Gasoline)
430-428-7000-0000	INDUSTRIAL PROCESSES	MINERAL PROCESSES	SURFACE BLASTING (Mineral and Metal Products)
<i>Standard Industrial Class. # 1321</i>	<i>Natural Gas Liquids</i>		
030-040-0110-0000	FUEL COMBUSTION	OIL & GAS PRODUCTION (COMBUSTION)	I.C. RECIPROCATING ENGINES (Natural Gas)
310-302-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FUGITIVE LOSSES - VALVES (Crude Oil)
310-304-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FUGITIVE LOSSES - FITTINGS (Crude Oil)
310-306-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FUGITIVE LOSSES - PUMPS (Crude Oil)
310-308-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FUGITIVE LOSSES - COMPRESSORS (Crude Oil)
310-326-1000-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FIXED ROOF TANKS - BREATHING LOSSES
310-328-1000-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FIXED ROOF TANKS - WORKING LOSSES
310-356-0110-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	NATURAL GAS PRODUCTION
<i>Standard Industrial Class. # 2911</i>	<i>Petroleum Refining</i>		
040-005-0110-0000	FUEL COMBUSTION	PETROLEUM REFINING (COMBUSTION)	BOILERS (Natural Gas)
040-005-1220-0000	FUEL COMBUSTION	PETROLEUM REFINING (COMBUSTION)	BOILERS (Distillate Oil)
040-010-0110-0000	FUEL COMBUSTION	PETROLEUM REFINING (COMBUSTION)	PROCESS HEATERS (Natural Gas)
040-010-1000-0000	FUEL COMBUSTION	PETROLEUM REFINING (COMBUSTION)	PROCESS HEATERS (Liquid Fuel)
040-010-1500-0000	FUEL COMBUSTION	PETROLEUM REFINING (COMBUSTION)	PROCESS HEATERS (Residual Oil)
320-302-0010-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM REFINING	FUGITIVE LOSSES - VALVES (Hydrocarbon Compounds)

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<u>ACTIVITY INDICATOR</u>	<u>ACTIVITY INDICATOR UNITS</u>	<u>1996/1999 ACTIVITY FACTOR</u>	
EMISSION INVENTORY CODE #	MAJOR CATEGORY	SUMMARY CATEGORY	SOURCE CATEGORY
320-322-1420-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM REFINING	FLOATING ROOF TANKS - BREATHING LOSSES (Jet Naphtha)
320-322-1610-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM REFINING	FLOATING ROOF TANKS - BREATHING LOSSES (Crude Oil)
320-324-1224-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM REFINING	FLOATING ROOF TANKS - WORKING LOSSES (Distillate Oil)
320-324-1420-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM REFINING	FLOATING ROOF TANKS - WORKING LOSSES (Jet Naphtha)
320-324-1600-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM REFINING	FLOATING ROOF TANKS - WORKING LOSSES (Crude Oil)
320-326-1214-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM REFINING	FIXED ROOF TANKS - BREATHING LOSSES (Diesel)
320-328-1214-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM REFINING	FIXED ROOF TANKS - WORKING LOSSES (Diesel)
320-390-1200-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM REFINING	TANK CARS AND TRUCKS - WORKING LOSSES (Diesel)
320-390-1400-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM REFINING	TANK CARS AND TRUCKS - WORKING LOSSES (Jet Fuel)
320-390-1600-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM REFINING	TANK CARS AND TRUCKS - WORKING LOSSES (Crude Oil)
430-428-7078-0000	INDUSTRIAL PROCESSES	MINERAL PROCESSES	SURFACE BLASTING (Sand/Aggregate)
<i>Standard Industrial Class. # 4612 Crude Petroleum Pipelines</i>			
330-302-1600-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	FUGITIVE LOSSES - VALVES (Crude Oil)
330-304-1600-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	FUGITIVE LOSSES - FITTINGS (Crude Oil)
330-322-1610-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	FLOATING ROOF TANKS - BREATHING LOSSES (Crude Oil)
330-324-1600-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	FLOATING ROOF TANKS - WORKING LOSSES (Crude Oil)
330-328-1610-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	FIXED ROOF TANKS - WORKING LOSSES (Crude Oil)
<u>PETROLEUM PROD. WELLS</u>	<u>NUMBER OF PRODUCING WELLS</u>	<u>0.852</u>	
030-060-1210-0000	FUEL COMBUSTION	OIL & GAS PRODUCTION (COMBUSTION)	DRILLING RIGS (Diesel)
310-346-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	TERTIARY OIL PRODUCTION WELLS (Crude Oil)
<i>Standard Industrial Class. # 1311 Crude Petroleum And Natural Gas</i>			
030-005-0110-0000	FUEL COMBUSTION	OIL & GAS PRODUCTION (COMBUSTION)	BOILERS (Natural Gas)
030-010-0110-0000	FUEL COMBUSTION	OIL & GAS PRODUCTION (COMBUSTION)	PROCESS HEATERS (Natural Gas)
030-010-0130-0000	FUEL COMBUSTION	OIL & GAS PRODUCTION (COMBUSTION)	PROCESS HEATERS (Process Gas)
030-015-0110-0000	FUEL COMBUSTION	OIL & GAS PRODUCTION (COMBUSTION)	STEAM GENERATORS (Natural Gas)
030-015-0130-0000	FUEL COMBUSTION	OIL & GAS PRODUCTION (COMBUSTION)	STEAM GENERATORS (Process Gas)
030-040-0110-0000	FUEL COMBUSTION	OIL & GAS PRODUCTION (COMBUSTION)	I.C. RECIPROCATING ENGINES (Natural Gas)
030-040-1200-0000	FUEL COMBUSTION	OIL & GAS PRODUCTION (COMBUSTION)	I.C. RECIPROCATING ENGINES (Diesel)
030-045-0110-0000	FUEL COMBUSTION	OIL & GAS PRODUCTION (COMBUSTION)	I.C. TURBINE ENGINES (Natural Gas)
310-300-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FUGITIVE LOSSES - SUMPS AND PITS (Crude Oil)
310-302-0110-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FUGITIVE LOSSES - VALVES (Crude Oil)
310-302-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FUGITIVE LOSSES - VALVES (Crude Oil)
310-304-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FUGITIVE LOSSES - FITTINGS (Crude Oil)
310-306-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FUGITIVE LOSSES - PUMPS (Crude Oil)
310-308-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FUGITIVE LOSSES - COMPRESSORS (Crude Oil)
310-312-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FUGITIVE LOSSES - WELL CELLARS (Crude Oil)
310-314-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	FUGITIVE LOSSES - OIL/WATER SEPARATORS (Crude Oil)
310-316-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	MISCELLANEOUS FUGITIVE LOSSES (Crude Oil)
310-320-0110-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	VAPOR RECOVERY/FLARES (Natural Gas)
310-320-0130-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	VAPOR RECOVERY/FLARES (Process Gas)
310-340-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	WASTEWATER TREATMENT (Crude Oil)

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<u>ACTIVITY INDICATOR</u>	<u>ACTIVITY INDICATOR UNITS</u>	<u>1996/1999 ACTIVITY FACTOR</u>	
EMISSION INVENTORY CODE #	MAJOR CATEGORY	SUMMARY CATEGORY	SOURCE CATEGORY
310-995-0110-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	OTHER (Natural Gas)
310-995-1600-0000	PETROLEUM PRODUCTION & MARKETING	OIL & GAS PRODUCTION	OTHER (Crude Oil)
<u>POPULATION</u>	<u>RESIDENTS</u>	<u>1.033</u>	
210-200-3300-0000	CLEANING AND SURFACE COATINGS	LAUNDERING	DRY CLEANING (Perchloroethylene)
210-200-8150-0000	CLEANING AND SURFACE COATINGS	LAUNDERING	DRY CLEANING (Petroleum Based Solvents)
240-995-8000-0000	CLEANING AND SURFACE COATINGS	PRINTING	OTHER (Unspecified Solvents)
330-318-0110-0000	PETROLEUM PRODUCTION & MARKETING	PETROLEUM MARKETING	NATURAL GAS TRANSMISSION LOSSES
510-502-9000-0000	SOLVENT EVAPORATION	CONSUMER PRODUCTS	AEROSOL PAINT PROPELLANTS
510-504-9000-0000	SOLVENT EVAPORATION	CONSUMER PRODUCTS	AEROSOL PAINT SOLVENTS
510-510-8000-0000	SOLVENT EVAPORATION	CONSUMER PRODUCTS	AEROSOL PRODUCT PROPELLANTS
510-512-8000-0000	SOLVENT EVAPORATION	CONSUMER PRODUCTS	AEROSOL PRODUCT SOLVENTS
510-514-8000-0000	SOLVENT EVAPORATION	CONSUMER PRODUCTS	NON-AEROSOL SOLVENTS
530-534-5700-0000	SOLVENT EVAPORATION	PESTICIDES/FERTILIZERS	AEROSOL RESIDENTIAL PESTICIDES - PROPELLANTS
530-536-5700-0000	SOLVENT EVAPORATION	PESTICIDES/FERTILIZERS	AEROSOL RESIDENTIAL PESTICIDES - INGREDIENTS
650-652-5400-0000	MISCELLANEOUS	FUGITIVE WINDBLOWN DUST	DUST FROM UNPAVED ROADS AND ASSOCIATED AREAS
660-658-0200-0000	MISCELLANEOUS	FIRES	AUTOMOBILE FIRES
670-668-0200-0000	MISCELLANEOUS	WASTE BURNING AND DISPOSAL	WEED ABATEMENT
840-864-1100-0000	OTHER MOBILE SOURCES	RECREATIONAL BOATS	RECREATIONAL BOATS (Gasoline)
840-864-1210-0000	OTHER MOBILE SOURCES	RECREATIONAL BOATS	RECREATIONAL BOATS (Diesel)
850-872-1100-0000	OTHER MOBILE SOURCES	OFF-ROAD RECREATIONAL VEHICLES	OFF-ROAD MOTORCYCLES (Gasoline)
850-874-1100-0000	OTHER MOBILE SOURCES	OFF-ROAD RECREATIONAL VEHICLES	ALL-TERRAIN VEHICLES (ATV'S) (Gasoline)
850-876-1100-0000	OTHER MOBILE SOURCES	OFF-ROAD RECREATIONAL VEHICLES	FOUR-WHEEL DRIVE VEHICLES (Gasoline)
<i>Standard Industrial Class. # 4952</i>	<i>Sewerage Systems</i>		
060-040-0110-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	I.C. RECIPROCATING ENGINES (Natural Gas)
<i>Standard Industrial Class. # 8221</i>	<i>Colleges And Universities</i>		
060-005-0110-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	BOILERS (Natural Gas)
060-005-1220-0000	FUEL COMBUSTION	SERVICE AND COMMERCIAL	BOILERS (Distillate Oil)
<u>PRESCRIBED FIRES</u>	<u>ACRES</u>	<u>4.767</u>	
670-666-0200-0000	MISCELLANEOUS	WASTE BURNING AND DISPOSAL	FOREST MANAGEMENT (Solid Fuel)
<u>SHIP ACTIVITY</u>	<u>VESSEL TRANSITS</u>	<u>1.010</u>	
830-848-1500-0000	OTHER MOBILE SOURCES	SHIPS AND COMMERCIAL BOATS	SHIPS IN-TRANSIT - U.S. STEAMSHIPS (Residual Oil)
830-850-1500-0000	OTHER MOBILE SOURCES	SHIPS AND COMMERCIAL BOATS	SHIPS IN-TRANSIT - FOREIGN STEAMSHIPS (Residual Oil)
830-852-1210-0000	OTHER MOBILE SOURCES	SHIPS AND COMMERCIAL BOATS	SHIPS IN-TRANSIT - U.S. MOTOR SHIPS (Diesel)
830-854-1210-0000	OTHER MOBILE SOURCES	SHIPS AND COMMERCIAL BOATS	SHIPS IN-TRANSIT - FOREIGN MOTOR SHIPS (Diesel)

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EMISSION INVENTORY CATEGORIES AFFECTED BY RULES AND CONTROL MEASURES

INVENTORY CODE #	AFFECTED EMISSION INVENTORY CATEGORY	MEASURE	RULE #	STATUS	CONTROL MEASURE NAME	CONTROLLED
020-040-0110-0000	IC-Comm./Institution-Natural Gas: Engine/Cogeneration	N-IC-1	333	ADOPTED	STATIONARY IC ENGINES - GAS FIRED	NOx
030-005-0110-0000	Ext.Comb. Boiler-Industrial-Natural Gas: 10-100 MMBTU/hr	N-XC-5	342	ADOPTED	LARGE INDUSTRIAL/COMMERCIAL BOILERS	NOx
030-005-0110-0000	Ext.Comb. Boiler-Industrial-Natural Gas: <10 MMBTU/hr	N-XC-4	342	ADOPTED	SMALL INDUSTRIAL/COMMERCIAL BOILERS	NOx
030-005-1220-0000	Ext.Comb. Boiler-Industrial-Distillate Oil: #1 & #2 Oil	N-XC-5	342	ADOPTED	LARGE INDUSTRIAL/COMMERCIAL BOILERS	NOx
030-010-0110-0000	Oil & Gas Production-Process Heaters: Natural Gas	N-XC-6	342	ADOPTED	PROCESS HEATERS	NOx
030-010-0130-0000	Oil & Gas Production-Process Heaters: Process Gas	N-XC-6	342	ADOPTED	PROCESS HEATERS	NOx
030-015-0110-0000	Oil & Gas Production-Steam Generators: Natural Gas	N-XC-5	342	ADOPTED	LARGE INDUSTRIAL/COMMERCIAL BOILERS	NOx
030-015-0130-0000	Oil & Gas Production-Fuel Fired-Steam Generator: Process Gas	N-XC-5	342	ADOPTED	LARGE INDUSTRIAL/COMMERCIAL BOILERS	NOx
030-040-0110-0000	IC-Electrical Generation-Natural Gas: Reciprocating	N-IC-1	333	ADOPTED	STATIONARY IC ENGINES - GAS FIRED	ROG
030-040-0110-0000	IC-Industrial-Natural Gas: Reciprocating	N-IC-1	333	ADOPTED	STATIONARY IC ENGINES - GAS FIRED	NOx
030-040-0110-0000	IC-Industrial-Natural Gas: Reciprocating	N-IC-1	333	ADOPTED	STATIONARY IC ENGINES - GAS FIRED	NOx
030-040-1200-0000	IC-Industrial-Distillate Oil/Diesel: Reciprocating	N-IC-3	333	ADOPTED	DIESEL INTERNAL COMBUSTION ENGINES	NOx
030-040-1210-0000	IC-Industrial-Large Bore Engine: Diesel	N-IC-3	333	ADOPTED	DIESEL INTERNAL COMBUSTION ENGINES	NOx
030-060-1210-0000	Drilling rigs	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	ROG
040-010-0110-0000	Petroleum-Refining-Process Heaters: Natural Gas Fired	N-XC-6	342	ADOPTED	PROCESS HEATERS	NOx
040-010-1000-0000	Petroleum-Refining-Process Heaters: Oil Fired	N-XC-6	342	ADOPTED	PROCESS HEATERS	NOx
040-010-1500-0000	Petroleum-Asphalt Concrete-Asphalt Heater: Residual Oil	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	ROG
050-010-1220-0000	Petroleum-Asphalt Concrete-Asphalt Heater: Distillate Oil	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	ROG
050-040-1100-0000	IC-Industrial-Gasoline: Reciprocating	N-IC-3	333	ADOPTED	DIESEL INTERNAL COMBUSTION ENGINES	NOx
050-040-1200-0000	Industrial Stationary Fuel Combustion - Diesel	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	NOx
050-995-1220-0000	Industrial - Distillate Oil Combustion	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	NOx
050-995-1500-0000	Industrial-In Process Fuel-Residual Oil: Not Classified	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	NOx
050-995-1500-0000	Industrial Residual Oil Combustion	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	ROG
052-995-1000-0000	Orchard Heaters	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	ROG
060-005-0110-0000	Ext.Comb. Boiler-Comm./Inst.-Natural Gas: <10 MMBTU/hr	N-XC-4	342	ADOPTED	SMALL INDUSTRIAL/COMMERCIAL BOILERS	NOx
060-005-0110-0000	Ext.Comb. Boiler-Comm./Inst.-Natural Gas: 10-100 MMBTU/hr	N-XC-5	342	ADOPTED	LARGE INDUSTRIAL/COMMERCIAL BOILERS	NOx
060-005-0110-0000	Ext.Comb. Boiler-Comm./Inst.-Natural Gas: 10-100 MMBTU/hr	N-XC-5	342	ADOPTED	LARGE INDUSTRIAL/COMMERCIAL BOILERS	NOx
060-005-0110-0000	Ext.Comb. Boiler-Comm./Inst.-Natural Gas: 10-100 MMBTU/hr	N-XC-5	342	ADOPTED	LARGE INDUSTRIAL/COMMERCIAL BOILERS	NOx
060-005-0110-0000	Ext.Comb. Boiler-Comm./Inst.-Natural Gas: <10 MMBTU/hr	N-XC-4	342	ADOPTED	SMALL INDUSTRIAL/COMMERCIAL BOILERS	NOx
060-005-0110-0000	Ext.Comb. Boiler-Comm./Inst.-Natural Gas: <10 MMBTU/hr	N-XC-5	342	ADOPTED	LARGE INDUSTRIAL/COMMERCIAL BOILERS	NOx
060-005-0110-0000	Ext.Comb. Boiler-Comm./Inst.-Natural Gas: <10 MMBTU/hr	N-XC-4	342	ADOPTED	SMALL INDUSTRIAL/COMMERCIAL BOILERS	NOx
060-005-0110-0000	Ext.Comb. Boiler-Comm./Inst.-Natural Gas: 10-100 MMBTU/hr	N-XC-5	342	ADOPTED	LARGE INDUSTRIAL/COMMERCIAL BOILERS	NOx
060-005-0110-0000	Ext.Comb. Boiler-Comm./Inst.-Natural Gas: <10 MMBTU/hr	N-XC-4	342	ADOPTED	SMALL INDUSTRIAL/COMMERCIAL BOILERS	NOx
060-005-0110-0000	Ext.Comb. Boiler-Comm./Inst.-Natural Gas: <10 MMBTU/hr	N-XC-4	342	ADOPTED	SMALL INDUSTRIAL/COMMERCIAL BOILERS	NOx
060-005-0110-0000	Ext.Comb. Boiler-Comm./Inst.-Natural Gas: <10 MMBTU/hr	N-XC-4	342	ADOPTED	SMALL INDUSTRIAL/COMMERCIAL BOILERS	NOx
060-005-0110-0000	Ext.Comb. Boiler-Comm./Inst.-Natural Gas: <10 MMBTU/hr	N-XC-4	342	ADOPTED	SMALL INDUSTRIAL/COMMERCIAL BOILERS	NOx
060-005-1220-0000	Ext.Comb. Boiler-Comm./Inst.-Distillate oil: #1 & #2 Oil	N-XC-4	342	ADOPTED	SMALL INDUSTRIAL/COMMERCIAL BOILERS	NOx
060-005-1220-0000	Ext.Comb. Boiler-Comm./Inst.-Distillate oil: #1 & #2 Oil	N-XC-4	342	ADOPTED	SMALL INDUSTRIAL/COMMERCIAL BOILERS	NOx
060-005-1220-0000	Ext.Comb. Boiler-Comm./Inst.-Distillate oil: #1 & #2 Oil	N-XC-4	342	ADOPTED	SMALL INDUSTRIAL/COMMERCIAL BOILERS	NOx
060-005-1220-0000	Ext.Comb. Boiler-Comm./Inst.-Distillate oil: #1 & #2 Oil	N-XC-4	342	ADOPTED	SMALL INDUSTRIAL/COMMERCIAL BOILERS	NOx
060-020-0110-0000	Commercial - Natural Gas Combustion - Space Heating	N-XC-3	352	PROPOSED	RESIDENTIAL AND COMMERCIAL SPACE HEATERS	NOx
060-030-0110-0000	Commercial - Natural Gas Combustion - Water Heating	N-XC-2	352	PROPOSED	COMMERCIAL WATER HEATERS	NOx

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EMISSION INVENTORY CATEGORIES AFFECTED BY RULES AND CONTROL MEASURES

INVENTORY CODE #	AFFECTED EMISSION INVENTORY CATEGORY	MEASURE	RULE #	STATUS	CONTROL MEASURE NAME	CONTROLLED
060-040-0110-0000	IC-Comm./Institution-Natural Gas: Reciprocating	N-IC-1	333	ADOPTED	STATIONARY IC ENGINES - GAS FIRED	NOx
060-040-0124-0000	IC-Comm./Institution-Propane: Reciprocating	N-IC-3	333	ADOPTED	DIESEL INTERNAL COMBUSTION ENGINES	NOx
060-040-1100-0000	IC-Comm./Institution-Gasoline: Reciprocating	N-IC-3	333	ADOPTED	DIESEL INTERNAL COMBUSTION ENGINES	NOx
060-040-1100-0000	IC-Comm./Institution-Gasoline: Reciprocating	N-IC-3	333	ADOPTED	DIESEL INTERNAL COMBUSTION ENGINES	NOx
060-040-1200-0000	IC-Comm./Institution-Distillate Oil/Diesel: Reciprocating	N-IC-3	333	ADOPTED	DIESEL INTERNAL COMBUSTION ENGINES	NOx
060-040-1200-0000	IC-Comm./Institution-Distillate Oil/Diesel: Reciprocating	N-IC-3	333	ADOPTED	DIESEL INTERNAL COMBUSTION ENGINES	NOx
060-040-1200-0000	IC-Comm./Institution-Distillate Oil/Diesel: Reciprocating	N-IC-3	333	ADOPTED	DIESEL INTERNAL COMBUSTION ENGINES	NOx
060-040-1200-0000	IC-Comm./Institution-Distillate Oil/Diesel: Reciprocating	N-IC-3	333	ADOPTED	DIESEL INTERNAL COMBUSTION ENGINES	NOx
060-040-1200-0000	IC-Comm./Institution-Landfill Gas: Reciprocating	N-IC-1	333	ADOPTED	STATIONARY IC ENGINES - GAS FIRED	NOx
060-995-1220-0000	Commercial - Distillate Oil Combustion	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	NOx
060-995-1500-0000	Commercial - Residual Oil Combustion	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	ROG
120-122-0242-0000	Municipal Waste Disposal - Biodegradation	R-GN-1	341	ADOPTED	CONTROL OF LANDFILL GAS EMISSIONS	ROG
220-210-3202-0000	Solvent-Cold Cleaning-Isopropyl Alcohol: General	R-SL-2	321	ADOPTED	CONTROL OF DEGREASING OPERATIONS	ROG
220-210-3328-0000	Organic Solvent-Vapor Degreasing-Open top: Stoddard Solvent	R-SL-2	321	ADOPTED	CONTROL OF DEGREASING OPERATIONS	ROG
220-210-8102-0000	Solvent-Vapor Degreasing-Open Top: Not Classified	R-SL-2	321	ADOPTED	CONTROL OF DEGREASING OPERATIONS	ROG
220-210-8102-0000	Solvent-Vapor Degreasing-Open Top: Not Classified	R-SL-2	321	ADOPTED	CONTROL OF DEGREASING OPERATIONS	ROG
220-210-8102-0000	Manufacturing Degreasing-Industrial - Synthetic Solvent	R-SL-2	321	ADOPTED	CONTROL OF DEGREASING OPERATIONS	ROG
220-210-8150-0000	Solvent-Cold Cleaning-Other/Not Classified: Specify Solvent	R-SL-2	321	ADOPTED	CONTROL OF DEGREASING OPERATIONS	ROG
220-210-8150-0000	Manufacturing Degreasing-Industrial - Petroleum Solvent	R-SL-2	321	ADOPTED	CONTROL OF DEGREASING OPERATIONS	ROG
220-212-3328-0000	Solvent-Vapor Degreasing-General: Stoddard Solvent	R-SL-2	321	ADOPTED	CONTROL OF DEGREASING OPERATIONS	ROG
220-212-8100-0000	Maintenance Degreasing - Industrial - All Solvents	R-SL-2	321	ADOPTED	CONTROL OF DEGREASING OPERATIONS	ROG
230-216-8350-0000	Solvent-Surface Coating-Misc. Metal Parts: Clean/Pretreatment	R-SC-2	330	ADOPTED	MISC. METAL PARTS & AND AEROSPACE COATINGS	ROG
230-216-8350-0000	Solvent-Surface Coating-Large Aircraft: Clean/Pretreatment	R-SC-2	337	ADOPTED	MISC. METAL PARTS & AND AEROSPACE COATINGS	ROG
230-218-9000-0000	Commercial Coating - Automobile Refinishing	R-SC-4	339	ADOPTED	MOTOR VEHICLE & MOBILE EQUIPMENT COATING	ROG
230-218-9020-0000	Solvent-Surface Coating-Primer: General	R-SC-4	339	ADOPTED	MOTOR VEHICLE & MOBILE EQUIPMENT COATING	ROG
230-218-9050-0000	Solvent-Surface Coating-Autos-Topcoat	R-SC-4	339	ADOPTED	MOTOR VEHICLE & MOBILE EQUIPMENT COATING	ROG
230-218-9054-0000	Solvent-Surface Coating-Lacquer: General	R-SC-4	339	ADOPTED	MOTOR VEHICLE & MOBILE EQUIPMENT COATING	ROG
230-226-9000-0000	Solvent-Surface Coating-Metal Furniture: Coating Operation	R-SC-2	330	ADOPTED	MISC. METAL PARTS & AND AEROSPACE COATINGS	ROG
230-230-9000-0000	Solvent-Surface Coating-Misc. Metal Parts: Coating Operation	R-SC-2	330	ADOPTED	MISC. METAL PARTS & AND AEROSPACE COATINGS	ROG
230-230-9000-0000	Solvent-Surface Coating-Misc. Metal Parts: Coating Operation	R-SC-2	330	ADOPTED	MISC. METAL PARTS & AND AEROSPACE COATINGS	ROG
230-230-9000-0000	Industrial Coating Metal Parts & Products	R-SC-2	330	ADOPTED	MISC. METAL PARTS & AND AEROSPACE COATINGS	ROG
230-232-9000-0000	Solvent-Surface Coating-Wood Furniture: Coating Operation	R-SC-5	351	ADOPTED	SURFACE COATING OF WOOD PRODUCTS	ROG
230-232-9000-0000	Industrial Coating - Wood Furniture and Fixtures	R-SC-5	351	ADOPTED	SURFACE COATING OF WOOD PRODUCTS	ROG
230-238-9000-0000	Solvent-Surface Coating-Large Aircraft: Coating Mixing	R-SC-2	337	ADOPTED	MISC. METAL PARTS & AND AEROSPACE COATINGS	ROG
230-238-9020-0000	Solvent-Surface Coating-Large Aircraft: Prime Coat Operation	R-SC-2	337	ADOPTED	MISC. METAL PARTS & AND AEROSPACE COATINGS	ROG
230-238-9050-0000	Solvent-Surface Coating-Large Aircraft: Top Coat Operation	R-SC-2	337	ADOPTED	MISC. METAL PARTS & AND AEROSPACE COATINGS	ROG
230-240-8350-0000	Solvent-Surface Coating-Large Aircraft: Equipment Cleanup	R-SC-2	337	ADOPTED	MISC. METAL PARTS & AND AEROSPACE COATINGS	ROG
230-995-9000-0000	Solvent-Surface Coating-Miscellaneous	R-SC-4	339	ADOPTED	MOTOR VEHICLE & MOBILE EQUIPMENT COATING	ROG
230-995-9000-0000	Solvent-Surface Coating-Miscellaneous	R-SC-4	339	ADOPTED	MOTOR VEHICLE & MOBILE EQUIPMENT COATING	ROG
230-995-9000-0000	Industrial Coating - Unspecified	R-SC-2	330	ADOPTED	MISC. METAL PARTS & AND AEROSPACE COATINGS	ROG
230-995-9100-0000	Solvent-Surface Coating-Paint General: Solvent Based	R-SC-2	330	ADOPTED	MISC. METAL PARTS & AND AEROSPACE COATINGS	ROG

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EMISSION INVENTORY CATEGORIES AFFECTED BY RULES AND CONTROL MEASURES

INVENTORY CODE #	AFFECTED EMISSION INVENTORY CATEGORY	MEASURE	RULE #	STATUS	CONTROL MEASURE NAME	CONTROLLED
230-995-9100-0000	Solvent-Surface Coating-Paint General: Solvent Based	R-SC-2	330	ADOPTED	MISC. METAL PARTS & AND AEROSPACE COATINGS	ROG
230-995-9100-0000	Solvent-Surface Coating-Paint General: Solvent Based	R-SC-2	330	ADOPTED	MISC. METAL PARTS & AND AEROSPACE COATINGS	ROG
230-995-9100-0000	Solvent-Surface Coating-Paint General: Solvent Based	R-SC-2	330	ADOPTED	MISC. METAL PARTS & AND AEROSPACE COATINGS	ROG
230-995-9100-0000	Solvent-Surface Coating-Paint General: Solvent Based	R-SC-2	330	ADOPTED	MISC. METAL PARTS & AND AEROSPACE COATINGS	ROG
240-995-8000-0000	Printing	R-SL-7	354	ADOPTED	GRAPHIC ARTS - LETTER/OFFSET PRINTING	ROG
299-292-8200-0000	Solvent-Surface Coating-Adhesive	R-SL-9	353	PROPOSE	D ADHESIVES & SEALANTS	ROG
299-292-8200-0000	Solvent-Surface Coating-Adhesive: General	R-SL-9	353	PROPOSE	D ADHESIVES & SEALANTS	ROG
299-292-8202-0000	Adhesive and Sealant - Solvent Based	R-SL-9	353	PROPOSED	ADHESIVES & SEALANTS	ROG
299-292-8250-0000	Adhesive and Sealant - Water Based	R-SL-9	353	PROPOSED	ADHESIVES & SEALANTS	ROG
310-300-1600-0000	Oil & Gas-Crude Oil Production-Crude Oil Sumps: Fugitives	R-PP-1	344	ADOPTED	PETROLEUM SUMPS, PITS & WELL CELLARS	ROG
310-300-1600-0000	Oil & Gas-Crude Oil Production-Crude Oil Pits: Fugitives	R-PP-1	344	ADOPTED	PETROLEUM SUMPS, PITS & WELL CELLARS	ROG
310-302-0110-0000	Oil & Gas-Natural Gas Production: Valves (Vents)	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-302-1600-0000	Petroleum-Fugitive HC-Pipeline Valves: Gas Streams	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-302-1600-0000	Petroleum-Fugitive HC-Pipeline Valves: Lt Liquid/Gas Streams	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-302-1600-0000	Petroleum-Fugitive HC-Pipeline Valves: Heavy Liquid Streams	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-302-1600-0000	Petroleum-Fugitive HC-Open Ended Valves: All Streams	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-302-1600-0000	Petroleum-Fugitive HC-Pressure Relief Valves: All Streams	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-302-1600-0000	Petroleum-Fugitive HC-Pipeline Valves: Gas Streams	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-302-1600-0000	Petroleum-Fugitive HC-Pressure Relief Valves: All Streams	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-304-1600-0000	Petroleum-Fugitive HC-Flanges: All Streams	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-304-1600-0000	Petroleum-Fugitive HC-Flanges: All Streams	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-306-1600-0000	Petroleum-Fugitive HC-Pump Seals-Lt Liquid/Gas Streams	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-306-1600-0000	Petroleum-Fugitive HC-Pump Seals: Heavy Liquid Streams	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-306-1600-0000	Oil & Gas-Crude Oil Production-Wells/Rod Pumps: Fugitives	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-306-1600-0000	Petroleum-Fugitive HC-Pump Seals-Lt Liquid/Gas Streams	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-308-1600-0000	Petroleum-Fugitive HC-Compressor Seals: Gas Streams	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-308-1600-0000	Petroleum-Fugitive HC-Compressor Seals: Gas Streams	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-312-1600-0000	Oil & Gas-Crude Oil Production-Well Cellars(Was 3-10-001-06)	R-PP-1	344	ADOPTED	PETROLEUM SUMPS, PITS & WELL CELLARS	ROG
310-314-1600-0000	Oil & Gas Production-Waste Water Tanks (Was 3-10-001-07)	R-PT-2	325	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG
310-316-1600-0000	Petroleum-Fugitive HC-Pipeline: Valves/Flanges	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-316-1600-0000	Petroleum-Fugitive HC-Drains: All Streams	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-316-1600-0000	Oil & Gas-Crude Oil Production-Complete Oil Wells: Fugitives	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-316-1600-0000	Oil & Gas-Crude-Wash Tanks-Flashing loss: (Was 4-03-001-97)	R-PT-2	325	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG
310-316-1600-0000	Oil Production Fugitive Losses - Unspecified	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-320-0110-0000	Petroleum-Refining-Flares: Natural Gas	N-XC-8	359	ADOPTED	PETROLEUM FLARES AND RELIEF GAS OXIDIZERS	NOx
310-320-0110-0000	Oil & Gas-Natural Gas Production: Flares	N-XC-8	359	ADOPTED	PETROLEUM FLARES AND RELIEF GAS OXIDIZERS	NOx
310-320-0130-0000	Petroleum-Refining-Flares: Process Gas	N-XC-8	359	ADOPTED	PETROLEUM FLARES AND RELIEF GAS OXIDIZERS	NOx
310-322-1600-0000	PS-Floating Roof Tank-External Secondary Seal: Crude Oil	R-PT-2	325	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG
310-324-1600-0000	PS-Floating Roof Tank-Withdrawal Loss: Crude Oil	R-PT-2	325	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG
310-326-1000-0000	PS-Fixed Roof Tanks-Specify Liquid-67K BBL: Breathing Loss	R-PT-2	325	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG
310-326-1610-0000	PS-Fixed Roof Tanks-Crude Oil RVP5-67K BBL: Breathing Loss	R-PT-2	325	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG

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INVENTORY CODE #	AFFECTED EMISSION INVENTORY CATEGORY	MEASURE	RULE #	STATUS	CONTROL MEASURE NAME	CONTROLLED
310-328-1000-0000	PS-Fixed Roof Tanks-Specify Liquid: Working Loss	R-PT-2	325	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG
310-328-1000-0000	PS-Fixed Roof Tanks-Specify Liquid: Working Loss	R-PT-2	325	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG
310-328-1610-0000	PS-Fixed Roof Tanks-Crude Oil RVP5: Working Loss	R-PT-2	325	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG
310-340-1600-0000	Petroleum-Fugitive HC-Process Drains: Waste Water Separator	R-PT-2	325	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG
310-390-1200-0000	Pet. Marketing-Tank Cars/Trucks-Dist. Oil: Submerged/Normal	R-PP-9	346	ADOPTED	LOADING OF ORGANIC LIQUID CARGO VESSELS	ROG
310-390-1600-0000	Pet. Marketing-Tank Cars/Trucks-Crude Oil: Submerged/Normal	R-PP-9	346	ADOPTED	LOADING OF ORGANIC LIQUID CARGO VESSELS	ROG
310-390-1600-0000	Pet. Marketing-Tank Cars/Trucks-Crude Oil: Splash/Normal	R-PP-9	346	ADOPTED	LOADING OF ORGANIC LIQUID CARGO VESSELS	ROG
310-390-1600-0000	Pet. Marketing-Tank Cars/Trucks-Crude Oil: Submerged/Balance	R-PP-9	346	ADOPTED	LOADING OF ORGANIC LIQUID CARGO VESSELS	ROG
310-390-1600-0000	Pet. Marketing-Tank Cars/Trucks-Crude: Splash/Balance	R-PP-9	346	ADOPTED	LOADING OF ORGANIC LIQUID CARGO VESSELS	ROG
310-390-1600-0000	Pet. Marketing-Tank Cars/Trucks-Crude Oil: Submerged/Clean	R-PP-9	346	ADOPTED	LOADING OF ORGANIC LIQUID CARGO VESSELS	ROG
310-995-0110-0000	Oil & Gas-Natural Gas Production: Not Classified	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-995-1600-0000	Oil & Gas-Crude Oil Production-Not Classified	R-PG-1	331	ADOPTED	FUGITIVE EMISSIONS - I & M	ROG
310-995-1600-0000	Fugitive Losses - Tanks	R-PT-2	325	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG
320-322-1420-0000	PS-Floating Roof Tank-Internal Roof: JP-4	R-PT-2	326	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG
320-322-1610-0000	PS-Floating Roof Tank-Crude Oil RVP 5-67K BBL: Standing Loss	R-PT-2	325	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG
320-324-1224-0000	PS-Floating Roof Tank-Distillate Oil #2: Withdrawal Loss	R-PT-2	326	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG
320-324-1420-0000	PS-Floating Roof Tank-Jet Naphtha: Withdrawal Loss	R-PT-2	326	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG
320-390-1200-0000	Pet. Marketing-Tank Cars/Trucks-Dist. Oil: Submerged/Clean	R-PP-9	346	ADOPTED	LOADING OF ORGANIC LIQUID CARGO VESSELS	ROG
320-390-1400-0000	Pet. Marketing-Tank Cars/Trucks-Jet Naphtha: Submerged/Clean	R-PP-9	346	ADOPTED	LOADING OF ORGANIC LIQUID CARGO VESSELS	ROG
330-326-1120-0000	Bulk Plants-Fixed Roof Tanks-Gasoline RVP 10-67K BBL-Br.Loss	ARB-S5			CALIFORNIA REFORMULATED GASOLINE REGULATIONS	ROG
330-326-1214-0000	PS-Fixed Roof Tanks-Distillate #2-67K BBL-Breathing Loss	R-PT-2	326	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG
330-326-1214-0000	PS-Fixed Roof Tanks-Distillate #2-67K BBL-Breathing Loss	R-PT-2	326	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG
330-328-1214-0000	PS-Fixed Roof Tanks-Distillate #2: Working Loss	R-PT-2	326	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG
330-328-1214-0000	PS-Fixed Roof Tanks-Distillate #2: Working Loss	R-PT-2	326	ADOPTED	CRUDE OIL PRODUCTION, SEPARATION & STORAGE	ROG
330-374-1100-0000	Underground Tank - Working Losses	R-PM-2	316	ADOPTED	GASOLINE DISPENSING - PHASE 1	ROG
330-378-1100-0000	PM-Service Stations-Stage II: Vapor-Controlled	ARB-S5			CALIFORNIA REFORMULATED GASOLINE REGULATIONS	ROG
330-378-1100-0000	PM-Service Stations-Stage II: Vapor-Controlled	ARB-S5			CALIFORNIA REFORMULATED GASOLINE REGULATIONS	ROG
330-378-1100-0000	Vehicle Refueling - Vapor Replacement	R-PM-3	316	ADOPTED	GASOLINE DISPENSING - PHASE 2	ROG
330-390-1100-0000	Tank Cars and Trucks - Working Losses	R-PM-1	316	ADOPTED	GASOLINE BULK PLANTS	ROG
410-403-5018-0000	Fiberglass Impregnation and Fabrication	R-SL-5	349	ADOPTED	POLYESTER RESIN OPERATIONS	ROG
510-510-8000-0000	Consumer Products - Aerosol Propellants	ARB-S1	ARB-S1	ADOPTED	CONSUMER PRODUCTS	ROG
510-512-8000-0000	Consumer Product - Aerosol Solvents	ARB-S1	ARB-S1	ADOPTED	CONSUMER PRODUCTS	ROG
510-514-8000-0000	Consumer Products - Non Aerosol Solvents	ARB-S1	ARB-S1	ADOPTED	CONSUMER PRODUCTS	ROG
520-520-9100-0000	Architectural Coatings - Oil Based Coating	R-SC-1	323	ADOPTED	ARCHITECTURAL COATINGS	ROG
520-522-8300-0000	Architectural Coating - Cleanup and Thinning	R-SC-1	323	ADOPTED	ARCHITECTURAL COATINGS	ROG
530-530-3225-0000	Agricultural Pesticides - Methyl Bromide	ARB-S2	ARB-S2	PROPOSED	PESTICIDE REGULATION	ROG
530-530-5702-0000	Agricultural Pesticides - Non-Methyl Bromide	ARB-S2	ARB-S2	PROPOSED	PESTICIDE REGULATION	ROG
530-534-5700-0000	Consumer Product - Aerosol Pesticide Propellant	ARB-S1	ARB-S1	ADOPTED	CONSUMER PRODUCTS	ROG
530-536-5700-0000	Consumer Product - Aerosol Pesticide Ingredient	ARB-S1	ARB-S1	ADOPTED	CONSUMER PRODUCTS	ROG
530-540-3225-0000	Structural Pesticides - Methyl Bromide	ARB-S2	ARB-S2	PROPOSED	PESTICIDE REGULATION	ROG
530-540-5702-0000	Structural Pesticides - Non-Methyl Bromide	ARB-S2	ARB-S2	PROPOSED	PESTICIDE REGULATION	ROG

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INVENTORY CODE #	AFFECTED EMISSION INVENTORY CATEGORY	MEASURE	RULE #	STATUS	CONTROL MEASURE NAME	CONTROLLED
540-560-0400-0000	Asphalt Paving - Cutback Asphalt	R-SL-3	329	ADOPTED	CUTBACK & EMULSIFIED ASPHALT	ROG
540-562-0400-0000	Asphalt Paving - Road Oils	R-SL-3	329	ADOPTED	CUTBACK & EMULSIFIED ASPHALT	ROG
610-606-0110-0000	Residential - Natural Gas Space Heating	N-XC-3	352	PROPOSED	RESIDENTIAL AND COMMERCIAL SPACE HEATERS	NOX
610-606-1220-0000	Residential - Distillate Oil Combustion	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	NOx
610-608-0110-0000	Residential - Natural Gas Water Heating	N-XC-1	352	PROPOSED	RESIDENTIAL WATER HEATERS	NOx
680-676-1100-0000	Lawn & Garden - Residential	ARB-S3	ARB-S3	ADOPTED	UTILITY EQUIPMENT EMISSION LIMITS	ROG
680-678-1100-0000	Commercial Lawn And Garden Equipment	ARB-S3	ARB-S3	ADOPTED	UTILITY EQUIPMENT EMISSION LIMITS	ROG
810-802-1140-0000	Piston Aircraft - Commercial	ARB-M1	ARB-M	5 PROPOSED	AIRCRAFT STDS. (FED)	ROG
810-804-1140-0000	Piston Aircraft - Civil	ARB-M1	ARB-M	5 PROPOSED	AIRCRAFT STDS. (FED)	ROG
810-806-1140-0000	Agricultural - Crop Dusting	ARB-M1	ARB-M	5 PROPOSED	AIRCRAFT STDS. (FED)	ROG
810-810-1400-0000	Jet Aircraft - Commercial	ARB-M1	ARB-M	5 PROPOSED	AIRCRAFT STDS. (FED)	ROG
810-812-1400-0000	Jet Aircraft - Civil	ARB-M1	ARB-M	5 PROPOSED	AIRCRAFT STDS. (FED)	ROG
820-820-1210-0000	Locomotives - Hauling	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	NOx
830-830-1500-0000	Ships Maneuvering - U. S. Steam Ships	ARB-M1	ARB-M	3 PROPOSED	MARINE VESSELS	NOx
830-834-1210-0000	Ships Maneuvering - U. S. Motor Ships	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	NOx
830-848-1500-0000	Ships in Transit - U. S. Steam Ships	ARB-M1	ARB-M	3 PROPOSED	MARINE VESSELS	NOx
830-850-1500-0000	Ships in Transit - Foreign Steam Ships	ARB-M1	ARB-M	3 PROPOSED	MARINE VESSELS	NOx
830-852-1210-0000	Ships in Transit - U. S. Motor Ships	ARB-M1	ARB-M	3 PROPOSED	MARINE VESSELS	NOx
830-854-1210-0000	Ships in Transit - Foreign Motor Ships	ARB-M1	ARB-M	3 PROPOSED	MARINE VESSELS	NOx
830-858-1100-0000	Commercial Boats - Gasoline	ARB-S5	ARB-S5	ADOPTED	CALIFORNIA REFORMULATED GASOLINE REGULATIONS	NOx
830-858-1210-0000	Commercial Boats - Diesel	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	NOx
830-860-1000-0000	Supply Boats	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	NOx
830-995-1000-0000	Ships (Unspecified)	ARB-M1	ARB-M	3 PROPOSED	MARINE VESSELS	NOx
840-864-1100-0000	Recreational Boats - Gasoline	ARB-S5	ARB-S5	ADOPTED	CALIFORNIA REFORMULATED GASOLINE REGULATIONS	NOx
840-864-1210-0000	Recreational Boats - Diesel	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	NOx
850-872-1100-0000	Recreational - Motorcycles	ARB-S5	ARB-S5	ADOPTED	CALIFORNIA REFORMULATED GASOLINE REGULATIONS	ROG
850-874-1100-0000	Recreational - All Terrain Vehicles	ARB-S5	ARB-S5	ADOPTED	CALIFORNIA REFORMULATED GASOLINE REGULATIONS	ROG
850-876-1100-0000	Recreational - Four Wheel Drive O R V	ARB-S5	ARB-S5	ADOPTED	CALIFORNIA REFORMULATED GASOLINE REGULATIONS	NOx
860-880-0120-0000	Light Duty - L P G Industrial Equipment	ARB-M1	ARB-M	1 PROPOSED	INDUSTRIAL GAS & LPG EQPT. (CA)	ROG
860-880-1100-0000	Light Duty - Gasoline Industrial Equipment	ARB-S5	ARB-S5	ADOPTED	CALIFORNIA REFORMULATED GASOLINE REGULATIONS	ROG
860-880-1210-0000	Light Duty - Diesel Industrial Equipment	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	NOx
860-882-1100-0000	Heavy Duty Non-Farm Equipment - Gasoline	ARB-S5	ARB-S5	ADOPTED	CALIFORNIA REFORMULATED GASOLINE REGULATIONS	ROG
860-882-1210-0000	Heavy Duty Non-Farm Equipment - Diesel	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	NOx
860-884-1210-0000	Refrigeration Units - Diesel	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	NOx
870-882-1100-0000	Heavy Duty Farm Equipment - Gasoline	ARB-S5	ARB-S5	ADOPTED	CALIFORNIA REFORMULATED GASOLINE REGULATIONS	ROG
870-882-1210-0000	Heavy Duty Farm Equipment - Diesel	ARB-S4	ARB-S4	ADOPTED	CALIFORNIA DIESEL FUEL REGULATIONS	NOx

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1996 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO

STATIONARY SOURCES DIVISION**FUEL COMBUSTION*****ELECTRIC UTILITIES***

I.C. RECIPROCATING ENGINES	0.00	0.00	0.00
I.C. TURBINE ENGINES (NATURAL GAS)	0.00	0.22	0.13
<i>ELECTRIC UTILITIES TOTAL</i>	0.00	0.22	0.13

COGENERATION

I.C. RECIPROCATING ENGINES	0.00	0.00	0.00
OTHER (FUEL - UNSPECIFIED)	0.00	0.00	0.00
<i>COGENERATION TOTAL</i>	0.00	0.00	0.00

OIL AND GAS PRODUCTION (COMBUSTION)

BOILERS (NATURAL GAS)	0.00	0.05	0.02
PROCESS HEATERS (NATURAL GAS)	0.00	0.04	0.01
PROCESS HEATERS (PROCESS GAS)	0.00	0.03	0.01
STEAM GENERATORS (NATURAL GAS)	0.00	0.01	0.00
STEAM GENERATORS (PROCESS GAS)	0.00	0.01	0.00
I.C. RECIPROCATING ENGINES (NATURAL GAS)	0.50	4.18	4.18
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	0.01	0.19	0.08
I.C. TURBINE ENGINES (NATURAL GAS)	0.03	0.18	0.18
DRILLING RIGS (DIESEL)	0.00	0.02	0.01
<i>OIL AND GAS PRODUCTION (COMBUSTION) TOTAL</i>	0.54	4.71	4.49

PETROLEUM REFINING (COMBUSTION)

BOILERS (NATURAL GAS)	0.00	0.05	0.01
PROCESS HEATERS (NATURAL GAS)	0.00	0.05	0.01
<i>PETROLEUM REFINING (COMBUSTION) TOTAL</i>	0.00	0.10	0.02

MANUFACTURING AND INDUSTRIAL

BOILERS (NATURAL GAS)	0.00	0.03	0.01
BOILERS (PROPANE)	0.00	0.00	0.00
PROCESS HEATERS (NATURAL GAS)	0.03	0.70	0.26
PROCESS HEATERS (DISTILLATE OIL)	0.01	0.06	0.18
I.C. RECIPROCATING ENGINES (NATURAL GAS)	0.00	0.00	0.00
I.C. RECIPROCATING ENGINES (GASOLINE)	0.00	0.00	0.04
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	0.01	0.10	0.02
OTHER (NATURAL GAS)	0.01	0.05	0.04
OTHER (LIQUIFIED PETROLEUM GAS - LPG)	0.00	0.11	0.00
OTHER (DISTILLATE OIL)	0.00	0.01	0.01
OTHER (RESIDUAL OIL)	0.00	0.02	0.00
<i>MANUFACTURING AND INDUSTRIAL TOTAL</i>	0.06	1.08	0.56

FOOD AND AGRICULTURAL PROCESSING

BOILERS	0.00	0.00	0.00
PROCESS HEATERS	0.00	0.00	0.00
AGRICULTURAL IRRIGATION I.C. ENGINES (DIESEL/DISTILLATE OIL)	0.13	1.56	0.35
OTHER (LIQUID FUEL - UNSPECIFIED)	0.00	0.00	0.00

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1996 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
<i>FOOD AND AGRICULTURAL PROCESSING TOTAL</i>	0.13	1.56	0.35
<i>SERVICE AND COMMERCIAL</i>			
BOILERS (NATURAL GAS)	0.00	0.07	0.12
BOILERS (PROPANE)	0.00	0.03	0.01
BOILERS (DISTILLATE OIL)	0.00	0.02	0.00
SPACE HEATING (NATURAL GAS)	0.00	0.03	0.01
WATER HEATING (NATURAL GAS)	0.00	0.07	0.01
I.C. RECIPROCATING ENGINES (NATURAL GAS)	0.04	0.02	0.18
I.C. RECIPROCATING ENGINES (GASOLINE)	0.00	0.00	0.09
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	0.02	0.24	0.06
I.C. TURBINE ENGINES (NATURAL GAS)	0.00	0.02	0.02
OTHER (NATURAL GAS)	0.01	0.21	0.04
OTHER (LIQUIFIED PETROLEUM GAS - LPG)	0.00	0.25	0.00
OTHER (DISTILLATE OIL)	0.00	0.03	0.01
OTHER (RESIDUAL OIL)	0.00	0.00	0.00
<i>SERVICE AND COMMERCIAL TOTAL</i>	0.07	0.99	0.55
<u>FUEL COMBUSTION TOTAL</u>	0.81	8.66	6.11
<u>WASTE DISPOSAL</u>			
<i>LANDFILLS</i>			
CLASS II AND III LANDFILLS (MUNICIPAL SOLID WASTE)	0.41	0.00	0.00
FLARES	0.00	0.00	0.00
<i>LANDFILLS TOTAL</i>	0.41	0.00	0.00
<i>INCINERATORS</i>			
INCINERATION (NATURAL GAS)	0.00	0.06	0.01
<i>INCINERATORS TOTAL</i>	0.00	0.06	0.01
<u>WASTE DISPOSAL TOTAL</u>	0.41	0.06	0.01
<u>CLEANING AND SURFACE COATINGS</u>			
<i>DRY CLEANING</i>			
DRY CLEANING	0.00	0.00	0.00
<i>DRY CLEANING TOTAL</i>	0.00	0.00	0.00
<i>DEGREASING</i>			
MANUFACTURING DEGREASING: ISOPROPANOL (IPA)	0.06	0.00	0.00
MANUFACTURING DEGREASING: STODDARD SOLVENT	0.01	0.00	0.00
MANUFACTURING DEGREASING: PETROLEUM BASED SOLVENTS	0.07	0.00	0.00
MAINTENANCE DEGREASING: STODDARD SOLVENT	0.00	0.00	0.00
MAINTENANCE DEGREASING: DEGREASING SOLVENTS (UNSPECIFIED)	0.11	0.00	0.00
COMMERCIAL DEGREASING: PETROLEUM BASED SOLVENTS	0.62	0.00	0.00
<i>DEGREASING TOTAL</i>	0.87	0.00	0.00
<i>COATINGS AND RELATED PROCESS SOLVENTS</i>			
PREPARATION SOLVENTS	0.00	0.00	0.00

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1996 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
AUTO REFINISHING (UNSPECIFIED COATINGS)	0.31	0.00	0.00
METAL FURNITURE AND FIXTURE COATINGS (COATINGS)	0.00	0.00	0.00
METAL PARTS AND PRODUCTS COATINGS (COATINGS)	0.06	0.00	0.00
WOOD FURNITURE AND FABRICATED PRODUCTS (COATINGS)	0.07	0.00	0.00
AIRCRAFT COATINGS	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: ISOPROPANOL (IPA)	0.01	0.00	0.00
THINNING AND CLEANUP SOLVENTS: MINERAL SPIRITS	0.01	0.00	0.00
THINNING AND CLEANUP SOLVENTS: XYLENES	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: COATINGS (UNSPECIFIED)	0.49	0.00	0.00
THINNING SOLVENTS: COATINGS (UNSPECIFIED)	0.01	0.00	0.00
OTHER COATINGS (UNSPECIFIED)	0.90	0.00	0.00
OTHER OIL BASED (ORGANIC SOLVENT BASED) COATINGS	0.03	0.00	0.00
COATINGS AND RELATED PROCESS SOLVENTS TOTAL	1.89	0.00	0.00
 PRINTING			
OTHER (UNSPECIFIED SOLVENTS)	0.41	0.00	0.00
PRINTING TOTAL	0.41	0.00	0.00
 OTHER (CLEANING AND SURFACE COATINGS)			
ADHESIVES AND SEALANTS (UNSPECIFIED)	0.00	0.00	0.00
ORGANIC SOLVENT BASED ADHESIVES AND SEALANTS (UNSPECIFIED)	0.35	0.00	0.00
WATER BASED ADHESIVES AND SEALANTS (UNSPECIFIED)	0.69	0.00	0.00
OTHER (UNSPECIFIED SOLVENTS)	0.12	0.00	0.00
OTHER (CLEANING AND SURFACE COATINGS) TOTAL	1.16	0.00	0.00
CLEANING AND SURFACE COATINGS TOTAL	4.33	0.00	0.00
 PETROLEUM PRODUCTION AND MARKETING			
OIL AND GAS PRODUCTION			
FUGITIVE LOSSES - SUMPS AND PITS (CRUDE OIL)	0.26	0.00	0.00
FUGITIVE LOSSES - VALVES (NATURAL GAS)	0.01	0.00	0.00
FUGITIVE LOSSES - VALVES (CRUDE OIL)	0.95	0.00	0.00
FUGITIVE LOSSES - FITTINGS (CRUDE OIL)	0.23	0.00	0.00
FUGITIVE LOSSES - PUMPS (CRUDE OIL)	0.02	0.00	0.00
FUGITIVE LOSSES - COMPRESSORS (CRUDE OIL)	0.01	0.00	0.00
FUGITIVE LOSSES - WELL CELLARS (CRUDE OIL)	0.57	0.00	0.00
FUGITIVE LOSSES - OIL/WATER SEPARATORS (CRUDE OIL)	0.05	0.00	0.00
MISCELLANEOUS FUGITIVE LOSSES (CRUDE OIL)	0.29	0.00	0.00
VAPOR RECOVERY/FLARES (NATURAL GAS)	0.06	0.09	0.19
VAPOR RECOVERY/FLARES (PROCESS GAS)	0.05	0.05	0.20
FLOATING ROOF TANKS - BREATHING LOSSES (CRUDE OIL)	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (CRUDE OIL)	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (CRUDE OIL - RVP 5)	0.05	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (CRUDE OIL - RVP 5)	0.07	0.00	0.00
WASTEWATER TREATMENT (CRUDE OIL)	0.01	0.00	0.00
TERTIARY OIL PRODUCTION WELLS (UNSPECIFIED) (CRUDE OIL)	0.01	0.00	0.00
NATURAL GAS PRODUCTION	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (DIESEL/DISTILLATE OIL)	0.01	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (CRUDE OIL)	0.03	0.00	0.00

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1996 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
OTHER (CRUDE OIL)	0.01	0.00	0.00
<i>OIL AND GAS PRODUCTION TOTAL</i>	2.69	0.14	0.39
<i>PETROLEUM REFINING</i>			
FUGITIVE LOSSES - VALVES (HYDROCARBON COMPOUNDS)	0.02	0.00	0.00
FLOATING ROOF TANKS - BREATHING LOSSES (JET NAPHTHA (JP-4))	0.00	0.00	0.00
FLOATING ROOF TANKS - BREATHING LOSSES (CRUDE OIL - RVP 5)	0.01	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (DISTILLATE OIL #2)	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (JET NAPHTHA - JP-4)	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (CRUDE OIL)	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (DIESEL #2)	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (DIESEL #2)	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (DIESEL/DISTILLATE OIL)	0.05	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (JET FUEL)	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (CRUDE OIL)	0.00	0.00	0.00
<i>PETROLEUM REFINING TOTAL</i>	0.08	0.00	0.00
<i>PETROLEUM MARKETING</i>			
FUGITIVE LOSSES - VALVES (CRUDE OIL)	0.00	0.00	0.00
FUGITIVE LOSSES - FITTINGS (CRUDE OIL)	0.00	0.00	0.00
NATURAL GAS TRANSMISSION LOSSES (NATURAL GAS)	0.06	0.00	0.00
FLOATING ROOF TANKS - BREATHING LOSSES (CRUDE OIL - RVP 5)	0.01	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (CRUDE OIL)	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (GASOLINE - RVP 10)	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (DIESEL #2)	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (DIESEL #2)	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (CRUDE OIL - RVP 5)	0.02	0.00	0.00
TANKER LOADING (CRUDE OIL)	0.03	0.00	0.00
BARGE LOADING (CRUDE OIL)	0.05	0.00	0.00
FUEL DISPENSING TANKS - WORKING LOSSES (GASOLINE)	0.22	0.00	0.00
FUEL DISPENSING TANKS - BREATHING LOSSES (GASOLINE)	0.05	0.00	0.00
VEHICLE REFUELING - VAPOR DISPLACEMENT LOSSES (GASOLINE)	0.28	0.00	0.00
VEHICLE REFUELING - SPILLAGE (GASOLINE)	0.09	0.00	0.00
BULK PLANTS/TERMINALS - GASOLINE STORAGE - BREATHING LOSSES	0.01	0.00	0.00
BULK PLANTS/TERMINALS - GASOLINE STORAGE - WORKING LOSSES	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (GASOLINE)	0.01	0.00	0.00
STORAGE/TRANSPORT CONTAINER CLEANING (DRUMS)	0.00	0.00	0.00
OTHER (GASOLINE)	0.00	0.00	0.00
<i>PETROLEUM MARKETING TOTAL</i>	0.83	0.00	0.00
<u>PETROLEUM PRODUCTION AND MARKETING TOTAL</u>	3.60	0.14	0.39
<u>INDUSTRIAL PROCESSES</u>			
<i>CHEMICAL</i>			
FIXED ROOF TANKS - WORKING LOSSES (CHEMICALS - UNSPECIFIED)	0.00	0.00	0.00
FIBERGLASS PRODUCTS MANUFACTURING	0.02	0.00	0.00
PLASTICS AND PLASTIC PRODUCTS MANUFACTURING	0.00	0.00	0.00
<i>CHEMICAL TOTAL</i>	0.02	0.00	0.00
<i>FOOD AND AGRICULTURE</i>			

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1996 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
WINE FERMENTATION	0.04	0.00	0.00
WINE AGING	0.07	0.00	0.00
AGRICULTURAL CROP PROCESSING LOSSES (FOOD/AG. PRODUCTS)	0.00	0.00	0.00
AGRICULTURAL CROP PROCESSING LOSSES (SOYBEAN)	0.00	0.00	0.00
FOOD AND AGRICULTURE TOTAL	0.11	0.00	0.00
MINERAL PROCESSES			
SAND AND GRAVEL EXCAVATION/PROCESSING (MINERALS/ METALS)	0.00	0.00	0.00
SAND AND GRAVEL EXCAVATION/PROCESSING (SAND/AGGREGATE)	0.00	0.00	0.00
ASPHALTIC CONCRETE PRODUCTION	0.00	0.00	0.00
SURFACE BLASTING (MINERAL AND METAL PRODUCTS)	0.00	0.00	0.00
CEMENT CONCRETE MANUFACTURING AND FABRICATION	0.00	0.00	0.00
LIME MANUFACTURING (LIME)	0.00	0.00	0.00
LIME MANUFACTURING (LIMESTONE)	0.00	0.00	0.00
STORAGE PILES (CEMENT CONCRETE)	0.00	0.00	0.00
STORAGE PILES (SAND/AGGREGATE)	0.00	0.00	0.00
DIATOMACEOUS EARTH PROCESSING	0.00	0.00	0.00
OTHER (NON-METALLIC MINERALS - UNSPECIFIED)	0.00	0.00	0.00
OTHER (SAND/AGGREGATE)	0.00	0.00	0.00
MINERAL PROCESSES TOTAL	0.00	0.00	0.00
OTHER (INDUSTRIAL PROCESSES)			
OTHER (MATERIAL NOT SPECIFIED)	0.00	0.01	0.27
OTHER (INDUSTRIAL PROCESSES) TOTAL	0.00	0.01	0.27
<u>INDUSTRIAL PROCESSES TOTAL</u>	0.13	0.01	0.27
<u>STATIONARY SOURCES DIVISION TOTAL</u>	9.27	8.85	6.77
<u>AREA-WIDE SOURCES DIVISION</u>			
<u>SOLVENT EVAPORATION</u>			
CONSUMER PRODUCTS			
AEROSOL PAINT PROPELLANTS (UNSPECIFIED COATINGS)	0.15	0.00	0.00
AEROSOL PAINT SOLVENTS (UNSPECIFIED COATINGS)	0.26	0.00	0.00
AEROSOL PRODUCT PROPELLANTS (UNSPECIFIED SOLVENTS)	0.33	0.00	0.00
AEROSOL PRODUCT SOLVENTS (UNSPECIFIED SOLVENTS)	0.99	0.00	0.00
NON-AEROSOL SOLVENTS (UNSPECIFIED SOLVENTS)	1.39	0.00	0.00
CONSUMER PRODUCTS TOTAL	3.12	0.00	0.00
ARCHITECTURAL COATINGS AND PROCESS SOLVENTS			
ARCHITECTURAL COATINGS (OIL BASED COATINGS)	1.10	0.00	0.00
ARCHITECTURAL COATINGS (WATER BASED COATINGS)	0.59	0.00	0.00
THINNING AND CLEANUP SOLVENTS - COATINGS (UNSPECIFIED)	0.21	0.00	0.00
ARCHITECTURAL COATINGS AND PROCESS SOLVENTS	1.90	0.00	0.00
PESTICIDES/FERTILIZERS			
AGRICULTURAL PESTICIDES: METHYL BROMIDE	1.09	0.00	0.00

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1996 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
AGRICULTURAL PESTICIDES: NON - METHYL BROMIDE PESTICIDES	1.21	0.00	0.00
AEROSOL RESIDENTIAL PESTICIDES - PROPELLANTS	0.05	0.00	0.00
AEROSOL RESIDENTIAL PESTICIDES - INGREDIENTS	0.13	0.00	0.00
STRUCTURAL PESTICIDES: METHYL BROMIDE	0.00	0.00	0.00
STRUCTURAL PESTICIDES: NON - METHYL BROMIDE PESTICIDES	0.11	0.00	0.00
PESTICIDES/FERTILIZERS TOTALS	2.59	0.00	0.00
ASPHALT PAVING			
CUTBACK ASPHALT	0.16	0.00	0.00
ROAD OILS (ASPHALT)	0.12	0.00	0.00
HOT-MIX ASPHALT	0.00	0.00	0.00
EMULSIFIED ASPHALT	0.06	0.00	0.00
ASPHALT PAVING TOTAL	0.34	0.00	0.00
OTHER (SOLVENT EVAPORATION)			
ASPHALT ROOFING OPERATIONS	0.09	0.00	0.00
OTHER (SOLVENT EVAPORATION) TOTAL	0.09	0.00	0.00
<u>SOLVENT EVAPORATION TOTAL</u>	8.04	0.00	0.00
<u>MISCELLANEOUS</u>			
RESIDENTIAL FUEL COMBUSTION			
WOOD COMBUSTION - WOOD STOVES	0.09	0.00	0.21
WOOD COMBUSTION - FIREPLACES	0.08	0.02	1.51
FUEL COMBUSTION - SPACE HEATING (NATURAL GAS)	0.00	0.06	0.01
FUEL COMBUSTION - SPACE HEATING (DISTILLATE OIL)	0.00	0.00	0.00
FUEL COMBUSTION - WATER HEATING (NATURAL GAS)	0.00	0.37	0.04
FUEL COMBUSTION - COOKING (NATURAL GAS)	0.00	0.04	0.04
OTHER (NATURAL GAS)	0.00	0.02	0.01
OTHER (LIQUIFIED PETROLEUM GAS - LPG)	0.00	0.01	0.00
RESIDENTIAL FUEL COMBUSTION TOTAL	0.10	0.52	1.82
FARMING OPERATIONS			
TILLING DUST	0.00	0.00	0.00
HARVEST OPERATIONS - DUST	0.00	0.00	0.00
CATTLE FEEDLOT DUST	0.00	0.00	0.00
FARMING OPERATIONS TOTAL	0.00	0.00	0.00
CONSTRUCTION AND DEMOLITION			
BUILDING CONSTRUCTION DUST - RESIDENTIAL	0.00	0.00	0.00
BUILDING CONSTRUCTION DUST- COMMERCIAL	0.00	0.00	0.00
BUILDING CONSTRUCTION DUST- INDUSTRIAL	0.00	0.00	0.00
BUILDING CONSTRUCTION DUST - INSTITUTIONAL	0.00	0.00	0.00
ROAD CONSTRUCTION DUST	0.00	0.00	0.00
CONSTRUCTION AND DEMOLITION TOTAL	0.00	0.00	0.00
PAVED ROAD DUST			
PAVED ROAD TRAVEL DUST - FREEWAYS	0.00	0.00	0.00

TABLE A - 7

1996 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
PAVED ROAD TRAVEL DUST - MAJOR STREETS	0.00	0.00	0.00
PAVED ROAD TRAVEL DUST - COLLECTOR STREETS	0.00	0.00	0.00
PAVED ROAD TRAVEL DUST - LOCAL STREETS	0.00	0.00	0.00
<i>PAVED ROAD DUST TOTAL</i>	0.00	0.00	0.00
<i>UNPAVED ROAD DUST</i>			
UNPAVED ROAD TRAVEL DUST- CITY AND COUNTY ROADS	0.00	0.00	0.00
UNPAVED ROAD TRAVEL DUST- U.S. FOREST AND PARK ROADS	0.00	0.00	0.00
UNPAVED ROAD TRAVEL DUST- B.L.M. ROADS	0.00	0.00	0.00
UNPAVED ROAD TRAVEL DUST- FARM ROADS	0.00	0.00	0.00
<i>UNPAVED ROAD DUST TOTAL</i>	0.00	0.00	0.00
<i>FUGITIVE WINDBLOWN DUST</i>			
DUST FROM AGRICULTURAL LANDS	0.00	0.00	0.00
DUST FROM PASTURE LANDS	0.00	0.00	0.00
DUST FROM UNPAVED ROADS AND ASSOCIATED AREAS	0.00	0.00	0.00
<i>FUGITIVE WINDBLOWN DUST TOTAL</i>	0.00	0.00	0.00
<i>FIRES</i>			
STRUCTURAL FIRES	0.01	0.00	0.11
AUTOMOBILE FIRES	0.00	0.00	0.01
<i>FIRES TOTALS</i>	0.01	0.00	0.12
<i>WASTE BURNING AND DISPOSAL</i>			
AGRICULTURAL BURNING - PRUNINGS	0.02	0.00	0.16
AGRICULTURAL BURNING - FIELD CROPS	0.00	0.00	0.02
RANGE IMPROVEMENT	0.00	0.00	0.00
FOREST MANAGEMENT	0.00	0.00	0.00
WEED ABATEMENT	0.00	0.00	0.00
NON-AGRICULTURAL OPEN BURNING	0.00	0.00	0.00
<i>WASTE BURNING AND DISPOSAL TOTAL</i>	0.02	0.00	0.18
<i>UTILITY EQUIPMENT</i>			
LAWN & GARDEN - FOUR STROKE - RESIDENTIAL (GASOLINE)	0.23	0.02	2.66
LAWN & GARDEN - FOUR STROKE - COMMERCIAL (GASOLINE)	0.62	0.04	6.36
<i>UTILITY EQUIPMENT TOTAL</i>	0.85	0.06	9.02
<i>OTHER (MISCELLANEOUS PROCESSES)</i>			
COMMERCIAL CHARBROILING (FOOD/AGRICULTURAL PRODUCTS)	0.08	0.00	0.00
<i>OTHER (MISCELLANEOUS PROCESSES) TOTAL</i>	0.08	0.00	0.00
<u>MISCELLANEOUS TOTAL</u>	1.05	0.58	11.15
<u>AREA-WIDE SOURCES DIVISION TOTAL</u>	9.09	0.58	11.15

MOBILE SOURCES DIVISION

TABLE A - 7

1996 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO

ON-ROAD MOTOR VEHICLES

LIGHT DUTY PASSENGER

NON-CATALYST STARTS (GASOLINE)	1.00	0.12	5.42
NON-CATALYST HOT STABILIZED (GASOLINE)	2.60	1.32	16.98
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.11	0.00	0.00
NON-CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.04	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	0.56	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.20	0.00	0.00
NON-CATALYST CRANKCASE (GASOLINE)	0.06	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
CATALYST STARTS (GASOLINE)	3.44	2.40	46.50
CATALYST HOT STABILIZED (GASOLINE)	3.00	7.25	54.45
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.75	0.00	0.00
CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.41	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	0.74	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.39	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
DIESEL STARTS (DIESEL)	0.01	0.01	0.10
DIESEL HOT STABILIZED (DIESEL)	0.02	0.11	0.08
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>LIGHT DUTY PASSENGER TOTAL</i>	13.33	11.21	123.53

LIGHT DUTY TRUCKS

NON-CATALYST STARTS (GASOLINE)	0.31	0.05	1.82
NON-CATALYST HOT STABILIZED (GASOLINE)	0.50	0.39	3.85
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.04	0.00	0.00
NON-CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.04	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	0.27	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.10	0.00	0.00
NON-CATALYST CRANKCASE (GASOLINE)	0.08	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
CATALYST STARTS (GASOLINE)	1.74	1.45	21.06
CATALYST HOT STABILIZED (GASOLINE)	1.47	4.53	23.04
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.21	0.00	0.00
CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.15	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	0.28	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.15	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
DIESEL STARTS (DIESEL)	0.01	0.01	0.04
DIESEL HOT STABILIZED (DIESEL)	0.01	0.04	0.03
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>LIGHT DUTY TRUCKS TOTAL</i>	5.36	6.47	49.84

TABLE A - 7

1996 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
<i>MEDIUM DUTY TRUCKS</i>			
NON-CATALYST STARTS (GASOLINE)	0.01	0.00	0.06
NON-CATALYST HOT STABILIZED (GASOLINE)	0.02	0.01	0.12
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.00	0.00	0.00
NON-CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.00	0.00	0.00
CATALYST STARTS (GASOLINE)	0.25	0.22	2.49
CATALYST HOT STABILIZED (GASOLINE)	0.24	0.70	1.99
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.03	0.00	0.00
CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.02	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	0.02	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.02	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>MEDIUM DUTY TRUCKS TOTAL</i>	0.61	0.93	4.66
<i>LIGHT HEAVY DUTY GAS TRUCKS</i>			
NON-CATALYST HOT STABILIZED (GASOLINE)	0.08	0.30	1.82
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.01	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	0.01	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.01	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
CATALYST HOT STABILIZED (GASOLINE)	0.05	0.62	0.85
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.01	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	0.01	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.00	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>LIGHT HEAVY DUTY GAS TRUCKS TOTAL</i>	0.18	0.92	2.67
<i>MEDIUM HEAVY DUTY GAS TRUCKS</i>			
NON-CATALYST HOT STABILIZED (GASOLINE)	0.06	0.18	1.32
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	0.01	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.01	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
CATALYST HOT STABILIZED (GASOLINE)	0.01	0.13	0.17
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.00	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	0.00	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.00	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>MEDIUM HEAVY DUTY GAS TRUCKS TOTAL</i>	0.09	0.31	1.49
<i>LIGHT HEAVY DUTY DIESEL TRUCKS</i>			
DIESEL HOT STABILIZED (DIESEL)	0.06	0.48	0.38
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>LIGHT HEAVY DUTY DIESEL TRUCKS TOTAL</i>	0.06	0.48	0.38

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1996 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
<i>MEDIUM HEAVY DUTY DIESEL TRUCKS</i>			
DIESEL HOT STABILIZED (DIESEL)	0.14	1.08	0.79
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>MEDIUM HEAVY DUTY DIESEL TRUCKS TOTAL</i>	0.14	1.08	0.79
<i>HEAVY HEAVY DUTY DIESEL TRUCKS</i>			
DIESEL HOT STABILIZED (DIESEL)	0.41	3.53	2.15
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>HEAVY HEAVY DUTY DIESEL TRUCKS TOTAL</i>	0.41	3.53	2.15
<i>MOTORCYCLES</i>			
NON-CATALYST STARTS (GASOLINE)	0.04	0.00	0.19
NON-CATALYST HOT STABILIZED (GASOLINE)	0.12	0.09	0.56
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.01	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>MOTORCYCLES TOTAL</i>	0.17	0.09	0.75
<i>HEAVY DUTY DIESEL URBAN BUSES</i>			
DIESEL HOT STABILIZED (DIESEL)	0.02	0.21	0.02
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
<i>HEAVY DUTY DIESEL URBAN BUSES TOTAL</i>	0.02	0.21	0.02
<u>ON-ROAD MOTOR VEHICLES</u>	20.38	25.24	186.27
<u>OTHER MOBILE SOURCES</u>			
<i>AIRCRAFT</i>			
PISTON AIRCRAFT - COMMERCIAL (AVIATION GASOLINE)	0.00	0.00	0.00
PISTON AIRCRAFT - CIVIL (AVIATION GASOLINE)	0.08	0.00	4.29
AGRICULTURAL AIRCRAFT (CROP DUSTING) (AVIATION GASOLINE)	0.00	0.00	0.03
JET AIRCRAFT - MILITARY (JET FUEL)	0.03	0.15	0.08
JET AIRCRAFT - COMMERCIAL (JET FUEL)	0.24	0.06	0.39
JET AIRCRAFT - CIVIL (JET FUEL)	0.11	0.02	0.18
<i>AIRCRAFT TOTAL</i>	0.46	0.23	4.97
<i>TRAINS</i>			
LOCOMOTIVES - ROAD HAULING (DIESEL)	0.07	1.84	0.22
<i>TRAINS TOTAL</i>	0.07	1.84	0.22
<i>SHIPS AND COMMERCIAL BOATS</i>			
SHIPS MANEUVERING - U.S. STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00
SHIPS MANEUVERING - U.S. MOTOR SHIPS (DIESEL)	0.00	0.00	0.00
SHIPS MANEUVERING - TUGBOATS (LIQUID FUEL)	0.00	0.00	0.00

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1996 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
SHIPS IN-TRANSIT - U.S. STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00
SHIPS IN-TRANSIT - FOREIGN STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00
SHIPS IN-TRANSIT - U.S. MOTOR SHIPS (DIESEL)	0.00	0.00	0.00
SHIPS IN-TRANSIT - FOREIGN MOTOR SHIPS (DIESEL)	0.00	0.00	0.00
COMMERCIAL BOATS (GASOLINE)	0.01	0.00	0.07
COMMERCIAL BOATS (DIESEL)	0.05	0.50	0.11
CREW & SUPPLY BOATS - OFFSHORE OIL PRODUCTION (LIQUID FUEL)	0.01	0.19	0.03
OTHER (LIQUID FUEL)	0.00	0.00	0.00
<i>SHIPS AND COMMERCIAL BOATS TOTAL</i>	0.07	0.69	0.21
<i>RECREATIONAL BOATS</i>			
RECREATIONAL BOATS (GASOLINE)	0.44	0.01	1.46
RECREATIONAL BOATS (DIESEL)	0.04	0.09	0.04
<i>RECREATIONAL BOATS TOTAL</i>	0.48	0.10	1.50
<i>OFF-ROAD RECREATIONAL VEHICLES</i>			
OFF-ROAD MOTORCYCLES (GASOLINE)	0.27	0.02	1.57
ALL-TERRAIN VEHICLES (ATV'S) (GASOLINE)	0.00	0.00	0.00
FOUR-WHEEL DRIVE VEHICLES (GASOLINE)	0.04	0.03	0.50
<i>OFF-ROAD RECREATIONAL VEHICLES TOTAL</i>	0.31	0.05	2.07
<i>COMMERCIAL/INDUSTRIAL MOBILE EQUIPMENT</i>			
LIGHT-DUTY EQUIPMENT - FOUR STROKE (LPG)	0.17	0.17	4.97
LIGHT-DUTY EQUIPMENT - FOUR STROKE (GASOLINE)	0.22	0.10	6.77
LIGHT-DUTY EQUIPMENT - FOUR STROKE (DIESEL)	0.20	2.47	1.24
HEAVY-DUTY EQUIPMENT (GASOLINE)	0.01	0.01	0.25
HEAVY-DUTY EQUIPMENT (DIESEL)	0.07	1.22	0.38
TRANSPORT REFRIGERATION UNITS (DIESEL)	0.01	0.14	0.09
<i>COMMERCIAL/INDUSTRIAL MOBILE EQUIPMENT TOTAL</i>	0.68	4.11	13.70
<i>FARM EQUIPMENT</i>			
HEAVY-DUTY EQUIPMENT (GASOLINE)	0.24	0.15	7.91
HEAVY-DUTY EQUIPMENT (DIESEL)	0.31	3.70	1.21
<i>FARM EQUIPMENT TOTAL</i>	0.55	3.85	9.12
<u><i>OTHER MOBILE SOURCES TOTAL</i></u>	2.62	10.87	31.79
<u>MOBILE SOURCES DIVISION TOTAL</u>	23.00	36.11	218.06
<u>SANTA BARBARA COUNTY TOTAL</u>	41.37	45.54	235.99

TABLE A - 8

1999 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NO _x	CO

STATIONARY SOURCES DIVISION**FUEL COMBUSTION*****ELECTRIC UTILITIES***

I.C. RECIPROCATING ENGINES	0.01	0.00	0.02
I.C. TURBINE ENGINES (NATURAL GAS)	0.00	0.22	0.13
<i>ELECTRIC UTILITIES TOTAL</i>	0.01	0.22	0.15

COGENERATION

I.C. RECIPROCATING ENGINES	0.00	0.00	0.00
OTHER (FUEL - UNSPECIFIED)	0.00	0.00	0.00
<i>COGENERATION TOTAL</i>	0.00	0.00	0.00

OIL AND GAS PRODUCTION (COMBUSTION)

BOILERS (NATURAL GAS)	0.00	0.05	0.02
PROCESS HEATERS (NATURAL GAS)	0.00	0.04	0.01
PROCESS HEATERS (PROCESS GAS)	0.00	0.03	0.01
STEAM GENERATORS (NATURAL GAS)	0.00	0.01	0.00
STEAM GENERATORS (PROCESS GAS)	0.00	0.01	0.01
I.C. RECIPROCATING ENGINES (NATURAL GAS)	0.49	4.07	4.05
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	0.01	0.18	0.07
I.C. TURBINE ENGINES (NATURAL GAS)	0.03	0.18	0.18
DRILLING RIGS (DIESEL)	0.00	0.01	0.01
<i>OIL AND GAS PRODUCTION (COMBUSTION) TOTAL</i>	0.53	4.58	4.36

PETROLEUM REFINING (COMBUSTION)

BOILERS (NATURAL GAS)	0.00	0.02	0.01
PROCESS HEATERS (NATURAL GAS)	0.00	0.02	0.01
<i>PETROLEUM REFINING (COMBUSTION) TOTAL</i>	0.00	0.04	0.02

MANUFACTURING AND INDUSTRIAL

BOILERS (NATURAL GAS)	0.00	0.01	0.01
BOILERS (PROPANE)	0.00	0.00	0.00
PROCESS HEATERS (NATURAL GAS)	0.07	0.91	1.13
PROCESS HEATERS (DISTILLATE OIL)	0.02	0.06	0.18
I.C. RECIPROCATING ENGINES (NATURAL GAS)	0.00	0.01	0.00
I.C. RECIPROCATING ENGINES (GASOLINE)	0.00	0.00	0.04
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	0.01	0.10	0.03
OTHER (NATURAL GAS)	0.01	0.05	0.04
OTHER (LIQUIFIED PETROLEUM GAS - LPG)	0.00	0.12	0.00
OTHER (DISTILLATE OIL)	0.00	0.01	0.01
OTHER (RESIDUAL OIL)	0.00	0.02	0.00
<i>MANUFACTURING AND INDUSTRIAL TOTAL</i>	0.09	1.29	1.44

FOOD AND AGRICULTURAL PROCESSING

BOILERS	0.00	0.00	0.00
PROCESS HEATERS	0.00	0.00	0.00
AGRICULTURAL IRRIGATION I.C. ENGINES (DIESEL/DISTILLATE OIL)	0.13	1.56	0.35
OTHER (LIQUID FUEL - UNSPECIFIED)	0.00	0.00	0.00

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1999 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
<i>FOOD AND AGRICULTURAL PROCESSING TOTAL</i>	0.13	1.56	0.35
<i>SERVICE AND COMMERCIAL</i>			
BOILERS (NATURAL GAS)	0.00	0.04	0.12
BOILERS (PROPANE)	0.00	0.03	0.01
BOILERS (DISTILLATE OIL)	0.00	0.01	0.00
SPACE HEATING (NATURAL GAS)	0.00	0.03	0.01
WATER HEATING (NATURAL GAS)	0.00	0.07	0.01
I.C. RECIPROCATING ENGINES (NATURAL GAS)	0.04	0.02	0.19
I.C. RECIPROCATING ENGINES (LANDFILL GAS)	0.04	0.08	0.29
I.C. RECIPROCATING ENGINES (GASOLINE)	0.00	0.00	0.08
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	0.02	0.20	0.06
I.C. TURBINE ENGINES (NATURAL GAS)	0.00	0.02	0.02
OTHER (NATURAL GAS)	0.01	0.22	0.04
OTHER (LIQUIFIED PETROLEUM GAS - LPG)	0.00	0.26	0.01
OTHER (DISTILLATE OIL)	0.00	0.03	0.01
OTHER (RESIDUAL OIL)	0.00	0.00	0.00
<i>SERVICE AND COMMERCIAL TOTAL</i>	0.11	1.01	0.85
<u>FUEL COMBUSTION TOTAL</u>	0.87	8.70	7.17
<u>WASTE DISPOSAL</u>			
<i>LANDFILLS</i>			
CLASS II AND III LANDFILLS (MUNICIPAL SOLID WASTE)	0.35	0.00	0.00
FLARES (LANDFILL GAS)	0.03	0.04	0.18
<i>LANDFILLS TOTAL</i>	0.38	0.04	0.18
<i>INCINERATORS</i>			
INCINERATION (NATURAL GAS)	0.00	0.06	0.01
<i>INCINERATORS TOTAL</i>	0.00	0.06	0.01
<u>WASTE DISPOSAL TOTAL</u>	0.38	0.10	0.19
<u>CLEANING AND SURFACE COATINGS</u>			
<i>DRY CLEANING</i>			
DRY CLEANING	0.00	0.00	0.00
<i>DRY CLEANING TOTAL</i>	0.00	0.00	0.00
<i>DEGREASING</i>			
MANUFACTURING DEGREASING: ISOPROPANOL (IPA)	0.06	0.00	0.00
MANUFACTURING DEGREASING: STODDARD SOLVENT	0.00	0.00	0.00
MANUFACTURING DEGREASING: PETROLEUM BASED SOLVENTS	0.08	0.00	0.00
MAINTENANCE DEGREASING: STODDARD SOLVENT	0.00	0.00	0.00
MAINTENANCE DEGREASING: DEGREASING SOLVENTS (UNSPECIFIED)	0.11	0.00	0.00
COMMERCIAL DEGREASING: PETROLEUM BASED SOLVENTS	0.66	0.00	0.00
<i>DEGREASING TOTAL</i>	0.91	0.00	0.00

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1999 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO

COATINGS AND RELATED PROCESS SOLVENTS

PREPARATION SOLVENTS	0.00	0.00	0.00
AUTO REFINISHING (UNSPECIFIED COATINGS)	0.33	0.00	0.00
METAL FURNITURE AND FIXTURE COATINGS (COATINGS)	0.00	0.00	0.00
METAL PARTS AND PRODUCTS COATINGS (COATINGS)	0.06	0.00	0.00
WOOD FURNITURE AND FABRICATED PRODUCTS (COATINGS)	0.06	0.00	0.00
AIRCRAFT COATINGS	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: ISOPROPANOL (IPA)	0.01	0.00	0.00
THINNING AND CLEANUP SOLVENTS: MINERAL SPIRITS	0.01	0.00	0.00
THINNING AND CLEANUP SOLVENTS: XYLENES	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: COATINGS (UNSPECIFIED)	0.51	0.00	0.00
THINNING SOLVENTS: COATINGS (UNSPECIFIED)	0.01	0.00	0.00
OTHER COATINGS (UNSPECIFIED)	0.94	0.00	0.00
OTHER OIL BASED (ORGANIC SOLVENT BASED) COATINGS	0.01	0.00	0.00
<i>COATINGS AND RELATED PROCESS SOLVENTS TOTAL</i>	1.94	0.00	0.00

PRINTING

OTHER (UNSPECIFIED SOLVENTS)	0.42	0.00	0.00
<i>PRINTING TOTAL</i>	0.42	0.00	0.00

OTHER (CLEANING AND SURFACE COATINGS)

ADHESIVES AND SEALANTS (UNSPECIFIED)	0.00	0.00	0.00
ORGANIC SOLVENT BASED ADHESIVES AND SEALANTS (UNSPECIFIED)	0.23	0.00	0.00
WATER BASED ADHESIVES AND SEALANTS (UNSPECIFIED)	0.44	0.00	0.00
OTHER (UNSPECIFIED SOLVENTS)	0.12	0.00	0.00
<i>OTHER (CLEANING AND SURFACE COATINGS) TOTAL</i>	0.79	0.00	0.00

<u><i>CLEANING AND SURFACE COATINGS TOTAL</i></u>	4.06	0.00	0.00
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PETROLEUM PRODUCTION AND MARKETING

OIL AND GAS PRODUCTION

FUGITIVE LOSSES - SUMPS AND PITS (CRUDE OIL)	0.10	0.00	0.00
FUGITIVE LOSSES - VALVES (NATURAL GAS)	0.01	0.00	0.00
FUGITIVE LOSSES - VALVES (CRUDE OIL)	0.99	0.00	0.00
FUGITIVE LOSSES - FITTINGS (CRUDE OIL)	0.23	0.00	0.00
FUGITIVE LOSSES - PUMPS (CRUDE OIL)	0.02	0.00	0.00
FUGITIVE LOSSES - COMPRESSORS (CRUDE OIL)	0.01	0.00	0.00
FUGITIVE LOSSES - WELL CELLARS (CRUDE OIL)	0.55	0.00	0.00
FUGITIVE LOSSES - OIL/WATER SEPARATORS (CRUDE OIL)	0.04	0.00	0.00
MISCELLANEOUS FUGITIVE LOSSES (CRUDE OIL)	0.28	0.00	0.00
VAPOR RECOVERY/FLARES (NATURAL GAS)	0.05	0.84	0.19
VAPOR RECOVERY/FLARES (PROCESS GAS)	0.05	0.05	0.19
FLOATING ROOF TANKS - BREATHING LOSSES (CRUDE OIL)	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (CRUDE OIL)	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (CRUDE OIL - RVP 5)	0.03	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (CRUDE OIL - RVP 5)	0.05	0.00	0.00
WASTEWATER TREATMENT (CRUDE OIL)	0.01	0.00	0.00
TERTIARY OIL PRODUCTION WELLS (UNSPECIFIED) (CRUDE OIL)	0.01	0.00	0.00
NATURAL GAS PRODUCTION	0.00	0.00	0.00

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1999 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NO _x	CO
TANK CARS AND TRUCKS - WORKING LOSSES (DIESEL/DISTILLATE OIL)	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (CRUDE OIL)	0.01	0.00	0.00
OTHER (CRUDE OIL)	0.09	0.00	0.00
<i>OIL AND GAS PRODUCTION TOTAL</i>	3.34	0.89	0.38
<i>PETROLEUM REFINING</i>			
FUGITIVE LOSSES - VALVES (HYDROCARBON COMPOUNDS)	0.01	0.00	0.00
FLOATING ROOF TANKS - BREATHING LOSSES (JET NAPHTHA (JP-4))	0.00	0.00	0.00
FLOATING ROOF TANKS - BREATHING LOSSES (CRUDE OIL - RVP 5)	0.01	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (DISTILLATE OIL #2)	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (JET NAPHTHA - JP-4)	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (CRUDE OIL)	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (DIESEL #2)	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (DIESEL #2)	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (DIESEL/DISTILLATE OIL)	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (JET FUEL)	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (CRUDE OIL)	0.00	0.00	0.00
<i>PETROLEUM REFINING TOTAL</i>	0.02	0.00	0.00
<i>PETROLEUM MARKETING</i>			
FUGITIVE LOSSES - VALVES (CRUDE OIL)	0.00	0.00	0.00
FUGITIVE LOSSES - FITTINGS (CRUDE OIL)	0.00	0.00	0.00
NATURAL GAS TRANSMISSION LOSSES (NATURAL GAS)	0.06	0.00	0.00
FLOATING ROOF TANKS - BREATHING LOSSES (CRUDE OIL - RVP 5)	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (CRUDE OIL)	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (GASOLINE - RVP 10)	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (DIESEL #2)	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (DIESEL #2)	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (CRUDE OIL - RVP 5)	0.02	0.00	0.00
TANKER LOADING (CRUDE OIL)	0.02	0.00	0.00
BARGE LOADING (CRUDE OIL)	0.04	0.00	0.00
FUEL DISPENSING TANKS - WORKING LOSSES (GASOLINE)	0.22	0.00	0.00
FUEL DISPENSING TANKS - BREATHING LOSSES (GASOLINE)	0.05	0.00	0.00
VEHICLE REFUELING - VAPOR DISPLACEMENT LOSSES (GASOLINE)	0.26	0.00	0.00
VEHICLE REFUELING - SPILLAGE (GASOLINE)	0.10	0.00	0.00
BULK PLANTS/TERMINALS - GASOLINE STORAGE - BREATHING LOSSES	0.01	0.00	0.00
BULK PLANTS/TERMINALS - GASOLINE STORAGE - WORKING LOSSES	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (GASOLINE)	0.01	0.00	0.00
STORAGE/TRANSPORT CONTAINER CLEANING (DRUMS)	0.00	0.00	0.00
OTHER (GASOLINE)	0.00	0.00	0.00
<i>PETROLEUM MARKETING TOTAL</i>	0.79	0.00	0.00
<i>PETROLEUM PRODUCTION AND MARKETING TOTAL</i>	3.30	0.84	0.38
<i>INDUSTRIAL PROCESSES</i>			
<i>CHEMICAL</i>			
FIXED ROOF TANKS - WORKING LOSSES (CHEMICALS - UNSPECIFIED)	0.00	0.00	0.00
FIBERGLASS PRODUCTS MANUFACTURING	0.02	0.00	0.00
PLASTICS AND PLASTIC PRODUCTS MANUFACTURING	0.00	0.00	0.00
<i>CHEMICAL TOTAL</i>	0.02	0.00	0.00

TABLE A - 8

1999 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NO _x	CO
<i>FOOD AND AGRICULTURE</i>			
WINE FERMENTATION	0.04	0.00	0.00
WINE AGING	0.08	0.00	0.00
AGRICULTURAL CROP PROCESSING LOSSES (FOOD/AG. PRODUCTS)	0.00	0.00	0.00
AGRICULTURAL CROP PROCESSING LOSSES (SOYBEAN)	0.00	0.00	0.00
<i>FOOD AND AGRICULTURE TOTAL</i>	0.12	0.00	0.00
<i>MINERAL PROCESSES</i>			
SAND AND GRAVEL EXCAVATION/PROCESSING (MINERALS/ METALS)	0.00	0.00	0.00
SAND AND GRAVEL EXCAVATION/PROCESSING (SAND/AGGREGATE)	0.00	0.00	0.00
ASPHALTIC CONCRETE PRODUCTION	0.00	0.00	0.00
SURFACE BLASTING (MINERAL AND METAL PRODUCTS)	0.00	0.00	0.00
CEMENT CONCRETE MANUFACTURING AND FABRICATION	0.00	0.00	0.00
LIME MANUFACTURING (LIME)	0.00	0.00	0.00
LIME MANUFACTURING (LIMESTONE)	0.00	0.00	0.00
STORAGE PILES (CEMENT CONCRETE)	0.00	0.00	0.00
STORAGE PILES (SAND/AGGREGATE)	0.00	0.00	0.00
DIATOMACEOUS EARTH PROCESSING	0.00	0.00	0.00
OTHER (NON-METALLIC MINERALS - UNSPECIFIED)	0.00	0.00	0.00
OTHER (SAND/AGGREGATE)	0.00	0.00	0.00
<i>MINERAL PROCESSES TOTAL</i>	0.00	0.00	0.00
<i>OTHER (INDUSTRIAL PROCESSES)</i>			
OTHER (MATERIAL NOT SPECIFIED)	0.00	0.01	0.27
<i>OTHER (INDUSTRIAL PROCESSES) TOTAL</i>	0.00	0.01	0.27
<u>INDUSTRIAL PROCESSES TOTAL</u>	0.14	0.01	0.27
<u>STATIONARY SOURCES DIVISION TOTAL</u>	8.79	9.70	8.01
<u>AREA-WIDE SOURCES DIVISION</u>			
<u>SOLVENT EVAPORATION</u>			
<i>CONSUMER PRODUCTS</i>			
AEROSOL PAINT PROPELLANTS (UNSPECIFIED COATINGS)	0.15	0.00	0.00
AEROSOL PAINT SOLVENTS (UNSPECIFIED COATINGS)	0.27	0.00	0.00
AEROSOL PRODUCT PROPELLANTS (UNSPECIFIED SOLVENTS)	0.30	0.00	0.00
AEROSOL PRODUCT SOLVENTS (UNSPECIFIED SOLVENTS)	0.90	0.00	0.00
NON-AEROSOL SOLVENTS (UNSPECIFIED SOLVENTS)	1.25	0.00	0.00
<i>CONSUMER PRODUCTS TOTAL</i>	2.87	0.00	0.00
<i>ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENT SU</i>			
ARCHITECTURAL COATINGS (OIL BASED COATINGS)	1.13	0.00	0.00
ARCHITECTURAL COATINGS (WATER BASED COATINGS)	0.60	0.00	0.00
THINNING AND CLEANUP SOLVENTS - COATINGS (UNSPECIFIED)	0.22	0.00	0.00
<i>ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENT</i>	1.95	0.00	0.00

TABLE A - 8

1999 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
<i>PESTICIDES/FERTILIZERS</i>			
AGRICULTURAL PESTICIDES: METHYL BROMIDE	1.15	0.00	0.00
AGRICULTURAL PESTICIDES: NON - METHYL BROMIDE PESTICIDES	1.28	0.00	0.00
AEROSOL RESIDENTIAL PESTICIDES - PROPELLANTS	0.04	0.00	0.00
AEROSOL RESIDENTIAL PESTICIDES - INGREDIENTS	0.12	0.00	0.00
STRUCTURAL PESTICIDES: METHYL BROMIDE	0.00	0.00	0.00
STRUCTURAL PESTICIDES: NON - METHYL BROMIDE PESTICIDES	0.12	0.00	0.00
<i>PESTICIDES/FERTILIZERS TOTALS</i>	2.71	0.00	0.00
<i>ASPHALT PAVING</i>			
CUTBACK ASPHALT	0.16	0.00	0.00
ROAD OILS (ASPHALT)	0.14	0.00	0.00
HOT-MIX ASPHALT	0.00	0.00	0.00
EMULSIFIED ASPHALT	0.06	0.00	0.00
<i>ASPHALT PAVING TOTAL</i>	0.36	0.00	0.00
<i>OTHER (SOLVENT EVAPORATION)</i>			
ASPHALT ROOFING OPERATIONS	0.09	0.00	0.00
<i>OTHER (SOLVENT EVAPORATION) TOTAL</i>	0.09	0.00	0.00
<u><i>SOLVENT EVAPORATION TOTAL</i></u>	7.98	0.00	0.00
<u><i>MISCELLANEOUS</i></u>			
<i>RESIDENTIAL FUEL COMBUSTION</i>			
WOOD COMBUSTION - WOOD STOVES	0.01	0.00	0.21
WOOD COMBUSTION - FIREPLACES	0.09	0.02	1.56
FUEL COMBUSTION - SPACE HEATING (NATURAL GAS)	0.00	0.06	0.01
FUEL COMBUSTION - SPACE HEATING (DISTILLATE OIL)	0.00	0.00	0.00
FUEL COMBUSTION - WATER HEATING (NATURAL GAS)	0.00	0.37	0.04
FUEL COMBUSTION - COOKING (NATURAL GAS)	0.00	0.05	0.04
OTHER (NATURAL GAS)	0.00	0.02	0.01
OTHER (LIQUIFIED PETROLEUM GAS - LPG)	0.00	0.01	0.00
<i>RESIDENTIAL FUEL COMBUSTION TOTAL</i>	0.10	0.53	1.87
<i>FARMING OPERATIONS</i>			
TILLING DUST	0.00	0.00	0.00
HARVEST OPERATIONS - DUST	0.00	0.00	0.00
CATTLE FEEDLOT DUST	0.00	0.00	0.00
<i>FARMING OPERATIONS TOTAL</i>	0.00	0.00	0.00
<i>CONSTRUCTION AND DEMOLITION</i>			
BUILDING CONSTRUCTION DUST - RESIDENTIAL	0.00	0.00	0.00
BUILDING CONSTRUCTION DUST- COMMERCIAL	0.00	0.00	0.00
BUILDING CONSTRUCTION DUST- INDUSTRIAL	0.00	0.00	0.00
BUILDING CONSTRUCTION DUST - INSTITUTIONAL	0.00	0.00	0.00
ROAD CONSTRUCTION DUST	0.00	0.00	0.00
<i>CONSTRUCTION AND DEMOLITION TOTAL</i>	0.00	0.00	0.00
<i>PAVED ROAD DUST</i>			

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1999 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NO _x	CO
PAVED ROAD TRAVEL DUST - FREEWAYS	0.00	0.00	0.00
PAVED ROAD TRAVEL DUST - MAJOR STREETS	0.00	0.00	0.00
PAVED ROAD TRAVEL DUST - COLLECTOR STREETS	0.00	0.00	0.00
PAVED ROAD TRAVEL DUST - LOCAL STREETS	0.00	0.00	0.00
<i>PAVED ROAD DUST TOTAL</i>	0.00	0.00	0.00
<i>UNPAVED ROAD DUST</i>			
UNPAVED ROAD TRAVEL DUST- CITY AND COUNTY ROADS	0.00	0.00	0.00
UNPAVED ROAD TRAVEL DUST- U.S. FOREST AND PARK ROADS	0.00	0.00	0.00
UNPAVED ROAD TRAVEL DUST- B.L.M. ROADS	0.00	0.00	0.00
UNPAVED ROAD TRAVEL DUST- FARM ROADS	0.00	0.00	0.00
<i>UNPAVED ROAD DUST TOTAL</i>	0.00	0.00	0.00
<i>FUGITIVE WINDBLOWN DUST</i>			
DUST FROM AGRICULTURAL LANDS	0.00	0.00	0.00
DUST FROM PASTURE LANDS	0.00	0.00	0.00
DUST FROM UNPAVED ROADS AND ASSOCIATED AREAS	0.00	0.00	0.00
<i>FUGITIVE WINDBLOWN DUST TOTAL</i>	0.00	0.00	0.00
<i>FIRES</i>			
STRUCTURAL FIRES	0.01	0.00	0.11
AUTOMOBILE FIRES	0.00	0.00	0.01
<i>FIRES TOTALS</i>	0.01	0.00	0.12
<i>WASTE BURNING AND DISPOSAL</i>			
AGRICULTURAL BURNING - PRUNINGS	0.01	0.00	0.16
AGRICULTURAL BURNING - FIELD CROPS	0.00	0.00	0.02
RANGE IMPROVEMENT	0.00	0.00	0.00
FOREST MANAGEMENT	1.25	0.51	9.77
WEED ABATEMENT	0.00	0.00	0.00
NON-AGRICULTURAL OPEN BURNING	0.00	0.00	0.00
<i>WASTE BURNING AND DISPOSAL TOTAL</i>	1.26	0.51	9.95
<i>UTILITY EQUIPMENT</i>			
LAWN & GARDEN - FOUR STROKE - RESIDENTIAL (GASOLINE)	0.18	0.02	2.23
LAWN & GARDEN - FOUR STROKE - COMMERCIAL (GASOLINE)	0.52	0.05	5.48
<i>UTILITY EQUIPMENT TOTAL</i>	0.70	0.07	7.71
<i>OTHER (MISCELLANEOUS PROCESSES)</i>			
COMMERCIAL CHARBROILING (FOOD/AGRICULTURAL PRODUCTS)	0.09	0.00	0.00
<i>OTHER (MISCELLANEOUS PROCESSES) TOTAL</i>	0.09	0.00	0.00
<u>MISCELLANEOUS TOTAL</u>	2.16	1.11	19.65
<u>AREA-WIDE SOURCES DIVISION TOTAL</u>	10.14	1.11	19.65

MOBILE SOURCES DIVISION

TABLE A - 8

1999 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO

ON-ROAD MOTOR VEHICLES

LIGHT DUTY PASSENGER

NON-CATALYST STARTS (GASOLINE)	0.76	0.09	4.07
NON-CATALYST HOT STABILIZED (GASOLINE)	2.04	1.00	13.11
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.08	0.00	0.00
NON-CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.03	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	0.44	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.15	0.00	0.00
NON-CATALYST CRANKCASE (GASOLINE)	0.00	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
CATALYST STARTS (GASOLINE)	3.25	2.16	39.45
CATALYST HOT STABILIZED (GASOLINE)	2.44	6.27	47.00
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.92	0.00	0.00
CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.33	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	0.68	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.38	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
DIESEL STARTS (DIESEL)	0.00	0.00	0.08
DIESEL HOT STABILIZED (DIESEL)	0.01	0.07	0.05
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>LIGHT DUTY PASSENGER TOTAL</i>	11.51	9.59	103.76

LIGHT DUTY TRUCKS

NON-CATALYST STARTS (GASOLINE)	0.17	0.04	1.15
NON-CATALYST HOT STABILIZED (GASOLINE)	0.26	0.27	2.37
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.03	0.00	0.00
NON-CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.03	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	0.21	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.08	0.00	0.00
NON-CATALYST CRANKCASE (GASOLINE)	0.06	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
CATALYST STARTS (GASOLINE)	1.61	1.35	17.97
CATALYST HOT STABILIZED (GASOLINE)	1.19	3.83	19.36
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.26	0.00	0.00
CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.12	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	0.28	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.15	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
DIESEL STARTS (DIESEL)	0.00	0.00	0.03
DIESEL HOT STABILIZED (DIESEL)	0.00	0.02	0.01
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>LIGHT DUTY TRUCKS TOTAL</i>	4.45	5.51	40.89

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1999 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
<i>MEDIUM DUTY TRUCKS</i>			
NON-CATALYST STARTS (GASOLINE)	0.01	0.00	0.03
NON-CATALYST HOT STABILIZED (GASOLINE)	0.01	0.00	0.05
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.00	0.00	0.00
NON-CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.00	0.00	0.00
CATALYST STARTS (GASOLINE)	0.23	0.22	2.11
CATALYST HOT STABILIZED (GASOLINE)	0.21	0.66	1.73
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.03	0.00	0.00
CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.01	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	0.02	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.02	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>MEDIUM DUTY TRUCKS TOTAL</i>	0.54	0.88	3.92
<i>LIGHT HEAVY DUTY GAS TRUCKS</i>			
NON-CATALYST HOT STABILIZED (GASOLINE)	0.05	0.19	1.16
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.01	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.00	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
CATALYST HOT STABILIZED (GASOLINE)	0.05	0.64	1.07
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.02	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	0.02	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.00	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>LIGHT HEAVY DUTY GAS TRUCKS TOTAL</i>	0.15	0.83	2.23
<i>MEDIUM HEAVY DUTY GAS TRUCKS</i>			
NON-CATALYST HOT STABILIZED (GASOLINE)	0.03	0.10	0.68
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.00	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
CATALYST HOT STABILIZED (GASOLINE)	0.03	0.16	0.26
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.00	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	0.00	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.00	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>MEDIUM HEAVY DUTY GAS TRUCKS TOTAL</i>	0.06	0.26	0.94
<i>LIGHT HEAVY DUTY DIESEL TRUCKS</i>			
DIESEL HOT STABILIZED (DIESEL)	0.05	0.49	0.42
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>LIGHT HEAVY DUTY DIESEL TRUCKS TOTAL</i>	0.05	0.49	0.42

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1999 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NO _x	CO
<i>MEDIUM HEAVY DUTY DIESEL TRUCKS</i>			
DIESEL HOT STABILIZED (DIESEL)	0.13	1.10	0.87
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>MEDIUM HEAVY DUTY DIESEL TRUCKS TOTAL</i>	0.13	1.10	0.87
<i>HEAVY HEAVY DUTY DIESEL TRUCKS</i>			
DIESEL HOT STABILIZED (DIESEL)	0.33	3.12	2.10
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>HEAVY HEAVY DUTY DIESEL TRUCKS TOTAL</i>	0.33	3.12	2.10
<i>MOTORCYCLES</i>			
NON-CATALYST STARTS (GASOLINE)	0.04	0.01	0.19
NON-CATALYST HOT STABILIZED (GASOLINE)	0.12	0.08	0.57
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.01	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>MOTORCYCLES TOTAL</i>	0.17	0.09	0.76
<i>HEAVY DUTY DIESEL URBAN BUSES</i>			
DIESEL HOT STABILIZED (DIESEL)	0.02	0.20	0.02
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
<i>HEAVY DUTY DIESEL URBAN BUSES TOTAL</i>	0.02	0.20	0.02
<u>ON-ROAD MOTOR VEHICLES</u>	17.41	22.07	155.91
<u>OTHER MOBILE SOURCES</u>			
<i>AIRCRAFT</i>			
PISTON AIRCRAFT - COMMERCIAL (AVIATION GASOLINE)	0.00	0.00	0.00
PISTON AIRCRAFT - CIVIL (AVIATION GASOLINE)	0.10	0.01	5.29
AGRICULTURAL AIRCRAFT (CROP DUSTING) (AVIATION GASOLINE)	0.00	0.00	0.03
JET AIRCRAFT - MILITARY (JET FUEL)	0.03	0.14	0.08
JET AIRCRAFT - COMMERCIAL (JET FUEL)	0.30	0.07	0.48
JET AIRCRAFT - CIVIL (JET FUEL)	0.14	0.02	0.22
<i>AIRCRAFT TOTAL</i>	0.57	0.24	6.10
<i>TRAINS</i>			
LOCOMOTIVES - ROAD HAULING (DIESEL)	0.07	1.80	0.22
<i>TRAINS TOTAL</i>	0.07	1.80	0.22
<i>SHIPS AND COMMERCIAL BOATS</i>			
SHIPS MANEUVERING - U.S. STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00

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1999 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
SHIPS MANEUVERING - U.S. MOTOR SHIPS (DIESEL)	0.00	0.00	0.00
SHIPS MANEUVERING - TUGBOATS (LIQUID FUEL)	0.00	0.00	0.00
SHIPS IN-TRANSIT - U.S. STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00
SHIPS IN-TRANSIT - FOREIGN STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00
SHIPS IN-TRANSIT - U.S. MOTOR SHIPS (DIESEL)	0.00	0.00	0.00
SHIPS IN-TRANSIT - FOREIGN MOTOR SHIPS (DIESEL)	0.00	0.00	0.00
COMMERCIAL BOATS (GASOLINE)	0.01	0.00	0.07
COMMERCIAL BOATS (DIESEL)	0.05	0.53	0.12
CREW & SUPPLY BOATS - OFFSHORE OIL PRODUCTION (LIQUID FUEL)	0.01	0.19	0.03
OTHER (LIQUID FUEL)	0.00	0.00	0.00
<i>SHIPS AND COMMERCIAL BOATS TOTAL</i>	0.07	0.72	0.22
<i>RECREATIONAL BOATS</i>			
RECREATIONAL BOATS (GASOLINE)	0.45	0.01	1.52
RECREATIONAL BOATS (DIESEL)	0.05	0.10	0.04
<i>RECREATIONAL BOATS TOTAL</i>	0.50	0.11	1.56
<i>OFF-ROAD RECREATIONAL VEHICLES</i>			
OFF-ROAD MOTORCYCLES (GASOLINE)	0.13	0.02	1.26
ALL-TERRAIN VEHICLES (ATV'S) (GASOLINE)	0.00	0.00	0.00
FOUR-WHEEL DRIVE VEHICLES (GASOLINE)	0.05	0.03	0.52
<i>OFF-ROAD RECREATIONAL VEHICLES TOTAL</i>	0.18	0.05	1.78
<i>COMMERCIAL/INDUSTRIAL MOBILE EQUIPMENT</i>			
LIGHT-DUTY EQUIPMENT - FOUR STROKE (LPG)	0.18	0.18	5.21
LIGHT-DUTY EQUIPMENT - FOUR STROKE (GASOLINE)	0.23	0.10	7.08
LIGHT-DUTY EQUIPMENT - FOUR STROKE (DIESEL)	0.20	2.33	1.30
HEAVY-DUTY EQUIPMENT (GASOLINE)	0.01	0.01	0.26
HEAVY-DUTY EQUIPMENT (DIESEL)	0.07	1.06	0.40
TRANSPORT REFRIGERATION UNITS (DIESEL)	0.01	0.14	0.10
<i>COMMERCIAL/INDUSTRIAL MOBILE EQUIPMENT TOTAL</i>	0.70	3.82	14.35
<i>FARM EQUIPMENT</i>			
HEAVY-DUTY EQUIPMENT (GASOLINE)	0.24	0.15	7.93
HEAVY-DUTY EQUIPMENT (DIESEL)	0.30	3.34	1.21
<i>FARM EQUIPMENT TOTAL</i>	0.54	3.49	9.14
<u><i>OTHER MOBILE SOURCES TOTAL</i></u>	2.63	10.23	33.37
<u>MOBILE SOURCES DIVISION TOTAL</u>	20.04	32.30	189.28
<i>VAFB Growth Conformity</i>	0.02	0.04	0.00
<u>SANTA BARBARA COUNTY TOTAL</u>	38.93	43.15	216.94

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2005 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO

STATIONARY SOURCES DIVISION

FUEL COMBUSTION

ELECTRIC UTILITIES

I.C. RECIPROCATING ENGINES	0.01	0.00	0.01
I.C. TURBINE ENGINES (NATURAL GAS)	0.00	0.22	0.13
<i>ELECTRIC UTILITIES TOTAL</i>	0.01	0.22	0.15

COGENERATION

I.C. RECIPROCATING ENGINES	0.00	0.00	0.00
OTHER (FUEL - UNSPECIFIED)	0.00	0.00	0.00
<i>COGENERATION TOTAL</i>	0.00	0.00	0.00

OIL AND GAS PRODUCTION (COMBUSTION)

BOILERS (NATURAL GAS)	0.00	0.04	0.02
PROCESS HEATERS (NATURAL GAS)	0.00	0.03	0.01
PROCESS HEATERS (PROCESS GAS)	0.00	0.02	0.01
STEAM GENERATORS (NATURAL GAS)	0.00	0.01	0.00
STEAM GENERATORS (PROCESS GAS)	0.00	0.01	0.00
I.C. RECIPROCATING ENGINES (NATURAL GAS)	0.43	3.54	3.53
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	0.01	0.16	0.06
I.C. TURBINE ENGINES (NATURAL GAS)	0.02	0.16	0.15
DRILLING RIGS (DIESEL)	0.00	0.01	0.01
<i>OIL AND GAS PRODUCTION (COMBUSTION) TOTAL</i>	0.46	3.98	3.79

PETROLEUM REFINING (COMBUSTION)

BOILERS (NATURAL GAS)	0.00	0.01	0.01
PROCESS HEATERS (NATURAL GAS)	0.00	0.01	0.00
<i>PETROLEUM REFINING (COMBUSTION) TOTAL</i>	0.00	0.02	0.01

MANUFACTURING AND INDUSTRIAL

BOILERS (NATURAL GAS)	0.00	0.01	0.01
BOILERS (PROPANE)	0.00	0.00	0.00
PROCESS HEATERS (NATURAL GAS)	0.07	0.96	1.15
PROCESS HEATERS (DISTILLATE OIL)	0.01	0.06	0.20
I.C. RECIPROCATING ENGINES (NATURAL GAS)	0.00	0.01	0.00
I.C. RECIPROCATING ENGINES (GASOLINE)	0.00	0.00	0.04
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	0.01	0.11	0.03
OTHER (NATURAL GAS)	0.01	0.06	0.04
OTHER (LIQUIFIED PETROLEUM GAS - LPG)	0.00	0.13	0.00
OTHER (DISTILLATE OIL)	0.00	0.01	0.01
OTHER (RESIDUAL OIL)	0.00	0.02	0.00
<i>MANUFACTURING AND INDUSTRIAL TOTAL</i>	0.10	1.37	1.48

FOOD AND AGRICULTURAL PROCESSING

BOILERS	0.00	0.00	0.00
PROCESS HEATERS	0.00	0.00	0.00
AGRICULTURAL IRRIGATION I.C. ENGINES (DIESEL/DISTILLATE OIL)	0.13	1.58	0.35
OTHER (LIQUID FUEL - UNSPECIFIED)	0.00	0.00	0.00

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2005 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
<i>FOOD AND AGRICULTURAL PROCESSING TOTAL</i>	0.13	1.58	0.35
<i>SERVICE AND COMMERCIAL</i>			
BOILERS (NATURAL GAS)	0.00	0.04	0.13
BOILERS (PROPANE)	0.00	0.03	0.01
BOILERS (DISTILLATE OIL)	0.00	0.01	0.00
SPACE HEATING (NATURAL GAS)	0.00	0.03	0.01
WATER HEATING (NATURAL GAS)	0.00	0.07	0.02
I.C. RECIPROCATING ENGINES (NATURAL GAS)	0.04	0.03	0.20
I.C. RECIPROCATING ENGINES (LANDFILL GAS)	0.05	0.11	0.40
I.C. RECIPROCATING ENGINES (GASOLINE)	0.00	0.00	0.08
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	0.02	0.21	0.06
I.C. TURBINE ENGINES (NATURAL GAS)	0.00	0.02	0.02
OTHER (NATURAL GAS)	0.01	0.24	0.05
OTHER (LIQUIFIED PETROLEUM GAS - LPG)	0.00	0.26	0.01
OTHER (DISTILLATE OIL)	0.00	0.03	0.01
OTHER (RESIDUAL OIL)	0.00	0.00	0.00
<i>SERVICE AND COMMERCIAL TOTAL</i>	0.12	1.08	1.00
<u>FUEL COMBUSTION TOTAL</u>	0.82	8.25	6.78
<u>WASTE DISPOSAL</u>			
<i>LANDFILLS</i>			
CLASS II AND III LANDFILLS (MUNICIPAL SOLID WASTE)	0.35	0.00	0.00
FLARES (LANDFILL GAS)	0.04	0.05	0.26
<i>LANDFILLS TOTAL</i>	0.39	0.05	0.26
<i>INCINERATORS</i>			
INCINERATION (NATURAL GAS)	0.00	0.06	0.01
<i>INCINERATORS TOTAL</i>	0.00	0.06	0.01
<u>WASTE DISPOSAL TOTAL</u>	0.36	0.11	0.27
<u>CLEANING AND SURFACE COATINGS</u>			
<i>DRY CLEANING</i>			
DRY CLEANING	0.00	0.00	0.00
<i>DRY CLEANING TOTAL</i>	0.00	0.00	0.00
<i>DEGREASING</i>			
MANUFACTURING DEGREASING: ISOPROPANOL (IPA)	0.07	0.00	0.00
MANUFACTURING DEGREASING: STODDARD SOLVENT	0.00	0.00	0.00
MANUFACTURING DEGREASING: PETROLEUM BASED SOLVENTS	0.08	0.00	0.00
MAINTENANCE DEGREASING: STODDARD SOLVENT	0.00	0.00	0.00
MAINTENANCE DEGREASING: DEGREASING SOLVENTS (UNSPECIFIED)	0.12	0.00	0.00
COMMERCIAL DEGREASING: PETROLEUM BASED SOLVENTS	0.73	0.00	0.00
<i>DEGREASING TOTAL</i>	1.00	0.00	0.00

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2005 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
<i>COATINGS AND RELATED PROCESS SOLVENTS</i>			
PREPARATION SOLVENTS	0.00	0.00	0.00
AUTO REFINISHING (UNSPECIFIED COATINGS)	0.36	0.00	0.00
METAL FURNITURE AND FIXTURE COATINGS (COATINGS)	0.00	0.00	0.00
METAL PARTS AND PRODUCTS COATINGS (COATINGS)	0.06	0.00	0.00
WOOD FURNITURE AND FABRICATED PRODUCTS (COATINGS)	0.06	0.00	0.00
AIRCRAFT COATINGS	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: ISOPROPANOL (IPA)	0.01	0.00	0.00
THINNING AND CLEANUP SOLVENTS: MINERAL SPIRITS	0.01	0.00	0.00
THINNING AND CLEANUP SOLVENTS: XYLENES	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: COATINGS (UNSPECIFIED)	0.55	0.00	0.00
THINNING SOLVENTS: COATINGS (UNSPECIFIED)	0.01	0.00	0.00
OTHER COATINGS (UNSPECIFIED)	1.00	0.00	0.00
OTHER OIL BASED (ORGANIC SOLVENT BASED) COATINGS	0.01	0.00	0.00
<i>COATINGS AND RELATED PROCESS SOLVENTS TOTAL</i>	2.07	0.00	0.00
<i>PRINTING</i>			
OTHER (UNSPECIFIED SOLVENTS)	0.45	0.00	0.00
<i>PRINTING TOTAL</i>	0.45	0.00	0.00
<i>OTHER (CLEANING AND SURFACE COATINGS)</i>			
ADHESIVES AND SEALANTS (UNSPECIFIED)	0.00	0.00	0.00
ORGANIC SOLVENT BASED ADHESIVES AND SEALANTS (UNSPECIFIED)	0.25	0.00	0.00
WATER BASED ADHESIVES AND SEALANTS (UNSPECIFIED)	0.47	0.00	0.00
OTHER (UNSPECIFIED SOLVENTS)	0.13	0.00	0.00
<i>OTHER (CLEANING AND SURFACE COATINGS) TOTAL</i>	0.85	0.00	0.00
<u>CLEANING AND SURFACE COATINGS TOTAL</u>	4.37	0.00	0.00
<u>PETROLEUM PRODUCTION AND MARKETING</u>			
<i>OIL AND GAS PRODUCTION</i>			
FUGITIVE LOSSES - SUMPS AND PITS (CRUDE OIL)	0.22	0.00	0.00
FUGITIVE LOSSES - VALVES (NATURAL GAS)	0.01	0.00	0.00
FUGITIVE LOSSES - VALVES (CRUDE OIL)	0.77	0.00	0.00
FUGITIVE LOSSES - FITTINGS (CRUDE OIL)	0.19	0.00	0.00
FUGITIVE LOSSES - PUMPS (CRUDE OIL)	0.01	0.00	0.00
FUGITIVE LOSSES - COMPRESSORS (CRUDE OIL)	0.01	0.00	0.00
FUGITIVE LOSSES - WELL CELLARS (CRUDE OIL)	0.48	0.00	0.00
FUGITIVE LOSSES - OIL/WATER SEPARATORS (CRUDE OIL)	0.04	0.00	0.00
MISCELLANEOUS FUGITIVE LOSSES (CRUDE OIL)	0.24	0.00	0.00
VAPOR RECOVERY/FLARES (NATURAL GAS)	0.05	0.41	0.16
VAPOR RECOVERY/FLARES (PROCESS GAS)	0.04	0.05	0.17
FLOATING ROOF TANKS - BREATHING LOSSES (CRUDE OIL)	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (CRUDE OIL)	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (CRUDE OIL - RVP 5)	0.01	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (CRUDE OIL - RVP 5)	0.03	0.00	0.00
WASTEWATER TREATMENT (CRUDE OIL)	0.01	0.00	0.00
TERTIARY OIL PRODUCTION WELLS (UNSPECIFIED) (CRUDE OIL)	0.00	0.00	0.00
NATURAL GAS PRODUCTION	0.00	0.00	0.00

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2005 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
TANK CARS AND TRUCKS - WORKING LOSSES (DIESEL/DISTILLATE OIL)	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (CRUDE OIL)	0.01	0.00	0.00
OTHER (CRUDE OIL)	0.08	0.00	0.00
<i>OIL AND GAS PRODUCTION TOTAL</i>	2.20	0.46	0.33
<i>PETROLEUM REFINING</i>			
FUGITIVE LOSSES - VALVES (HYDROCARBON COMPOUNDS)	0.00	0.00	0.00
FLOATING ROOF TANKS - BREATHING LOSSES (JET NAPHTHA (JP-4))	0.00	0.00	0.00
FLOATING ROOF TANKS - BREATHING LOSSES (CRUDE OIL - RVP 5)	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (DISTILLATE OIL #2)	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (JET NAPHTHA - JP-4)	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (CRUDE OIL)	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (DIESEL #2)	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (DIESEL #2)	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (DIESEL/DISTILLATE OIL)	0.01	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (JET FUEL)	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (CRUDE OIL)	0.00	0.00	0.00
<i>PETROLEUM REFINING TOTAL</i>	0.01	0.00	0.00
<i>PETROLEUM MARKETING</i>			
FUGITIVE LOSSES - VALVES (CRUDE OIL)	0.00	0.00	0.00
FUGITIVE LOSSES - FITTINGS (CRUDE OIL)	0.00	0.00	0.00
NATURAL GAS TRANSMISSION LOSSES (NATURAL GAS)	0.07	0.00	0.00
FLOATING ROOF TANKS - BREATHING LOSSES (CRUDE OIL - RVP 5)	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (CRUDE OIL)	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (GASOLINE - RVP 10)	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (DIESEL #2)	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (DIESEL #2)	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (CRUDE OIL - RVP 5)	0.01	0.00	0.00
TANKER LOADING (CRUDE OIL)	0.01	0.00	0.00
BARGE LOADING (CRUDE OIL)	0.02	0.00	0.00
FUEL DISPENSING TANKS - WORKING LOSSES (GASOLINE)	0.25	0.00	0.00
FUEL DISPENSING TANKS - BREATHING LOSSES (GASOLINE)	0.06	0.00	0.00
VEHICLE REFUELING - VAPOR DISPLACEMENT LOSSES (GASOLINE)	0.27	0.00	0.00
VEHICLE REFUELING - SPILLAGE (GASOLINE)	0.10	0.00	0.00
BULK PLANTS/TERMINALS - GASOLINE STORAGE - BREATHING LOSSES	0.01	0.00	0.00
BULK PLANTS/TERMINALS - GASOLINE STORAGE - WORKING LOSSES	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (GASOLINE)	0.01	0.00	0.00
STORAGE/TRANSPORT CONTAINER CLEANING (DRUMS)	0.00	0.00	0.00
OTHER (GASOLINE)	0.00	0.00	0.00
<i>PETROLEUM MARKETING TOTAL</i>	0.81	0.00	0.00
<u><i>PETROLEUM PRODUCTION AND MARKETING TOTAL</i></u>	3.02	0.46	0.33
<u><i>INDUSTRIAL PROCESSES</i></u>			
<i>CHEMICAL</i>			
FIXED ROOF TANKS - WORKING LOSSES (CHEMICALS - UNSPECIFIED)	0.00	0.00	0.00
FIBERGLASS PRODUCTS MANUFACTURING	0.02	0.00	0.00
PLASTICS AND PLASTIC PRODUCTS MANUFACTURING	0.00	0.00	0.00
<i>CHEMICAL TOTAL</i>	0.02	0.00	0.00

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2005 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO

FOOD AND AGRICULTURE

WINE FERMENTATION	0.04	0.00	0.00
WINE AGING	0.09	0.00	0.00
AGRICULTURAL CROP PROCESSING LOSSES (FOOD/AG. PRODUCTS)	0.00	0.00	0.00
AGRICULTURAL CROP PROCESSING LOSSES (SOYBEAN)	0.00	0.00	0.00
<i>FOOD AND AGRICULTURE TOTAL</i>	0.13	0.00	0.00

MINERAL PROCESSES

SAND AND GRAVEL EXCAVATION/PROCESSING (MINERALS/ METALS)	0.00	0.00	0.00
SAND AND GRAVEL EXCAVATION/PROCESSING (SAND/AGGREGATE)	0.00	0.00	0.00
ASPHALTIC CONCRETE PRODUCTION	0.00	0.00	0.00
SURFACE BLASTING (MINERAL AND METAL PRODUCTS)	0.00	0.00	0.00
CEMENT CONCRETE MANUFACTURING AND FABRICATION	0.00	0.00	0.00
LIME MANUFACTURING (LIME)	0.00	0.00	0.00
LIME MANUFACTURING (LIMESTONE)	0.00	0.00	0.00
STORAGE PILES (CEMENT CONCRETE)	0.00	0.00	0.00
STORAGE PILES (SAND/AGGREGATE)	0.00	0.00	0.00
DIATOMACEOUS EARTH PROCESSING	0.00	0.00	0.00
OTHER (NON-METALLIC MINERALS - UNSPECIFIED)	0.00	0.00	0.00
OTHER (SAND/AGGREGATE)	0.00	0.00	0.00
<i>MINERAL PROCESSES TOTAL</i>	0.00	0.00	0.00

OTHER (INDUSTRIAL PROCESSES)

OTHER (MATERIAL NOT SPECIFIED)	0.00	0.01	0.27
<i>OTHER (INDUSTRIAL PROCESSES) TOTAL</i>	0.00	0.01	0.27

<u>INDUSTRIAL PROCESSES TOTAL</u>	0.15	0.01	0.27
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<u>STATIONARY SOURCES DIVISION TOTAL</u>	8.75	8.83	7.65
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AREA-WIDE SOURCES DIVISION

SOLVENT EVAPORATION

CONSUMER PRODUCTS

AEROSOL PAINT PROPELLANTS (UNSPECIFIED COATINGS)	0.16	0.00	0.00
AEROSOL PAINT SOLVENTS (UNSPECIFIED COATINGS)	0.28	0.00	0.00
AEROSOL PRODUCT PROPELLANTS (UNSPECIFIED SOLVENTS)	0.20	0.00	0.00
AEROSOL PRODUCT SOLVENTS (UNSPECIFIED SOLVENTS)	0.59	0.00	0.00
NON-AEROSOL SOLVENTS (UNSPECIFIED SOLVENTS)	0.83	0.00	0.00
<i>CONSUMER PRODUCTS TOTAL</i>	2.06	0.00	0.00

ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENT SU

ARCHITECTURAL COATINGS (OIL BASED COATINGS)	1.18	0.00	0.00
ARCHITECTURAL COATINGS (WATER BASED COATINGS)	0.63	0.00	0.00
THINNING AND CLEANUP SOLVENTS - COATINGS (UNSPECIFIED)	0.23	0.00	0.00
<i>ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENT</i>	2.04	0.00	0.00

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2005 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
<i>PESTICIDES/FERTILIZERS</i>			
AGRICULTURAL PESTICIDES: METHYL BROMIDE	1.15	0.00	0.00
AGRICULTURAL PESTICIDES: NON - METHYL BROMIDE PESTICIDES	0.67	0.00	0.00
AEROSOL RESIDENTIAL PESTICIDES - PROPELLANTS	0.03	0.00	0.00
AEROSOL RESIDENTIAL PESTICIDES - INGREDIENTS	0.08	0.00	0.00
STRUCTURAL PESTICIDES: METHYL BROMIDE	0.00	0.00	0.00
STRUCTURAL PESTICIDES: NON - METHYL BROMIDE PESTICIDES	0.09	0.00	0.00
<i>PESTICIDES/FERTILIZERS TOTALS</i>	2.01	0.00	0.00
<i>ASPHALT PAVING</i>			
CUTBACK ASPHALT	0.18	0.00	0.00
ROAD OILS (ASPHALT)	0.13	0.00	0.00
HOT-MIX ASPHALT	0.00	0.00	0.00
EMULSIFIED ASPHALT	0.07	0.00	0.00
<i>ASPHALT PAVING TOTAL</i>	0.38	0.00	0.00
<i>OTHER (SOLVENT EVAPORATION)</i>			
ASPHALT ROOFING OPERATIONS	0.09	0.00	0.00
<i>OTHER (SOLVENT EVAPORATION) TOTAL</i>	0.09	0.00	0.00
<u><i>SOLVENT EVAPORATION TOTAL</i></u>	6.58	0.00	0.00
<u><i>MISCELLANEOUS</i></u>			
<i>RESIDENTIAL FUEL COMBUSTION</i>			
WOOD COMBUSTION - WOOD STOVES	0.01	0.00	0.22
WOOD COMBUSTION - FIREPLACES	0.09	0.02	1.64
FUEL COMBUSTION - SPACE HEATING (NATURAL GAS)	0.00	0.06	0.01
FUEL COMBUSTION - SPACE HEATING (DISTILLATE OIL)	0.00	0.00	0.00
FUEL COMBUSTION - WATER HEATING (NATURAL GAS)	0.00	0.38	0.04
FUEL COMBUSTION - COOKING (NATURAL GAS)	0.00	0.05	0.04
OTHER (NATURAL GAS)	0.00	0.02	0.01
OTHER (LIQUIFIED PETROLEUM GAS - LPG)	0.00	0.01	0.00
<i>RESIDENTIAL FUEL COMBUSTION TOTAL</i>	0.10	0.54	1.96
<i>FARMING OPERATIONS</i>			
TILLING DUST	0.00	0.00	0.00
HARVEST OPERATIONS - DUST	0.00	0.00	0.00
CATTLE FEEDLOT DUST	0.00	0.00	0.00
<i>FARMING OPERATIONS TOTAL</i>	0.00	0.00	0.00
<i>CONSTRUCTION AND DEMOLITION</i>			
BUILDING CONSTRUCTION DUST - RESIDENTIAL	0.00	0.00	0.00
BUILDING CONSTRUCTION DUST- COMMERCIAL	0.00	0.00	0.00
BUILDING CONSTRUCTION DUST- INDUSTRIAL	0.00	0.00	0.00
BUILDING CONSTRUCTION DUST - INSTITUTIONAL	0.00	0.00	0.00
ROAD CONSTRUCTION DUST	0.00	0.00	0.00
<i>CONSTRUCTION AND DEMOLITION TOTAL</i>	0.00	0.00	0.00

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2005 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
<i>PAVED ROAD DUST</i>			
PAVED ROAD TRAVEL DUST - FREEWAYS	0.00	0.00	0.00
PAVED ROAD TRAVEL DUST - MAJOR STREETS	0.00	0.00	0.00
PAVED ROAD TRAVEL DUST - COLLECTOR STREETS	0.00	0.00	0.00
PAVED ROAD TRAVEL DUST - LOCAL STREETS	0.00	0.00	0.00
<i>PAVED ROAD DUST TOTAL</i>	0.00	0.00	0.00
<i>UNPAVED ROAD DUST</i>			
UNPAVED ROAD TRAVEL DUST- CITY AND COUNTY ROADS	0.00	0.00	0.00
UNPAVED ROAD TRAVEL DUST- U.S. FOREST AND PARK ROADS	0.00	0.00	0.00
UNPAVED ROAD TRAVEL DUST- B.L.M. ROADS	0.00	0.00	0.00
UNPAVED ROAD TRAVEL DUST- FARM ROADS	0.00	0.00	0.00
<i>UNPAVED ROAD DUST TOTAL</i>	0.00	0.00	0.00
<i>FUGITIVE WINDBLOWN DUST</i>			
DUST FROM AGRICULTURAL LANDS	0.00	0.00	0.00
DUST FROM PASTURE LANDS	0.00	0.00	0.00
DUST FROM UNPAVED ROADS AND ASSOCIATED AREAS	0.00	0.00	0.00
<i>FUGITIVE WINDBLOWN DUST TOTAL</i>	0.00	0.00	0.00
<i>FIRES</i>			
STRUCTURAL FIRES	0.01	0.00	0.12
AUTOMOBILE FIRES	0.00	0.00	0.01
<i>FIRES TOTALS</i>	0.01	0.00	0.13
<i>WASTE BURNING AND DISPOSAL</i>			
AGRICULTURAL BURNING - PRUNINGS	0.01	0.00	0.16
AGRICULTURAL BURNING - FIELD CROPS	0.00	0.00	0.02
RANGE IMPROVEMENT	0.00	0.00	0.00
FOREST MANAGEMENT	2.09	0.87	16.77
WEED ABATEMENT	0.00	0.00	0.00
NON-AGRICULTURAL OPEN BURNING	0.00	0.00	0.00
<i>WASTE BURNING AND DISPOSAL TOTAL</i>	2.10	0.87	16.95
<i>UTILITY EQUIPMENT</i>			
LAWN & GARDEN - FOUR STROKE - RESIDENTIAL (GASOLINE)	0.15	0.03	1.93
LAWN & GARDEN - FOUR STROKE - COMMERCIAL (GASOLINE)	0.42	0.06	4.98
<i>UTILITY EQUIPMENT TOTAL</i>	0.57	0.09	6.91
<i>OTHER (MISCELLANEOUS PROCESSES)</i>			
COMMERCIAL CHARBROILING (FOOD/AGRICULTURAL PRODUCTS)	0.09	0.00	0.00
<i>OTHER (MISCELLANEOUS PROCESSES) TOTAL</i>	0.09	0.00	0.00
<u>MISCELLANEOUS TOTAL</u>	2.87	1.50	25.95
<u>AREA-WIDE SOURCES DIVISION TOTAL</u>	9.45	1.50	25.95

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2005 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO

MOBILE SOURCES DIVISION

ON-ROAD MOTOR VEHICLES

LIGHT DUTY PASSENGER

NON-CATALYST STARTS (GASOLINE)	0.38	0.04	2.02
NON-CATALYST HOT STABILIZED (GASOLINE)	1.07	0.54	6.84
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.04	0.00	0.00
NON-CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.01	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	0.22	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.08	0.00	0.00
NON-CATALYST CRANKCASE (GASOLINE)	0.00	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
CATALYST STARTS (GASOLINE)	2.32	1.74	26.25
CATALYST HOT STABILIZED (GASOLINE)	1.63	4.55	36.11
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.95	0.00	0.00
CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.19	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	0.62	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.34	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
DIESEL STARTS (DIESEL)	0.00	0.00	0.04
DIESEL HOT STABILIZED (DIESEL)	0.01	0.03	0.01
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>LIGHT DUTY PASSENGER TOTAL</i>	7.86	6.90	71.27

LIGHT DUTY TRUCKS

NON-CATALYST STARTS (GASOLINE)	0.07	0.02	0.63
NON-CATALYST HOT STABILIZED (GASOLINE)	0.13	0.15	1.39
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.02	0.00	0.00
NON-CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.02	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	0.13	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.05	0.00	0.00
NON-CATALYST CRANKCASE (GASOLINE)	0.03	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
CATALYST STARTS (GASOLINE)	0.96	1.13	10.39
CATALYST HOT STABILIZED (GASOLINE)	0.57	2.64	12.24
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.26	0.00	0.00
CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.07	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	0.23	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.13	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
DIESEL STARTS (DIESEL)	0.00	0.00	0.01
DIESEL HOT STABILIZED (DIESEL)	0.00	0.01	0.02
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>LIGHT DUTY TRUCKS TOTAL</i>	2.67	3.95	24.68

MEDIUM DUTY TRUCKS

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2005 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
NON-CATALYST STARTS (GASOLINE)	0.00	0.00	0.00
NON-CATALYST HOT STABILIZED (GASOLINE)	0.00	0.00	0.00
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.00	0.00	0.00
NON-CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.00	0.00	0.00
CATALYST STARTS (GASOLINE)	0.15	0.19	1.41
CATALYST HOT STABILIZED (GASOLINE)	0.11	0.46	1.68
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.02	0.00	0.00
CATALYST EVAPORATIVE RESTING LOSSES (GASOLINE)	0.01	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	0.02	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.02	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
MEDIUM DUTY TRUCKS TOTAL	0.33	0.65	3.09
LIGHT HEAVY DUTY GAS TRUCKS			
NON-CATALYST HOT STABILIZED (GASOLINE)	0.02	0.07	0.44
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.00	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
CATALYST HOT STABILIZED (GASOLINE)	0.06	0.58	1.34
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.01	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	0.02	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.00	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
LIGHT HEAVY DUTY GAS TRUCKS TOTAL	0.11	0.65	1.78
MEDIUM HEAVY DUTY GAS TRUCKS			
NON-CATALYST HOT STABILIZED (GASOLINE)	0.01	0.03	0.13
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.00	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
CATALYST HOT STABILIZED (GASOLINE)	0.02	0.17	0.37
CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.00	0.00	0.00
CATALYST HOT SOAK (GASOLINE)	0.00	0.00	0.00
CATALYST DIURNAL (GASOLINE)	0.00	0.00	0.00
CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
MEDIUM HEAVY DUTY GAS TRUCKS TOTAL	0.03	0.20	0.50
LIGHT HEAVY DUTY DIESEL TRUCKS			
DIESEL HOT STABILIZED (DIESEL)	0.02	0.45	0.49
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
LIGHT HEAVY DUTY DIESEL TRUCKS TOTAL	0.02	0.45	0.49

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2005 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
<i>MEDIUM HEAVY DUTY DIESEL TRUCKS</i>			
DIESEL HOT STABILIZED (DIESEL)	0.11	1.05	0.96
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>MEDIUM HEAVY DUTY DIESEL TRUCKS TOTAL</i>	0.11	1.05	0.96
<i>HEAVY HEAVY DUTY DIESEL TRUCKS</i>			
DIESEL HOT STABILIZED (DIESEL)	0.23	2.50	2.07
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
DIESEL BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>HEAVY HEAVY DUTY DIESEL TRUCKS TOTAL</i>	0.23	2.50	2.07
<i>MOTORCYCLES</i>			
NON-CATALYST STARTS (GASOLINE)	0.04	0.01	0.20
NON-CATALYST HOT STABILIZED (GASOLINE)	0.13	0.09	0.60
NON-CATALYST EVAPORATIVE RUNNING LOSSES (GASOLINE)	0.00	0.00	0.00
NON-CATALYST HOT SOAK (GASOLINE)	0.00	0.00	0.00
NON-CATALYST DIURNAL (GASOLINE)	0.01	0.00	0.00
NON-CATALYST TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
NON-CATALYST BRAKE WEAR (BRAKE DUST)	0.00	0.00	0.00
<i>MOTORCYCLES TOTAL</i>	0.18	0.10	0.80
<i>HEAVY DUTY DIESEL URBAN BUSES</i>			
DIESEL HOT STABILIZED (DIESEL)	0.02	0.17	0.02
DIESEL TIRE WEAR (RUBBER TIRES)	0.00	0.00	0.00
<i>HEAVY DUTY DIESEL URBAN BUSES TOTAL</i>	0.02	0.17	0.02
<u>ON-ROAD MOTOR VEHICLES</u>	11.56	16.62	105.66
<u>OTHER MOBILE SOURCES</u>			
<i>AIRCRAFT</i>			
PISTON AIRCRAFT - COMMERCIAL (AVIATION GASOLINE)	0.00	0.00	0.00
PISTON AIRCRAFT - CIVIL (AVIATION GASOLINE)	0.12	0.01	5.89
AGRICULTURAL AIRCRAFT (CROP DUSTING) (AVIATION GASOLINE)	0.00	0.00	0.03
JET AIRCRAFT - MILITARY (JET FUEL)	0.04	0.13	0.09
JET AIRCRAFT - COMMERCIAL (JET FUEL)	0.33	0.08	0.54
JET AIRCRAFT - CIVIL (JET FUEL)	0.16	0.03	0.25
<i>AIRCRAFT TOTAL</i>	0.63	0.25	6.87
<i>TRAINS</i>			
LOCOMOTIVES - ROAD HAULING (DIESEL)	0.06	1.02	0.21
<i>TRAINS TOTAL</i>	0.06	1.02	0.21
<i>SHIPS AND COMMERCIAL BOATS</i>			
SHIPS MANEUVERING - U.S. STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00
SHIPS MANEUVERING - U.S. MOTOR SHIPS (DIESEL)	0.00	0.00	0.00
SHIPS MANEUVERING - TUGBOATS (LIQUID FUEL)	0.00	0.00	0.00
SHIPS IN-TRANSIT - U.S. STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00

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2005 PLANNING EMISSION INVENTORY SANTA BARBARA COUNTY	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NO _x	CO
SHIPS IN-TRANSIT - FOREIGN STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00
SHIPS IN-TRANSIT - U.S. MOTOR SHIPS (DIESEL)	0.00	0.00	0.00
SHIPS IN-TRANSIT - FOREIGN MOTOR SHIPS (DIESEL)	0.00	0.00	0.00
COMMERCIAL BOATS (GASOLINE)	0.01	0.00	0.07
COMMERCIAL BOATS (DIESEL)	0.05	0.58	0.13
CREW & SUPPLY BOATS - OFFSHORE OIL PRODUCTION (LIQUID FUEL)	0.01	0.19	0.03
OTHER (LIQUID FUEL)	0.00	0.00	0.00
<i>SHIPS AND COMMERCIAL BOATS TOTAL</i>	0.07	0.77	0.23
<i>RECREATIONAL BOATS</i>			
RECREATIONAL BOATS (GASOLINE)	0.39	0.01	1.62
RECREATIONAL BOATS (DIESEL)	0.05	0.11	0.04
<i>RECREATIONAL BOATS TOTAL</i>	0.44	0.12	1.66
<i>OFF-ROAD RECREATIONAL VEHICLES</i>			
OFF-ROAD MOTORCYCLES (GASOLINE)	0.05	0.03	1.12
ALL-TERRAIN VEHICLES (ATV'S) (GASOLINE)	0.00	0.00	0.00
FOUR-WHEEL DRIVE VEHICLES (GASOLINE)	0.05	0.03	0.55
<i>OFF-ROAD RECREATIONAL VEHICLES TOTAL</i>	0.10	0.06	1.67
<i>COMMERCIAL/INDUSTRIAL MOBILE EQUIPMENT</i>			
LIGHT-DUTY EQUIPMENT - FOUR STROKE (LPG)	0.11	0.13	5.57
LIGHT-DUTY EQUIPMENT - FOUR STROKE (GASOLINE)	0.13	0.07	7.58
LIGHT-DUTY EQUIPMENT - FOUR STROKE (DIESEL)	0.19	1.84	1.11
HEAVY-DUTY EQUIPMENT (GASOLINE)	0.01	0.01	0.28
HEAVY-DUTY EQUIPMENT (DIESEL)	0.05	0.69	0.34
TRANSPORT REFRIGERATION UNITS (DIESEL)	0.01	0.15	0.08
<i>COMMERCIAL/INDUSTRIAL MOBILE EQUIPMENT TOTAL</i>	0.50	2.89	14.96
<i>FARM EQUIPMENT</i>			
HEAVY-DUTY EQUIPMENT (GASOLINE)	0.25	0.15	8.03
HEAVY-DUTY EQUIPMENT (DIESEL)	0.20	2.37	1.23
<i>FARM EQUIPMENT TOTAL</i>	0.45	2.52	9.26
<u><i>OTHER MOBILE SOURCES TOTAL</i></u>	2.25	7.63	34.86
<u>MOBILE SOURCES DIVISION TOTAL</u>	13.81	24.25	140.52
<i>VAFB Growth Conformity</i>	0.07	0.11	0.00
<u>SANTA BARBARA COUNTY TOTAL</u>	32.08	34.69	172.86

TABLE A - 10

1996 PLANNING EMISSION INVENTORY OUTER CONTINENTAL SHELF (OCS)	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
<u>STATIONARY SOURCES DIVISION</u>			
<u>FUEL COMBUSTION</u>			
<i>ELECTRIC UTILITIES TOTAL</i>	0.00	0.00	0.00
<i>COGENERATION TOTAL</i>	0.00	0.00	0.00
<i>OIL AND GAS PRODUCTION (COMBUSTION)</i>			
BOILERS (NATURAL GAS)	0.00	0.01	0.05
PROCESS HEATERS (NATURAL GAS)	0.00	0.00	0.00
PROCESS HEATERS (PROCESS GAS)	0.00	0.00	0.00
STEAM GENERATORS (NATURAL GAS)	0.00	0.00	0.00
STEAM GENERATORS (PROCESS GAS)	0.00	0.00	0.00
I.C. RECIPROCATING ENGINES (NATURAL GAS)	0.01	0.05	0.03
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	0.09	0.91	0.25
I.C. RECIPROCATING ENGINES (DIESEL)	0.01	0.32	0.09
I.C. TURBINE ENGINES (NATURAL GAS)	0.02	1.45	1.23
I.C. TURBINE ENGINES (DIESEL)	0.10	1.14	0.69
DRILLING RIGS (DIESEL)	0.00	0.00	0.00
<i>OIL AND GAS PRODUCTION (COMBUSTION) TOTAL</i>	0.23	3.88	2.34
<i>PETROLEUM REFINING (COMBUSTION) TOTAL</i>	0.00	0.00	0.00
<i>MANUFACTURING AND INDUSTRIAL TOTAL</i>	0.00	0.00	0.00
<i>FOOD AND AGRICULTURAL PROCESSING TOTAL</i>	0.00	0.00	0.00
<i>SERVICE AND COMMERCIAL TOTAL</i>	0.00	0.00	0.00
<u>FUEL COMBUSTION TOTAL</u>	0.23	3.88	2.34
<u>WASTE DISPOSAL</u>			
<i>LANDFILLS TOTAL</i>	0.00	0.00	0.00
<i>INCINERATORS TOTAL</i>	0.00	0.00	0.00
<u>WASTE DISPOSAL TOTAL</u>	0.00	0.00	0.00
<u>CLEANING AND SURFACE COATINGS</u>			
<i>DRY CLEANING TOTAL</i>	0.00	0.00	0.00
<i>DEGREASING TOTAL</i>	0.00	0.00	0.00
<i>COATINGS AND RELATED PROCESS SOLVENTS</i>			
PREPARATION SOLVENTS	0.00	0.00	0.00
AUTO REFINISHING (UNSPECIFIED COATINGS)	0.00	0.00	0.00
METAL FURNITURE AND FIXTURE COATINGS (COATINGS)	0.00	0.00	0.00
METAL PARTS AND PRODUCTS COATINGS (COATINGS)	0.00	0.00	0.00
WOOD FURNITURE AND FABRICATED PRODUCTS (COATINGS)	0.00	0.00	0.00
AIRCRAFT COATINGS	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: ISOPROPANOL (IPA)	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: MINERAL SPIRITS	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: XYLENES	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: COATINGS (UNSPECIFIED)	0.10	0.00	0.00
THINNING SOLVENTS: COATINGS (UNSPECIFIED)	0.00	0.00	0.00
OTHER COATINGS (UNSPECIFIED)	0.00	0.00	0.00

TABLE A - 10

1996 PLANNING EMISSION INVENTORY OUTER CONTINENTAL SHELF (OCS)	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
OTHER OIL BASED (ORGANIC SOLVENT BASED) COATINGS	0.00	0.00	0.00
<i>COATINGS AND RELATED PROCESS SOLVENTS TOTAL</i>	0.10	0.00	0.00
<i>PRINTING TOTAL</i>	0.00	0.00	0.00
<i>OTHER (CLEANING AND SURFACE COATINGS) TOTAL</i>	0.00	0.00	0.00
<u><i>CLEANING AND SURFACE COATINGS TOTAL</i></u>	0.10	0.00	0.00
<u>PETROLEUM PRODUCTION AND MARKETING</u>			
<i>OIL AND GAS PRODUCTION</i>			
FUGITIVE LOSSES - SUMPS AND PITS (CRUDE OIL)	0.01	0.00	0.00
FUGITIVE LOSSES - VALVES (NATURAL GAS)	0.78	0.00	0.00
FUGITIVE LOSSES - VALVES (CRUDE OIL)	0.89	0.00	0.00
FUGITIVE LOSSES - FITTINGS (CRUDE OIL)	0.00	0.00	0.00
FUGITIVE LOSSES - PUMPS (CRUDE OIL)	0.00	0.00	0.00
FUGITIVE LOSSES - COMPRESSORS (CRUDE OIL)	0.00	0.00	0.00
FUGITIVE LOSSES - WELL CELLARS (CRUDE OIL)	0.00	0.00	0.00
FUGITIVE LOSSES - OIL/WATER SEPARATORS (CRUDE OIL)	0.01	0.00	0.00
MISCELLANEOUS FUGITIVE LOSSES (CRUDE OIL)	0.00	0.00	0.00
VAPOR RECOVERY/FLARES (NATURAL GAS)	0.20	0.20	1.12
VAPOR RECOVERY/FLARES (PROCESS GAS)	1.62	1.72	9.28
FLOATING ROOF TANKS - BREATHING LOSSES (CRUDE OIL)	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (CRUDE OIL)	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (CRUDE OIL - RVP 5)	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (CRUDE OIL - RVP 5)	0.00	0.00	0.00
WASTEWATER TREATMENT (CRUDE OIL)	0.04	0.00	0.00
TERTIARY OIL PRODUCTION WELLS (UNSPECIFIED) (CRUDE OIL)	0.00	0.00	0.00
NATURAL GAS PRODUCTION	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (DIESEL/DISTILLATE OIL)	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (CRUDE OIL)	0.00	0.00	0.00
OTHER (CRUDE OIL)	0.00	0.00	0.00
<i>OIL AND GAS PRODUCTION TOTAL</i>	3.54	1.92	10.40
<i>PETROLEUM REFINING TOTAL</i>	0.00	0.00	0.00
<i>PETROLEUM MARKETING TOTAL</i>	0.00	0.00	0.00
<u><i>PETROLEUM PRODUCTION AND MARKETING TOTAL</i></u>	3.54	1.92	10.40
<u>INDUSTRIAL PROCESSES</u>			
<i>CHEMICAL TOTAL</i>	0.00	0.00	0.00
<i>FOOD AND AGRICULTURE TOTAL</i>	0.00	0.00	0.00
<i>MINERAL PROCESSES TOTAL</i>	0.00	0.00	0.00
<i>OTHER (INDUSTRIAL PROCESSES) TOTAL</i>	0.00	0.00	0.00
<u><i>INDUSTRIAL PROCESSES TOTAL</i></u>	0.00	0.00	0.00
<u>STATIONARY SOURCES DIVISION TOTAL</u>	3.87	5.80	12.74
<u>AREA-WIDE SOURCES DIVISION</u>			
<i>CONSUMER PRODUCTS TOTAL</i>	0.00	0.00	0.00

TABLE A - 10

1996 PLANNING EMISSION INVENTORY OUTER CONTINENTAL SHELF (OCS)	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
<i>ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENT</i>	0.00	0.00	0.00
<i>PESTICIDES/FERTILIZERS TOTALS</i>	0.00	0.00	0.00
<i>ASPHALT PAVING TOTAL</i>	0.00	0.00	0.00
<u>SOLVENT EVAPORATION TOTAL</u>	0.00	0.00	0.00
<u>MISCELLANEOUS</u>			
<i>RESIDENTIAL FUEL COMBUSTION TOTAL</i>	0.00	0.00	0.00
<i>FARMING OPERATIONS TOTAL</i>	0.00	0.00	0.00
<i>CONSTRUCTION AND DEMOLITION TOTAL</i>	0.00	0.00	0.00
<i>PAVED ROAD DUST TOTAL</i>	0.00	0.00	0.00
<i>UNPAVED ROAD DUST TOTAL</i>	0.00	0.00	0.00
<i>FUGITIVE WINDBLOWN DUST TOTAL</i>	0.00	0.00	0.00
<i>FIRES TOTALS</i>	0.00	0.00	0.00
<i>WASTE BURNING AND DISPOSAL TOTAL</i>	0.00	0.00	0.00
<i>UTILITY EQUIPMENT TOTAL</i>	0.00	0.00	0.00
<i>OTHER (MISCELLANEOUS PROCESSES) TOTAL</i>	0.00	0.00	0.00
<u>MISCELLANEOUS TOTAL</u>	0.00	0.00	0.00
<u>AREA-WIDE SOURCES DIVISION TOTAL</u>	0.00	0.00	0.00
<u>MOBILE SOURCES DIVISION</u>			
<u>ON-ROAD MOTOR VEHICLES</u>			
<i>LIGHT DUTY PASSENGER TOTAL</i>	0.00	0.00	0.00
<i>LIGHT DUTY TRUCKS TOTAL</i>	0.00	0.00	0.00
<i>MEDIUM DUTY TRUCKS TOTAL</i>	0.00	0.00	0.00
<i>LIGHT HEAVY DUTY GAS TRUCKS TOTAL</i>	0.00	0.00	0.00
<i>MEDIUM HEAVY DUTY GAS TRUCKS TOTAL</i>	0.00	0.00	0.00
<i>LIGHT HEAVY DUTY DIESEL TRUCKS TOTAL</i>	0.00	0.00	0.00
<i>MEDIUM HEAVY DUTY DIESEL TRUCKS TOTAL</i>	0.00	0.00	0.00
<i>HEAVY HEAVY DUTY DIESEL TRUCKS TOTAL</i>	0.00	0.00	0.00
<i>MOTORCYCLES TOTAL</i>	0.00	0.00	0.00
<i>HEAVY DUTY DIESEL URBAN BUSES TOTAL</i>	0.00	0.00	0.00
<u>ON-ROAD MOTOR VEHICLES</u>	0.00	0.00	0.00
<u>OTHER MOBILE SOURCES</u>			
<u>AIRCRAFT</u>			
PISTON AIRCRAFT - COMMERCIAL (AVIATION GASOLINE)	0.00	0.00	0.00
PISTON AIRCRAFT - CIVIL (AVIATION GASOLINE)	0.00	0.00	0.00
AGRICULTURAL AIRCRAFT (CROP DUSTING) (AVIATION GASOLINE)	0.00	0.00	0.00
JET AIRCRAFT - MILITARY (JET FUEL)	0.00	0.00	0.00
JET AIRCRAFT - COMMERCIAL (JET FUEL)	0.23	0.20	0.29
JET AIRCRAFT - CIVIL (JET FUEL)	0.00	0.00	0.00
<u>AIRCRAFT TOTAL</u>	0.23	0.20	0.29

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1996 PLANNING EMISSION INVENTORY OUTER CONTINENTAL SHELF (OCS)	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
<i>TRAINS TOTAL</i>	0.00	0.00	0.00
<i>SHIPS AND COMMERCIAL BOATS</i>			
SHIPS MANEUVERING - U.S. STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00
SHIPS MANEUVERING - U.S. MOTOR SHIPS (DIESEL)	0.00	0.00	0.00
SHIPS MANEUVERING - TUGBOATS (LIQUID FUEL)	0.00	0.00	0.00
SHIPS IN-TRANSIT - U.S. STEAMSHIPS (RESIDUAL OIL)	0.01	0.33	0.03
SHIPS IN-TRANSIT - FOREIGN STEAMSHIPS (RESIDUAL OIL)	0.00	0.14	0.02
SHIPS IN-TRANSIT - U.S. MOTOR SHIPS (DIESEL)	0.08	1.84	0.20
SHIPS IN-TRANSIT - FOREIGN MOTOR SHIPS (DIESEL)	0.79	18.64	2.07
COMMERCIAL BOATS (GASOLINE)	0.01	0.00	0.07
COMMERCIAL BOATS (DIESEL)	0.04	0.50	0.11
CREW & SUPPLY BOATS - OFFSHORE OIL PRODUCTION (LIQUID FUEL)	0.11	1.49	0.34
OTHER (LIQUID FUEL)	0.00	0.00	0.00
<i>SHIPS AND COMMERCIAL BOATS TOTAL</i>	1.04	22.94	2.84
<i>RECREATIONAL BOATS</i>			
RECREATIONAL BOATS (GASOLINE)	0.44	0.01	1.46
RECREATIONAL BOATS (DIESEL)	0.04	0.09	0.04
<i>RECREATIONAL BOATS TOTAL</i>	0.48	0.10	1.50
<i>OFF-ROAD RECREATIONAL VEHICLES TOTAL</i>	0.00	0.00	0.00
<i>COMMERCIAL/INDUSTRIAL MOBILE EQUIPMENT TOTAL</i>	0.00	0.00	0.00
<i>FARM EQUIPMENT TOTAL</i>	0.00	0.00	0.00
<i><u>OTHER MOBILE SOURCES TOTAL</u></i>	1.75	23.24	4.63
<i><u>MOBILE SOURCES DIVISION TOTAL</u></i>	1.75	23.24	4.63
<i><u>SANTA BARBARA COUNTY TOTAL</u></i>	5.62	29.04	17.37

TABLE A - 11

1999 PLANNING EMISSION INVENTORY OUTER CONTINENTAL SHELF (OCS)	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO

STATIONARY SOURCES DIVISION**FUEL COMBUSTION**

<i>ELECTRIC UTILITIES TOTAL</i>	0.00	0.00	0.00
<i>COGENERATION TOTAL</i>	0.00	0.00	0.00
<i>OIL AND GAS PRODUCTION (COMBUSTION)</i>			
BOILERS (NATURAL GAS)	0.00	0.01	0.05
PROCESS HEATERS (NATURAL GAS)	0.00	0.00	0.00
PROCESS HEATERS (PROCESS GAS)	0.00	0.00	0.00
STEAM GENERATORS (NATURAL GAS)	0.00	0.00	0.00
STEAM GENERATORS (PROCESS GAS)	0.00	0.00	0.00
I.C. RECIPROCATING ENGINES (NATURAL GAS)	0.01	0.05	0.02
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	0.10	0.91	0.25
I.C. RECIPROCATING ENGINES (DIESEL)	0.01	0.32	0.09
I.C. TURBINE ENGINES (NATURAL GAS)	0.02	1.45	1.24
I.C. TURBINE ENGINES (DIESEL)	0.09	1.14	0.69
DRILLING RIGS (DIESEL)	0.00	0.00	0.00
<i>OIL AND GAS PRODUCTION (COMBUSTION) TOTAL</i>	0.23	3.88	2.34
<i>PETROLEUM REFINING (COMBUSTION) TOTAL</i>	0.00	0.00	0.00
<i>MANUFACTURING AND INDUSTRIAL TOTAL</i>	0.00	0.00	0.00
<i>FOOD AND AGRICULTURAL PROCESSING TOTAL</i>	0.00	0.00	0.00
<i>SERVICE AND COMMERCIAL TOTAL</i>	0.00	0.00	0.00
<i><u>FUEL COMBUSTION TOTAL</u></i>	0.23	3.88	2.34

WASTE DISPOSAL

<i>LANDFILLS TOTAL</i>	0.00	0.00	0.00
<i>INCINERATORS TOTAL</i>	0.00	0.00	0.00
<i><u>WASTE DISPOSAL TOTAL</u></i>	0.00	0.00	0.00

CLEANING AND SURFACE COATINGS

<i>DRY CLEANING TOTAL</i>	0.00	0.00	0.00
<i>DEGREASING TOTAL</i>	0.00	0.00	0.00

COATINGS AND RELATED PROCESS SOLVENTS

PREPARATION SOLVENTS	0.00	0.00	0.00
AUTO REFINISHING (UNSPECIFIED COATINGS)	0.00	0.00	0.00
METAL FURNITURE AND FIXTURE COATINGS (COATINGS)	0.00	0.00	0.00
METAL PARTS AND PRODUCTS COATINGS (COATINGS)	0.00	0.00	0.00
WOOD FURNITURE AND FABRICATED PRODUCTS (COATINGS)	0.00	0.00	0.00
AIRCRAFT COATINGS	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: ISOPROPANOL (IPA)	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: MINERAL SPIRITS	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: XYLENES	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: COATINGS (UNSPECIFIED)	0.08	0.00	0.00
THINNING SOLVENTS: COATINGS (UNSPECIFIED)	0.00	0.00	0.00
OTHER COATINGS (UNSPECIFIED)	0.00	0.00	0.00
OTHER OIL BASED (ORGANIC SOLVENT BASED) COATINGS	0.00	0.00	0.00

TABLE A - 11

1999 PLANNING EMISSION INVENTORY OUTER CONTINENTAL SHELF (OCS)	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
<i>COATINGS AND RELATED PROCESS SOLVENTS TOTAL</i>	0.08	0.00	0.00
<i>PRINTING TOTAL</i>	0.00	0.00	0.00
<i>OTHER (CLEANING AND SURFACE COATINGS) TOTAL</i>	0.00	0.00	0.00
<u>CLEANING AND SURFACE COATINGS TOTAL</u>	0.08	0.00	0.00
 <u>PETROLEUM PRODUCTION AND MARKETING</u>			
<u>OIL AND GAS PRODUCTION</u>			
FUGITIVE LOSSES - SUMPS AND PITS (CRUDE OIL)	0.00	0.00	0.00
FUGITIVE LOSSES - VALVES (NATURAL GAS)	0.78	0.00	0.00
FUGITIVE LOSSES - VALVES (CRUDE OIL)	0.89	0.00	0.00
FUGITIVE LOSSES - FITTINGS (CRUDE OIL)	0.00	0.00	0.00
FUGITIVE LOSSES - PUMPS (CRUDE OIL)	0.00	0.00	0.00
FUGITIVE LOSSES - COMPRESSORS (CRUDE OIL)	0.00	0.00	0.00
FUGITIVE LOSSES - WELL CELLARS (CRUDE OIL)	0.00	0.00	0.00
FUGITIVE LOSSES - OIL/WATER SEPARATORS (CRUDE OIL)	0.01	0.00	0.00
MISCELLANEOUS FUGITIVE LOSSES (CRUDE OIL)	0.00	0.00	0.00
VAPOR RECOVERY/FLARES (NATURAL GAS)	0.19	0.20	1.12
VAPOR RECOVERY/FLARES (PROCESS GAS)	1.63	1.75	9.28
FLOATING ROOF TANKS - BREATHING LOSSES (CRUDE OIL)	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (CRUDE OIL)	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (CRUDE OIL - RVP 5)	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (CRUDE OIL - RVP 5)	0.00	0.00	0.00
WASTEWATER TREATMENT (CRUDE OIL)	0.03	0.00	0.00
TERTIARY OIL PRODUCTION WELLS (UNSPECIFIED) (CRUDE OIL)	0.00	0.00	0.00
NATURAL GAS PRODUCTION	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (DIESEL/DISTILLATE OIL)	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (CRUDE OIL)	0.00	0.00	0.00
OTHER (CRUDE OIL)	0.00	0.00	0.00
<i>OIL AND GAS PRODUCTION TOTAL</i>	3.53	1.95	10.40
<i>PETROLEUM REFINING TOTAL</i>	0.00	0.00	0.00
<i>PETROLEUM MARKETING TOTAL</i>	0.00	0.00	0.00
<u>PETROLEUM PRODUCTION AND MARKETING TOTAL</u>	3.53	1.95	10.40
 <u>INDUSTRIAL PROCESSES</u>			
<i>CHEMICAL TOTAL</i>	0.00	0.00	0.00
<i>FOOD AND AGRICULTURE TOTAL</i>	0.00	0.00	0.00
<i>MINERAL PROCESSES TOTAL</i>	0.00	0.00	0.00
<i>OTHER (INDUSTRIAL PROCESSES) TOTAL</i>	0.00	0.00	0.00
<u>INDUSTRIAL PROCESSES TOTAL</u>	0.00	0.00	0.00
<u>STATIONARY SOURCES DIVISION TOTAL</u>	3.84	5.83	12.74

TABLE A - 11

1999 PLANNING EMISSION INVENTORY OUTER CONTINENTAL SHELF (OCS)		ANNUAL EMISSIONS (TONS/DAY)		
		ROG	NOx	CO
<u>AREA-WIDE SOURCES DIVISION</u>				
	<i>CONSUMER PRODUCTS TOTAL</i>	0.00	0.00	0.00
	<i>ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENT</i>	0.00	0.00	0.00
	<i>PESTICIDES/FERTILIZERS TOTALS</i>	0.00	0.00	0.00
	<i>ASPHALT PAVING TOTAL</i>	0.00	0.00	0.00
	<u>SOLVENT EVAPORATION TOTAL</u>	0.00	0.00	0.00
<u>MISCELLANEOUS</u>				
	<i>RESIDENTIAL FUEL COMBUSTION TOTAL</i>	0.00	0.00	0.00
	<i>FARMING OPERATIONS TOTAL</i>	0.00	0.00	0.00
	<i>CONSTRUCTION AND DEMOLITION TOTAL</i>	0.00	0.00	0.00
	<i>PAVED ROAD DUST TOTAL</i>	0.00	0.00	0.00
	<i>UNPAVED ROAD DUST TOTAL</i>	0.00	0.00	0.00
	<i>FUGITIVE WINDBLOWN DUST TOTAL</i>	0.00	0.00	0.00
	<i>FIRES TOTALS</i>	0.00	0.00	0.00
	<i>WASTE BURNING AND DISPOSAL TOTAL</i>	0.00	0.00	0.00
	<i>UTILITY EQUIPMENT TOTAL</i>	0.00	0.00	0.00
	<i>OTHER (MISCELLANEOUS PROCESSES) TOTAL</i>	0.00	0.00	0.00
	<u>MISCELLANEOUS TOTAL</u>	0.00	0.00	0.00
	<u>AREA-WIDE SOURCES DIVISION TOTAL</u>	0.00	0.00	0.00
<u>MOBILE SOURCES DIVISION</u>				
<u>ON-ROAD MOTOR VEHICLES</u>				
	<i>LIGHT DUTY PASSENGER TOTAL</i>	0.00	0.00	0.00
	<i>LIGHT DUTY TRUCKS TOTAL</i>	0.00	0.00	0.00
	<i>MEDIUM DUTY TRUCKS TOTAL</i>	0.00	0.00	0.00
	<i>LIGHT HEAVY DUTY GAS TRUCKS TOTAL</i>	0.00	0.00	0.00
	<i>MEDIUM HEAVY DUTY GAS TRUCKS TOTAL</i>	0.00	0.00	0.00
	<i>LIGHT HEAVY DUTY DIESEL TRUCKS TOTAL</i>	0.00	0.00	0.00
	<i>MEDIUM HEAVY DUTY DIESEL TRUCKS TOTAL</i>	0.00	0.00	0.00
	<i>HEAVY HEAVY DUTY DIESEL TRUCKS TOTAL</i>	0.00	0.00	0.00
	<i>MOTORCYCLES TOTAL</i>	0.00	0.00	0.00
	<i>HEAVY DUTY DIESEL URBAN BUSES TOTAL</i>	0.00	0.00	0.00
	<u>ON-ROAD MOTOR VEHICLES</u>	0.00	0.00	0.00
<u>OTHER MOBILE SOURCES</u>				
<u>AIRCRAFT</u>				
	PISTON AIRCRAFT - COMMERCIAL (AVIATION GASOLINE)	0.00	0.00	0.00
	PISTON AIRCRAFT - CIVIL (AVIATION GASOLINE)	0.00	0.00	0.00
	AGRICULTURAL AIRCRAFT (CROP DUSTING) (AVIATION GASOLINE)	0.00	0.00	0.00
	JET AIRCRAFT - MILITARY (JET FUEL)	0.00	0.00	0.00
	JET AIRCRAFT - COMMERCIAL (JET FUEL)	0.23	0.20	0.29
	JET AIRCRAFT - CIVIL (JET FUEL)	0.00	0.00	0.00
	<u>AIRCRAFT TOTAL</u>	0.23	0.20	0.29

TABLE A - 11

1999 PLANNING EMISSION INVENTORY OUTER CONTINENTAL SHELF (OCS)	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
<i>TRAINS TOTAL</i>	0.00	0.00	0.00
<i>SHIPS AND COMMERCIAL BOATS</i>			
SHIPS MANEUVERING - U.S. STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00
SHIPS MANEUVERING - U.S. MOTOR SHIPS (DIESEL)	0.00	0.00	0.00
SHIPS MANEUVERING - TUGBOATS (LIQUID FUEL)	0.00	0.00	0.00
SHIPS IN-TRANSIT - U.S. STEAMSHIPS (RESIDUAL OIL)	0.01	0.33	0.04
SHIPS IN-TRANSIT - FOREIGN STEAMSHIPS (RESIDUAL OIL)	0.00	0.14	0.02
SHIPS IN-TRANSIT - U.S. MOTOR SHIPS (DIESEL)	0.08	1.86	0.21
SHIPS IN-TRANSIT - FOREIGN MOTOR SHIPS (DIESEL)	0.80	18.86	2.07
COMMERCIAL BOATS (GASOLINE)	0.01	0.00	0.07
COMMERCIAL BOATS (DIESEL)	0.05	0.50	0.12
CREW & SUPPLY BOATS - OFFSHORE OIL PRODUCTION (LIQUID FUEL)	0.11	1.49	0.34
OTHER (LIQUID FUEL)	0.00	0.00	0.00
<i>SHIPS AND COMMERCIAL BOATS TOTAL</i>	1.06	23.18	2.87
<i>RECREATIONAL BOATS</i>			
RECREATIONAL BOATS (GASOLINE)	0.46	0.01	1.51
RECREATIONAL BOATS (DIESEL)	0.04	0.09	0.04
<i>RECREATIONAL BOATS TOTAL</i>	0.50	0.10	1.55
<i>OFF-ROAD RECREATIONAL VEHICLES TOTAL</i>	0.00	0.00	0.00
<i>COMMERCIAL/INDUSTRIAL MOBILE EQUIPMENT TOTAL</i>	0.00	0.00	0.00
<i>FARM EQUIPMENT TOTAL</i>	0.00	0.00	0.00
<u><i>OTHER MOBILE SOURCES TOTAL</i></u>	1.79	23.48	4.71
<u><i>MOBILE SOURCES DIVISION TOTAL</i></u>	1.79	23.48	4.71
<u><i>SANTA BARBARA COUNTY TOTAL</i></u>	5.63	29.31	17.45

TABLE A - 12

2005 PLANNING EMISSION INVENTORY OUTER CONTINENTAL SHELF (OCS)	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NO _x	CO
<u>STATIONARY SOURCES DIVISION</u>			
<u>FUEL COMBUSTION</u>			
<i>ELECTRIC UTILITIES TOTAL</i>	0.00	0.00	0.00
<i>COGENERATION TOTAL</i>	0.00	0.00	0.00
<u>OIL AND GAS PRODUCTION (COMBUSTION)</u>			
BOILERS (NATURAL GAS)	0.00	0.01	0.05
PROCESS HEATERS (NATURAL GAS)	0.00	0.00	0.00
PROCESS HEATERS (PROCESS GAS)	0.00	0.00	0.00
STEAM GENERATORS (NATURAL GAS)	0.00	0.00	0.00
STEAM GENERATORS (PROCESS GAS)	0.00	0.00	0.00
I.C. RECIPROCATING ENGINES (NATURAL GAS)	0.01	0.05	0.02
I.C. RECIPROCATING ENGINES (DIESEL/DISTILLATE OIL)	0.10	0.91	0.25
I.C. RECIPROCATING ENGINES (DIESEL)	0.01	0.32	0.09
I.C. TURBINE ENGINES (NATURAL GAS)	0.02	1.45	1.24
I.C. TURBINE ENGINES (DIESEL)	0.09	1.14	0.69
DRILLING RIGS (DIESEL)	0.00	0.00	0.00
<i>OIL AND GAS PRODUCTION (COMBUSTION) TOTAL</i>	0.23	3.88	2.34
<i>PETROLEUM REFINING (COMBUSTION) TOTAL</i>	0.00	0.00	0.00
<i>MANUFACTURING AND INDUSTRIAL TOTAL</i>	0.00	0.00	0.00
<i>FOOD AND AGRICULTURAL PROCESSING TOTAL</i>	0.00	0.00	0.00
<i>SERVICE AND COMMERCIAL TOTAL</i>	0.00	0.00	0.00
<u>FUEL COMBUSTION TOTAL</u>	0.23	3.88	2.34
<u>WASTE DISPOSAL</u>			
<i>LANDFILLS TOTAL</i>	0.00	0.00	0.00
<i>INCINERATORS TOTAL</i>	0.00	0.00	0.00
<u>WASTE DISPOSAL TOTAL</u>	0.00	0.00	0.00
<u>CLEANING AND SURFACE COATINGS</u>			
<i>DRY CLEANING TOTAL</i>	0.00	0.00	0.00
<i>DEGREASING TOTAL</i>	0.00	0.00	0.00
<u>COATINGS AND RELATED PROCESS SOLVENTS</u>			
PREPARATION SOLVENTS	0.00	0.00	0.00
AUTO REFINISHING (UNSPECIFIED COATINGS)	0.00	0.00	0.00
METAL FURNITURE AND FIXTURE COATINGS (COATINGS)	0.00	0.00	0.00
METAL PARTS AND PRODUCTS COATINGS (COATINGS)	0.00	0.00	0.00
WOOD FURNITURE AND FABRICATED PRODUCTS (COATINGS)	0.00	0.00	0.00
AIRCRAFT COATINGS	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: ISOPROPANOL (IPA)	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: MINERAL SPIRITS	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: XYLENES	0.00	0.00	0.00
THINNING AND CLEANUP SOLVENTS: COATINGS (UNSPECIFIED)	0.10	0.00	0.00
THINNING SOLVENTS: COATINGS (UNSPECIFIED)	0.00	0.00	0.00
OTHER COATINGS (UNSPECIFIED)	0.00	0.00	0.00
OTHER OIL BASED (ORGANIC SOLVENT BASED) COATINGS	0.00	0.00	0.00
<i>COATINGS AND RELATED PROCESS SOLVENTS TOTAL</i>	0.10	0.00	0.00

TABLE A - 12

2005 PLANNING EMISSION INVENTORY OUTER CONTINENTAL SHELF (OCS)	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NO _x	CO
<i>PRINTING TOTAL</i>	0.00	0.00	0.00
<i>OTHER (CLEANING AND SURFACE COATINGS) TOTAL</i>	0.00	0.00	0.00
<u>CLEANING AND SURFACE COATINGS TOTAL</u>	0.10	0.00	0.00
<u>PETROLEUM PRODUCTION AND MARKETING</u>			
<u>OIL AND GAS PRODUCTION</u>			
FUGITIVE LOSSES - SUMPS AND PITS (CRUDE OIL)	0.01	0.00	0.00
FUGITIVE LOSSES - VALVES (NATURAL GAS)	0.78	0.00	0.00
FUGITIVE LOSSES - VALVES (CRUDE OIL)	0.89	0.00	0.00
FUGITIVE LOSSES - FITTINGS (CRUDE OIL)	0.00	0.00	0.00
FUGITIVE LOSSES - PUMPS (CRUDE OIL)	0.00	0.00	0.00
FUGITIVE LOSSES - COMPRESSORS (CRUDE OIL)	0.00	0.00	0.00
FUGITIVE LOSSES - WELL CELLARS (CRUDE OIL)	0.00	0.00	0.00
FUGITIVE LOSSES - OIL/WATER SEPARATORS (CRUDE OIL)	0.01	0.00	0.00
MISCELLANEOUS FUGITIVE LOSSES (CRUDE OIL)	0.00	0.00	0.00
VAPOR RECOVERY/FLARES (NATURAL GAS)	0.20	0.20	1.12
VAPOR RECOVERY/FLARES (PROCESS GAS)	1.61	1.72	9.28
FLOATING ROOF TANKS - BREATHING LOSSES (CRUDE OIL)	0.00	0.00	0.00
FLOATING ROOF TANKS - WORKING LOSSES (CRUDE OIL)	0.00	0.00	0.00
FIXED ROOF TANKS - BREATHING LOSSES (CRUDE OIL - RVP 5)	0.00	0.00	0.00
FIXED ROOF TANKS - WORKING LOSSES (CRUDE OIL - RVP 5)	0.00	0.00	0.00
WASTEWATER TREATMENT (CRUDE OIL)	0.04	0.00	0.00
TERTIARY OIL PRODUCTION WELLS (UNSPECIFIED) (CRUDE OIL)	0.00	0.00	0.00
NATURAL GAS PRODUCTION	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (DIESEL/DISTILLATE OIL)	0.00	0.00	0.00
TANK CARS AND TRUCKS - WORKING LOSSES (CRUDE OIL)	0.00	0.00	0.00
OTHER (CRUDE OIL)	0.00	0.00	0.00
<i>OIL AND GAS PRODUCTION TOTAL</i>	3.54	1.92	10.40
<i>PETROLEUM REFINING TOTAL</i>	0.00	0.00	0.00
<i>PETROLEUM MARKETING TOTAL</i>	0.00	0.00	0.00
<u>PETROLEUM PRODUCTION AND MARKETING TOTAL</u>	3.54	1.92	10.40
<u>INDUSTRIAL PROCESSES</u>			
<i>CHEMICAL TOTAL</i>	0.00	0.00	0.00
<i>FOOD AND AGRICULTURE TOTAL</i>	0.00	0.00	0.00
<i>MINERAL PROCESSES TOTAL</i>	0.00	0.00	0.00
<i>OTHER (INDUSTRIAL PROCESSES) TOTAL</i>	0.00	0.00	0.00
<u>INDUSTRIAL PROCESSES TOTAL</u>	0.00	0.00	0.00
<u>STATIONARY SOURCES DIVISION TOTAL</u>	3.81	5.80	12.74
<u>AREA-WIDE SOURCES DIVISION</u>			
<i>CONSUMER PRODUCTS TOTAL</i>	0.00	0.00	0.00
<i>ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENT</i>	0.00	0.00	0.00
<i>PESTICIDES/FERTILIZERS TOTALS</i>	0.00	0.00	0.00

TABLE A - 12

2005 PLANNING EMISSION INVENTORY OUTER CONTINENTAL SHELF (OCS)	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
<i>ASPHALT PAVING TOTAL</i>	0.00	0.00	0.00
<i><u>SOLVENT EVAPORATION TOTAL</u></i>	0.00	0.00	0.00
<i><u>MISCELLANEOUS</u></i>			
<i>RESIDENTIAL FUEL COMBUSTION TOTAL</i>	0.00	0.00	0.00
<i>FARMING OPERATIONS TOTAL</i>	0.00	0.00	0.00
<i>CONSTRUCTION AND DEMOLITION TOTAL</i>	0.00	0.00	0.00
<i>PAVED ROAD DUST TOTAL</i>	0.00	0.00	0.00
<i>UNPAVED ROAD DUST TOTAL</i>	0.00	0.00	0.00
<i>FUGITIVE WINDBLOWN DUST TOTAL</i>	0.00	0.00	0.00
<i>FIRES TOTALS</i>	0.00	0.00	0.00
<i>WASTE BURNING AND DISPOSAL TOTAL</i>	0.00	0.00	0.00
<i>UTILITY EQUIPMENT TOTAL</i>	0.00	0.00	0.00
<i>OTHER (MISCELLANEOUS PROCESSES) TOTAL</i>	0.00	0.00	0.00
<i><u>MISCELLANEOUS TOTAL</u></i>	0.00	0.00	0.00
<i><u>AREA-WIDE SOURCES DIVISION TOTAL</u></i>	0.00	0.00	0.00
<i><u>MOBILE SOURCES DIVISION</u></i>			
<i><u>ON-ROAD MOTOR VEHICLES</u></i>			
<i>LIGHT DUTY PASSENGER TOTAL</i>	0.00	0.00	0.00
<i>LIGHT DUTY TRUCKS TOTAL</i>	0.00	0.00	0.00
<i>MEDIUM DUTY TRUCKS TOTAL</i>	0.00	0.00	0.00
<i>LIGHT HEAVY DUTY GAS TRUCKS TOTAL</i>	0.00	0.00	0.00
<i>MEDIUM HEAVY DUTY GAS TRUCKS TOTAL</i>	0.00	0.00	0.00
<i>LIGHT HEAVY DUTY DIESEL TRUCKS TOTAL</i>	0.00	0.00	0.00
<i>MEDIUM HEAVY DUTY DIESEL TRUCKS TOTAL</i>	0.00	0.00	0.00
<i>HEAVY HEAVY DUTY DIESEL TRUCKS TOTAL</i>	0.00	0.00	0.00
<i>MOTORCYCLES TOTAL</i>	0.00	0.00	0.00
<i>HEAVY DUTY DIESEL URBAN BUSES TOTAL</i>	0.00	0.00	0.00
<i><u>ON-ROAD MOTOR VEHICLES</u></i>	0.00	0.00	0.00
<i><u>OTHER MOBILE SOURCES</u></i>			
<i><u>AIRCRAFT</u></i>			
PISTON AIRCRAFT - COMMERCIAL (AVIATION GASOLINE)	0.00	0.00	0.00
PISTON AIRCRAFT - CIVIL (AVIATION GASOLINE)	0.00	0.00	0.00
AGRICULTURAL AIRCRAFT (CROP DUSTING) (AVIATION GASOLINE)	0.00	0.00	0.00
JET AIRCRAFT - MILITARY (JET FUEL)	0.00	0.00	0.00
JET AIRCRAFT - COMMERCIAL (JET FUEL)	0.23	0.20	0.29
JET AIRCRAFT - CIVIL (JET FUEL)	0.00	0.00	0.00
<i><u>AIRCRAFT TOTAL</u></i>	0.23	0.20	0.29
<i><u>TRAINS TOTAL</u></i>	0.00	0.00	0.00
<i><u>SHIPS AND COMMERCIAL BOATS</u></i>			
SHIPS MANEUVERING - U.S. STEAMSHIPS (RESIDUAL OIL)	0.00	0.00	0.00
SHIPS MANEUVERING - U.S. MOTOR SHIPS (DIESEL)	0.00	0.00	0.00

TABLE A - 12

2005 PLANNING EMISSION INVENTORY OUTER CONTINENTAL SHELF (OCS)	ANNUAL EMISSIONS (TONS/DAY)		
	ROG	NOx	CO
SHIPS MANEUVERING - TUGBOATS (LIQUID FUEL)	0.00	0.00	0.00
SHIPS IN-TRANSIT - U.S. STEAMSHIPS (RESIDUAL OIL)	0.01	0.33	0.04
SHIPS IN-TRANSIT - FOREIGN STEAMSHIPS (RESIDUAL OIL)	0.00	0.14	0.02
SHIPS IN-TRANSIT - U.S. MOTOR SHIPS (DIESEL)	0.08	1.90	0.21
SHIPS IN-TRANSIT - FOREIGN MOTOR SHIPS (DIESEL)	0.82	19.22	2.12
COMMERCIAL BOATS (GASOLINE)	0.01	0.00	0.08
COMMERCIAL BOATS (DIESEL)	0.05	0.57	0.13
CREW & SUPPLY BOATS - OFFSHORE OIL PRODUCTION (LIQUID FUEL)	0.11	1.49	0.34
OTHER (LIQUID FUEL)	0.00	0.00	0.00
<i>SHIPS AND COMMERCIAL BOATS TOTAL</i>	1.08	23.65	2.94
<i>RECREATIONAL BOATS</i>			
RECREATIONAL BOATS (GASOLINE)	0.39	0.01	1.60
RECREATIONAL BOATS (DIESEL)	0.04	0.10	0.04
<i>RECREATIONAL BOATS TOTAL</i>	0.43	0.11	1.64
<i>OFF-ROAD RECREATIONAL VEHICLES TOTAL</i>	0.00	0.00	0.00
<i>COMMERCIAL/INDUSTRIAL MOBILE EQUIPMENT TOTAL</i>	0.00	0.00	0.00
<i>FARM EQUIPMENT TOTAL</i>	0.00	0.00	0.00
<u><i>OTHER MOBILE SOURCES TOTAL</i></u>	1.74	23.96	4.87
<u>MOBILE SOURCES DIVISION TOTAL</u>	1.74	23.96	4.87
<u>SANTA BARBARA COUNTY TOTAL</u>	5.61	29.76	17.61

Table A-13

ESTIMATED EMISSIONS FROM INCREASED LAUNCH ACTIVITY AT VANDENBERG AIR FORCE BASE

		1999		2000		2001		2002		2003		2004		2005	
		NOx	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx	VOC
Construction Emissions (TPY)															
	Commercial Space¹	13.0	6.4	46.4	42.6	24.4	13.2	1.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
	VentureStar	0.0	0.0	6.5	3.2	23.2	6.6	12.2	21.3	0.5	0.7	0.0	0.0	0.0	0.0
	SUBTOTAL	13.0	6.4	52.9	45.8	47.6	19.8	13.2	22.6	0.5	0.7	0.0	0.0	0.0	0.0
Operational Emissions (TPY)															
	Commercial Space^{1,2}	0.0	0.0	0.0	0.0	24.7	14.4	24.6	14.0	24.5	11.5	28.2	17.5	28.2	17.5
	VentureStar³	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	7.0	11.2	7.0	11.2	7.0
	SUBTOTAL	0.0	0.0	0.0	0.0	24.7	14.4	24.6	14.0	35.7	18.5	39.4	24.5	39.4	24.5
	TOTAL	13.0	6.4	52.9	45.8	72.3	34.2	37.8	36.6	36.2	19.2	39.4	24.5	39.4	24.5

Notes:

¹Commercial Space launches may include the following launch vehicles with commercial (non DoD) payloads: Taurus, Delta, Atlas, Titan and the two new EELV launch vehicles.

²Commercial Space Operational VOC emissions are from Preparation & Assembly Operations & Point and Mobile Sources, while NOx emissions result from Launches & Point & Mobile sources.

³VentureStar Operational VOC emissions are from Preparation & Assembly Operations and Point and Mobile Sources, while NOx emissions are from Mobile and Point Sources.