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**POINT SOURCE EMISSION
INVENTORY
FOR LOS ANGELES COUNTY**



**U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air and Water Programs
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711**

**POINT SOURCE EMISSION
INVENTORY
FOR LOS ANGELES COUNTY**

by

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Prepared for

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Office of Air and Water Programs
Office of Air Quality Planning and Standards
Research Triangle Park, N.C. 27711

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Project Manager

POINT SOURCE EMISSIONS INVENTORY FOR THE STATE OF CALIFORNIA

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ABSTRACT

The results of the emissions inventory for the County of Los Angeles are presented. A survey was made to determine the emissions of air pollutants from point sources which discharge to the atmosphere more than one hundred (100) tons per year of either particulate matter, sulfur dioxide, hydrocarbons, carbon monoxide, or nitrogen oxides. The emission data were assembled in a suitable format for use in completing the National Emissions Data Systems (NEDS) forms which were encoded and submitted in computer readout form at the completion of this work.

SECTION I: INTRODUCTION

Pacific Environmental Services, Inc. (PES) under a Basic Ordering Agreement #68-02-1004 Task Order No. 2 with the Environmental Protection Agency (EPA) undertook a survey to obtain emissions data from sources of air pollution in Los Angeles County, California.

This is the first survey of Los Angeles County ever conducted for EPA by a contractor for the purpose of transferring emission data obtained directly from industrial firms, to National Emissions Data System (NEDS) format.

Only those air pollution point sources which discharge to the atmosphere more than one hundred (100) tons per year of either particulate matter, sulfur dioxide, hydrocarbons, carbon monoxide or nitrogen oxides, were asked to be reported by companies who own, operate or use such sources at each location in the County of Los Angeles.

SECTION II. STATEMENT OF PURPOSE

Task Order No. 2 of this Basic Ordering Agreement directed PES to obtain from the major air pollution sources in Los Angeles County all the point source data in their files and to transfer it to the NEDS format. This was to be accomplished by the collection of data on the "Air Pollutant Emissions Report", OMB Form No. 158-R75 and subsequent transfer to NEDS format. In addition, data deficiencies and errors must be eliminated by additional contact with sources, and other individuals and organizations.

SECTION III: GENERAL PROCEDURE

One of the first tasks was to establish a procedure for selecting plants likely to have emissions more than 100 tons per year (TPY) of any of the specified pollutants. This was done by examining the two

lists of plants supplied by the Los Angeles Air Pollution Control District. One of the lists, "Major Point Sources of Air Pollution in Los Angeles County, April, 1973" contained a listing of 69 firms. This list provided total emissions from each facility in tons per day of five primary pollutants. However, the list did not give the number of point sources at each facility. Another list provided by Los Angeles County APCD contained a number of plants which are required to submit plans under Regulation VII, Emergencies. A third list, "Estimated Emission of Organic Gases - 1971, Point Sources - Los Angeles County" provided by California State Air Resources Board (ARB) was also consulted to determine the potential major sources of hydrocarbon emissions.

Based on the above three lists, one hundred and forty-seven (147) firms which had a reasonably high probability of having a source discharging more than 100 TPY were selected as potential major air pollution sources. At this point, PES received from the Region IX EPA Office, OMB Forms No. 158-R75, an EPA cover letter and a confidentiality agreement. OMB Forms No. 158-R75 and Instructions for Completing the Air Pollutant Emissions Report (Form 158-R75) were sent to these firms on June 18, 1973 to be completed and returned to PES by June 28, 1973. A transmittal letter from PES containing supplementary instructions and a copy of the EPA cover letter were also included in the package sent. Respondents were specifically asked to complete sections I, II, III, IV, V, VI of the OMB forms, using all readily available data, for each air pollution source owned, used, or operated by them at each location in the County of Los Angeles which discharges to the atmosphere more than 100 TPY of any primary pollutant.

During the interval of time when the OMB forms were being prepared the EPA emission factors for various source categories were examined in anticipation of questions from firms relating to whether any given source was emitting more than 100 TPY of any primary pollutant.

A card file was established for each plant which included a record of dates OMB forms were sent, dates received, dates of communications with plant personnel. Detailed phone logs were kept dealing with questions asked by the firms and the information provided by PES.

In addition to communicating with plants by telephone, other procedures to assist the firms in filling the OMB forms were also used. For example, on June 22, 1973, a meeting of Western Oil and Gas Association members was attended by Robert J. Bryan and Mel Weisburd of PES to answer technical questions relating to refinery and petroleum storage operations. In all, representatives from twelve major refineries attended the meeting. Under the second procedure, representatives from the individual firms were offered the opportunity to come to PES offices to discuss their problems relating to OMB forms. However, not many firms (about 5) used this procedure for completing the forms.

Approximately fifty sets of OMB forms were received by the end of June, 1973. By the end of July, 1973, all but eight of the original 147 plants polled had sent the information. Contact was established with all of the above eight plants in order to obtain a statement as to the date we would expect to receive the forms. In most cases a clear response was obtained.

During this span of time (June 1973 - July 1973) there were many requests for additional time to complete the forms. A large number of firms noted that a ten day limit was too short to collect all the information required from various sections of their plants to complete the OMB forms. After discussion with the EPA Project Officer, requests for time not exceeding ten days were approved, and those requesting longer extensions were forwarded to the Project Officer.

Encoding of NEDS forms followed immediately after the OMB forms were received. Procedures were established for receiving and accounting for completed forms and for initial screening of data. The data provided by firms was checked for completeness and accuracy before encoding. Spot checks were made of the submitted emission data by use of EPA emission factors to verify accuracy. Contacts with firms were made to obtain additional or missing information required for encoding the NEDS forms. Encoding followed the instructions as presented in the revised "Guide for Compiling a Comprehensive Emission Inventory (APTD-1135)" and per instructions received by memos from the National Air Data Center (NADC). Special coding problems were handled by direct contact with the center. Questions were presented to NADC by phone. Upon completion of encoding, the NEDS forms were again checked to verify the accuracy of the encoder. In all, three reviews were made: first to check emission calculations, second to check U.T.M. Coordinates, and a third to check the form for correct computer entries and overall accuracy.

The original NEDS forms were then duplicated and mailed to the EPA Regional IX Office and to the National Air Data Center, Durham, North Carolina.

SECTION IV. ASSUMPTIONS MADE

A number of assumptions were made in preparing the emission inventory. Essentially they were of two kinds:

- (1) General Assumptions
- (2) Technical Assumptions

(1) General Assumptions:

- (a) Most of the sources greater than 100 TPY would appear

in at least one of the three lists used in preparing the final list of 147 plants. As noted earlier, two of these lists were provided by Los Angeles County APCD and the third list was from the California State ARB.

- (b) Firms which were sent OMB forms had sufficient knowledge to complete the forms.
- (c) The information provided by the firms was believed to be correct, unless engineering checks showed significant errors in the data.

(2) Technical Assumptions:

Some assumptions of technical nature were made in encoding the NEDS forms. Some major ones are explained below:

- (a) In cases where a common metering system for fuel feed (natural gas or fuel oil) to a number of boilers is used, fuel usage for individual boilers was prorated according to size of the unit (BTU/hr) and number of operating hours.
- (b) In some cases, information provided by the OMB forms showed two different sizes (BTU/hr) of a given unit (boiler) based on either natural gas or fuel oil combustion. The larger of the two values was used in encoding. The same criterion was followed when two different stack gas flow rates or two different stack gas temperatures were shown on the OMB forms.
- (c) In combining the process and the process fuel (e.g. glass melting furnace + fuel) on one NEDS form, the process SCC code was assumed to be the dominant one. Thus the process SCC code will govern entries on other cards (for example "Normal Operating" and "% Annual Thruput", both on Card 4).
- (d) In cases where emissions (based on stack tests or material

balance) were not provided by the firms, EPA emission factors were used. However, we had three documents from EPA for emission factors information:

- (1) "Compilation of Air Pollutant Emission Factors - AP42", February 1972.
- (2) Second edition of above "Compilation", April 1973.
(It was received in July 1973.)
- (3) "NEDS Source Classification Code (SCC) Factor Report", December 1972.

Reference 3 above gives emission factors for each SCC. However, References (1) and (2) above give emission factors on a general basis. For example, Reference 3 above gives three different emission factors for NO_x emissions (from 120 to 390 lbs/mmft.³ of natural gas) for industrial natural gas fired boilers (based on size of the boiler in million BTU/hr), whereas the Reference 2 gives a range of 120 to 230 lbs/mmft.³ for the same process. In such cases, it was assumed that Reference 3 was more accurate and was chosen over the other two.

SECTION V: PROBLEMS ENCOUNTERED

One of the major problems throughout the county was in securing the return of OMB forms within the ten day limit. Many firms requested an extension of time to complete the OMB forms. Typical responses to inquiries (repeated in most cases) included (1) mail displaced, (2) responsible party on vacation, (3) collection of data required more time, (4) need clearance from home office (which was generally located on east coast), (5) we will send them in shortly. (Note: all firms claiming that forms were not received were sent additional forms by certified mail).

Data collected was not always complete or accurate. The incompleteness

of data or its inaccuracies, failure to meet engineering checks, caused a number of call-backs to get better data. In the process of filling out the OMB forms, a number of difficulties were experienced by the firms in adapting their data to the OMB forms supplied. In order to provide the information we requested, numerous footnotes and attachments were needed, and these were incorporated into the reports sent to us. A large number of firms depended upon PES personnel to help them present their data in a form that was useable for encoding. This placed a burden on PES and also slowed the receipt and the encoding of data.

Several technical problems arose relating to the coding of fluid catalytic crackers and sulfur recovery plants. These were resolved. Several inquiries were made, including discussions with refinery personnel on how best to make estimates of losses from tanks where such estimates had not been previously made - principally crude tanks both cone and floating roof. It is believed that use of the April, 1973 edition of the Emission Factors Guide (received in July) coupled with the use of American Petroleum Institute (API) Calculation procedure solved this problem. Additional information on actual storage condition vapor pressures and tank descriptions was required in a number of cases.

The other principal technical questions from those sources not having directly applicable test data included (1) How do we estimate our NO_x emissions from combustion sources?, (2) How do we estimate solvent losses?, (3) How do we report organic vapor composition data? These were resolved with the help of EPA emission factors and applicable engineering information.

Another frequent problem was to determine whether the sources at some of the firms were really emitting 100 TPY of any primary pollutant. In many of these cases, even EPA emission factors were not available. PES personnel used best engineering judgement to resolve this problem.

SECTION VI. RESULTS

At the completion of encoding, four hundred and thirty-two (432) NEDS forms were filled based on OMB forms received from 147 plants in the County of Los Angeles. Two hundred and sixteen (216) point sources at these locations are emitters of more than 100 TPY of at least one of the five primary pollutants, out of which forty-four (44) point sources emit more than 1,000 TPY. Table 1 gives a summary of emission data for each point source in the County.

In Table 2, a comparison has been made of data collected in the emissions inventory performed under this contract with other published data. One source of information is the Los Angeles County Air Pollution Control District Profile which was last published in 1971. It breaks down stationary source emissions data into four broad categories - Industrial, Power Plants, Commercial, and Residential. For purposes of this comparison, the Industrial and Power Plant totals were combined. The reactive and total hydrocarbon emissions were reported separately in the 1971 Profile report; this breakdown is shown in Table 2. Another source is the list of Major Point Sources published by the L.A. Co. APCD in April, 1973. In this report, total plant emissions were reported for each plant (not individual sources) which discharged in excess of 100 tons per year cumulatively. The hydrocarbon emissions listed in the 1973 APCD Major Point Sources report cover only the photochemically reactive hydrocarbons as defined in L.A. Co. APCD Rule 66 and hence the total hydrocarbons are not shown in Table 2. In the PES inventory, requests for reactive hydrocarbon emission data were not filled because the sources surveyed stated such information was not readily available. The PES inventory was directed at all sources over 100 tons per year but a few less than that total were reported upon and included in the inventory.

Several comments can be made on the data shown in Table 2. Both the reactive hydrocarbons reported by the L.A. Co. APCD in their major sources report and the total hydrocarbons resulting from the PES-OMB Form survey are substantially less than the respective emissions of each given in the L.A. Co. APCD 1971 Profile. The reactive hydrocarbons from APCD major sources are about 11.5% of the amount in the Profile and the PES-OMB Form total hydrocarbons are about 20.5% of the total shown in the Profile. It is known, of course, that many of the petroleum storage and transfer facilities, and many of the solvent sources emit less than 100 tons per year. On the other hand a disproportionate fraction of the point source nitrogen oxides emissions result from large combustion sources, a situation which is in large part due to the fact that NO_x emission factors (on a thermal input basis) increase with size of the unit. This is reflected in the data shown in Table 2. Sulfur dioxide emissions are relatively easy to account for and principally arise from large point sources. Both the L.A. Co. APCD Major Sources list and the PES-OMB Survey results indicate increased sulfur dioxide emissions over the 1971 Profile. This may be due to the increased use of residual fuel oil in power plants. As far as carbon monoxide emissions are concerned a significant proportion is apparently from smaller sources. Even though particulates are emitted from a great variety of sources, the agreement in results reported from the three different reports is surprisingly close.

ABSTRACT OF TABLE 1

Total Emissions for Los Angeles County from 100 TPY
Emission Inventory - September 1973 - BOA #68-02-1004
Task Order #2 (Emissions in tons per year)

<u>P</u>	<u>SO₂</u>	<u>NO_x</u>	<u>HC</u>	<u>CO</u>
9,049	100,708	66,542	48,175	864

TABLE -1- SUMMARY OF DATA FROM EMISSION INVENTORY SURVEY OF LOS ANGELES COUNTY
 SEPTEMBER - 1973 - BOA #68-02-1004 TASK ORDER #2
 (Emissions in Tons per Year)

Plant ID*	Name	Address	Particulate	SO ₂	NO _x	HC	CO
0001-01	Atlantic Richfield	1801 Sepulveda, Carson 90764	34	162	268	30	1
0001-02	Atlantic Richfield	" "	34	162	268	30	1
0001-03	Atlantic Richfield	" "	34	162	268	30	1
0001-04	Atlantic Richfield	" "	38	378	401	47	1
0001-05	Atlantic Richfield	" "	34	102	391	51	0
0001-06	Atlantic Richfield	" "	20	205	275	65	1
0001-07	Atlantic Richfield	" "	4	27	44	6	0
0001-08	Atlantic Richfield	" "	4	27	44	6	0
0001-09	Atlantic Richfield	" "	4	27	44	6	0
0001-10	Atlantic Richfield	" "	4	38	62	8	0
0001-11	Atlantic Richfield	" "	4	38	62	8	0
0001-12	Atlantic Richfield	" "	3	20	32	5	0
0001-13	Atlantic Richfield	" "	3	20	32	5	0
0001-14	Atlantic Richfield	" "	9	64	105	14	0
0001-15	Atlantic Richfield	" "	17	51	110	12	--
0001-16	Atlantic Richfield	" "	15	38	86	7	0
0001-17	Atlantic Richfield	" "	63	1,460	324	1,060	0
0001-18	Atlantic Richfield	" "	63	1,460	324	1,060	0
0002-01	Atlantic Richfield	1300 W. 8th St., Long Beach 90813	0	0	0	6,198	0
0003-01	Atlantic Richfield	5909 Paramount Blvd., Long Beach 90744	0	0	0	--	0
0004-01	Atlantic Richfield	1835 E. Wash. Blvd., L.A. 90021	0	0	0	0	0
0005-01	Atlantic Richfield	8600 So. Garfield, South Gate 90744	--	--	--	--	--
0006-01	Champlin Petroleum Co.	Wilmington, Ca. 90744	--	--	--	--	--
0007-01	Douglas Oil Co.	14708 Downey, Paramount 90723	--	--	--	--	--
0008-01	Edgington Oil Co.	2400 Artesia Blvd., Long Beach 90805	--	--	--	--	--
0009-01	Fletcher Oil & Ref.	Carson, Ca. 90744	--	--	--	--	--
0010-01	Gulf Oil Corp.	Santa Fe Springs, Ca. 90670	14	24	113	13	0
0010-02	Gulf Oil Corp.	" "	11	17	124	16	0
0010-03	Gulf Oil Corp.	" "	10	17	81	9	0
0010-04	Gulf Oil Corp.	" "	0	0	0	164	0
0010-05	Gulf Oil Corp.	" "	6	217	153	475	30
0010-06	Gulf Oil Corp.	" "	0	1,284	0	0	0
0010-07	Gulf Oil Corp.	" "	0	0	0	301	0
0010-08	Gulf Oil Corp.	" "	0	0	0	301	0

*Plant ID--Plant Number and Point Number

TABLE -1- (Continued) SUMMARY OF DATA FROM EMISSION INVENTORY SURVEY OF LOS ANGELES COUNTY
SEPTEMBER - 1973 - BOA #68-02-1004 TASK ORDER #2
(Emissions in Tons per Year)

<u>Plant ID*</u>	<u>Name</u>	<u>Address</u>	<u>Particulate</u>	<u>SO₂</u>	<u>NO_x</u>	<u>HC</u>	<u>CO</u>
0010-09	Gulf Oil Corp.	Santa Fe Springs, Ca. 90670	0	0	0	301	0
0010-10	Gulf Oil Corp.	" "	0	0	0	301	0
0010-11	Gulf Oil Corp.	" "	0	0	0	301	0
0010-12	Gulf Oil Corp.	" "	0	0	0	301	0
0010-13	Gulf Oil Corp.	" "	0	0	0	301	0
0010-14	Gulf Oil Corp.	" "	0	0	0	301	0
0010-15	Gulf Oil Corp.	" "	0	0	0	382	0
0010-16	Gulf Oil Corp.	" "	0	0	0	382	0
0010-17	Gulf Oil Corp.	" "	0	0	0	382	0
0011-01	Mobil Oil Corp.	Torrance, Ca. 90509	46	119	317	35	0
0011-02	Mobil Oil Corp.	" "	25	49	281	37	0
0011-03	Mobil Oil Corp.	" "	9	19	108	15	0
0011-04	Mobil Oil Corp.	" "	8	16	94	12	0
0011-05	Mobil Oil Corp.	" "	8	16	94	12	0
0011-06	Mobil Oil Corp.	" "	33	4,450	2,450	0	0
0011-07	Mobil Oil Corp.	" "	0	136	0	0	0
0011-08	Mobil Oil Corp.	" "	--	--	--	--	--
0012-01	Mobil Oil Corp.	Terminal Island, California	--	--	--	--	--
0013-01	Powerine Oil Co.	12354 Lakeland, Santa Fe Springs 90670	--	520	260	--	--
0013-02	Powerine Oil Co.	" "	0	263	0	0	0
0014-01	Shell Oil Co.	Wilmington, Ca. 90744	36	73	201	35	1
0014-02	Shell Oil Co.	" "	36	73	201	35	1
0015-01	Shell Oil Co.	Signal Hill Terminal, Long Beach 90806	--	--	--	--	--
0016-01	Shell Oil Co.	L. A. Int. Airport, L. A. 90009	--	--	--	--	--
0017-01	Shell Oil Co.	Van Nuys Terminal, Ca. 91406	--	--	--	--	--
0018-01	Standard Oil of Ca.	El Segundo, Ca. 90245	100	5,700	821	2,544	0
0018-02	Standard Oil of Ca.	" "	13	21	204	20	1
0018-03	Standard Oil of Ca.	" "	13	21	204	20	1
0018-04	Standard Oil of Ca.	" "	13	21	204	20	1
0018-05	Standard Oil of Ca.	" "	13	21	204	20	1
0018-06	Standard Oil of Ca.	" "	6	10	53	6	0
0018-07	Standard Oil of Ca.	" "	6	10	53	6	0
0018-08	Standard Oil of Ca.	" "	6	10	53	6	0
0018-09	Standard Oil of Ca.	" "	6	10	53	6	0
0018-10	Standard Oil of Ca.	" "	6	10	53	6	0

*Plant ID--Plant Number and Point Number

TABLE -1- (Continued) SUMMARY OF DATA FROM EMISSION INVENTORY SURVEY OF LOS ANGELES COUNTY
SEPTEMBER - 1973 - BOA #68-02-1004 TASK ORDER #2
(Emissions in Tons per Year)

Plant ID*	Name	Address	Particulate	SO ₂	NO _x	HC	CO
0018-11	Standard Oil of Ca.	El Segundo, Ca. 90245	6	10	53	6	0
0018-12	Standard Oil of Ca.	" "	15	13	140	17	0
0018-13	Standard Oil of Ca.	" "	15	13	140	17	0
0018-14	Standard Oil of Ca.	" "	13	0	150	20	0
0018-15	Standard Oil of Ca.	" "	22	0	252	33	0
0018-16	Standard Oil of Ca.	" "	21	0	244	32	0
0018-17	Standard Oil of Ca.	" "	21	0	244	32	0
0018-18	Standard Oil of Ca.	" "	2	0	25	3	0
0018-19	Standard Oil of Ca.	" "	2	0	25	3	0
0018-20	Standard Oil of Ca.	" "	2	0	25	3	0
0018-21	Standard Oil of Ca.	" "	0	0	18	0	0
0018-22	Standard Oil of Ca.	" "	0	0	18	0	0
0018-23	Standard Oil of Ca.	" "	0	0	18	0	0
0018-24	Standard Oil of Ca.	" "	0	0	18	0	0
0018-25	Standard Oil of Ca.	" "	0	0	18	0	0
0018-26	Standard Oil of Ca.	" "	0	0	17	0	0
0018-27	Standard Oil of Ca.	" "	0	0	17	0	0
0018-28	Standard Oil of Ca.	" "	0	0	17	0	0
0019-01	Standard Oil Co.	15359 Oxnard St., Van Nuys	0	158	0	0	0
0020-01	Standard Oil Co.	Paramount, Ca. 90723	--	--	--	--	--
0021-01	Standard Oil Co.	Los Angeles, California	--	--	--	--	--
0022-01	Standard Oil Co.	Montebello, Ca. 90640	--	--	--	--	--
0023-01	Texaco Inc.	2101 E. Pacific Coast Hwy, Wilmington	16	53	184	24	0
0023-02	Texaco Inc.	" "	9	29	101	14	0
0023-03	Texaco Inc.	" "	119	1,033	378	1,195	0
0023-04	Texaco Inc.	" "	0	0	0	499	0
0023-05	Texaco Inc.	" "	0	0	0	255	0
0023-06	Texaco Inc.	" "	0	0	0	274	0
0023-07	Texaco Inc.	" "	0	0	0	274	0
0023-08	Texaco Inc.	" "	0	0	0	481	0
0023-09	Texaco Inc.	" "	0	0	0	312	0
0023-10	Texaco Inc.	" "	0	0	0	511	--
0023-11	Texaco Inc.	" "	0	0	0	256	0
0023-12	Texaco Inc.	" "	0	0	0	256	0

*Plant ID--Plant Number and Point Number

TABLE -1- (Continued) SUMMARY OF DATA FROM EMISSION INVENTORY SURVEY OF LOS ANGELES COUNTY
SEPTEMBER - 1973 - BOA #68-02-1004 TASK ORDER #2
(Emissions in Tons per Year)

Plant ID*	Name	Address	Particulate	SO ₂	NO _x	HC	CO
0023-13	Texaco Inc.	2101 E. Pacific Coast Hwy, Wilmington	0	0	0	354	0
0023-14	Texaco Inc.	"	0	0	0	354	0
0024-01	Texaco Sulphur Recovery	Carson, California	0	2,978	0	0	0
0024-02	Texaco Sulphur Recovery	"	0	2,978	0	0	0
0024-03	Texaco Sulphur Recovery	"	0	2,978	0	0	0
0024-04	Texaco Sulphur Recovery	"	0	2,978	0	0	0
0024-05	Texaco Sulphur Recovery	"	0	2,978	0	0	0
0025-01	Union Oil Co. of Ca.	L. A. Refinery, L. A. 90744	6	11	214	7	0
0025-02	Union Oil Co. of Ca.	"	20	139	234	30	0
0025-03	Union Oil Co. of Ca.	"	14	28	166	21	0
0025-04	Union Oil Co. of Ca.	"	3	--	120	6	0
0025-05	Union Oil Co. of Ca.	"	3	1	120	6	0
0025-06	Union Oil Co. of Ca.	"	3	1	120	6	0
0025-07	Union Oil Co. of Ca.	"	110	5,256	1,577	1,815	0
0025-08	Union Oil Co. of Ca.	"	0	2,409	0	0	0
0026-00	BLANK	BLANK	--	--	--	--	--
0027-01	West Oil Terminals	San Pedro, Ca. 90733	--	--	--	--	--
0028-01	Shell Oil Co.	Carson, California	111	111	1,275	167	0
0028-02	Shell Oil Co.	"	12	1	458	1	13
0028-03	Shell Oil Co.	"	94	1,047	404	1,155	0
0029-01	Mobil Oil Corp.	L. A., California 90058	--	--	--	--	--
0030-01	Burbank Public Service	164 W. Magnolia Blvd., Burbank	2	166	419	24	0
0030-02	Burbank Public Service	"	73	316	459	48	1
0030-03	Burbank Public Service	"	1	30	102	12	0
0031-01	Glendale Public Service	119 N. Glendale Ave., Glendale	2	2	42	--	--
0031-02	Glendale Public Service	"	11	197	151	5	0
0031-03	Glendale Public Service	"	11	197	151	5	0
0031-04	Glendale Public Service	"	11	197	151	5	0
0031-05	Glendale Public Service	"	11	197	151	5	0
0031-06	Glendale Public Service	"	1	785	602	18	1
0031-07	Glendale Public Service	"	3	785	602	18	1
0032-01	DWP Haynes Steam Plant	6801 Westminster, Long Beach	75	578	802	42	1
0032-02	DWP Haynes Steam Plant	"	219	1,398	1,608	206	2
0032-03	DWP Haynes Steam Plant	"	205	1,148	2,340	222	3

*Plant ID--Plant Number and Point Number

TABLE -1- (Continued) SUMMARY OF DATA FROM EMISSION INVENTORY SURVEY OF LOS ANGELES COUNTY
SEPTEMBER - 1973 - BOA #68-02-1004 TASK ORDER #2
(Emissions in Tons per Year)

Plant ID*	Name	Address	Particulate	SO ₂	NO _x	HC	CO
0032-04	DWP Haynes Steam Plant	6801 Westminster, Long Beach	183	1,089	1,916	179	2
0032-05	DWP Haynes Steam Plant	" "	294	1,894	3,155	272	3
0032-06	DWP Haynes Steam Plant	" "	271	2,067	2,725	166	3
0033-01	DWP Harbor Steam Plant	Island Ave. & B St., Wilmington	15	91	256	20	0
0033-02	DWP Harbor Steam Plant	" "	23	101	400	34	0
0033-03	DWP Harbor Steam Plant	" "	40	189	599	47	1
0033-04	DWP Harbor Steam Plant	" "	44	212	714	55	1
0033-05	DWP Harbor Steam Plant	" "	27	107	428	45	0
0034-01	DWP Scattergood Plant	12700 Vista Del Mar, Playa Del Rey	92	436	673	135	1
0034-02	DWP Scattergood Plant	" "	34	282	211	22	0
0035-01	DWP Valley Steam Plant	9430 San Fernando, Sun Valley	68	355	741	77	1
0035-02	DWP Valley Steam Plant	" "	62	280	672	86	1
0035-03	DWP Valley Steam Plant	" "	82	398	986	127	1
0035-04	DWP Valley Steam Plant	" "	83	365	953	137	1
0036-01	Pasadena DWP	130 Wallis St., Pasadena 91101	14	144	146	10	1
0036-02	Pasadena DWP	" "	28	277	266	18	1
0036-03	Pasadena DWP	" "	13	137	291	26	1
0036-04	Pasadena DWP	" "	14	137	292	26	1
0037-01	So. Ca. Edison	Alamitos Generation Station	239	1,478	803	129	2
0037-02	So. Ca. Edison	" "	234	1,477	803	113	2
0037-03	So. Ca. Edison	" "	430	2,704	1,241	213	3
0037-04	So. Ca. Edison	" "	410	2,704	1,241	140	2
0037-05	So. Ca. Edison	" "	702	4,685	2,008	214	3
0037-06	So. Ca. Edison	" "	723	4,685	2,008	285	3
0037-07	So. Ca. Edison	" "	0	0	0	837	0
0037-08	So. Ca. Edison	" "	0	0	0	325	0
0038-01	So. Ca. Edison	El Segundo Steam Station	347	2,399	1,023	104	2
0038-02	So. Ca. Edison	" "	347	2,399	1,023	104	2
0038-03	So. Ca. Edison	" "	602	4,165	1,424	185	3
0038-04	So. Ca. Edison	" "	0	0	0	146	0
0038-05	So. Ca. Edison	" "	0	0	0	146	0
0039-01	So. Ca. Edison	Redondo Beach Station, P. O. Box 392	206	1,100	1,897	439	5
0039-02	So. Ca. Edison	" "	206	1,100	1,897	439	5
0039-03	So. Ca. Edison	" "	12	46	229	16	0

*Plant ID--Plant Number and Point Number

TABLE -1- (Continued) SUMMARY OF DATA FROM EMISSION INVENTORY SURVEY OF LOS ANGELES COUNTY
SEPTEMBER - 1973 - BOA #68-02-1004 TASK ORDER #2
(Emissions in Tons per Year)

Plant ID*	Name	Address	Particulate	SO ₂	NO _x	HC	CO
0039-04	So. Ca. Edison	Redondo Beach Station, P. O. Box 392	12	46	229	16	0
0039-05	So. Ca. Edison	"	20	76	384	27	0
0039-06	So. Ca. Edison	"	20	76	384	27	0
0039-07	So. Ca. Edison	"	14	52	261	18	0
0039-08	So. Ca. Edison	"	14	52	261	18	0
0039-09	So. Ca. Edison	"	15	57	284	20	0
0039-10	So. Ca. Edison	"	101	348	1,169	120	1
0039-11	So. Ca. Edison	"	100	348	1,169	118	1
0039-12	So. Ca. Edison	"	0	0	0	386	0
0040-00	BLANK	BLANK	--	--	--	--	--
0041-01	Abex Corp.	215 Roselawn Ave.; Pomona 91766	--	--	--	--	96
0042-01	Ace Foundry	8240 Marbrisa, Huntington Park	--	--	--	--	--
0043-01	Alcoa	5151 Alcoa Ave., L. A. 90058	--	--	--	--	--
0044-01	Bethlehem Steel	3300 E. Slauson Ave., Vernon	--	--	--	--	--
0045-01	N. L. Ind.	2700 Indiana St., L. A. 90023	--	527	--	--	--
0045-02	N. L. Ind.	"	--	131	--	--	358
0046-01	M. M. Aluminum	19200 S. Western, Torrance	--	--	--	--	--
0047-01	Pacific Smelting	Western & Abalone, Torrance	--	--	--	--	--
0048-01	S-G Metals Ind.	1439 W. 178th St., Gardena	--	--	--	--	--
0049-01	Soule Steel	6200 Wilmington Ave., L. A.	--	--	--	--	--
0050-01	U. S. Steel	840 Van Ness Ave., Torrance	13	164	157	--	0
0050-02	U. S. Steel	"	13	164	157	--	0
0050-03	U. S. Steel	"	13	164	157	--	0
0050-04	U. S. Steel	"	--	--	--	--	--
0051-00	BLANK	BLANK	--	--	--	--	--
0052-00	BLANK	BLANK	--	--	--	--	--
0053-01	Blacktop Materials Co.	9120 Norris Ave., L. A.	--	--	--	--	--
0054-01	Celotex Corp.	1633 N. San Pablo St., L. A.	--	--	--	--	--
0055-01	Fry Roofing Co.	1501 Tamarind Ave., Compton	--	--	--	--	--
0056-01	Ind. Asphalt Inc.	13130 L. A. St., Irwindale 91706	--	--	--	--	--
0057-01	Ind. Asphalt Inc.	16005 Foothill Blvd., Irwindale	--	--	--	--	--
0058-01	Ind. Asphalt Inc.	11447 Tuxford St., L. A. 91352	--	--	--	--	--
0059-01	Ind. Asphalt Inc.	2715 Washington Blvd., L. A.	--	--	--	--	--
0060-01	Ind. Asphalt Inc.	24702 Wilmington Ave., Carson	--	--	--	--	--

*Plant ID--Plant Number and Point Number

TABLE -1- (Continued) SUMMARY OF DATA FROM EMISSION INVENTORY SURVEY OF LOS ANGELES COUNTY
SEPTEMBER - 1973 - BOA #68-02-1004 TASK ORDER #2
(Emissions in Tons per Year)

<u>Plant ID*</u>	<u>Name</u>	<u>Address</u>	<u>Particulate</u>	<u>SO₂</u>	<u>NO_x</u>	<u>HC</u>	<u>CO</u>
0061-01	J. M. Prod. Corp.	3275 E. Slauson Ave., L. A. 90058	--	--	--	--	--
0062-01	L. A. City Asphalt Plant	2484 E. Olympic Blvd., L. A.	--	--	--	--	--
0063-01	L. A. City Asphalt Plant	12251 Sherman Way, L. A.	15	--	--	--	120
0064-01	Sully-Miller Co.	5625 Southern Ave., South Gate	--	--	--	--	--
0065-01	Vernon Asphalt	2600 Buena Vista, Irwindale	--	--	--	--	--
0066-01	Vernon Asphalt	501 Railroad Place, Inglewood	--	--	--	--	--
0067-01	Vernon Asphalt	3100 Bandini Blvd., Vernon	--	--	--	--	--
0068-01	Vernon Asphalt	354 W. Walnut Ave., Carson	--	--	--	--	--
0069-00	BLANK	BLANK	--	--	--	--	--
0070-01	American Chemical Corp.	2112 E. 223rd St., Long Beach	1	0	0	197	0
0070-02	American Chemical Corp.	" "	--	--	--	297	174
0071-01	Chevron Chem. Co.	3344 Medford St., L. A.	--	--	--	308	--
0072-01	Detrex Chem. Ind. Inc.	3027 Fruitland Ave., Vernon	--	--	--	--	--
0073-01	Dow Chemical Corp.	305 Crenshaw Blvd., Torrance	--	--	--	--	--
0074-01	Firestone Tire	2525 Firestone Blvd., South Gate	0	0	0	247	0
0074-02	Firestone Tire	" "	13	14	184	18	0
0075-01	G. L. Carbon Corp.	1420 Coil Ave., L. A. 90744	89	1,121	367	--	--
0075-02	G. L. Carbon Corp.	" "	125	1,571	514	--	--
0075-03	G. L. Carbon Corp.	" "	125	1,571	514	--	--
0075-04	G. L. Carbon Corp.	" "	125	1,571	514	--	--
0076-01	Goodrich Chem.	2104 E. 223rd St., Long Beach	--	--	--	--	--
0077-01	Good Year Tire	6701 S. Central Ave., L. A. 90001	4	2	41	7	0
0077-02	Good Year Tire	" "	1	0	8	1	0
0077-03	Good Year Tire	" "	1	1	8	1	0
0077-04	Good Year Tire	" "	3	1	24	4	0
0077-05	Good Year Tire	" "	--	--	--	436	--
0077-06	Good Year Tire	" "	--	--	--	85	--
0077-07	Good Year Tire	" "	--	--	--	566	--
0077-08	Good Year Tire	" "	--	--	--	1,228	--
0078-01	L. A. Chemical Co.	4545 Ardine St., South Gate	--	--	--	--	--
0079-01	Montrose Chem.	20201 S. Normandie, Torrance	--	--	--	--	--
0080-01	Neville Chem.	12800 E. Imperial Hwy., Santa Fe Springs	--	--	--	--	--
0081-01	Reichhold Chem.	237 Motor Ave., Azusa 91702	--	--	--	--	--
0082-01	Shell Chem.	20945 S. Wilmington Ave, Carson	--	--	--	178	--

*Plant ID--Plant Number and Point Number

TABLE -1- (Continued) SUMMARY OF DATA FROM EMISSION INVENTORY SURVEY OF LOS ANGELES COUNTY
SEPTEMBER - 1973 - BOA #68-02-1004 TASK ORDER #2
(Emissions in Tons per Year)

Plant ID*	Name	Address	Particulate	SO ₂	NO _x	HC	CO
0083-01	Stauffer Chem.	20720 S. Wilmington Ave., Carson	--	1,240	18	0	0
0083-02	Stauffer Chem.	" "	--	1,090	17	0	0
0083-03	Stauffer Chem.	" "	--	1,380	0	0	0
0084-01	Synthane-Taylor	1400 Arrow Hwy., La Verne	--	--	--	--	--
0085-01	U. S. Borax	300 Falcon St., Wilmington 90744	--	--	--	--	--
0086-01	Uniroyal Inc.	5675 Telegraph Rd., L. A.	--	--	--	345	--
0086-02	Uniroyal Inc.	" "	--	--	--	182	--
0086-03	Uniroyal Inc.	" "	6	3	61	10	0
0086-04	Uniroyal Inc.	" "	3	1	30	5	0
0087-01	Collier Carbon & Chem.	1480 W. Anaheim St., Long Beach	--	2,083	--	--	--
0088-01	Anchor Hocking	4855 E. 52nd Place, Vernon	--	--	244	--	--
0088-02	Anchor Hocking	" "	--	--	325	--	--
0088-03	Anchor Hocking	" "	--	--	432	--	--
0089-01	Ball Corp.	4000 N. Arden Drive, El Monte	--	--	385	--	--
0090-01	Brockway Glass	1331 E. Philadelphia, Pomona	--	--	167	--	--
0091-01	Glass Containers	3601 Santa Fe Ave., Vernon	26	104	57	--	--
0091-02	Glass Containers	" "	29	135	330	--	--
0092-01	Latchford Glass	7535 Maribosa Ave., L. A.	26	18	185	0	0
0092-02	Latchford Glass	" "	10	7	69	0	0
0092-03	Latchford Glass	" "	29	19	203	0	0
0092-04	Latchford Glass	" "	40	27	279	0	0
0093-01	Owens-Illinois	2923 Fruitland, Vernon 90058	30	9	166	--	--
0093-02	Owens-Illinois	" "	30	9	166	--	--
0093-03	Owens-Illinois	" "	12	48	86	--	--
0093-04	Owens-Illinois	" "	12	48	86	--	--
0093-05	Owens-Illinois	" "	16	65	116	--	--
0093-06	Owens-Illinois	" "	23	95	171	--	--
0094-01	Libbey Glass	200 Old Ranch Rd., City of Indus.	--	--	256	--	--
0094-02	Libbey Glass	" "	--	--	35	--	--
0094-03	Libbey Glass	" "	--	--	35	--	--
0094-04	Libbey Glass	" "	--	--	35	--	--
0094-05	Libbey Glass	" "	--	--	35	--	--
0094-06	Libbey Glass	" "	--	--	35	--	--
0094-07	Libbey Glass	" "	--	--	35	--	--

*Plant ID--Plant Number and Point Number

TABLE -1- (Continued) SUMMARY OF DATA FROM EMISSION INVENTORY SURVEY OF LOS ANGELES COUNTY
SEPTEMBER - 1973 - BOA #68-02-1004 TASK ORDER #2
(Emissions in Tons per Year)

<u>Plant ID*</u>	<u>Name</u>	<u>Address</u>	<u>Particulate</u>	<u>SO₂</u>	<u>NO_x</u>	<u>HC</u>	<u>CO</u>
0095-01	Thatcher Glass	25655 Springbrook, Saugus	--	--	250	--	--
0095-02	Thatcher Glass	" "	--	--	130	--	--
0095-03	Thatcher Glass	" "	--	--	420	--	--
0096-01	Baker Commodities	Berth 32, Pier D, Long Beach	--	--	--	--	--
0097-01	J & M Rendering	3848 Bandini Blvd., L. A. 90023	--	--	--	--	--
0098-01	Baker Commodities	4020 Bandini Blvd., L. A.	--	--	--	--	--
0099-01	California Milling	1861 E. 55th St., L. A. 90058	--	--	--	--	--
0100-01	King Hospital	12021 Wilmington Ave., L. A.	--	--	--	--	--
0101-01	O. H. Kruse	Monteroy & Railroad, El Monte	--	--	--	--	--
0102-01	Pacific Clay Prod.	9500 S. Norwalk, Santa Fe Springs	--	--	--	--	--
0103-01	Acme Ludlow	4327 N. Temple City Blvd., Temple	--	--	--	--	--
0104-01	Aeronca Inc.	24751 Crenshaw Blvd., Torrance	--	--	--	--	--
0105-01	American Can Co.	4815 Santa Fe Ave., L. A. 90054	--	--	--	53	--
0105-02	American Can Co.	" "	--	--	--	53	--
0105-03	American Can Co.	" "	--	--	--	53	--
0105-04	American Can Co.	" "	--	--	--	53	--
0105-05	American Can Co.	" "	--	--	--	53	--
0105-06	American Can Co.	" "	--	--	--	43	--
0105-07	American Can Co.	" "	--	--	--	43	--
0105-08	American Can Co.	" "	--	--	--	43	--
0106-01	American Can Co.	110 E. Sepulveda Blvd., Carson	--	--	--	--	--
0107-01	Avery Label	1616 S. California Ave., Monrovia	--	--	--	237	--
0107-02	Avery Label	" "	--	--	--	47	--
0107-03	Avery Label	" "	--	--	--	12	--
0107-04	Avery Label	" "	--	--	--	29	--
0107-05	Avery Label	" "	--	--	--	19	--
0107-06	Avery Label	" "	--	--	--	93	--
0108-01	Bauman/Weitz	15148 Bledsoe, Sylmar 91342	--	--	--	--	--
0109-01	Borg-Warner	2321 Abalone, Torrance 90509	--	--	--	--	--
0110-01	California Dry Cleaning	1701 N. Glendale Blvd., L. A.	--	--	--	--	--
0111-01	California Rotogravure	11041 Van Owen, L. A.	--	--	0	804	--
0111-02	California Rotogravure	" "	--	--	0	804	--
0111-03	California Rotogravure	" "	--	--	0	603	--
0111-04	California Rotogravure	" "	--	--	0	503	--

*Plant ID--Plant Number and Point Number

TABLE -1- (Continued) SUMMARY OF DATA FROM EMISSION INVENTORY SURVEY OF LOS ANGELES COUNTY
SEPTEMBER - 1973 - BOA #68-02-1004 TASK ORDER #2
(Emissions in Tons per Year)

<u>Plant ID*</u>	<u>Name</u>	<u>Address</u>	<u>Particulate</u>	<u>SO₂</u>	<u>NO_x</u>	<u>HC</u>	<u>CO</u>
0111-05	California Rotogravure	11041 VanOwen, L. A.	--	--	0	302	--
0111-06	California Rotogravure	" "	--	--	0	201	--
0111-07	California Rotogravure	" "	--	--	0	101	--
0111-08	California Rotogravure	" "	--	--	0	101	--
0111-09	California Rotogravure	" "	--	--	0	101	--
0111-10	California Rotogravure	" "	--	--	0	101	--
0111-11	California Rotogravure	" "	--	--	0	101	--
0111-12	California Rotogravure	" "	--	--	0	101	--
0111-13	California Rotogravure	" "	--	--	0	101	--
0111-14	California Rotogravure	" "	--	--	0	101	--
0111-15	California Rotogravure	" "	--	--	0	101	--
0111-16	California Rotogravure	" "	--	--	0	101	--
0111-17	California Rotogravure	" "	--	--	0	35	--
0112-01	Chase Bag Co.	4900 Corona Ave., L. A. 90058	--	--	--	13	--
0112-02	Chase Bag Co.	" "	--	--	--	32	--
0112-03	Chase Bag Co.	" "	--	--	--	37	--
0112-04	Chase Bag Co.	" "	--	--	--	48	--
0112-05	Chase Bag Co.	" "	--	--	--	30	--
0113-01	Cinch-Graphik	200 S. Turnbull, City of Indus.	--	--	--	--	--
0114-01	Continental Can	3820 Union Pacific, L. A.	--	--	--	--	--
0115-01	Continental Can	5656 Grace Place, Commerce	--	--	--	--	--
0116-01	Continental Can	8201 Woodly Ave., Van Nuys	--	--	--	--	--
0117-01	Continental Can	301 Terminal, Terminal Is.	--	--	--	--	--
0118-01	Crown Zellerbach	5900 Sheila St., L. A.	--	--	--	--	--
0119-01	Payne A. C.	855 Anaheim-Puente Rd., City of Ind.	--	--	--	240	--
0119-02	Payne A. C.	" "	--	--	--	190	--
0119-03	Payne A. C.	" "	--	--	--	60	--
0119-04	Payne A. C.	" "	--	--	--	16	--
0119-05	Payne A. C.	" "	--	--	--	59	--
0119-06	Payne A. C.	" "	--	--	--	59	--
0120-01	Douglas Aircraft	3855 Lakewood, Long Beach	--	--	--	--	--
0121-01	Douglas Aircraft	Normandie Ave., Torrance	--	--	--	--	--
0122-01	Fed. Paper Co.	6001 S. Eastern Ave., Commerce	--	--	--	95	--
0123-01	Fibreboard Corp.	4444 Pacific Blvd., Vernon	--	--	--	--	--

*Plant ID--Plant Number and Point Number

TABLE -1- (Continued) SUMMARY OF DATA FROM EMISSION INVENTORY SURVEY OF LOS ANGELES COUNTY
 SEPTEMBER - 1973 - BOA #68-02-1004 TASK ORDER #2
 (Emissions in Tons per Year)

<u>Plant ID*</u>	<u>Name</u>	<u>Address</u>	<u>Particulate</u>	<u>SO₂</u>	<u>NO_x</u>	<u>HC</u>	<u>CO</u>
0124-01	Ford Assembly	8900 E. Washington, Pico Rivera	--	--	--	71	--
0124-02	Ford Assembly	" "	--	--	--	71	--
0124-03	Ford Assembly	" "	--	--	--	92	--
0124-04	Ford Assembly	" "	--	--	--	92	--
0124-05	Ford Assembly	" "	--	--	--	83	--
0124-06	Ford Assembly	" "	--	--	--	83	--
0124-07	Ford Assembly	" "	--	--	--	59	--
0124-08	Ford Assembly	" "	--	--	--	59	--
0124-09	Ford Assembly	" "	--	--	--	14	--
0124-10	Ford Assembly	" "	--	--	--	14	--
0124-11	Ford Assembly	" "	--	--	--	29	--
0124-12	Ford Assembly	" "	--	--	--	29	--
0124-13	Ford Assembly	" "	--	--	--	29	--
0124-14	Ford Assembly	" "	--	--	--	16	--
0125-01	G. M. Assembly	2700 Tweedy Blvd., South Gate 90280	--	--	--	21	--
0125-02	G. M. Assembly	" "	--	--	--	21	--
0125-03	G. M. Assembly	" "	--	--	--	21	--
0125-04	G. M. Assembly	" "	--	--	--	21	--
0125-05	G. M. Assembly	" "	--	--	--	21	--
0125-06	G. M. Assembly	" "	--	--	--	21	--
0125-07	G. M. Assembly	" "	--	--	--	21	--
0125-08	G. M. Assembly	" "	--	--	--	21	--
0125-09	G. M. Assembly	" "	--	--	--	21	--
0125-10	G. M. Assembly	" "	--	--	--	21	--
0125-11	G. M. Assembly	" "	--	--	--	21	--
0125-12	G. M. Assembly	" "	--	--	--	21	--
0125-13	G. M. Assembly	" "	--	--	--	21	--
0125-14	G. M. Assembly	" "	--	--	--	58	--
0125-15	G. M. Assembly	" "	--	--	--	58	--
0125-16	G. M. Assembly	" "	--	--	--	58	--
0125-17	G. M. Assembly	" "	--	--	--	58	--
0125-18	G. M. Assembly	" "	--	--	--	58	--
0125-19	G. M. Assembly	" "	--	--	--	58	--
0125-20	G. M. Assembly	" "	--	--	--	58	--

*Plant ID--Plant Number and Point Number

TABLE -1- (Continued) SUMMARY OF DATA FROM EMISSION INVENTORY SURVEY OF LOS ANGELES COUNTY
 SEPTEMBER - 1973 - BOA #68-02-1004 TASK ORDER #2
 (Emissions in Tons per Year)

<u>Plant ID*</u>	<u>Name</u>	<u>Address</u>	<u>Particulate</u>	<u>SO₂</u>	<u>NO_x</u>	<u>HC</u>	<u>CO</u>
0125-21	G. M. Assembly	2700 Tweedy Blvd., South Gate 90280	--	--	--	58	--
0125-22	G. M. Assembly	" "	--	--	--	58	--
0125-23	G. M. Assembly	" "	--	--	--	58	--
0125-24	G. M. Assembly	" "	--	--	--	58	--
0125-25	G. M. Assembly	" "	--	--	--	58	--
0125-26	G. M. Assembly	" "	--	--	--	58	--
0125-27	G. M. Assembly	" "	--	--	--	58	--
0125-28	G. M. Assembly	" "	--	--	--	52	--
0125-29	G. M. Assembly	" "	--	--	--	52	--
0125-30	G. M. Assembly	" "	--	--	--	11	--
0125-31	G. M. Assembly	" "	--	--	--	11	--
0125-32	G. M. Assembly	" "	--	--	--	104	--
0125-33	G. M. Assembly	" "	--	--	--	104	--
0125-34	G. M. Assembly	" "	--	--	--	104	--
0125-35	G. M. Assembly	" "	--	--	--	104	--
0125-36	G. M. Assembly	" "	--	--	--	104	--
0125-37	G. M. Assembly	" "	--	--	--	104	--
0125-38	G. M. Assembly	" "	--	--	--	104	--
0125-39	G. M. Assembly	" "	--	--	--	104	--
0125-40	G. M. Assembly	" "	--	--	--	104	--
0125-41	G. M. Assembly	" "	--	--	--	104	--
0125-42	G. M. Assembly	" "	--	--	--	104	--
0125-43	G. M. Assembly	" "	--	--	--	104	--
0125-44	G. M. Assembly	" "	--	--	--	83	--
0125-45	G. M. Assembly	" "	--	--	--	14	--
0125-46	G. M. Assembly	" "	--	--	--	105	--
0125-47	G. M. Assembly	" "	--	--	--	14	--
0126-01	G. M. Assembly	8000 Van Nuys Blvd., Van Nuys	--	--	--	1,468	--
0126-02	G. M. Assembly	" "	--	--	--	620	--
0126-03	G. M. Assembly	" "	--	--	--	612	--
0126-04	G. M. Assembly	" "	--	--	--	146	--
0127-01	Gillespie Furniture	5700 Avalon Blvd., L. A.	--	--	--	--	--
0128-01	Gravure West	4900 E. 50th St., Vernon 90058	--	--	--	--	--
0129-01	Honeywell, Inc.	17300 S. Western Ave., Gardena 90247	--	--	--	--	--

*Plant ID--Plant Number and Point Number

TABLE -1- (Continued) SUMMARY OF DATA FROM EMISSION INVENTORY SURVEY OF LOS ANGELES COUNTY
SEPTEMBER - 1973 - BOA #68-02-1004 TASK ORDER #2
(Emissions in Tons per Year)

<u>Plant ID*</u>	<u>Name</u>	<u>Address</u>	<u>Particulate</u>	<u>SO₂</u>	<u>NO_x</u>	<u>HC</u>	<u>CO</u>
0130-01	Inland Ryerson	6466 Gayhart, Commerce	--	--	--	35	--
0130-02	Inland Ryerson	" "	--	--	--	54	--
0130-03	Inland Ryerson	" "	--	--	--	4	--
0130-04	Inland Ryerson	" "	--	--	--	41	--
0130-05	Inland Ryerson	" "	--	--	--	18	--
0131-01	Lockheed Electronics	6201 E. Randolph, L. A.	--	--	--	--	--
0132-01	Lockheed-California Co.	2555 N. Hollywood Way, Burbank	--	--	--	259	--
0133-01	Mattel	5150 Rosecrans Ave., Hawthorne 90250	--	--	--	--	--
0134-01	Douglas Astro	3000 Ocean Park, Santa Monica	--	--	--	--	--
0135-01	Modine	12252 E. Whittier Blvd., Whittier 90602	3	--	--	129	--
0136-01	Morris Furniture	4433 S. Alameda, L. A. 90058	--	--	--	--	--
0137-01	Nat. Fire Hose	516 E. Oaks St., Compton	--	--	--	147	--
0138-01	New Fashion Cleaners	3626 S. Western, L. A.	--	--	--	159	--
0138-02	New Fashion Cleaners	" "	--	--	--	0	--
0139-01	Norris Ind. Auto Div.	5215 S. Boyle Ave., L. A.	--	--	--	--	--
0140-01	Northrop Corp.	3901 W. Broadway, Hawthorne	--	--	--	--	--
0141-01	Potlatch Corp.	100 Erie St., Pomona 91766	--	--	--	--	--
0142-01	Prud. Overall Sup.	8144 Haskell, Van Nuys	--	--	--	--	--
0143-01	Reynolds Metals	500 Crenshaw Blvd., Torrance	--	--	--	--	--
0144-01	Robertshaw Controls	100 W. Victoria St., Long Beach	--	--	--	--	--
0145-01	Rockwell Int.	1700 E. Imperial Hwy., El Segundo	--	--	--	--	--
0146-01	Salsbury Ind.	1010 E. 62nd St., L. A. 90001	--	--	--	--	--
0147-01	Sandberg Furn.	5705 Alcoa, Vernon 90058	--	--	--	--	--
0148-01	Stanley Mfg.	17120 S. Main St., Gardena 90247	--	--	--	--	--
0149-01	Tee-Pak	15905 Canary Ave., La Mirada 90638	--	--	--	--	--
0150-01	Albert Van Luit	4000 Chevy Chase Dr., L. A.	--	--	--	--	--
0151-01	Bauman/Weitz	13152 Saticoy, N. Hollywood	--	--	--	--	--
0152-01	Bauman/Weitz	11151 VanOwen, N. Hollywood	--	--	--	--	--

*Plant ID--Plant Number and Point Number

TABLE 2. EMISSIONS ESTIMATES - (TONS/DAY)
POINT SOURCES IN LOS ANGELES COUNTY

	L.A. Co. APCD PROFILE - 1971	L.A. Co. APCD MAJOR POINT SOURCES - APR 1973	PES-OMB FORM SURVEY - POINT SOURCES 100 T/YR
Reactive	130	15	-
Total	645	-	132
NO _x	230	159	182
PARTICULATE	45	23	25
SO ₂	210	247	276
CO	10	6.3	2.4

TECHNICAL REPORT DATA <i>(Please read Instructions on the reverse before completing)</i>		
1. REPORT NO. EPA-450/3-74-018	2.	3. RECIPIENT'S ACCESSION NO.
4. TITLE AND SUBTITLE Point Source Emission Inventory for Los Angeles County		5. REPORT DATE 2-1-74
		6. PERFORMING ORGANIZATION CODE
7. AUTHOR(S) Robert J. Bryan		8. PERFORMING ORGANIZATION REPORT NO.
9. PERFORMING ORGANIZATION NAME AND ADDRESS Pacific Environmental Services, Inc. 2932 Wilshire Boulevard Santa Monica, California 90403		10. PROGRAM ELEMENT NO. 2A4136
		11. CONTRACT/GRANT NO. 68-02-1004
12. SPONSORING AGENCY NAME AND ADDRESS Environmental Protection Agency Research Triangle Park, North Carolina 27711		13. TYPE OF REPORT AND PERIOD COVERED Final Report
		14. SPONSORING AGENCY CODE
15. SUPPLEMENTARY NOTES		
16. ABSTRACT The results of the emissions inventory for the County of Los Angeles are presented. A survey was made to determine the emissions of air pollutants from point sources which discharge to the atmosphere more than one hundred (100) tons per year of either particulate matter, sulfur dioxide, hydrocarbons, carbon monoxide, or nitrogen oxides. The emission data were assembled in a suitable format for use in completing the National Emissions Data Systems (NEDS) forms which were encoded and submitted in computer readout form at the completion of this work.		
17. KEY WORDS AND DOCUMENT ANALYSIS		
a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Emissions Pollutants NEDS SCC Point Sources Inventory		
18. DISTRIBUTION STATEMENT Release Unlimited	19. SECURITY CLASS (This Report) Unclassified	21. NO. OF PAGES 24
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