

Appendix G

Air Quality CALINE4 and EMFAC2007 Modeling Results for the East-West Connector Project

Air Quality Appendix

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California Environmental Protection Agency

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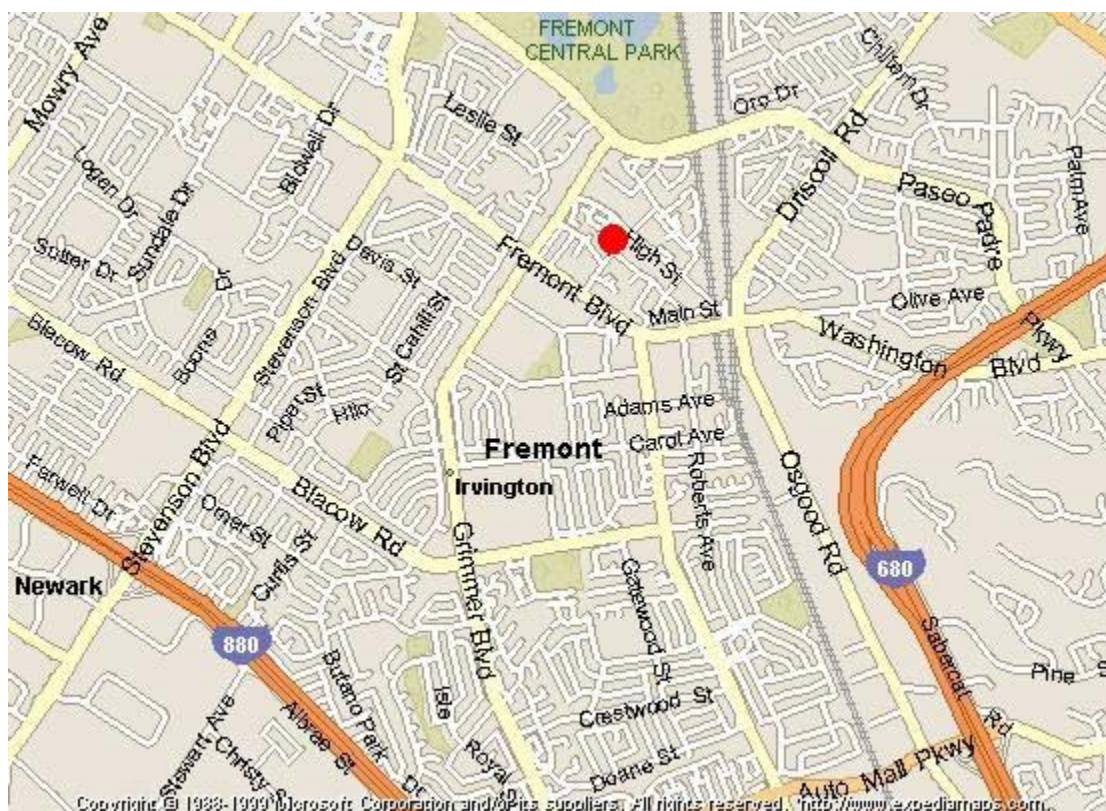
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Quality Assurance Site Information for Fremont-Chapel Way

This page updated May 15, 2008



AIRS Number	ARB Number	Site Start Date	Reporting Agency and Agency Code
060011001	60336	8/1/70	Bay Area AQMD (004)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
40733 Chapel Way, Fremont CA 94538	Alameda	San Francisco Bay Area	37° 32' 9"	121° 57' 43"	11

Pollutants Monitored (click on parameter link for real-time data)
CO , NO₂ , CH₄ , O₃ , Total Hydrocarbons , PM ₁₀ , PM _{2.5} , Toxics, Cr ⁶⁺

Site Photos	Photo Sequences	Site Surveys
--Select Photos--	--Select Position And Direction--	--Select Survey--

Other ARB Database Information	Aerial Photos and Topo Maps Of Site
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--Select Database--

--Select External Map--

[Site Information Menu Top Page](#) [Quality Assurance Programs](#) [Search QA Site Information Database](#)

For real-time air quality data visit: [Air Quality and Meteorological Information System \(AQMIS\)](#)

For further information contact:

[Merrin Wright](#), Manager
Quality Assurance Section

A department of the California Environmental Protection Agency

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Year:	2005		2006		2007	
	Date	Measurement	Date	Measurement	Date	Measurement
First High:	Jul 23	0.105	Jun 22	0.102	Apr 28	0.079
Second High:	Sep 30	0.081	Sep 12	0.099	May 7	0.077
Third High:	Jul 24	0.074	Aug 9	0.098	Sep 26	0.074
Fourth High:	Aug 26	0.066	May 14	0.097	Jun 14	0.067
# Days Above State Standard:		1		4		0
California Designation Value:		0.10		0.09		0.09
Expected Peak Day Conc.:		0.095		0.094		0.087
# Days Above Nat'l Standard:		0		0		0
National Design Value:		0.099		0.098		0.098
Year Coverage:		99		97		93
	Go Backward One Year		New Top 4 Summary		Go Forward One Year	

Notes: All concentrations are expressed in parts per million.The national 1-hour ozone standard was revoked in June 2005 and is no longer in effect. Statistics related to the revoked standard are shown in *italics* or *italics*.State exceedances are shown in **yellow**. Exceedances of the revoked national 1-hour standard are shown in *orange*.

An exceedance is not necessarily a violation.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period.

* There was insufficient (or no) data available to determine the value.

Switch:	8-Hour Ozone	PM10	PM2.5	Carbon Monoxide	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide
Go to:	Data Statistics Home Page			Top 4 Summaries Start Page			

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Year:	2005		2006		2007	
	Date	8-Hr Average	Date	8-Hr Average	Date	8-Hr Average
National:						
First High:	Jul 23	0.078	Jun 22	0.074	May 7	0.068
Second High:	Jul 24	0.058	May 14	0.073	Apr 28	0.065
Third High:	Mar 13	0.054	Aug 9	0.073	Sep 26	0.057
Fourth High:	Mar 12	0.051	Jul 22	0.069	May 6	0.055
California:						
First High:	Jul 23	0.079	May 14	0.074	May 7	0.068
Second High:	Jul 24	0.058	Jun 22	0.074	Apr 28	0.066
Third High:	Mar 13	0.054	Aug 9	0.073	Sep 26	0.057
Fourth High:	Mar 12	0.052	Jul 22	0.070	May 6	0.055
National:						
# Days Above Nat'l 1997 Std.:		0		0		0
Nat'l 1997 Std. Design Value:		0.060		0.060		0.058
National Year Coverage:		99		98		95
California:						
# Days Above State Standard:		1		3		0
California Designation Value:		0.067		0.067		0.066
Expected Peak Day Conc.:		0.068		0.066		0.065
California Year Coverage:		99		97		93
		Go Backward One Year	New Top 4 Summary		Go Forward One Year	

Notes: All averages are expressed in parts per million.National exceedances are shown in **orange**. State exceedances are shown in **yellow**.

An exceedance is not necessarily a violation.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period.

* There was insufficient (or no) data available to determine the value.

Switch:	Hourly Ozone	PM10	PM2.5	Carbon Monoxide	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide
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Year:	2005		2006		2007	
	Date	Measurement	Date	Measurement	Date	Measurement
National:						
First High:	Nov 24	1.96	Jan 25	1.81	Jan 24	1.57
Second High:	Nov 22	1.96	Dec 7	1.78	Jan 19	1.56
Third High:	Dec 7	1.66	Jan 10	1.70	Jan 25	1.50
Fourth High:	Nov 21	1.63	Dec 25	1.63	Nov 27	1.43
California:						
First High:	Nov 23	1.96	Jan 25	1.81	Jan 24	1.57
Second High:	Nov 22	1.96	Dec 7	1.78	Jan 19	1.56
Third High:	Dec 7	1.66	Jan 10	1.70	Nov 27	1.43
Fourth High:	Nov 21	1.63	Dec 25	1.63	Nov 26	1.35
# Days Above Nat'l Standard:		0		0		0
# Days Above State Standard:		0		0		0
Year Coverage:		96		97		96
	Go Backward One Year		New Top 4 Summary		Go Forward One Year	

Notes: All averages are expressed in parts per million.State exceedances are shown in **yellow**. National exceedances are shown in **orange**.

An exceedance is not necessarily a violation.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period.

* There was insufficient (or no) data available to determine the value.

Switch:	Hourly Ozone	8-Hour Ozone	PM10	PM2.5	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide
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Year:	2005		2006		2007	
	Date	Measurement	Date	Measurement	Date	Measurement
First High:	Oct 13	0.069	Oct 27	0.063	Oct 23	0.058
Second High:	Nov 22	0.063	Oct 28	0.062	Jan 24	0.057
Third High:	Sep 30	0.061	Dec 7	0.055	Nov 27	0.053
Fourth High:	Nov 21	0.058	Oct 21	0.053	Nov 26	0.052
# Days Above State Standard:	0		0		0	
Annual Average:	0.015		0.015		0.014	
Year Coverage:	99		97		99	
		Go Backward One Year	New Top 4 Summary		Go Forward One Year	

Notes: All concentrations are expressed in parts per million.State exceedances are shown in **yellow**. National exceedances are shown in **orange**.

An exceedance is not necessarily a violation.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* There was insufficient (or no) data available to determine the value.

Switch:	Hourly Ozone	8-Hour Ozone	PM10	PM2.5	Carbon Monoxide	Sulfur Dioxide	Hydrogen Sulfide
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Air Resources Board

iADAM

Highest 4 Daily PM10 Measurements

Fremont-Chapel Way

FAQs

Year:	2005		2006		2007	
	Date	Measurement	Date	Measurement	Date	Measurement
National:						
First High:	Nov 22	51.7	Dec 7	54.0	Jan 24	57.5
Second High:	Nov 24	33.1	Oct 26	40.6	Nov 26	47.4
Third High:	Oct 13	32.6	May 11	39.6	Feb 5	44.8
Fourth High:	Sep 1	28.5	Dec 25	37.7	Jul 5	39.4
California:						
First High:	Nov 22	54.1	Dec 7	56.6	Jan 24	60.6
Second High:	Nov 24	34.7	Oct 26	41.5	Nov 26	49.7
Third High:	Oct 13	33.3	May 11	40.4	Feb 5	46.8
Fourth High:	Sep 1	29.1	Dec 25	39.6	Jul 5	39.5
Measured:						
# Days Above Nat'l Standard:		0		0		0
# Days Above State Standard:		1		1		1
Estimated:						
3-Yr Avg # Days Above Nat'l Std:		0.0		0.0		0.0
# Days Above Nat'l Standard:		0.0		0.0		0.0
# Days Above State Standard:		5.8		4.4		6.0
State 3-Yr Maximum Average:		19		20		20
State Annual Average:		17.8		20.0		19.6
National 3-Year Average:		18		18		19
National Annual Average:		17.2		19.6		19.0
Year Coverage:		100		100		100
		Go Backward One Year			New Top 4 Summary	Go Forward One Year

Notes: All concentrations are expressed in micrograms per cubic meter.

The national annual average PM10 standard was revoked in December 2006 and is no longer in effect.

Statistics related to the revoked standard are shown in *italics* or *italics*.

State exceedances are shown in **yellow**. National exceedances are shown in **orange**.

An exceedance is not necessarily a violation.

Statistics may include data that are related to an [exceptional event](#).

State and national statistics may differ for the following reasons:

State statistics are based on California approved samplers, whereas national statistics are based on samplers using federal reference or equivalent methods.

State and national statistics may therefore be based on different samplers.

State statistics for 1998 and later are based on *local* conditions (except for sites in the South Coast Air Basin, where State statistics for 2002 and later are based on *local* conditions).

National statistics are based on *standard* conditions.

State criteria for ensuring that data are sufficiently complete for calculating valid annual averages are more stringent than the national criteria.

Measurements are usually collected every six days. Measured days counts the days that a measurement was greater than the level of the standard; Estimated days mathematically estimates how many days concentrations would have been greater than the level of the standard had each day been monitored.

3-Year statistics represent the listed year and the 2 years before the listed year.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* There was insufficient (or no) data available to determine the value.

Switch:	Hourly Ozone	8-Hour Ozone	PM2.5	Carbon Monoxide	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide
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Year:	2005		2006		2007	
	Date	Measurement	Date	Measurement	Date	Measurement
National:						
First High:	Jan 31	33.4	Dec 25	43.9	Jan 24	51.2
Second High:	Nov 21	30.9	Dec 7	39.7	Feb 5	43.3
Third High:	Dec 15	27.6	Feb 11	30.4	Nov 26	33.3
Fourth High:	Nov 24	23.8	Feb 10	28.1	Jan 27	28.7
California:						
First High:	Jan 31	33.4	Dec 25	43.9	Jan 24	51.2
Second High:	Nov 21	30.9	Dec 7	39.7	Feb 5	43.3
Third High:	Dec 15	27.6	Feb 11	30.4	Nov 26	33.3
Fourth High:	Nov 24	23.8	Feb 10	28.1	Jan 27	28.7
Est Days > Nat'l '97 24-Hr Std:		0.0		*		0.0
Measured Days > Nat'l '97 24-Hr Std:		0		0		0
Nat'l '97 24-Hour Std Design Value:		28		*		*
Nat'l '97 24-Hr Std 98th Percentile:		27.6		*		33.3
National Annual Std Design Value:		9.0		*		*
National Annual Average:		9.0		*		8.7
State Ann'l Std Designation Value:		9		9		9
State Annual Average:		9.0		*		8.7
Year Coverage:		98		98		100
Go Backward One Year		New Top 4 Summary		Go Forward One Year		

Notes: All concentrations are expressed in micrograms per cubic meter.State exceedances are shown in **yellow**. National exceedances are shown in **orange**.

An exceedance is not necessarily a violation.

State and national statistics may differ for the following reasons:

State statistics are based on California approved samplers, whereas national statistics are based on samplers using federal reference or equivalent methods.

State and national statistics may therefore be based on different samplers.

State criteria for ensuring that data are sufficiently complete for calculating valid annual averages are more stringent than the national criteria.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* There was insufficient data available throughout the year to determine the value.

Switch:	Hourly Ozone	8-Hour Ozone	PM10	Carbon Monoxide	Nitrogen Dioxide	Sulfur Dioxide	Hydrogen Sulfide
Go to:	Data Statistics Home Page			Top 4 Summaries Start Page			

Road Construction Emissions Model, Version 6.3

Emission Estimates for -> Package 1 Construction										
Project Phases (English Units)	ROG (lbs/day)	CO (lbs/day)	NOx (lbs/day)	Total PM10 (lbs/day)	Exhaust PM10 (lbs/day)	Fugitive Dust PM10 (lbs/day)	Total PM2.5 (lbs/day)	Exhaust PM2.5 (lbs/day)	Fugitive Dust PM2.5 (lbs/day)	CO2 (lbs/day)
Grubbing/Land Clearing	5.4	21.2	37.8	21.8	1.8	20.0	5.8	1.7	4.2	3,500.6
Grading/Excavation	6.0	23.3	40.9	22.2	2.2	20.0	6.2	2.1	4.2	3,966.4
Drainage/Utilities/Sub-Grade	5.1	18.7	32.7	21.9	1.9	20.0	5.9	1.7	4.2	3,271.7
Paving	3.5	11.6	16.1	1.4	1.4	-	1.3	1.3	-	1,539.0
Maximum (pounds/day)	6.0	23.3	40.9	22.2	2.2	20.0	6.2	2.1	4.2	3,966.4
Total (tons/construction project)	1.0	3.9	6.9	3.8	0.4	3.4	12.5	0.7	0.7	674.1
Notes:Project Start Year ->2011Project Length (months) ->18Total Project Area (acres) ->25Maximum Area Disturbed/Day (acres) ->2Total Soil Imported/Exported (yd³/day)->0 PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified. Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns H and I. Total PM2.5 emissions shown in Column J are the sum of exhaust and fugitive dust emissions shown in columns K and L.										
Emission Estimates for -> Package 1 Construction										
Project Phases (Metric Units)	ROG (kgs/day)	CO (kgs/day)	NOx (kgs/day)	Total PM10 (kgs/day)	Exhaust PM10 (kgs/day)	Fugitive Dust PM10 (kgs/day)	Total PM2.5 (kgs/day)	Exhaust PM2.5 (kgs/day)	Fugitive Dust PM2.5 (kgs/day)	CO2 (kgs/day)
Grubbing/Land Clearing	2.4	9.6	17.2	9.9	0.8	9.1	2.6	0.8	1.9	1,591.2
Grading/Excavation	2.7	10.6	18.6	10.1	1.0	9.1	2.8	0.9	1.9	1,802.9
Drainage/Utilities/Sub-Grade	2.3	8.5	14.8	9.9	0.8	9.1	2.7	0.8	1.9	1,487.1
Paving	1.6	5.3	7.3	0.7	0.7	-	0.6	0.6	-	699.5
Maximum (kilograms/day)	2.7	10.6	18.6	10.1	1.0	9.1	2.8	0.9	1.9	1,802.9
Total (megagrams/construction project)	1.0	3.6	6.2	3.4	0.4	3.1	11.3	0.6	0.6	611.5
Notes:Project Start Year ->2011Project Length (months) ->18Total Project Area (hectares) ->10Maximum Area Disturbed/Day (hectares) ->1Total Soil Imported/Exported (meters³/day)->0 PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified. Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns H and I. Total PM2.5 emissions shown in Column J are the sum of exhaust and fugitive dust emissions shown in columns K and L.										

Road Construction Emissions Model

Version 6.3

Data Entry Worksheet

Note: Required data input sections have a yellow background.

Optional data input sections have a blue background. Only areas with a

yellow or blue background can be modified. Program defaults have a white background.

The user is required to enter information in cells C10 through C25.

**Input Type**

Project Name	Package 1 Construction	
Construction Start Year	2011	Enter a Year between 2005 and 2025 (inclusive)
Project Type	2	1 New Road Construction 2 Road Widening 3 Bridge/Overpass Construction
Project Construction Time	18	months
Predominant Soil/Site Type: Enter 1, 2, or 3	2	1. Sand Gravel 2. Weathered Rock-Earth 3. Blasted Rock
Project Length	1.7	miles
Total Project Area	25	acres
Maximum Area Disturbed/Day	2	acres
Water Trucks Used?	1	1. Yes 2. No
Soil Imported	0	yd ³ /day
Soil Exported	0	yd ³ /day
Average Truck Capacity	14	yd ³ (assume 20 if unknown)

To begin a new project, click this button to clear data previously entered. This button will only work if you opted not to disable macros when loading this spreadsheet.

Construction Periods		User Override of Construction Months	Program Calculated Months
Grubbing/Land Clearing			1.80
Grading/Excavation			8.10
Drainage/Utilities/Sub-Grade			5.40
Paving			2.70
Totals		0.00	18.00

Soil Hauling Emissions	
User Override of	
Soil Hauling Defaults	
Default Values	
User Input	
Miles/round trip	30
Round trips/day	0
Vehicle miles traveled/day (calculated)	0

Hauling Emissions	ROG	NOx	CO	PM10	PM2.5	CO2
Emission rate (grams/mile)	1.02	13.03	6.99	0.49	0.43	1861.89
Emission rate (grams/trip)	11.39	8.02	196.83	0.02	0.01	217.22
Pounds per day	0.0	0.0	0.0	0.0	0.0	0.0
Tons per construction period	0.00	0.00	0.00	0.00	0.00	0.00

User Override of Worker						
Worker Commute Emissions		Commute Default Values	Default Values			
Miles/ one-way trip						20
One-way trips/day						2
No. of employees: Grubbing/Land Clearing						1
No. of employees: Grading/Excavation						3
No. of employees: Drainage/Utilities/Sub-Grade						3
No. of employees: Paving						4
	ROG	NOx	CO	PM10	PM2.5	CO2
Emission rate - Grubbing/Land Clearing (grams/mile)	0.149	0.263	2.686	0.034	0.019	426.620
Emission rate - Grading/Excavation (grams/mile)	0.149	0.263	2.686	0.034	0.019	426.620
Emission rate - Draining/Utilities/Sub-Grade (gr/mile)	0.139	0.246	2.528	0.033	0.018	426.632
Emission rate - Paving (grams/mile)	0.132	0.235	2.427	0.033	0.018	426.640
Emission rate - Grubbing/Land Clearing (grams/trip)	0.878	0.372	8.574	0.130	0.012	191.860
Emission rate - Grading/Excavation (grams/trip)	0.878	0.372	8.574	0.130	0.012	191.860
Emission rate - Draining/Utilities/Sub-Grade (gr/trip)	0.836	0.354	8.172	0.130	0.012	192.117
Emission rate - Paving (grams/trip)	0.809	0.343	7.916	0.130	0.012	192.280
Pounds per day - Grubbing/Land Clearing	0.026	0.033	0.390	0.005	0.002	49.098
Tons per const. Period - Grub/Land Clear	0.001	0.001	0.008	0.000	0.000	0.972
Pounds per day - Grading/Excavation	0.026	0.033	0.390	0.005	0.002	49.098
Tons per const. Period - Grading/Excavation	0.002	0.003	0.035	0.000	0.000	4.375
Pounds per day - Drainage/Utilities/Sub-Grade	0.024	0.031	0.368	0.005	0.002	49.102
Tons per const. Period - Drain/Util/Sub-Grade	0.001	0.002	0.022	0.000	0.000	2.917
Pounds per day - Paving	0.053	0.030	0.354	0.005	0.002	143.078
Tons per const. Period - Paving	0.002	0.001	0.011	0.000	0.000	4.249
tons per construction period	0.006	0.006	0.075	0.001	0.000	12.513

Water Truck Emissions		User Override of Default # Water Trucks	Program Estimate of Number of Water Trucks	User Override of Truck Miles Traveled/Day	Default Values Miles Traveled/Day		
Grubbing/Land Clearing - Exhaust			1			40	
Grading/Excavation - Exhaust			1			40	
Drainage/Utilities/Subgrade			1			40	
	ROG		NOx	CO	PM10	PM2.5	CO2
Emission rate - Grubbing/Land Clearing (grams/mile)	1.02		13.03	6.99	0.49	0.43	1861.89
Emission rate - Grading/Excavation (grams/mile)	1.02		13.03	6.99	0.49	0.43	1861.89
Emission rate - Draining/Utilities/Sub-Grade (gr/mile)	0.96		12.15	6.51	0.46	0.40	1865.99
Pounds per day - Grubbing/Land Clearing	0.09		1.15	0.62	0.04	0.04	164.04
Tons per const. Period - Grub/Land Clear	0.01		0.10	0.05	0.00	0.00	14.62
Pound per day - Grading/Excavation	0.09		1.15	0.62	0.04	0.04	164.04
Tons per const. Period - Grading/Excavation	0.01		0.10	0.05	0.00	0.00	14.62
Pound per day - Drainage/Utilities/Subgrade	0.08		1.07	0.57	0.04	0.03	164.40
Tons per const. Period - Drainage/Utilities/Subgrade	0.01		0.06	0.03	0.00	0.00	9.77

Fugitive Dust	User Override of Max	Default	PM10		PM2.5	
	Acreage Disturbed/Day	Maximum Acreage/Day	pounds/day	tons/per period	pounds/day	tons/per period
Fugitive Dust - Grubbing/Land Clearing		2	20.0	0.4	4.2	0.1
Fugitive Dust - Grading/Excavation		2	20.0	1.8	4.2	0.4
Fugitive Dust - Drainage/Utilities/Subgrade		2	20.0	1.2	4.2	0.2

Off-Road Equipment Emissions								
Grubbing/Land Clearing		Default						
Override of Default Number of Vehicles		Number of Vehicles	ROG	CO	NOx	PM10	PM2.5	CO2
	Program-estimate	Type	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
		Cranes	0.00	0.00	0.00	0.00	0.00	0.00
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Excavators	0.00	0.00	0.00	0.00	0.00	0.00
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
		Graders	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Pavers	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Plate Compactors	0.00	0.00	0.00	0.00	0.00	0.00
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
		Rollers	0.00	0.00	0.00	0.00	0.00	0.00
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
	1	Rubber Tired Dozers	1.70	8.16	15.07	0.64	0.59	1245.79
		Rubber Tired Loaders	0.00	0.00	0.00	0.00	0.00	0.00
	1	Scrapers	1.84	7.65	17.29	0.70	0.64	1623.76
	3	Signal Boards	1.72	4.42	4.26	0.42	0.39	417.89
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
		Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Grubbing/Land Clearing	pounds per day	5.3	20.2	36.6	1.8	1.6	3287.4
	Grubbing/Land Clearing	tons per phase	0.1	0.4	0.7	0.0	0.0	65.1

Default								
Grading/Excavation	Number of Vehicles		ROG	CO	NOx	PM10	PM2.5	CO2
Override of Default Number of Vehicles	Program-estimate	Type	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
	0	Cranes	0.00	0.00	0.00	0.00	0.00	0.00
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	1	Excavators	0.72	3.27	5.44	0.32	0.30	547.36
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
	1	Graders	0.91	3.87	7.08	0.41	0.38	647.87
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
	0	Other Construction Equipment	0.09	0.39	0.62	0.05	0.05	57.56
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Pavers	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Plate Compactors	0.00	0.00	0.00	0.00	0.00	0.00
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
		Rollers	0.00	0.00	0.00	0.00	0.00	0.00
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
	1	Rubber Tired Loaders	0.64	2.73	4.98	0.29	0.26	458.86
	1	Scrapers	1.84	7.65	17.29	0.70	0.64	1623.76
	3	Signal Boards	1.72	4.42	4.26	0.42	0.39	417.89
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
		Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Grading/Excavation	pounds per day	5.9	22.3	39.7	2.2	2.0	3753.3
	Grading	tons per phase	0.5	2.0	3.5	0.2	0.2	334.4

Drainage/Utilities/Subgrade	Default Number of Vehicles Override of Default Number of Vehicles		ROG	CO	NOx	PM10	PM2.5	CO2
			pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
		Cranes	0.00	0.00	0.00	0.00	0.00	0.00
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Excavators	0.00	0.00	0.00	0.00	0.00	0.00
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
		1 Graders	0.85	3.86	6.57	0.38	0.35	647.87
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Pavers	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		1 Plate Compactors	0.02	0.09	0.11	0.00	0.00	14.83
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
		Rollers	0.00	0.00	0.00	0.00	0.00	0.00
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		1 Scrapers	1.74	6.98	16.03	0.64	0.59	1623.76
		3 Signal Boards	1.57	4.25	4.17	0.39	0.36	417.89
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
		Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00
		1 Trenchers	0.77	2.60	4.68	0.40	0.37	353.84
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Drainage	pounds per day	5.0	17.8	31.6	1.8	1.7	3058.2
	Drainage	tons per phase	0.3	1.1	1.9	0.1	0.1	181.7

Default								
Paving	Number of Vehicles		ROG	CO	NOx	PM10	PM2.5	CO2
Override of Default Number of Vehicles	Program-estimate	Type	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
		Cranes	0.00	0.00	0.00	0.00	0.00	0.00
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Excavators	0.00	0.00	0.00	0.00	0.00	0.00
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
		Graders	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	1	Pavers	0.82	2.85	4.91	0.43	0.40	386.18
	1	Paving Equipment	0.62	2.14	3.70	0.33	0.30	291.96
		Plate Compactors	0.00	0.00	0.00	0.00	0.00	0.00
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
	1	Rollers	0.54	2.08	3.37	0.29	0.27	299.86
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Scrapers	0.00	0.00	0.00	0.00	0.00	0.00
	3	Signal Boards	1.47	4.14	4.12	0.37	0.34	417.89
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
		Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Paving	pounds per day	3.4	11.2	16.1	1.4	1.3	1395.9
	Paving	tons per phase	0.1	0.3	0.5	0.0	0.0	41.5
Total Emissions all Phases (tons per construction period) =>			1.0	3.8	6.6	0.4	0.4	622.6

Equipment		Default Values Horsepower		Default Values Load Factor		Default Values Hours/day
Aerial Lifts		60		0.46		8
Air Compressors		106		0.48		8
Bore/Drill Rigs		291		0.75		8
Cement and Mortar Mixers		10		0.56		8
Concrete/Industrial Saws		19		0.73		8
Cranes		399		0.43		8
Crushing/Proc. Equipment		142		0.78		8
Excavators		168		0.57		8
Forklifts		145		0.30		8
Generator Sets		549		0.74		8
Graders		174		0.61		8
Off-Highway Tractors		267		0.65		8
Off-Highway Trucks		479		0.57		8
Other Construction Equipment		75		0.62		8
Other General Industrial Equipment		238		0.51		8
Other Material Handling Equipment		191		0.59		8
Pavers		100		0.62		8
Paving Equipment		104		0.53		8
Plate Compactors		8		0.43		8
Pressure Washers		1		0.60		8
Pumps		53		0.74		8
Rollers		95		0.56		8
Rough Terrain Forklifts		93		0.60		8
Rubber Tired Dozers		357		0.59		8
Rubber Tired Loaders		157		0.54		8
Scrapers		313		0.72		8
Signal Boards		20		0.78		8
Skid Steer Loaders		44		0.55		8
Surfacing Equipment		362		0.45		8
Sweepers/Scrubbers		91		0.68		8
Tractors/Loaders/Backhoes		108		0.55		8
Trenchers		63		0.75		8
Welders		45		0.45		8

Columns			
Horsepower	Load Factor	Hours/Day	(LxMxN)
60	0.46	8.0	222.6
106	0.48	8.0	405.8
291	0.75	8.0	1747.2
10	0.56	8.0	46.2
19	0.73	8.0	108.7
399	0.43	8.0	1372.9
142	0.78	8.0	888.2
168	0.57	8.0	766.5
145	0.3	8.0	347.0
549	0.74	8.0	3251.3
174	0.61	8.0	847.7
267	0.65	8.0	1388.3
479	0.57	8.0	2184.0
75	0.62	8.0	370.5
238	0.51	8.0	971.3
191	0.59	8.0	900.8
100	0.62	8.0	497.2
104	0.53	8.0	439.7
8	0.43	8.0	27.5
1	0.6	8.0	4.4
53	0.74	8.0	316.5
95	0.56	8.0	427.4
93	0.6	8.0	448.4
357	0.59	8.0	1685.3
157	0.54	8.0	678.2
313	0.72	8.0	1800.0
20	0.78	8.0	125.8
44	0.55	8.0	193.0
362	0.45	8.0	1302.8
91	0.68	8.0	495.8
108	0.55	8.0	475.1
63	0.75	8.0	376.6
45	0.45	8.0	163.6

Road Construction Emissions Model, Version 6.3

Emission Estimates for -> Package 2 Construction										
Project Phases (English Units)	ROG (lbs/day)	CO (lbs/day)	NOx (lbs/day)	Total PM10 (lbs/day)	Exhaust PM10 (lbs/day)	Fugitive Dust PM10 (lbs/day)	Total PM2.5 (lbs/day)	Exhaust PM2.5 (lbs/day)	Fugitive Dust PM2.5 (lbs/day)	CO2 (lbs/day)
Grubbing/Land Clearing	4.4	18.6	35.3	11.6	1.6	10.0	3.5	1.4	2.1	3,254.8
Grading/Excavation	6.3	35.4	47.7	12.3	2.3	10.0	4.2	2.1	2.1	5,109.4
Drainage/Utilities/Sub-Grade	4.0	15.7	28.8	11.6	1.6	10.0	3.5	1.4	2.1	3,026.1
Paving	2.6	9.1	13.7	1.2	1.2	-	1.1	1.1	-	1,293.2
Maximum (pounds/day)	6.3	35.4	47.7	12.3	2.3	10.0	4.2	2.1	2.1	5,109.4
Total (tons/construction project)	1.3	5.7	10.1	2.7	0.5	2.2	6.2	0.5	0.5	830.6
Notes: Project Start Year -> 2011 Project Length (months) -> 24 Total Project Area (acres) -> 8 Maximum Area Disturbed/Day (acres) -> 1 Total Soil Imported/Exported (yd ³ /day)-> 160 PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified. Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns H and I. Total PM2.5 emissions shown in Column J are the sum of exhaust and fugitive dust emissions shown in columns K and L.										
Emission Estimates for -> Package 2 Construction										
Project Phases (Metric Units)	ROG (kgs/day)	CO (kgs/day)	NOx (kgs/day)	Total PM10 (kgs/day)	Exhaust PM10 (kgs/day)	Fugitive Dust PM10 (kgs/day)	Total PM2.5 (kgs/day)	Exhaust PM2.5 (kgs/day)	Fugitive Dust PM2.5 (kgs/day)	CO2 (kgs/day)
Grubbing/Land Clearing	2.0	8.5	16.0	5.3	0.7	4.5	1.6	0.7	0.9	1,479.4
Grading/Excavation	2.8	16.1	21.7	5.6	1.0	4.5	1.9	1.0	0.9	2,322.5
Drainage/Utilities/Sub-Grade	1.8	7.1	13.1	5.3	0.7	4.5	1.6	0.6	0.9	1,375.5
Paving	1.2	4.2	6.2	0.6	0.6	-	0.5	0.5	-	587.8
Maximum (kilograms/day)	2.8	16.1	21.7	5.6	1.0	4.5	1.9	1.0	0.9	2,322.5
Total (megagrams/construction project)	1.2	5.2	9.1	2.5	0.4	2.0	5.7	0.4	0.4	753.3
Notes: Project Start Year -> 2011 Project Length (months) -> 24 Total Project Area (hectares) -> 3 Maximum Area Disturbed/Day (hectares) -> 0 Total Soil Imported/Exported (meters ³ /day)-> 122 PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified. Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns H and I. Total PM2.5 emissions shown in Column J are the sum of exhaust and fugitive dust emissions shown in columns K and L.										

Road Construction Emissions Model

Version 6.3

Data Entry Worksheet

Note: Required data input sections have a yellow background.

Optional data input sections have a blue background. Only areas with a

yellow or blue background can be modified. Program defaults have a white background.

The user is required to enter information in cells C10 through C25.

**Input Type**

Project Name	Package 2 Construction	
Construction Start Year	2011	Enter a Year between 2005 and 2025 (inclusive)
Project Type	1	1 New Road Construction 2 Road Widening 3 Bridge/Overpass Construction
Project Construction Time	24	months
Predominant Soil/Site Type: Enter 1, 2, or 3	2	1. Sand Gravel 2. Weathered Rock-Earth 3. Blasted Rock
Project Length	0.7	miles
Total Project Area	8	acres
Maximum Area Disturbed/Day	1	acres
Water Trucks Used?	1	1. Yes 2. No
Soil Imported	0	yd ³ /day
Soil Exported	160	yd ³ /day
Average Truck Capacity	14	yd ³ (assume 20 if unknown)

To begin a new project, click this button to clear data previously entered. This button will only work if you opted not to disable macros when loading this spreadsheet.

Construction Periods		User Override of Construction Months	Program Calculated Months
Grubbing/Land Clearing			2.40
Grading/Excavation			10.80
Drainage/Utilities/Sub-Grade			7.20
Paving			3.60
Totals		0.00	24.00

Soil Hauling Emissions

User Override of

User Input

Soil Hauling Defaults

Default Values

Miles/round trip

30

Round trips/day

11

Vehicle miles traveled/day (calculated)

342.8571429

Hauling Emissions	ROG	NOx	CO	PM10	PM2.5	CO2
Emission rate (grams/mile)	1.01	12.87	6.90	0.48	0.42	1862.64
Emission rate (grams/trip)	11.34	7.99	195.56	0.02	0.01	216.31
Pounds per day	1.3	10.1	15.1	0.4	0.3	1417.5
Tons per contruction period	0.16	1.20	1.79	0.04	0.04	168.40

User Override of Worker						
Worker Commute Emissions		Commute Default Values	Default Values			
Miles/ one-way trip						20
One-way trips/day						2
No. of employees: Grubbing/Land Clearing						1
No. of employees: Grading/Excavation						3
No. of employees: Drainage/Utilities/Sub-Grade						3
No. of employees: Paving						4
	ROG	NOx	CO	PM10	PM2.5	CO2
Emission rate - Grubbing/Land Clearing (grams/mile)	0.149	0.263	2.686	0.034	0.019	426.620
Emission rate - Grading/Excavation (grams/mile)	0.147	0.260	2.657	0.034	0.019	426.622
Emission rate - Draining/Utilities/Sub-Grade (gr/mile)	0.132	0.235	2.427	0.033	0.018	426.640
Emission rate - Paving (grams/mile)	0.132	0.235	2.427	0.033	0.018	426.640
Emission rate - Grubbing/Land Clearing (grams/trip)	0.878	0.372	8.574	0.130	0.012	191.860
Emission rate - Grading/Excavation (grams/trip)	0.870	0.369	8.501	0.130	0.012	191.907
Emission rate - Draining/Utilities/Sub-Grade (gr/trip)	0.809	0.343	7.916	0.130	0.012	192.280
Emission rate - Paving (grams/trip)	0.809	0.343	7.916	0.130	0.012	192.280
Pounds per day - Grubbing/Land Clearing	0.026	0.033	0.390	0.005	0.002	49.098
Tons per const. Period - Grub/Land Clear	0.001	0.001	0.010	0.000	0.000	1.296
Pounds per day - Grading/Excavation	0.026	0.033	0.386	0.005	0.002	49.098
Tons per const. Period - Grading/Excavation	0.003	0.004	0.046	0.001	0.000	5.833
Pounds per day - Drainage/Utilities/Sub-Grade	0.023	0.030	0.354	0.005	0.002	49.104
Tons per const. Period - Drain/Util/Sub-Grade	0.002	0.002	0.028	0.000	0.000	3.889
Pounds per day - Paving	0.053	0.030	0.354	0.005	0.002	143.078
Tons per const. Period - Paving	0.002	0.001	0.014	0.000	0.000	5.666
tons per construction period	0.008	0.008	0.098	0.001	0.001	16.684

Water Truck Emissions		User Override of Default # Water Trucks	Program Estimate of Number of Water Trucks	User Override of Truck Miles Traveled/Day	Default Values Miles Traveled/Day	
Grubbing/Land Clearing - Exhaust			1			40
Grading/Excavation - Exhaust			1			40
Drainage/Utilities/Subgrade			1			40
	ROG	NOx	CO	PM10	PM2.5	CO2
Emission rate - Grubbing/Land Clearing (grams/mile)	1.02	13.03	6.99	0.49	0.43	1861.89
Emission rate - Grading/Excavation (grams/mile)	1.01	12.87	6.90	0.48	0.42	1862.64
Emission rate - Draining/Utilities/Sub-Grade (gr/mile)	0.92	11.59	6.20	0.45	0.38	1868.60
Pounds per day - Grubbing/Land Clearing	0.09	1.15	0.62	0.04	0.04	164.04
Tons per const. Period - Grub/Land Clear	0.01	0.14	0.07	0.01	0.00	19.49
Pound per day - Grading/Excavation	0.09	1.13	0.61	0.04	0.04	164.11
Tons per const. Period - Grading/Excavation	0.01	0.13	0.07	0.01	0.00	19.50
Pound per day - Drainage/Utilities/Subgrade	0.08	1.02	0.55	0.04	0.03	164.63
Tons per const. Period - Drainage/Utilities/Subgrade	0.01	0.08	0.04	0.00	0.00	13.04

Fugitive Dust	User Override of Max	Default	PM10		PM2.5	
	Acreage Disturbed/Day	Maximum Acreage/Day	pounds/day	tons/per period	pounds/day	tons/per period
Fugitive Dust - Grubbing/Land Clearing		1	10.0	0.3	2.1	0.1
Fugitive Dust - Grading/Excavation		1	10.0	1.2	2.1	0.2
Fugitive Dust - Drainage/Utilities/Subgrade		1	10.0	0.8	2.1	0.2

Off-Road Equipment Emissions								
Grubbing/Land Clearing	Default							
	Number of Vehicles		ROG	CO	NOx	PM10	PM2.5	CO2
	Override of Default Number of Vehicles	Program-estimate	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Type						
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
		Cranes	0.00	0.00	0.00	0.00	0.00	0.00
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Excavators	0.00	0.00	0.00	0.00	0.00	0.00
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
		Graders	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Pavers	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Plate Compactors	0.00	0.00	0.00	0.00	0.00	0.00
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
		Rollers	0.00	0.00	0.00	0.00	0.00	0.00
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
	1	Rubber Tired Dozers	1.70	8.16	15.07	0.64	0.59	1245.79
		Rubber Tired Loaders	0.00	0.00	0.00	0.00	0.00	0.00
	1	Scrapers	1.84	7.65	17.29	0.70	0.64	1623.76
	1	Signal Boards	0.71	1.82	1.75	0.17	0.16	172.07
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
		Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Grubbing/Land Clearing	pounds per day	4.3	17.6	34.1	1.5	1.4	3041.6
	Grubbing/Land Clearing	tons per phase	0.1	0.5	0.9	0.0	0.0	80.3

Default								
Grading/Excavation	Number of Vehicles		ROG	CO	NOx	PM10	PM2.5	CO2
Override of Default Number of Vehicles	Program-estimate	Type	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
	0	Cranes	0.00	0.00	0.00	0.00	0.00	0.00
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	1	Excavators	0.71	3.27	5.36	0.32	0.29	547.36
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
	1	Graders	0.90	3.87	6.99	0.40	0.37	647.87
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
	0	Other Construction Equipment	0.05	0.19	0.30	0.03	0.02	28.78
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Pavers	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Plate Compactors	0.00	0.00	0.00	0.00	0.00	0.00
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
		Rollers	0.00	0.00	0.00	0.00	0.00	0.00
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
	1	Rubber Tired Loaders	0.63	2.73	4.91	0.28	0.26	458.86
	1	Scrapers	1.82	7.52	17.06	0.69	0.63	1623.76
	1	Signal Boards	0.70	1.81	1.75	0.17	0.16	172.07
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
		Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Grading/Excavation	pounds per day	4.8	19.4	36.4	1.9	1.7	3478.7
	Grading	tons per phase	0.6	2.3	4.3	0.2	0.2	413.3

Drainage/Utilities/Subgrade	Default Number of Vehicles Override of Default Number of Vehicles		ROG	CO	NOx	PM10	PM2.5	CO2
			pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
		Cranes	0.00	0.00	0.00	0.00	0.00	0.00
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Excavators	0.00	0.00	0.00	0.00	0.00	0.00
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
		1 Graders	0.81	3.85	6.25	0.36	0.33	647.87
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Pavers	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		1 Plate Compactors	0.02	0.09	0.11	0.00	0.00	14.83
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
		Rollers	0.00	0.00	0.00	0.00	0.00	0.00
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		1 Scrapers	1.68	6.55	15.24	0.60	0.55	1623.76
		1 Signal Boards	0.61	1.71	1.69	0.15	0.14	172.07
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
		Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00
		1 Trenchers	0.74	2.58	4.50	0.39	0.36	353.84
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Drainage	pounds per day	3.9	14.8	27.8	1.5	1.4	2812.4
	Drainage	tons per phase	0.3	1.2	2.2	0.1	0.1	222.7

Default								
Paving	Number of Vehicles		ROG	CO	NOx	PM10	PM2.5	CO2
Override of Default Number of Vehicles	Program-estimate	Type	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
		Cranes	0.00	0.00	0.00	0.00	0.00	0.00
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Excavators	0.00	0.00	0.00	0.00	0.00	0.00
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
		Graders	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	1	Pavers	0.82	2.85	4.91	0.43	0.40	386.18
	1	Paving Equipment	0.62	2.14	3.70	0.33	0.30	291.96
		Plate Compactors	0.00	0.00	0.00	0.00	0.00	0.00
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
	1	Rollers	0.54	2.08	3.37	0.29	0.27	299.86
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Scrapers	0.00	0.00	0.00	0.00	0.00	0.00
	1	Signal Boards	0.61	1.71	1.69	0.15	0.14	172.07
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
		Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Paving	pounds per day	2.6	8.8	13.7	1.2	1.1	1150.1
	Paving	tons per phase	0.1	0.3	0.5	0.0	0.0	45.5
Total Emissions all Phases (tons per construction period) =>			1.1	4.3	8.0	0.4	0.4	761.9

Equipment		Default Values Horsepower		Default Values Load Factor		Default Values Hours/day
Aerial Lifts		60		0.46		8
Air Compressors		106		0.48		8
Bore/Drill Rigs		291		0.75		8
Cement and Mortar Mixers		10		0.56		8
Concrete/Industrial Saws		19		0.73		8
Cranes		399		0.43		8
Crushing/Proc. Equipment		142		0.78		8
Excavators		168		0.57		8
Forklifts		145		0.30		8
Generator Sets		549		0.74		8
Graders		174		0.61		8
Off-Highway Tractors		267		0.65		8
Off-Highway Trucks		479		0.57		8
Other Construction Equipment		75		0.62		8
Other General Industrial Equipment		238		0.51		8
Other Material Handling Equipment		191		0.59		8
Pavers		100		0.62		8
Paving Equipment		104		0.53		8
Plate Compactors		8		0.43		8
Pressure Washers		1		0.60		8
Pumps		53		0.74		8
Rollers		95		0.56		8
Rough Terrain Forklifts		93		0.60		8
Rubber Tired Dozers		357		0.59		8
Rubber Tired Loaders		157		0.54		8
Scrapers		313		0.72		8
Signal Boards		20		0.78		8
Skid Steer Loaders		44		0.55		8
Surfacing Equipment		362		0.45		8
Sweepers/Scrubbers		91		0.68		8
Tractors/Loaders/Backhoes		108		0.55		8
Trenchers		63		0.75		8
Welders		45		0.45		8

Columns			
Horsepower	Load Factor	Hours/Day	(LxMxN)
60	0.46	8.0	222.6
106	0.48	8.0	405.8
291	0.75	8.0	1747.2
10	0.56	8.0	46.2
19	0.73	8.0	108.7
399	0.43	8.0	1372.9
142	0.78	8.0	888.2
168	0.57	8.0	766.5
145	0.3	8.0	347.0
549	0.74	8.0	3251.3
174	0.61	8.0	847.7
267	0.65	8.0	1388.3
479	0.57	8.0	2184.0
75	0.62	8.0	370.5
238	0.51	8.0	971.3
191	0.59	8.0	900.8
100	0.62	8.0	497.2
104	0.53	8.0	439.7
8	0.43	8.0	27.5
1	0.6	8.0	4.4
53	0.74	8.0	316.5
95	0.56	8.0	427.4
93	0.6	8.0	448.4
357	0.59	8.0	1685.3
157	0.54	8.0	678.2
313	0.72	8.0	1800.0
20	0.78	8.0	125.8
44	0.55	8.0	193.0
362	0.45	8.0	1302.8
91	0.68	8.0	495.8
108	0.55	8.0	475.1
63	0.75	8.0	376.6
45	0.45	8.0	163.6

Road Construction Emissions Model, Version 6.3

Emission Estimates for -> Package 2 Bridge Construction										
Project Phases (English Units)	ROG (lbs/day)	CO (lbs/day)	NOx (lbs/day)	Total PM10 (lbs/day)	Exhaust PM10 (lbs/day)	Fugitive Dust PM10 (lbs/day)	Total PM2.5 (lbs/day)	Exhaust PM2.5 (lbs/day)	Fugitive Dust PM2.5 (lbs/day)	CO2 (lbs/day)
Grubbing/Land Clearing	3.8	17.1	33.8	2.4	1.4	1.0	1.5	1.3	0.2	3,107.3
Grading/Excavation	5.2	23.4	44.8	3.1	2.1	1.0	2.2	1.9	0.2	4,435.2
Drainage/Utilities/Sub-Grade	3.4	14.2	27.4	2.4	1.4	1.0	1.5	1.3	0.2	2,878.6
Paving	2.1	7.7	12.2	1.1	1.1	-	1.0	1.0	-	1,145.7
Maximum (pounds/day)	5.2	23.4	44.8	3.1	2.1	1.0	2.2	1.9	0.2	4,435.2
Total (tons/construction project)	1.1	4.4	8.8	0.7	0.4	0.2	0.6	0.0	0.0	856.0
Notes: Project Start Year -> 2011 Project Length (months) -> 24 Total Project Area (acres) -> 0 Maximum Area Disturbed/Day (acres) -> 0 Total Soil Imported/Exported (yd ³ /day)-> 20 PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified. Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns H and I. Total PM2.5 emissions shown in Column J are the sum of exhaust and fugitive dust emissions shown in columns K and L.										
Emission Estimates for -> Package 2 Bridge Construction										
Project Phases (Metric Units)	ROG (kgs/day)	CO (kgs/day)	NOx (kgs/day)	Total PM10 (kgs/day)	Exhaust PM10 (kgs/day)	Fugitive Dust PM10 (kgs/day)	Total PM2.5 (kgs/day)	Exhaust PM2.5 (kgs/day)	Fugitive Dust PM2.5 (kgs/day)	CO2 (kgs/day)
Grubbing/Land Clearing	1.7	7.8	15.4	1.1	0.6	0.5	0.7	0.6	0.1	1,412.4
Grading/Excavation	2.4	10.6	20.4	1.4	1.0	0.5	1.0	0.9	0.1	2,016.0
Drainage/Utilities/Sub-Grade	1.6	6.5	12.4	1.1	0.6	0.5	0.7	0.6	0.1	1,308.5
Paving	1.0	3.5	5.6	0.5	0.5	-	0.5	0.5	-	520.8
Maximum (kilograms/day)	2.4	10.6	20.4	1.4	1.0	0.5	1.0	0.9	0.1	2,016.0
Total (megagrams/construction project)	1.0	4.0	8.0	0.6	0.4	0.2	0.6	0.0	0.0	776.4
Notes: Project Start Year -> 2011 Project Length (months) -> 24 Total Project Area (hectares) -> 0 Maximum Area Disturbed/Day (hectares) -> 0 Total Soil Imported/Exported (meters ³ /day)-> 15 PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified. Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns H and I. Total PM2.5 emissions shown in Column J are the sum of exhaust and fugitive dust emissions shown in columns K and L.										

Road Construction Emissions Model

Version 6.3

Data Entry Worksheet

Note: Required data input sections have a yellow background.

Optional data input sections have a blue background. Only areas with a

yellow or blue background can be modified. Program defaults have a white background.

The user is required to enter information in cells C10 through C25.

**Input Type**

Project Name	Package 2 Bridge Construction	
Construction Start Year	2011	Enter a Year between 2005 and 2025 (inclusive)
Project Type	3	1 New Road Construction 2 Road Widening 3 Bridge/Overpass Construction
Project Construction Time	24	months
Predominant Soil/Site Type: Enter 1, 2, or 3	1	1. Sand Gravel 2. Weathered Rock-Earth 3. Blasted Rock
Project Length	0.1	miles
Total Project Area	0	acres
Maximum Area Disturbed/Day	0	acres
Water Trucks Used?	1	1. Yes 2. No
Soil Imported	0	yd ³ /day
Soil Exported	20	yd ³ /day
Average Truck Capacity	14	yd ³ (assume 20 if unknown)

To begin a new project, click this button to clear data previously entered. This button will only work if you opted not to disable macros when loading this spreadsheet.

Construction Periods		User Override of Construction Months	Program Calculated Months
Grubbing/Land Clearing			2.40
Grading/Excavation			9.60
Drainage/Utilities/Sub-Grade			8.40
Paving			3.60
Totals		0.00	24.00

Soil Hauling Emissions	
User Input	User Override of Soil Hauling Defaults Default Values
Miles/round trip	30
Round trips/day	1
Vehicle miles traveled/day (calculated)	42.85714286

Hauling Emissions	ROG	NOx	CO	PM10	PM2.5	CO2
Emission rate (grams/mile)	1.02	13.03	6.99	0.49	0.43	1861.89
Emission rate (grams/trip)	11.39	8.02	196.83	0.02	0.01	217.22
Pounds per day	0.2	1.3	1.9	0.0	0.0	177.1
Tons per construction period	0.02	0.14	0.20	0.00	0.00	18.70

User Override of Worker						
Worker Commute Emissions		Commute Default Values	Default Values			
Miles/ one-way trip						20
One-way trips/day						2
No. of employees: Grubbing/Land Clearing						1
No. of employees: Grading/Excavation						4
No. of employees: Drainage/Utilities/Sub-Grade						3
No. of employees: Paving						4
	ROG	NOx	CO	PM10	PM2.5	CO2
Emission rate - Grubbing/Land Clearing (grams/mile)	0.149	0.263	2.686	0.034	0.019	426.620
Emission rate - Grading/Excavation (grams/mile)	0.149	0.263	2.686	0.034	0.019	426.620
Emission rate - Draining/Utilities/Sub-Grade (gr/mile)	0.132	0.235	2.427	0.033	0.018	426.640
Emission rate - Paving (grams/mile)	0.132	0.235	2.427	0.033	0.018	426.640
Emission rate - Grubbing/Land Clearing (grams/trip)	0.878	0.372	8.574	0.130	0.012	191.860
Emission rate - Grading/Excavation (grams/trip)	0.878	0.372	8.574	0.130	0.012	191.860
Emission rate - Draining/Utilities/Sub-Grade (gr/trip)	0.809	0.343	7.916	0.130	0.012	192.280
Emission rate - Paving (grams/trip)	0.809	0.343	7.916	0.130	0.012	192.280
Pounds per day - Grubbing/Land Clearing	0.026	0.033	0.390	0.005	0.002	49.098
Tons per const. Period - Grub/Land Clear	0.001	0.001	0.010	0.000	0.000	1.296
Pounds per day - Grading/Excavation	0.026	0.033	0.390	0.005	0.002	49.098
Tons per const. Period - Grading/Excavation	0.003	0.003	0.041	0.001	0.000	5.185
Pounds per day - Drainage/Utilities/Sub-Grade	0.023	0.030	0.354	0.005	0.002	49.104
Tons per const. Period - Drain/Util/Sub-Grade	0.002	0.003	0.033	0.000	0.000	4.537
Pounds per day - Paving	0.053	0.030	0.354	0.005	0.002	143.078
Tons per const. Period - Paving	0.002	0.001	0.014	0.000	0.000	5.666
tons per construction period	0.008	0.008	0.098	0.001	0.001	16.684

Water Truck Emissions		User Override of Default # Water Trucks	Program Estimate of Number of Water Trucks	User Override of Truck Miles Traveled/Day	Default Values Miles Traveled/Day		
Grubbing/Land Clearing - Exhaust			1			40	
Grading/Excavation - Exhaust			1			40	
Drainage/Utilities/Subgrade			1			40	
	ROG		NOx	CO	PM10	PM2.5	CO2
Emission rate - Grubbing/Land Clearing (grams/mile)	1.02		13.03	6.99	0.49	0.43	1861.89
Emission rate - Grading/Excavation (grams/mile)	1.02		13.03	6.99	0.49	0.43	1861.89
Emission rate - Draining/Utilities/Sub-Grade (gr/mile)	0.92		11.59	6.20	0.45	0.38	1868.60
Pounds per day - Grubbing/Land Clearing	0.09		1.15	0.62	0.04	0.04	164.04
Tons per const. Period - Grub/Land Clear	0.01		0.12	0.07	0.00	0.00	17.32
Pound per day - Grading/Excavation	0.09		1.15	0.62	0.04	0.04	164.04
Tons per const. Period - Grading/Excavation	0.01		0.12	0.07	0.00	0.00	17.32
Pound per day - Drainage/Utilities/Subgrade	0.08		1.02	0.55	0.04	0.03	164.63
Tons per const. Period - Drainage/Utilities/Subgrade	0.01		0.09	0.05	0.00	0.00	15.21

Fugitive Dust	User Override of Max	Default	PM10		PM2.5	
	Acreage Disturbed/Day	Maximum Acreage/Day	pounds/day	tons/per period	pounds/day	tons/per period
Fugitive Dust - Grubbing/Land Clearing		0.1	1.0	0.0	0.2	0.0
Fugitive Dust - Grading/Excavation		0.1	1.0	0.1	0.2	0.0
Fugitive Dust - Drainage/Utilities/Subgrade		0.1	1.0	0.1	0.2	0.0

Off-Road Equipment Emissions								
Grubbing/Land Clearing	Default							
	Number of Vehicles		ROG	CO	NOx	PM10	PM2.5	CO2
Override of Default Number of Vehicles	Program-estimate	Type	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
		Cranes	0.00	0.00	0.00	0.00	0.00	0.00
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Excavators	0.00	0.00	0.00	0.00	0.00	0.00
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
		Graders	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Pavers	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Plate Compactors	0.00	0.00	0.00	0.00	0.00	0.00
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
		Rollers	0.00	0.00	0.00	0.00	0.00	0.00
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
	1	Rubber Tired Dozers	1.70	8.16	15.07	0.64	0.59	1245.79
		Rubber Tired Loaders	0.00	0.00	0.00	0.00	0.00	0.00
	1	Scrapers	1.84	7.65	17.29	0.70	0.64	1623.76
	0	Signal Boards	0.10	0.26	0.25	0.02	0.02	24.58
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
		Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Grubbing/Land Clearing	pounds per day	3.6	16.1	32.6	1.4	1.3	2894.1
	Grubbing/Land Clearing	tons per phase	0.1	0.4	0.9	0.0	0.0	76.4

Default								
Grading/Excavation	Number of Vehicles		ROG	CO	NOx	PM10	PM2.5	CO2
Override of Default Number of Vehicles	Program-estimate	Type	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
	1	Cranes	0.75	2.71	7.28	0.28	0.26	739.64
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	1	Excavators	0.72	3.27	5.44	0.32	0.30	547.36
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
	1	Graders	0.91	3.87	7.08	0.41	0.38	647.87
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
	0	Other Construction Equipment	0.00	0.02	0.03	0.00	0.00	2.88
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Pavers	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Plate Compactors	0.00	0.00	0.00	0.00	0.00	0.00
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
		Rollers	0.00	0.00	0.00	0.00	0.00	0.00
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
	1	Rubber Tired Loaders	0.64	2.73	4.98	0.29	0.26	458.86
	1	Scrapers	1.84	7.65	17.29	0.70	0.64	1623.76
	0	Signal Boards	0.10	0.26	0.25	0.02	0.02	24.58
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
		Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Grading/Excavation	pounds per day	5.0	20.5	42.4	2.0	1.9	4045.0
	Grading	tons per phase	0.5	2.2	4.5	0.2	0.2	427.1

Drainage/Utilities/Subgrade	Default Number of Vehicles Override of Default Number of Vehicles		ROG	CO	NOx	PM10	PM2.5	CO2
			pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
		Cranes	0.00	0.00	0.00	0.00	0.00	0.00
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Excavators	0.00	0.00	0.00	0.00	0.00	0.00
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
		1 Graders	0.81	3.85	6.25	0.36	0.33	647.87
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Pavers	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		1 Plate Compactors	0.02	0.09	0.11	0.00	0.00	14.83
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
		Rollers	0.00	0.00	0.00	0.00	0.00	0.00
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		1 Scrapers	1.68	6.55	15.24	0.60	0.55	1623.76
		0 Signal Boards	0.09	0.24	0.24	0.02	0.02	24.58
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
		Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00
		1 Trenchers	0.74	2.58	4.50	0.39	0.36	353.84
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Drainage	pounds per day	3.3	13.3	26.3	1.4	1.3	2664.9
	Drainage	tons per phase	0.3	1.2	2.4	0.1	0.1	246.2

Default								
Paving	Number of Vehicles		ROG	CO	NOx	PM10	PM2.5	CO2
Override of Default Number of Vehicles	Program-estimate	Type	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
		Cranes	0.00	0.00	0.00	0.00	0.00	0.00
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Excavators	0.00	0.00	0.00	0.00	0.00	0.00
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
		Graders	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	1	Pavers	0.82	2.85	4.91	0.43	0.40	386.18
	1	Paving Equipment	0.62	2.14	3.70	0.33	0.30	291.96
		Plate Compactors	0.00	0.00	0.00	0.00	0.00	0.00
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
	1	Rollers	0.54	2.08	3.37	0.29	0.27	299.86
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Scrapers	0.00	0.00	0.00	0.00	0.00	0.00
	0	Signal Boards	0.09	0.24	0.24	0.02	0.02	24.58
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
		Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Paving	pounds per day	2.1	7.3	12.2	1.1	1.0	1002.6
	Paving	tons per phase	0.1	0.3	0.5	0.0	0.0	39.7
Total Emissions all Phases (tons per construction period) =>			1.0	4.1	8.3	0.4	0.4	789.5

RoadConstruction_package2_Bridge

Equipment		Default Values Horsepower		Default Values Load Factor		Default Values Hours/day
Aerial Lifts		60		0.46		8
Air Compressors		106		0.48		8
Bore/Drill Rigs		291		0.75		8
Cement and Mortar Mixers		10		0.56		8
Concrete/Industrial Saws		19		0.73		8
Cranes		399		0.43		8
Crushing/Proc. Equipment		142		0.78		8
Excavators		168		0.57		8
Forklifts		145		0.30		8
Generator Sets		549		0.74		8
Graders		174		0.61		8
Off-Highway Tractors		267		0.65		8
Off-Highway Trucks		479		0.57		8
Other Construction Equipment		75		0.62		8
Other General Industrial Equipment		238		0.51		8
Other Material Handling Equipment		191		0.59		8
Pavers		100		0.62		8
Paving Equipment		104		0.53		8
Plate Compactors		8		0.43		8
Pressure Washers		1		0.60		8
Pumps		53		0.74		8
Rollers		95		0.56		8
Rough Terrain Forklifts		93		0.60		8
Rubber Tired Dozers		357		0.59		8
Rubber Tired Loaders		157		0.54		8
Scrapers		313		0.72		8
Signal Boards		20		0.78		8
Skid Steer Loaders		44		0.55		8
Surfacing Equipment		362		0.45		8
Sweepers/Scrubbers		91		0.68		8
Tractors/Loaders/Backhoes		108		0.55		8
Trenchers		63		0.75		8
Welders		45		0.45		8

Columns			
Horsepower	Load Factor	Hours/Day	(LxMxN)
60	0.46	8.0	222.6
106	0.48	8.0	405.8
291	0.75	8.0	1747.2
10	0.56	8.0	46.2
19	0.73	8.0	108.7
399	0.43	8.0	1372.9
142	0.78	8.0	888.2
168	0.57	8.0	766.5
145	0.3	8.0	347.0
549	0.74	8.0	3251.3
174	0.61	8.0	847.7
267	0.65	8.0	1388.3
479	0.57	8.0	2184.0
75	0.62	8.0	370.5
238	0.51	8.0	971.3
191	0.59	8.0	900.8
100	0.62	8.0	497.2
104	0.53	8.0	439.7
8	0.43	8.0	27.5
1	0.6	8.0	4.4
53	0.74	8.0	316.5
95	0.56	8.0	427.4
93	0.6	8.0	448.4
357	0.59	8.0	1685.3
157	0.54	8.0	678.2
313	0.72	8.0	1800.0
20	0.78	8.0	125.8
44	0.55	8.0	193.0
362	0.45	8.0	1302.8
91	0.68	8.0	495.8
108	0.55	8.0	475.1
63	0.75	8.0	376.6
45	0.45	8.0	163.6

Road Construction Emissions Model, Version 6.3

Emission Estimates for -> Package 3 Construction											
Project Phases (English Units)	ROG (lbs/day)	CO (lbs/day)	NOx (lbs/day)	Total PM10 (lbs/day)	Exhaust PM10 (lbs/day)	Fugitive Dust PM10 (lbs/day)	Total PM2.5 (lbs/day)	Exhaust PM2.5 (lbs/day)	Fugitive Dust PM2.5 (lbs/day)	CO2 (lbs/day)	
Grubbing/Land Clearing	4.5	18.9	35.5	26.6	1.6	25.0	6.7	1.5	5.2	3,279.3	
Grading/Excavation	5.9	32.0	44.3	27.2	2.2	25.0	7.2	2.0	5.2	4,883.5	
Drainage/Utilities/Sub-Grade	3.9	15.5	28.0	26.5	1.5	25.0	6.6	1.4	5.2	3,051.0	
Paving	2.5	9.2	13.2	1.2	1.2	-	1.1	1.1	-	1,317.7	
Maximum (pounds/day)	5.9	32.0	44.3	27.2	2.2	25.0	7.2	2.0	5.2	4,883.5	
Total (tons/construction project)	1.8	8.1	14.2	9.1	0.7	8.4	15.6	1.8	1.8	1,263.3	
Notes: Project Start Year -> 2011 Project Length (months) -> 36 Total Project Area (acres) -> 10 Maximum Area Disturbed/Day (acres) -> 3 Total Soil Imported/Exported (yd ³ /day)-> 127											
PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.											
Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns H and I. Total PM2.5 emissions shown in Column J are the sum of exhaust and fugitive dust emissions shown in columns K and L.											
Emission Estimates for -> Package 3 Construction											
Project Phases (Metric Units)	ROG (kgs/day)	CO (kgs/day)	NOx (kgs/day)	Total PM10 (kgs/day)	Exhaust PM10 (kgs/day)	Fugitive Dust PM10 (kgs/day)	Total PM2.5 (kgs/day)	Exhaust PM2.5 (kgs/day)	Fugitive Dust PM2.5 (kgs/day)	CO2 (kgs/day)	
Grubbing/Land Clearing	2.0	8.6	16.2	12.1	0.7	11.4	3.0	0.7	2.4	1,490.6	
Grading/Excavation	2.7	14.5	20.1	12.4	1.0	11.4	3.3	0.9	2.4	2,219.8	
Drainage/Utilities/Sub-Grade	1.8	7.1	12.7	12.0	0.7	11.4	3.0	0.6	2.4	1,386.8	
Paving	1.2	4.2	6.0	0.5	0.5	-	0.5	0.5	-	599.0	
Maximum (kilograms/day)	2.7	14.5	20.1	12.4	1.0	11.4	3.3	0.9	2.4	2,219.8	
Total (megagrams/construction project)	1.7	7.4	12.9	8.3	0.6	7.6	14.1	1.6	1.6	1,145.9	
Notes: Project Start Year -> 2011 Project Length (months) -> 36 Total Project Area (hectares) -> 4 Maximum Area Disturbed/Day (hectares) -> 1 Total Soil Imported/Exported (meters ³ /day)-> 97											
PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.											
Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns H and I. Total PM2.5 emissions shown in Column J are the sum of exhaust and fugitive dust emissions shown in columns K and L.											

Equipment		Default Values Horsepower		Default Values Load Factor		Default Values Hours/day
Aerial Lifts		60		0.46		8
Air Compressors		106		0.48		8
Bore/Drill Rigs		291		0.75		8
Cement and Mortar Mixers		10		0.56		8
Concrete/Industrial Saws		19		0.73		8
Cranes		399		0.43		8
Crushing/Proc. Equipment		142		0.78		8
Excavators		168		0.57		8
Forklifts		145		0.30		8
Generator Sets		549		0.74		8
Graders		174		0.61		8
Off-Highway Tractors		267		0.65		8
Off-Highway Trucks		479		0.57		8
Other Construction Equipment		75		0.62		8
Other General Industrial Equipment		238		0.51		8
Other Material Handling Equipment		191		0.59		8
Pavers		100		0.62		8
Paving Equipment		104		0.53		8
Plate Compactors		8		0.43		8
Pressure Washers		1		0.60		8
Pumps		53		0.74		8
Rollers		95		0.56		8
Rough Terrain Forklifts		93		0.60		8
Rubber Tired Dozers		357		0.59		8
Rubber Tired Loaders		157		0.54		8
Scrapers		313		0.72		8
Signal Boards		20		0.78		8
Skid Steer Loaders		44		0.55		8
Surfacing Equipment		362		0.45		8
Sweepers/Scrubbers		91		0.68		8
Tractors/Loaders/Backhoes		108		0.55		8
Trenchers		63		0.75		8
Welders		45		0.45		8

Columns			
Horsepower	Load Factor	Hours/Day	(LxMxN)
60	0.46	8.0	222.6
106	0.48	8.0	405.8
291	0.75	8.0	1747.2
10	0.56	8.0	46.2
19	0.73	8.0	108.7
399	0.43	8.0	1372.9
142	0.78	8.0	888.2
168	0.57	8.0	766.5
145	0.3	8.0	347.0
549	0.74	8.0	3251.3
174	0.61	8.0	847.7
267	0.65	8.0	1388.3
479	0.57	8.0	2184.0
75	0.62	8.0	370.5
238	0.51	8.0	971.3
191	0.59	8.0	900.8
100	0.62	8.0	497.2
104	0.53	8.0	439.7
8	0.43	8.0	27.5
1	0.6	8.0	4.4
53	0.74	8.0	316.5
95	0.56	8.0	427.4
93	0.6	8.0	448.4
357	0.59	8.0	1685.3
157	0.54	8.0	678.2
313	0.72	8.0	1800.0
20	0.78	8.0	125.8
44	0.55	8.0	193.0
362	0.45	8.0	1302.8
91	0.68	8.0	495.8
108	0.55	8.0	475.1
63	0.75	8.0	376.6
45	0.45	8.0	163.6

Title : Alameda County Subarea Annual CYr 2008 Default Title

Version : Emfac2007 V2.3 Nov 1 2006

Run Date : 2008/09/23 16:03:46

Scen Year: 2008 -- All model years in the range 1965 to 2008 selected

Season : Annual

Area : Alameda

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006

County Average

Alameda

County Average

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Carbon Monoxide

Temperature: 60F

Relative Humidity: 50%

Speed MPH	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	ALL
3	6.849	12.61	7.175	6.327	9.705	16.271	13.684	24.392	16.753	18.295	39.875	43.672	90.349	8.87
4	6.576	12.039	6.92	6.109	9.705	16.271	13.684	24.392	16.753	18.295	39.875	43.672	90.349	8.592
5	6.322	11.512	6.681	5.905	9.705	16.271	13.684	24.392	16.753	18.295	39.875	43.672	90.349	8.333
6	6.087	11.021	6.457	5.713	8.912	14.942	12.603	22.907	15.397	16.652	38.205	40.135	82.914	7.967
7	5.867	10.567	6.248	5.533	8.202	13.752	11.63	21.514	14.18	15.193	36.679	36.964	76.259	7.627
8	5.663	10.145	6.051	5.364	7.564	12.684	10.755	20.207	13.088	13.895	35.285	34.116	70.293	7.313
9	5.472	9.755	5.866	5.205	6.991	11.724	9.965	18.98	12.105	12.737	34.012	31.555	64.936	7.021
10	5.294	9.392	5.692	5.056	6.476	10.86	9.253	17.83	11.221	11.704	32.85	29.248	60.119	6.749
11	5.127	9.054	5.528	4.914	6.012	10.082	8.609	16.752	10.423	10.78	31.792	27.168	55.782	6.497
12	4.971	8.739	5.373	4.781	5.593	9.38	8.026	15.742	9.702	9.952	30.83	25.29	51.872	6.261
13	4.824	8.445	5.227	4.655	5.215	8.746	7.497	14.798	9.051	9.21	29.956	23.592	48.342	6.042
14	4.686	8.171	5.089	4.535	4.872	8.172	7.018	13.916	8.461	8.543	29.165	22.055	45.151	5.837
15	4.556	7.915	4.958	4.422	4.563	7.652	6.583	13.094	7.927	7.943	28.451	20.662	42.264	5.646
16	4.433	7.675	4.833	4.314	4.282	7.181	6.187	12.331	7.442	7.403	27.81	19.398	39.648	5.467
17	4.318	7.45	4.716	4.212	4.027	6.754	5.827	11.624	7.002	6.916	27.237	18.25	37.277	5.3
18	4.209	7.239	4.604	4.115	3.795	6.366	5.499	10.972	6.602	6.476	26.729	17.207	35.124	5.143
19	4.106	7.042	4.497	4.023	3.585	6.013	5.2	10.356	6.238	6.078	26.283	16.258	33.168	4.996
20	4.009	6.856	4.396	3.934	3.393	5.692	4.927	9.967	5.906	5.718	25.895	15.394	31.391	4.865
21	3.917	6.682	4.3	3.851	3.219	5.4	4.678	9.596	5.604	5.393	25.564	14.608	29.773	4.742
22	3.83	6.519	4.208	3.771	3.061	5.134	4.451	9.242	5.329	5.097	25.286	13.89	28.302	4.626
23	3.747	6.365	4.121	3.694	2.916	4.892	4.243	8.905	5.078	4.829	25.062	13.236	26.962	4.516
24	3.669	6.221	4.037	3.621	2.784	4.671	4.053	8.583	4.85	4.586	24.889	12.64	25.742	4.413
25	3.595	6.085	3.958	3.552	2.664	4.469	3.879	8.276	4.641	4.366	24.766	12.097	24.632	4.316
26	3.524	5.958	3.882	3.485	2.555	4.286	3.721	7.983	4.451	4.166	24.693	11.601	23.621	4.225
27	3.458	5.838	3.81	3.422	2.456	4.119	3.576	7.704	4.278	3.984	24.669	11.149	22.702	4.138
28	3.395	5.726	3.741	3.361	2.365	3.968	3.443	7.438	4.12	3.819	24.694	10.738	21.866	4.057
29	3.335	5.621	3.676	3.303	2.283	3.83	3.323	7.184	3.976	3.67	24.769	10.364	21.108	3.981
30	3.278	5.522	3.613	3.247	2.208	3.705	3.213	6.943	3.846	3.535	24.894	10.024	20.42	3.909
31	3.225	5.43	3.553	3.194	2.141	3.591	3.113	6.713	3.728	3.413	25.07	9.716	19.799	3.842
32	3.174	5.344	3.497	3.144	2.08	3.489	3.022	6.495	3.621	3.302	25.299	9.437	19.238	3.779
33	3.127	5.264	3.443	3.096	2.025	3.397	2.939	6.289	3.524	3.203	25.58	9.186	18.735	3.72
34	3.082	5.189	3.391	3.05	1.976	3.315	2.865	6.093	3.438	3.114	25.918	8.961	18.285	3.665
35	3.039	5.12	3.342	3.006	1.932	3.241	2.799	5.908	3.361	3.034	26.313	8.76	17.885	3.614
36	2.999	5.057	3.296	2.964	1.894	3.176	2.739	5.734	3.292	2.964	26.768	8.582	17.533	3.567
37	2.962	4.998	3.252	2.925	1.86	3.119	2.686	5.57	3.232	2.902	27.287	8.425	17.225	3.524
38	2.927	4.945	3.21	2.887	1.831	3.07	2.64	5.416	3.18	2.848	27.873	8.289	16.959	3.484
39	2.895	4.897	3.171	2.852	1.806	3.028	2.599	5.273	3.135	2.801	28.53	8.172	16.735	3.448
40	2.865	4.854	3.134	2.818	1.785	2.994	2.565	5.14	3.098	2.762	29.263	8.074	16.55	3.415

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND MISSION AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	11	-450	11	-150	* AG	1411	3.9	.0	19.5
B. NA	11	-150	11	0	* AG	939	5.3	.0	22.5
C. ND	11	0	11	150	* AG	1333	4.1	.0	13.5
D. NE	11	150	11	450	* AG	1333	3.9	.0	19.5
E. SF	-11	450	-11	150	* AG	2024	3.9	.0	19.5
F. SA	-11	150	-11	0	* AG	2024	5.7	.0	18.0
G. SD	-11	0	-11	-150	* AG	1154	4.1	.0	13.5
H. SE	-11	-150	-11	-450	* AG	1154	3.9	.0	19.5
I. WF	450	2	150	2	* AG	0	3.9	.0	10.5
J. WA	150	2	0	2	* AG	0	8.9	.0	9.9
K. WD	0	0	-150	0	* AG	1591	8.9	.0	9.9
L. WE	-150	0	-450	0	* AG	1591	3.9	.0	15.0
M. EF	-450	-5	-150	-5	* AG	643	3.9	.0	15.0
N. EA	-150	-5	0	-5	* AG	249	8.9	.0	9.9
O. ED	0	-7	150	-7	* AG	0	6.3	.0	9.9
P. EE	150	-7	450	-7	* AG	0	3.9	.0	10.5
Q. NL	0	0	7	-150	* AG	472	5.3	.0	9.9
R. SL	0	0	-7	150	* AG	0	5.3	.0	9.9
S. WL	0	0	150	2	* AG	0	8.9	.0	9.9
T. EL	0	0	-150	-2	* AG	394	8.9	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	21	8	1.8
2. SE3	21	-12	1.8
3. SW3	-21	-12	1.8
4. NW3	-21	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)					
						D	E	F	G	H	
1. NE3	265.	3.3	.0	.0	.3	.0	.0	.3	.0	.0	
2. SE3	277.	2.5	.0	.3	.0	.0	.0	.0	.1	.0	
3. SW3	5.	2.8	.0	.0	.0	.2	.3	1.4	.0	.0	
4. NW3	263.	2.6	.0	.0	.0	.0	.0	.0	.0	.0	

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	1.7	.2	.1	.2	.0	.0	.0	.0	.0	.5
2. SE3	.0	.0	1.1	.1	.0	.3	.0	.0	.0	.0	.0	.4
3. SW3	.0	.0	.7	.0	.0	.1	.0	.0	.0	.0	.0	.2
4. NW3	.0	.0	1.7	.1	.0	.2	.0	.0	.0	.0	.0	.5

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND MISSION PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	11	-450	11	-150	* AG	1618	3.9	.0	19.5
B. NA	11	-150	11	0	* AG	1305	6.3	.0	22.5
C. ND	11	0	11	150	* AG	2359	5.1	.0	13.5
D. NE	11	150	11	450	* AG	2359	3.9	.0	19.5
E. SF	-11	450	-11	150	* AG	1371	3.9	.0	19.5
F. SA	-11	150	-11	0	* AG	1371	6.3	.0	18.0
G. SD	-11	0	-11	-150	* AG	2134	4.7	.0	13.5
H. SE	-11	-150	-11	-450	* AG	2134	3.9	.0	19.5
I. WF	450	2	150	2	* AG	0	3.9	.0	10.5
J. WA	150	2	0	2	* AG	0	6.8	.0	9.9
K. WD	0	0	-150	0	* AG	844	4.6	.0	9.9
L. WE	-150	0	-450	0	* AG	844	3.9	.0	15.0
M. EF	-450	-5	-150	-5	* AG	2348	3.9	.0	15.0
N. EA	-150	-5	0	-5	* AG	1294	8.3	.0	9.9
O. ED	0	-7	150	-7	* AG	0	4.4	.0	9.9
P. EE	150	-7	450	-7	* AG	0	3.9	.0	10.5
Q. NL	0	0	7	-150	* AG	313	6.0	.0	9.9
R. SL	0	0	-7	150	* AG	0	6.0	.0	9.9
S. WL	0	0	150	2	* AG	0	6.8	.0	9.9
T. EL	0	0	-150	-2	* AG	1054	8.9	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	21	8	1.8
2. SE3	21	-12	1.8
3. SW3	-21	-12	1.8
4. NW3	-21	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	264.	3.8	.0	.0	.7	.0	.0	.3	.0	.0			
2. SE3	276.	3.5	.0	.4	.0	.0	.0	.3	.0	.0			
3. SW3	6.	2.9	.0	.0	.0	.4	.1	1.1	.0	.0			
4. NW3	170.	3.0	.2	.2	.0	.0	.0	.0	1.1	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.5	.0	.2	.8	.0	.0	.0	.0	.0	1.2
2. SE3	.0	.0	.3	.0	.1	1.3	.0	.0	.0	.0	.0	.8
3. SW3	.0	.0	.2	.0	.0	.6	.0	.0	.0	.0	.0	.5
4. NW3	.0	.0	.2	.0	.0	.5	.0	.0	.0	.0	.0	.6

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 7TH AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	329	3.9	.0	10.5
B. NA	2	-150	2	0	* AG	136	8.6	.0	9.9
C. ND	2	0	2	150	* AG	128	6.0	.0	9.9
D. NE	2	150	2	450	* AG	128	3.9	.0	10.5
E. SF	-2	450	-2	150	* AG	161	3.9	.0	10.5
F. SA	-2	150	-2	0	* AG	104	8.6	.0	9.9
G. SD	-2	0	-2	-150	* AG	292	7.6	.0	9.9
H. SE	-2	-150	-2	-450	* AG	292	3.9	.0	10.5
I. WF	450	5	150	5	* AG	1566	3.9	.0	15.0
J. WA	150	5	0	5	* AG	1497	6.3	.0	9.9
K. WD	0	5	-150	5	* AG	1685	4.4	.0	9.9
L. WE	-150	5	-450	5	* AG	1685	3.9	.0	15.0
M. EF	-450	-5	-150	-5	* AG	750	3.9	.0	15.0
N. EA	-150	-5	0	-5	* AG	723	5.5	.0	9.9
O. ED	0	-5	150	-5	* AG	701	4.1	.0	9.9
P. EE	150	-5	450	-5	* AG	701	3.9	.0	15.0
Q. NL	0	0	2	-150	* AG	193	8.6	.0	9.9
R. SL	0	0	-2	150	* AG	57	8.6	.0	9.9
S. WL	0	0	150	2	* AG	69	5.3	.0	9.9
T. EL	0	0	-150	-2	* AG	27	5.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	12	1.8
2. SE3	8	-12	1.8
3. SW3	-8	-12	1.8
4. NW3	-8	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	185.	1.6	.0	.3	.0	.0	.0	.0	.3	.0			
2. SE3	276.	1.5	.0	.0	.0	.0	.0	.0	.1	.0			
3. SW3	83.	1.5	.0	.0	.0	.0	.0	.0	.2	.0			
4. NW3	96.	1.8	.0	.0	.0	.0	.0	.0	.0	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.6	.0	.0	.0	.0	.1	.0	.3	.0	.0	.0
2. SE3	.0	.0	.3	.3	.0	.6	.0	.0	.1	.0	.0	.0
3. SW3	.2	.5	.0	.0	.0	.0	.4	.0	.1	.0	.0	.0
4. NW3	.1	1.2	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 7TH PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	368	3.9	.0	10.5
B. NA	*	2	-150	2	0	*	AG	122	8.9	.0	9.9
C. ND	*	2	0	2	150	*	AG	138	6.3	.0	9.9
D. NE	*	2	150	2	450	*	AG	138	3.9	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	116	3.9	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	85	8.9	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	302	8.0	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	302	3.9	.0	10.5
I. WF	*	450	5	150	5	*	AG	868	3.9	.0	15.0
J. WA	*	150	5	0	5	*	AG	842	5.5	.0	9.9
K. WD	*	0	5	-150	5	*	AG	1089	4.2	.0	9.9
L. WE	*	-150	5	-450	5	*	AG	1089	3.9	.0	15.0
M. EF	*	-450	-5	-150	-5	*	AG	1647	3.9	.0	15.0
N. EA	*	-150	-5	0	-5	*	AG	1596	6.5	.0	9.9
O. ED	*	0	-5	150	-5	*	AG	1470	4.3	.0	9.9
P. EE	*	150	-5	450	-5	*	AG	1470	3.9	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	246	8.9	.0	9.9
R. SL	*	0	0	-2	150	*	AG	31	8.9	.0	9.9
S. WL	*	0	0	150	2	*	AG	26	5.3	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	51	5.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	12	1.8
2. SE3	*	8	-12	1.8
3. SW3	*	-8	-12	1.8
4. NW3	*	-8	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	263.	*	1.5	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	276.	*	2.2	*	.0	.0	.0	.0	.0	.0	.1	.0
3. SW3	*	276.	*	1.8	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	175.	*	1.8	*	.0	.1	.0	.0	.0	.0	.5	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.6	.0	.2	.5	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.2	.2	.1	1.3	.0	.0	.1	.0	.0	.0
3. SW3	*	.0	.0	.2	.2	.1	1.3	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.3	.0	.0	.4	.0	.0	.3	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 11TH AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES Y1	(M) X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	229	3.9	.0	10.5
B. NA	*	2	-150	2	0	*	AG	88	8.9	.0	9.9
C. ND	*	2	0	2	150	*	AG	162	7.3	.0	9.9
D. NE	*	2	150	2	450	*	AG	162	3.9	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	186	3.9	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	124	8.9	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	351	8.9	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	351	3.9	.0	10.5
I. WF	*	450	5	150	5	*	AG	1703	3.9	.0	15.0
J. WA	*	150	5	0	5	*	AG	1559	6.5	.0	9.9
K. WD	*	0	5	-150	5	*	AG	1691	4.4	.0	9.9
L. WE	*	-150	5	-450	5	*	AG	1691	3.9	.0	15.0
M. EF	*	-450	-5	-150	-5	*	AG	869	3.9	.0	15.0
N. EA	*	-150	-5	0	-5	*	AG	833	5.5	.0	9.9
O. ED	*	0	-5	150	-5	*	AG	783	4.1	.0	9.9
P. EE	*	150	-5	450	-5	*	AG	783	3.9	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	141	8.9	.0	9.9
R. SL	*	0	0	-2	150	*	AG	62	8.9	.0	9.9
S. WL	*	0	0	150	2	*	AG	144	5.3	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	36	5.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES X	(M) Y	Z
1. NE3	*	8	12	1.8
2. SE3	*	8	-12	1.8
3. SW3	*	-8	-12	1.8
4. NW3	*	-8	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	96.	*	1.8	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	276.	*	1.6	*	.0	.0	.0	.0	.0	.0	.2	.0
3. SW3	*	82.	*	1.6	*	.0	.0	.0	.0	.0	.0	.2	.0
4. NW3	*	96.	*	2.0	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.1	1.2	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0
2. SE3	*	.0	.0	.3	.3	.0	.7	.0	.0	.0	.0	.0	.0
3. SW3	*	.1	.6	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0
4. NW3	*	.1	1.3	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 11TH PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	324	3.9	.0	10.5
B. NA	*	2	-150	2	0	*	AG	118	8.9	.0	9.9
C. ND	*	2	0	2	150	*	AG	135	6.3	.0	9.9
D. NE	*	2	150	2	450	*	AG	135	3.9	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	175	3.9	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	124	8.9	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	318	8.0	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	318	3.9	.0	10.5
I. WF	*	450	5	150	5	*	AG	1016	3.9	.0	15.0
J. WA	*	150	5	0	5	*	AG	854	5.5	.0	9.9
K. WD	*	0	5	-150	5	*	AG	1132	4.2	.0	9.9
L. WE	*	-150	5	-450	5	*	AG	1132	3.9	.0	15.0
M. EF	*	-450	-5	-150	-5	*	AG	1633	3.9	.0	15.0
N. EA	*	-150	-5	0	-5	*	AG	1547	6.5	.0	9.9
O. ED	*	0	-5	150	-5	*	AG	1563	4.4	.0	9.9
P. EE	*	150	-5	450	-5	*	AG	1563	3.9	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	206	8.9	.0	9.9
R. SL	*	0	0	-2	150	*	AG	51	8.9	.0	9.9
S. WL	*	0	0	150	2	*	AG	162	5.3	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	86	5.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	12	1.8
2. SE3	*	8	-12	1.8
3. SW3	*	-8	-12	1.8
4. NW3	*	-8	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	263.	*	1.6	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	276.	*	2.2	*	.0	.0	.0	.0	.0	.0	.1	.0
3. SW3	*	84.	*	1.8	*	.0	.0	.0	.0	.0	.0	.2	.0
4. NW3	*	175.	*	1.8	*	.0	.1	.0	.0	.0	.0	.5	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.7	.0	.2	.5	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.2	.2	.1	1.3	.0	.0	.1	.0	.0	.0
3. SW3	*	.2	.2	.0	.0	.0	.0	.9	.1	.1	.0	.0	.0
4. NW3	*	.0	.0	.3	.0	.0	.4	.0	.0	.3	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND UNION AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	617	3.9	.0	15.0
B. NA	7	-150	7	0	* AG	415	8.0	.0	13.5
C. ND	7	0	7	150	* AG	229	5.0	.0	9.9
D. NE	7	150	7	450	* AG	229	3.9	.0	15.0
E. SF	-7	450	-7	150	* AG	95	3.9	.0	15.0
F. SA	-7	150	-7	0	* AG	34	8.0	.0	13.5
G. SD	-7	0	-7	-150	* AG	478	5.0	.0	9.9
H. SE	-7	-150	-7	-450	* AG	478	3.9	.0	15.0
I. WF	450	5	150	5	* AG	1648	3.9	.0	15.0
J. WA	150	5	0	5	* AG	1349	5.5	.0	13.5
K. WD	0	7	-150	7	* AG	1491	4.7	.0	9.9
L. WE	-150	7	-450	7	* AG	1491	3.9	.0	10.5
M. EF	-450	-2	-150	-2	* AG	813	3.9	.0	10.5
N. EA	-150	-2	0	-2	* AG	761	5.5	.0	9.9
O. ED	0	-7	150	-7	* AG	975	4.7	.0	9.9
P. EE	150	-7	450	-7	* AG	975	3.9	.0	10.5
Q. NL	0	0	5	-150	* AG	202	8.0	.0	9.9
R. SL	0	0	-5	150	* AG	61	8.0	.0	9.9
S. WL	0	0	150	2	* AG	299	5.5	.0	9.9
T. EL	0	0	-150	-7	* AG	52	5.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	12	1.8
2. SE3	14	-8	1.8
3. SW3	-14	-12	1.8
4. NW3	-14	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	96.	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	274.	2.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	85.	1.9	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
4. NW3	95.	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.2	1.2	.0	.0	.0	.0	.0	.2	.0	.0	.2	.0
2. SE3	.0	.0	.2	.3	.1	.7	.4	.0	.0	.0	.0	.0
3. SW3	.3	.3	.0	.0	.0	.0	.8	.0	.0	.0	.1	.0
4. NW3	.2	1.0	.4	.0	.0	.0	.1	.2	.0	.0	.2	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND UNION PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	712	3.9	.0	15.0
B. NA	7	-150	7	0	* AG	417	7.6	.0	13.5
C. ND	7	0	7	150	* AG	201	4.9	.0	9.9
D. NE	7	150	7	450	* AG	201	3.9	.0	15.0
E. SF	-7	450	-7	150	* AG	159	3.9	.0	15.0
F. SA	-7	150	-7	0	* AG	47	7.6	.0	13.5
G. SD	-7	0	-7	-150	* AG	409	4.9	.0	9.9
H. SE	-7	-150	-7	-450	* AG	409	3.9	.0	15.0
I. WF	450	5	150	5	* AG	1130	3.9	.0	15.0
J. WA	150	5	0	5	* AG	884	5.5	.0	13.5
K. WD	0	7	-150	7	* AG	1144	4.7	.0	9.9
L. WE	-150	7	-450	7	* AG	1144	3.9	.0	10.5
M. EF	-450	-2	-150	-2	* AG	1344	3.9	.0	10.5
N. EA	-150	-2	0	-2	* AG	1274	5.8	.0	9.9
O. ED	0	-7	150	-7	* AG	1591	4.7	.0	9.9
P. EE	150	-7	450	-7	* AG	1591	3.9	.0	10.5
Q. NL	0	0	5	-150	* AG	295	8.3	.0	9.9
R. SL	0	0	-5	150	* AG	112	7.6	.0	9.9
S. WL	0	0	150	2	* AG	246	5.3	.0	9.9
T. EL	0	0	-150	-7	* AG	70	5.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	12	1.8
2. SE3	14	-8	1.8
3. SW3	-14	-12	1.8
4. NW3	-14	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	265.	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	274.	2.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	86.	2.2	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
4. NW3	96.	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.1	.9	.0	.2	.4	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.2	.2	.2	1.2	.7	.0	.1	.0	.0	.0
3. SW3	.2	.1	.0	.0	.0	.0	1.2	.2	.1	.0	.0	.0
4. NW3	.0	.7	.3	.0	.0	.0	.2	.3	.0	.0	.1	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND ALVARADO AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	5	-450	5	-150	* AG	722	3.9	.0	15.0
B. NA	5	-150	5	0	* AG	667	7.3	.0	9.9
C. ND	5	0	5	150	* AG	1061	5.7	.0	9.9
D. NE	5	150	5	450	* AG	1061	3.9	.0	15.0
E. SF	-5	450	-5	150	* AG	807	3.9	.0	15.0
F. SA	-5	150	-5	0	* AG	609	7.3	.0	9.9
G. SD	-5	0	-5	-150	* AG	643	4.7	.0	9.9
H. SE	-5	-150	-5	-450	* AG	643	3.9	.0	15.0
I. WF	450	5	150	5	* AG	1550	3.9	.0	15.0
J. WA	150	5	0	5	* AG	1409	6.5	.0	9.9
K. WD	0	5	-150	5	* AG	1629	4.5	.0	9.9
L. WE	-150	5	-450	5	* AG	1629	3.9	.0	15.0
M. EF	-450	-5	-150	-5	* AG	1308	3.9	.0	15.0
N. EA	-150	-5	0	-5	* AG	854	5.8	.0	9.9
O. ED	0	-5	150	-5	* AG	1054	4.2	.0	9.9
P. EE	150	-5	450	-5	* AG	1054	3.9	.0	15.0
Q. NL	0	0	2	-150	* AG	55	7.3	.0	9.9
R. SL	0	0	-2	150	* AG	198	7.3	.0	9.9
S. WL	0	0	150	2	* AG	141	5.7	.0	9.9
T. EL	0	0	-150	-2	* AG	454	6.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	12	12	1.8
2. SE3	12	-12	1.8
3. SW3	-12	-12	1.8
4. NW3	-12	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	264.	2.3	.0	.0	.4	.0	.0	.2	.0	.0				
2. SE3	353.	2.1	.0	.0	.8	.0	.1	.3	.0	.0				
3. SW3	6.	2.1	.0	.0	.3	.2	.0	.7	.0	.0				
4. NW3	96.	2.4	.0	.0	.2	.0	.0	.3	.0	.0				

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.9	.1	.2	.2	.0	.0	.0	.0	.0	.2
2. SE3	.0	.4	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0
3. SW3	.0	.0	.3	.0	.0	.3	.0	.0	.0	.2	.0	.1
4. NW3	.1	1.2	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND ALVARADO PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	5	-450	5	-150	* AG	699	3.9	.0	15.0
B. NA	5	-150	5	0	* AG	445	7.3	.0	9.9
C. ND	5	0	5	150	* AG	972	5.7	.0	9.9
D. NE	5	150	5	450	* AG	972	3.9	.0	15.0
E. SF	-5	450	-5	150	* AG	894	3.9	.0	15.0
F. SA	-5	150	-5	0	* AG	657	7.3	.0	9.9
G. SD	-5	0	-5	-150	* AG	869	5.0	.0	9.9
H. SE	-5	-150	-5	-450	* AG	869	3.9	.0	15.0
I. WF	450	5	150	5	* AG	1186	3.9	.0	15.0
J. WA	150	5	0	5	* AG	1033	6.0	.0	9.9
K. WD	0	5	-150	5	* AG	1346	4.4	.0	9.9
L. WE	-150	5	-450	5	* AG	1346	3.9	.0	15.0
M. EF	-450	-5	-150	-5	* AG	1833	3.9	.0	15.0
N. EA	-150	-5	0	-5	* AG	1336	6.5	.0	9.9
O. ED	0	-5	150	-5	* AG	1425	4.4	.0	9.9
P. EE	150	-5	450	-5	* AG	1425	3.9	.0	15.0
Q. NL	0	0	2	-150	* AG	254	7.3	.0	9.9
R. SL	0	0	-2	150	* AG	237	7.3	.0	9.9
S. WL	0	0	150	2	* AG	153	5.7	.0	9.9
T. EL	0	0	-150	-2	* AG	497	6.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	12	12	1.8
2. SE3	12	-12	1.8
3. SW3	-12	-12	1.8
4. NW3	-12	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	263.	2.4	.0	.0	.3	.0	.0	.2	.0	.0			
2. SE3	276.	2.5	.0	.2	.0	.0	.0	.0	.2	.0			
3. SW3	6.	2.3	.0	.0	.3	.2	.0	.7	.0	.0			
4. NW3	96.	2.1	.0	.0	.2	.0	.0	.3	.0	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.8	.0	.2	.5	.0	.0	.0	.0	.0	.3
2. SE3	.0	.0	.3	.2	.1	1.2	.0	.0	.0	.0	.0	.3
3. SW3	.0	.0	.2	.0	.0	.5	.0	.0	.0	.2	.0	.1
4. NW3	.0	.9	.0	.0	.0	.0	.3	.2	.0	.0	.1	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND PERRY AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES Y1	(M) X2	* *	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	188	3.9	.0	15.0	
B. NA	*	7	-150	7	0	*	AG	99	8.9	.0	13.5	
C. ND	*	7	0	7	150	*	AG	202	8.9	.0	9.9	
D. NE	*	7	150	7	450	*	AG	202	3.9	.0	15.0	
E. SF	*	-7	450	-7	150	*	AG	167	3.9	.0	15.0	
F. SA	*	-7	150	-7	0	*	AG	125	8.9	.0	13.5	
G. SD	*	-7	0	-7	-150	*	AG	125	8.9	.0	9.9	
H. SE	*	-7	-150	-7	-450	*	AG	125	3.9	.0	15.0	
I. WF	*	450	5	150	5	*	AG	1779	3.9	.0	15.0	
J. WA	*	150	5	0	5	*	AG	1729	7.0	.0	9.9	
K. WD	*	0	7	-150	7	*	AG	1861	4.7	.0	9.9	
L. WE	*	-150	7	-450	7	*	AG	1861	3.9	.0	10.5	
M. EF	*	-450	-2	-150	-2	*	AG	1318	3.9	.0	10.5	
N. EA	*	-150	-2	0	-2	*	AG	1228	5.8	.0	9.9	
O. ED	*	0	-7	150	-7	*	AG	1264	4.7	.0	9.9	
P. EE	*	150	-7	450	-7	*	AG	1264	3.9	.0	10.5	
Q. NL	*	0	0	5	-150	*	AG	89	8.9	.0	9.9	
R. SL	*	0	0	-5	150	*	AG	42	8.9	.0	9.9	
S. WL	*	0	0	150	2	*	AG	50	5.3	.0	9.9	
T. EL	*	0	0	-150	-7	*	AG	90	5.3	.0	9.9	

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES X	(M) Y	Z
1. NE3	*	14	12	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-12	1.8
4. NW3	*	-14	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	96.	*	2.0	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	274.	*	2.7	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	85.	*	1.9	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	96.	*	2.8	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.2	1.4	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0
2. SE3	*	.0	.0	.3	.3	.2	1.2	.5	.0	.0	.0	.0	.0
3. SW3	*	.3	.4	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0
4. NW3	*	.1	1.5	.5	.0	.0	.0	.2	.2	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND PERRY PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	141	3.9	.0	15.0
B. NA	7	-150	7	0	* AG	65	8.9	.0	13.5
C. ND	7	0	7	150	* AG	239	8.9	.0	9.9
D. NE	7	150	7	450	* AG	239	3.9	.0	15.0
E. SF	-7	450	-7	150	* AG	158	3.9	.0	15.0
F. SA	-7	150	-7	0	* AG	124	8.9	.0	13.5
G. SD	-7	0	-7	-150	* AG	321	8.9	.0	9.9
H. SE	-7	-150	-7	-450	* AG	321	3.9	.0	15.0
I. WF	450	5	150	5	* AG	1407	3.9	.0	15.0
J. WA	150	5	0	5	* AG	1243	5.8	.0	9.9
K. WD	0	7	-150	7	* AG	1322	4.7	.0	9.9
L. WE	-150	7	-450	7	* AG	1322	3.9	.0	10.5
M. EF	-450	-2	-150	-2	* AG	2017	3.9	.0	10.5
N. EA	-150	-2	0	-2	* AG	1877	7.0	.0	9.9
O. ED	0	-7	150	-7	* AG	1841	4.7	.0	9.9
P. EE	150	-7	450	-7	* AG	1841	3.9	.0	10.5
Q. NL	0	0	5	-150	* AG	76	8.9	.0	9.9
R. SL	0	0	-5	150	* AG	34	8.9	.0	9.9
S. WL	0	0	150	2	* AG	164	5.3	.0	9.9
T. EL	0	0	-150	-7	* AG	140	5.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	12	1.8
2. SE3	14	-8	1.8
3. SW3	-14	-12	1.8
4. NW3	-14	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	265.	2.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	274.	3.7	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
3. SW3	86.	2.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
4. NW3	96.	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	1.0	.1	.3	.6	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.2	.3	.2	1.9	.8	.0	.0	.0	.0	.1
3. SW3	.3	.2	.0	.0	.0	.0	1.3	.2	.0	.0	.0	.0
4. NW3	.0	1.0	.4	.0	.0	.0	.2	.3	.0	.0	.1	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND PASEO AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	911	3.9	.0	15.0
B. NA	9	-150	9	0	* AG	649	7.0	.0	18.0
C. ND	9	0	9	150	* AG	1211	6.3	.0	9.9
D. NE	9	150	9	450	* AG	1211	3.9	.0	15.0
E. SF	-9	450	-9	150	* AG	1081	3.9	.0	15.0
F. SA	-9	150	-9	0	* AG	922	7.0	.0	18.0
G. SD	-9	0	-9	-150	* AG	1321	7.6	.0	9.9
H. SE	-9	-150	-9	-450	* AG	1321	3.9	.0	15.0
I. WF	450	11	150	11	* AG	2176	3.9	.0	15.0
J. WA	150	11	0	11	* AG	1790	6.0	.0	22.5
K. WD	0	11	-150	11	* AG	1579	4.6	.0	9.9
L. WE	-150	11	-450	11	* AG	1579	3.9	.0	15.0
M. EF	-450	-11	-150	-11	* AG	1220	3.9	.0	15.0
N. EA	-150	-11	0	-11	* AG	1164	5.8	.0	18.0
O. ED	0	-11	150	-11	* AG	1277	4.3	.0	9.9
P. EE	150	-11	450	-11	* AG	1277	3.9	.0	15.0
Q. NL	0	0	7	-150	* AG	262	7.0	.0	9.9
R. SL	0	0	-7	150	* AG	159	7.0	.0	9.9
S. WL	0	0	150	9	* AG	386	5.7	.0	9.9
T. EL	0	0	-150	-9	* AG	56	5.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	17	19	1.8
2. SE3	17	-19	1.8
3. SW3	-17	-19	1.8
4. NW3	-17	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	264.	2.4	.0	.0	.5	.0	.0	.2	.0	.0				
2. SE3	354.	2.4	.0	.2	1.0	.0	.2	.1	.0	.0				
3. SW3	81.	2.5	.0	.2	.0	.0	.0	.0	.6	.0				
4. NW3	174.	2.7	.2	.0	.0	.0	.0	.3	1.3	.0				

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.4	.9	.1	.2	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.3	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
3. SW3	.3	.2	.0	.0	.0	.3	.7	.0	.0	.0	.0	.0
4. NW3	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND PASEO PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	1250	3.9	.0	15.0
B. NA	9	-150	9	0	* AG	992	7.0	.0	18.0
C. ND	9	0	9	150	* AG	1298	6.0	.0	9.9
D. NE	9	150	9	450	* AG	1298	3.9	.0	15.0
E. SF	-9	450	-9	150	* AG	858	3.9	.0	15.0
F. SA	-9	150	-9	0	* AG	539	7.0	.0	18.0
G. SD	-9	0	-9	-150	* AG	1030	5.1	.0	9.9
H. SE	-9	-150	-9	-450	* AG	1030	3.9	.0	15.0
I. WF	450	11	150	11	* AG	1277	3.9	.0	15.0
J. WA	150	11	0	11	* AG	1078	5.8	.0	22.5
K. WD	0	11	-150	11	* AG	1067	4.3	.0	9.9
L. WE	-150	11	-450	11	* AG	1067	3.9	.0	15.0
M. EF	-450	-11	-150	-11	* AG	2136	3.9	.0	15.0
N. EA	-150	-11	0	-11	* AG	1971	6.3	.0	18.0
O. ED	0	-11	150	-11	* AG	2126	5.7	.0	9.9
P. EE	150	-11	450	-11	* AG	2126	3.9	.0	15.0
Q. NL	0	0	7	-150	* AG	258	7.0	.0	9.9
R. SL	0	0	-7	150	* AG	319	7.0	.0	9.9
S. WL	0	0	150	9	* AG	199	5.8	.0	9.9
T. EL	0	0	-150	-9	* AG	165	5.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	17	19	1.8
2. SE3	17	-19	1.8
3. SW3	-17	-19	1.8
4. NW3	-17	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	261.	2.1	.0	.0	.5	.0	.0	.1	.0	.0			
2. SE3	354.	2.7	.0	.4	1.0	.0	.2	.0	.0	.0			
3. SW3	84.	3.1	.0	.2	.0	.0	.0	.0	.3	.0			
4. NW3	172.	2.1	.2	.2	.0	.0	.0	.2	.7	.0			

RECEPTOR	* I	* J	* K	* L	* M	CONC/LINK (PPM)							
						N	O	P	Q	R	S	T	
1. NE3	.0	.2	.6	.0	.3	.2	.0	.0	.0	.0	.0	.0	
2. SE3	.0	.2	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	
3. SW3	.2	.0	.0	.0	.0	.6	1.4	.1	.0	.0	.0	.0	
4. NW3	.0	.0	.3	.0	.0	.4	.0	.0	.1	.0	.0	.0	

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND BROOKMILL AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	49	3.9	.0	19.5
B. NA	*	7	-150	7	0	*	AG	9	8.9	.0	18.0
C. ND	*	7	0	7	150	*	AG	0	8.9	.0	13.5
D. NE	*	7	150	7	450	*	AG	0	3.9	.0	19.5
E. SF	*	-9	450	-9	150	*	AG	0	3.9	.0	15.0
F. SA	*	-9	150	-9	0	*	AG	0	8.9	.0	13.5
G. SD	*	-9	0	-9	-150	*	AG	19	8.9	.0	9.9
H. SE	*	-9	-150	-9	-450	*	AG	19	3.9	.0	15.0
I. WF	*	450	5	150	5	*	AG	1522	3.9	.0	15.0
J. WA	*	150	5	0	5	*	AG	1520	6.5	.0	9.9
K. WD	*	0	7	-150	7	*	AG	1560	4.7	.0	9.9
L. WE	*	-150	7	-450	7	*	AG	1560	3.9	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	1152	3.9	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	1152	7.6	.0	9.9
O. ED	*	0	0	150	0	*	AG	1144	4.2	.0	9.9
P. EE	*	150	0	450	0	*	AG	1144	3.9	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	40	8.9	.0	9.9
R. SL	*	0	0	-7	150	*	AG	0	8.9	.0	9.9
S. WL	*	0	0	150	2	*	AG	2	5.3	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	0	5.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	17	12	1.8
2. SE3	*	17	-8	1.8
3. SW3	*	-17	-8	1.8
4. NW3	*	-17	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	96.	*	1.9	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	274.	*	2.1	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	83.	*	2.3	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	96.	*	2.4	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.2	1.2	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0
2. SE3	*	.0	.0	.3	.3	.1	1.4	.0	.0	.0	.0	.0	.0
3. SW3	*	.1	.8	.0	.0	.0	.6	.6	.0	.0	.0	.0	.0
4. NW3	*	.0	1.2	.5	.0	.0	.0	.4	.1	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND BROOKMILL PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	24	3.9	.0	19.5
B. NA	*	7	-150	7	0	*	AG	8	8.9	.0	18.0
C. ND	*	7	0	7	150	*	AG	0	8.9	.0	13.5
D. NE	*	7	150	7	450	*	AG	0	3.9	.0	19.5
E. SF	*	-9	450	-9	150	*	AG	0	3.9	.0	15.0
F. SA	*	-9	150	-9	0	*	AG	0	8.9	.0	13.5
G. SD	*	-9	0	-9	-150	*	AG	50	8.9	.0	9.9
H. SE	*	-9	-150	-9	-450	*	AG	50	3.9	.0	15.0
I. WF	*	450	5	150	5	*	AG	973	3.9	.0	15.0
J. WA	*	150	5	0	5	*	AG	967	5.7	.0	9.9
K. WD	*	0	7	-150	7	*	AG	983	4.7	.0	9.9
L. WE	*	-150	7	-450	7	*	AG	983	3.9	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	2046	3.9	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	2046	7.6	.0	9.9
O. ED	*	0	0	150	0	*	AG	2010	4.7	.0	9.9
P. EE	*	150	0	450	0	*	AG	2010	3.9	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	16	8.9	.0	9.9
R. SL	*	0	0	-7	150	*	AG	0	8.9	.0	9.9
S. WL	*	0	0	150	2	*	AG	6	5.3	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	0	5.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	17	12	1.8
2. SE3	*	17	-8	1.8
3. SW3	*	-17	-8	1.8
4. NW3	*	-17	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	264.	*	1.8	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	274.	*	2.8	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	275.	*	3.6	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	263.	*	2.0	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.7	.0	.2	.8	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.2	.2	.2	2.2	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.2	.2	.2	3.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	1.0	.0	.2	.7	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND FREMONT AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (M)	* *	EF	H	W
		X1 Y1 X2 Y2	TYPE VPH (G/MI) (M) (M)			
A. NF	*	9 -450 9 -150	* AG 969 3.9 .0 15.0			
B. NA	*	9 -150 9 0	* AG 724 6.5 .0 18.0			
C. ND	*	9 0 9 150	* AG 776 4.5 .0 9.9			
D. NE	*	9 150 9 450	* AG 776 3.9 .0 15.0			
E. SF	*	-9 450 -9 150	* AG 1493 3.9 .0 15.0			
F. SA	*	-9 150 -9 0	* AG 1293 6.8 .0 18.0			
G. SD	*	-9 0 -9 -150	* AG 1488 5.5 .0 9.9			
H. SE	*	-9 -150 -9 -450	* AG 1488 3.9 .0 15.0			
I. WF	*	450 14 150 14	* AG 1614 3.9 .0 15.0			
J. WA	*	150 14 0 14	* AG 1440 6.5 .0 22.5			
K. WD	*	0 14 -150 14	* AG 1734 6.3 .0 9.9			
L. WE	*	-150 14 -450 14	* AG 1734 3.9 .0 15.0			
M. EF	*	-450 -11 -150 -11	* AG 1165 3.9 .0 19.5			
N. EA	*	-150 -11 0 -11	* AG 1006 6.3 .0 27.0			
O. ED	*	0 -11 150 -11	* AG 1243 4.4 .0 13.5			
P. EE	*	150 -11 450 -11	* AG 1243 3.9 .0 19.5			
Q. NL	*	0 0 7 -150	* AG 245 6.5 .0 9.9			
R. SL	*	0 0 -7 150	* AG 200 6.5 .0 9.9			
S. WL	*	0 0 150 11	* AG 174 6.3 .0 9.9			
T. EL	*	0 0 -150 -7	* AG 159 6.3 .0 9.9			

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M)
		X Y Z
1. NE3	*	17 21 1.8
2. SE3	*	17 -21 1.8
3. SW3	*	-17 -21 1.8
4. NW3	*	-17 21 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM)	D	E	F	G	H
1. NE3	*	264.	*	2.6	*	.0	.0	.2	.0	.0	.3	.0	.0	
2. SE3	*	352.	*	1.9	*	.0	.3	.4	.0	.2	.3	.0	.0	
3. SW3	*	82.	*	2.0	*	.0	.2	.0	.0	.0	.0	.5	.0	
4. NW3	*	174.	*	2.8	*	.2	.0	.0	.0	.0	.5	1.0	.0	

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.3	1.3	.1	.2	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.3	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
3. SW3	*	.3	.0	.0	.0	.0	.2	.6	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.7	.0	.0	.2	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND FREMONT PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	1206	3.9	.0	15.0
B. NA	9	-150	9	0	* AG	1026	7.0	.0	18.0
C. ND	9	0	9	150	* AG	1336	6.5	.0	9.9
D. NE	9	150	9	450	* AG	1336	3.9	.0	15.0
E. SF	-9	450	-9	150	* AG	1234	3.9	.0	15.0
F. SA	-9	150	-9	0	* AG	890	6.8	.0	18.0
G. SD	-9	0	-9	-150	* AG	1349	6.5	.0	9.9
H. SE	-9	-150	-9	-450	* AG	1349	3.9	.0	15.0
I. WF	450	14	150	14	* AG	1103	3.9	.0	15.0
J. WA	150	14	0	14	* AG	849	6.0	.0	22.5
K. WD	0	14	-150	14	* AG	1001	4.4	.0	9.9
L. WE	-150	14	-450	14	* AG	1001	3.9	.0	15.0
M. EF	-450	-11	-150	-11	* AG	2211	3.9	.0	19.5
N. EA	-150	-11	0	-11	* AG	1786	6.0	.0	27.0
O. ED	0	-11	150	-11	* AG	2068	4.6	.0	13.5
P. EE	150	-11	450	-11	* AG	2068	3.9	.0	19.5
Q. NL	0	0	7	-150	* AG	180	6.8	.0	9.9
R. SL	0	0	-7	150	* AG	344	7.0	.0	9.9
S. WL	0	0	150	11	* AG	254	6.0	.0	9.9
T. EL	0	0	-150	-7	* AG	425	6.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	17	21	1.8
2. SE3	17	-21	1.8
3. SW3	-17	-21	1.8
4. NW3	-17	21	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	261.	2.2	.0	.0	.5	.0	.0	.2	.0	.0				
2. SE3	354.	2.8	.0	.4	1.1	.0	.2	.1	.0	.0				
3. SW3	83.	2.5	.0	.3	.0	.0	.0	.0	.5	.0				
4. NW3	174.	2.6	.2	.1	.0	.0	.0	.4	1.1	.0				

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.2	.6	.0	.3	.2	.0	.0	.0	.1	.0	.0
2. SE3	.0	.2	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0
3. SW3	.2	.0	.0	.0	.0	.3	1.0	.1	.0	.0	.0	.0
4. NW3	.0	.0	.3	.0	.0	.3	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND CANAL TERRACE AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	380	3.9	.0	15.0
B. NA	*	11	-150	11	0	*	AG	104	8.9	.0	18.0
C. ND	*	11	0	11	150	*	AG	93	6.3	.0	9.9
D. NE	*	11	150	11	450	*	AG	93	3.9	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	169	3.9	.0	19.5
F. SA	*	-9	150	-9	0	*	AG	89	8.9	.0	18.0
G. SD	*	-9	0	-9	-150	*	AG	163	6.3	.0	13.5
H. SE	*	-9	-150	-9	-450	*	AG	163	3.9	.0	19.5
I. WF	*	450	5	150	5	*	AG	1806	3.9	.0	10.5
J. WA	*	150	5	0	5	*	AG	1780	7.0	.0	9.9
K. WD	*	0	5	-150	5	*	AG	1994	4.7	.0	9.9
L. WE	*	-150	5	-450	5	*	AG	1994	3.9	.0	10.5
M. EF	*	-450	-5	-150	-5	*	AG	1105	3.9	.0	10.5
N. EA	*	-150	-5	0	-5	*	AG	1092	7.6	.0	9.9
O. ED	*	0	-5	150	-5	*	AG	1210	4.7	.0	9.9
P. EE	*	150	-5	450	-5	*	AG	1210	3.9	.0	10.5
Q. NL	*	0	0	9	-150	*	AG	276	8.9	.0	9.9
R. SL	*	0	0	-5	150	*	AG	80	8.9	.0	9.9
S. WL	*	0	0	150	5	*	AG	26	5.3	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	13	5.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	19	10	1.8
2. SE3	*	19	-10	1.8
3. SW3	*	-19	-10	1.8
4. NW3	*	-19	10	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	265.	*	3.0	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	275.	*	2.6	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	84.	*	2.6	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	95.	*	3.1	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.9	1.2	.1	.2	.4	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.4	.3	.0	1.3	.4	.0	.1	.0	.0	.0
3. SW3	*	.2	.7	.0	.0	.0	.6	.8	.0	.0	.0	.0	.0
4. NW3	*	.1	1.7	.7	.0	.0	.0	.3	.2	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND CANAL TERRACE PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	231	3.9	.0	15.0
B. NA	*	11	-150	11	0	*	AG	96	8.9	.0	18.0
C. ND	*	11	0	11	150	*	AG	1065	8.9	.0	9.9
D. NE	*	11	150	11	450	*	AG	1065	3.9	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	39	3.9	.0	19.5
F. SA	*	-9	150	-9	0	*	AG	20	8.9	.0	18.0
G. SD	*	-9	0	-9	-150	*	AG	256	8.9	.0	13.5
H. SE	*	-9	-150	-9	-450	*	AG	256	3.9	.0	19.5
I. WF	*	450	5	150	5	*	AG	1906	3.9	.0	10.5
J. WA	*	150	5	0	5	*	AG	1897	7.0	.0	9.9
K. WD	*	0	5	-150	5	*	AG	1074	4.7	.0	9.9
L. WE	*	-150	5	-450	5	*	AG	1074	3.9	.0	10.5
M. EF	*	-450	-5	-150	-5	*	AG	2533	3.9	.0	10.5
N. EA	*	-150	-5	0	-5	*	AG	2446	7.6	.0	9.9
O. ED	*	0	-5	150	-5	*	AG	2314	4.7	.0	9.9
P. EE	*	150	-5	450	-5	*	AG	2314	3.9	.0	10.5
Q. NL	*	0	0	9	-150	*	AG	135	8.9	.0	9.9
R. SL	*	0	0	-5	150	*	AG	19	8.9	.0	9.9
S. WL	*	0	0	150	5	*	AG	9	5.3	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	87	5.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	19	10	1.8
2. SE3	*	19	-10	1.8
3. SW3	*	-19	-10	1.8
4. NW3	*	-19	10	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	263.	*	3.6	*	.0	.0	.6	.0	.0	.0	.0	.0
2. SE3	*	275.	*	3.9	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	84.	*	3.9	*	.0	.0	.0	.0	.0	.0	.1	.0
4. NW3	*	94.	*	3.3	*	.0	.0	.3	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	1.1	.7	.0	.2	1.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.3	.2	.1	2.3	.8	.0	.0	.0	.0	.0
3. SW3	*	.2	.7	.0	.0	.0	1.4	1.3	.0	.0	.0	.0	.0
4. NW3	*	.2	1.8	.3	.0	.0	.0	.3	.4	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND NB RAMPS AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	Y2	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	1973	3.9	.0	10.5	
B. NA	*	2	-150	2	0	*	AG	345	7.6	.0	9.9	
C. ND	*	2	0	2	150	*	AG	238	4.6	.0	9.9	
D. NE	*	2	150	2	450	*	AG	238	3.9	.0	10.5	
E. SF	*	-2	450	-2	150	*	AG	0	3.9	.0	10.5	
F. SA	*	-2	150	-2	0	*	AG	0	7.3	.0	9.9	
G. SD	*	-2	0	-2	-150	*	AG	1084	8.9	.0	9.9	
H. SE	*	-2	-150	-2	-450	*	AG	1084	3.9	.0	10.5	
I. WF	*	450	2	150	2	*	AG	1867	3.9	.0	10.5	
J. WA	*	150	2	0	2	*	AG	1867	8.3	.0	9.9	
K. WD	*	0	2	-150	2	*	AG	3257	5.1	.0	9.9	
L. WE	*	-150	2	-450	2	*	AG	3257	3.9	.0	10.5	
M. EF	*	-450	-2	-150	-2	*	AG	1916	3.9	.0	10.5	
N. EA	*	-150	-2	0	-2	*	AG	1916	8.3	.0	9.9	
O. ED	*	0	-2	150	-2	*	AG	1177	5.1	.0	9.9	
P. EE	*	150	-2	450	-2	*	AG	1177	3.9	.0	10.5	
Q. NL	*	0	0	2	-150	*	AG	1628	8.9	.0	9.9	
R. SL	*	0	0	-2	150	*	AG	0	7.3	.0	9.9	
S. WL	*	0	0	150	2	*	AG	0	5.5	.0	9.9	
T. EL	*	0	0	-150	-2	*	AG	0	5.5	.0	9.9	

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	8	1.8
2. SE3	*	8	-8	1.8
3. SW3	*	-8	-8	1.8
4. NW3	*	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	*	186.	*	5.0	.0	.6	.0	.0	.0	.0	1.0	.1
2. SE3	*	275.	*	6.1	.0	.2	.0	.0	.0	.0	.5	.0
3. SW3	*	84.	*	4.8	.0	.1	.0	.0	.0	.0	.7	.0
4. NW3	*	174.	*	6.1	.2	.3	.0	.0	.0	.0	1.8	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	1.1	.0	.0	.0	.0	.3	.0	1.8	.0	.0	.0
2. SE3	*	.0	.0	1.2	.3	.1	2.7	.2	.0	.9	.0	.0	.0
3. SW3	*	.1	1.4	.0	.0	.0	.5	1.1	.0	.9	.0	.0	.0
4. NW3	*	.0	.0	1.2	.0	.0	.8	.0	.0	1.8	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND NB RAMPS PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	Y2	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	2580	3.9	.0	10.5	
B. NA	*	2	-150	2	0	*	AG	1065	8.9	.0	9.9	
C. ND	*	2	0	2	150	*	AG	150	4.5	.0	9.9	
D. NE	*	2	150	2	450	*	AG	150	3.9	.0	10.5	
E. SF	*	-2	450	-2	150	*	AG	0	3.9	.0	10.5	
F. SA	*	-2	150	-2	0	*	AG	0	7.0	.0	9.9	
G. SD	*	-2	0	-2	-150	*	AG	1758	8.9	.0	9.9	
H. SE	*	-2	-150	-2	-450	*	AG	1758	3.9	.0	10.5	
I. WF	*	450	2	150	2	*	AG	1064	3.9	.0	10.5	
J. WA	*	150	2	0	2	*	AG	1064	8.6	.0	9.9	
K. WD	*	0	2	-150	2	*	AG	2429	5.7	.0	9.9	
L. WE	*	-150	2	-450	2	*	AG	2429	3.9	.0	10.5	
M. EF	*	-450	-2	-150	-2	*	AG	3304	3.9	.0	10.5	
N. EA	*	-150	-2	0	-2	*	AG	3304	8.6	.0	9.9	
O. ED	*	0	-2	150	-2	*	AG	2611	5.7	.0	9.9	
P. EE	*	150	-2	450	-2	*	AG	2611	3.9	.0	10.5	
Q. NL	*	0	0	2	-150	*	AG	1515	8.9	.0	9.9	
R. SL	*	0	0	-2	150	*	AG	0	7.0	.0	9.9	
S. WL	*	0	0	150	2	*	AG	0	5.7	.0	9.9	
T. EL	*	0	0	-150	-2	*	AG	0	5.7	.0	9.9	

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	8	1.8
2. SE3	*	8	-8	1.8
3. SW3	*	-8	-8	1.8
4. NW3	*	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	A	B	C	CONC/LINK (PPM)				D	E	F	G	H
1. NE3	*	185.	*	6.5	*	.2	1.8	.0	.0	.0	.0	.0	.0	1.3	.2	
2. SE3	*	275.	*	8.7	*	.0	.7	.0	.0	.0	.0	.0	.0	.8	.0	
3. SW3	*	84.	*	6.7	*	.0	.5	.0	.0	.0	.0	.0	.0	1.1	.0	
4. NW3	*	174.	*	8.0	*	.2	1.0	.0	.0	.0	.0	.0	.0	2.7	.0	

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.6	.0	.0	.0	.0	.7	.0	1.7	.0	.0	.0
2. SE3	*	.0	.0	1.0	.2	.2	4.5	.4	.0	.8	.0	.0	.0
3. SW3	*	.1	.9	.0	.0	.0	.8	2.4	.0	.8	.0	.0	.0
4. NW3	*	.0	.0	1.0	.0	.0	1.4	.0	.0	1.7	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND SB RAMPS AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (M)	* *	EF	H	W
		X1 Y1 X2 Y2	TYPE VPH (G/MI) (M) (M)			
A. NF	*	7 -450 7 -150	* AG 0 3.9 .0 10.5			
B. NA	*	7 -150 7 0	* AG 0 8.0 .0 9.9			
C. ND	*	7 0 7 150	* AG 816 8.9 .0 9.9			
D. NE	*	7 150 7 450	* AG 816 3.9 .0 10.5			
E. SF	*	-5 450 -5 150	* AG 1674 3.9 .0 15.0			
F. SA	*	-5 150 -5 0	* AG 1588 8.9 .0 13.5			
G. SD	*	-7 0 -7 -150	* AG 675 8.9 .0 9.9			
H. SE	*	-7 -150 -7 -450	* AG 675 3.9 .0 10.5			
I. WF	*	450 9 150 9	* AG 3271 3.9 .0 15.0			
J. WA	*	150 9 0 9	* AG 3271 7.6 .0 13.5			
K. WD	*	0 9 -150 9	* AG 4043 4.7 .0 9.9			
L. WE	*	-150 9 -450 9	* AG 4043 3.9 .0 15.0			
M. EF	*	-450 -7 -150 -7	* AG 2317 3.9 .0 19.5			
N. EA	*	-150 -7 0 -7	* AG 2317 6.5 .0 13.5			
O. ED	*	0 -7 150 -7	* AG 1728 4.2 .0 13.5			
P. EE	*	150 -7 450 -7	* AG 1728 3.9 .0 19.5			
Q. NL	*	0 0 7 -150	* AG 0 8.0 .0 9.9			
R. SL	*	0 0 -2 150	* AG 86 8.0 .0 9.9			
S. WL	*	0 0 150 7	* AG 0 5.3 .0 9.9			
T. EL	*	0 0 -150 -2	* AG 0 5.3 .0 9.9			

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M)
		X Y Z
1. NE3	*	12 17 1.8
2. SE3	*	12 -17 1.8
3. SW3	*	-8 -17 1.8
4. NW3	*	-12 17 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	261.	*	4.8	*	.0	.0	.5	.0	.0	.6	.0	.0
2. SE3	*	354.	*	3.3	*	.0	.0	1.1	.0	.2	.7	.0	.0
3. SW3	*	3.	*	4.8	*	.0	.0	.2	.2	.2	2.1	.6	.0
4. NW3	*	95.	*	4.9	*	.0	.0	.3	.0	.0	.9	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.8	2.1	.0	.2	.5	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.7	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.5	.0	.0	.8	.0	.0	.0	.1	.0	.0
4. NW3	*	.3	3.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND SB RAMPS PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (M)	* *	EF	H	W
		X1 Y1 X2 Y2	TYPE VPH (G/MI)	(M)	(M)	
A. NF	*	7 -450 7 -150	* AG 0	3.9	.0	10.5
B. NA	*	7 -150 7 0	* AG 0	8.6	.0	9.9
C. ND	*	7 0 7 150	* AG 587	8.9	.0	9.9
D. NE	*	7 150 7 450	* AG 587	3.9	.0	10.5
E. SF	*	-5 450 -5 150	* AG 1383	3.9	.0	15.0
F. SA	*	-5 150 -5 0	* AG 1167	8.9	.0	13.5
G. SD	*	-7 0 -7 -150	* AG 1510	8.9	.0	9.9
H. SE	*	-7 -150 -7 -450	* AG 1510	3.9	.0	10.5
I. WF	*	450 9 150 9	* AG 2234	3.9	.0	15.0
J. WA	*	150 9 0 9	* AG 2234	6.3	.0	13.5
K. WD	*	0 9 -150 9	* AG 2814	4.7	.0	9.9
L. WE	*	-150 9 -450 9	* AG 2814	3.9	.0	15.0
M. EF	*	-450 -7 -150 -7	* AG 4566	3.9	.0	19.5
N. EA	*	-150 -7 0 -7	* AG 4566	7.6	.0	13.5
O. ED	*	0 -7 150 -7	* AG 3272	4.7	.0	13.5
P. EE	*	150 -7 450 -7	* AG 3272	3.9	.0	19.5
Q. NL	*	0 0 7 -150	* AG 0	8.6	.0	9.9
R. SL	*	0 0 -2 150	* AG 216	8.6	.0	9.9
S. WL	*	0 0 150 7	* AG 0	5.3	.0	9.9
T. EL	*	0 0 -150 -2	* AG 0	5.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M)
		X Y Z
1. NE3	*	12 17 1.8
2. SE3	*	12 -17 1.8
3. SW3	*	-8 -17 1.8
4. NW3	*	-12 17 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	258.	*	4.3	*	.0	.0	.4	.0	.0	.4	.0	.0
2. SE3	*	277.	*	4.6	*	.0	.0	.0	.0	.0	.0	.5	.0
3. SW3	*	3.	*	5.9	*	.0	.0	.2	.1	.2	1.6	1.3	.0
4. NW3	*	176.	*	4.3	*	.0	.0	.0	.0	.0	.3	2.0	.2

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.5	1.3	.0	.0	1.4	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.1	.4	.2	3.3	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.4	.0	.0	1.9	.0	.0	.0	.3	.0	.0
4. NW3	*	.0	.0	.8	.0	.0	1.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND APPIAN AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	1286	3.9	.0	15.0
B. NA	*	7	-150	7	0	*	AG	1227	5.5	.0	13.5
C. ND	*	7	0	7	150	*	AG	1306	4.3	.0	9.9
D. NE	*	7	150	7	450	*	AG	1306	3.9	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	1113	3.9	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	1077	5.5	.0	13.5
G. SD	*	-7	0	-7	-150	*	AG	1214	4.2	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	1214	3.9	.0	15.0
I. WF	*	450	2	150	2	*	AG	186	3.9	.0	10.5
J. WA	*	150	2	0	2	*	AG	114	8.9	.0	9.9
K. WD	*	0	2	-150	2	*	AG	136	8.3	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	136	3.9	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	144	3.9	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	121	8.9	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	73	8.3	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	73	3.9	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	59	5.3	.0	9.9
R. SL	*	0	0	-5	150	*	AG	36	5.3	.0	9.9
S. WL	*	0	0	150	2	*	AG	72	8.9	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	23	8.9	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	1.7	*	.2	1.1	.0	.0	.0	.0	.0	.3
2. SE3	*	353.	*	1.4	*	.0	.0	.8	.0	.2	.2	.0	.0
3. SW3	*	5.	*	1.6	*	.0	.0	.0	.3	.1	.9	.0	.0
4. NW3	*	173.	*	1.4	*	.2	.2	.0	.0	.0	.0	.7	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND APPIAN PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	1642	3.9	.0	15.0
B. NA	*	7	-150	7	0	*	AG	1568	5.7	.0	13.5
C. ND	*	7	0	7	150	*	AG	1582	4.4	.0	9.9
D. NE	*	7	150	7	450	*	AG	1582	3.9	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	993	3.9	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	930	5.5	.0	13.5
G. SD	*	-7	0	-7	-150	*	AG	1064	4.2	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	1064	3.9	.0	15.0
I. WF	*	450	2	150	2	*	AG	95	3.9	.0	10.5
J. WA	*	150	2	0	2	*	AG	64	8.9	.0	9.9
K. WD	*	0	2	-150	2	*	AG	118	8.9	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	118	3.9	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	168	3.9	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	160	8.9	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	134	8.9	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	134	3.9	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	74	5.3	.0	9.9
R. SL	*	0	0	-5	150	*	AG	63	5.3	.0	9.9
S. WL	*	0	0	150	2	*	AG	31	8.9	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	8	8.9	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM)				D	E	F	G	H
1. NE3	*	185.	*	2.0	*	.2	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
2. SE3	*	185.	*	2.0	*	.2	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
3. SW3	*	5.	*	1.6	*	.0	.0	.0	.3	.1	.8	.0	.0	.0	.0	.0	.0
4. NW3	*	172.	*	1.5	*	.2	.3	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0

RECEPTOR	* *	I	J	K	L	M	CONC/LINK (PPM)								N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
3. SW3	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO-NILES RD AND MANN AVE-UNION SQ AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	5	-450	5	-150	*	AG	845	3.9	.0	10.5
B. NA	*	5	-150	5	0	*	AG	816	5.5	.0	9.9
C. ND	*	5	0	5	150	*	AG	773	4.4	.0	9.9
D. NE	*	5	150	5	450	*	AG	773	3.9	.0	10.5
E. SF	*	-5	450	-5	150	*	AG	657	3.9	.0	10.5
F. SA	*	-5	150	-5	0	*	AG	558	5.5	.0	9.9
G. SD	*	-5	0	-5	-150	*	AG	602	4.2	.0	9.9
H. SE	*	-5	-150	-5	-450	*	AG	602	3.9	.0	10.5
I. WF	*	450	7	150	7	*	AG	186	3.9	.0	15.0
J. WA	*	150	7	0	7	*	AG	98	8.0	.0	13.5
K. WD	*	0	7	-150	7	*	AG	176	5.0	.0	9.9
L. WE	*	-150	7	-450	7	*	AG	176	3.9	.0	15.0
M. EF	*	-450	-7	-150	-7	*	AG	233	3.9	.0	15.0
N. EA	*	-150	-7	0	-7	*	AG	149	8.0	.0	13.5
O. ED	*	0	-7	150	-7	*	AG	370	5.0	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	370	3.9	.0	15.0
Q. NL	*	0	0	5	-150	*	AG	29	5.3	.0	9.9
R. SL	*	0	0	-5	150	*	AG	99	5.3	.0	9.9
S. WL	*	0	0	150	5	*	AG	88	8.0	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	84	8.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	10	14	1.8
2. SE3	*	10	-14	1.8
3. SW3	*	-10	-14	1.8
4. NW3	*	-10	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	184.	*	1.5	*	.1	.8	.2	.0	.0	.0	.1	.1
2. SE3	*	355.	*	1.5	*	.0	.3	.6	.0	.1	.2	.0	.0
3. SW3	*	4.	*	1.3	*	.0	.0	.1	.2	.0	.6	.1	.0
4. NW3	*	175.	*	1.2	*	.2	.2	.0	.0	.0	.2	.5	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO-NILES RD AND MANN AVE-UNION SQ PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	5	-450	5	-150	* AG	727	3.9	.0	10.5
B. NA	5	-150	5	0	* AG	691	5.5	.0	9.9
C. ND	5	0	5	150	* AG	648	4.2	.0	9.9
D. NE	5	150	5	450	* AG	648	3.9	.0	10.5
E. SF	-5	450	-5	150	* AG	868	3.9	.0	10.5
F. SA	-5	150	-5	0	* AG	770	5.5	.0	9.9
G. SD	-5	0	-5	-150	* AG	863	4.5	.0	9.9
H. SE	-5	-150	-5	-450	* AG	863	3.9	.0	10.5
I. WF	450	7	150	7	* AG	286	3.9	.0	15.0
J. WA	150	7	0	7	* AG	159	8.0	.0	13.5
K. WD	0	7	-150	7	* AG	281	4.9	.0	9.9
L. WE	-150	7	-450	7	* AG	281	3.9	.0	15.0
M. EF	-450	-7	-150	-7	* AG	233	3.9	.0	15.0
N. EA	-150	-7	0	-7	* AG	146	8.0	.0	13.5
O. ED	0	-7	150	-7	* AG	322	4.9	.0	9.9
P. EE	150	-7	450	-7	* AG	322	3.9	.0	15.0
Q. NL	0	0	5	-150	* AG	36	5.3	.0	9.9
R. SL	0	0	-5	150	* AG	98	5.3	.0	9.9
S. WL	0	0	150	5	* AG	127	8.0	.0	9.9
T. EL	0	0	-150	-5	* AG	87	8.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	10	14	1.8
2. SE3	10	-14	1.8
3. SW3	-10	-14	1.8
4. NW3	-10	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	184.	1.5	.0	.7	.1	.0	.0	.0	.2	.2
2. SE3	355.	1.4	.0	.2	.5	.0	.2	.2	.0	.0
3. SW3	4.	1.6	.0	.0	.1	.2	.1	.7	.2	.0
4. NW3	175.	1.5	.1	.2	.0	.0	.0	.2	.7	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE PKWY AND WYNDHAM DR AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	871	3.9	.0	10.5
B. NA	*	2	-150	2	0	*	AG	861	7.0	.0	9.9
C. ND	*	2	0	2	150	*	AG	884	4.5	.0	9.9
D. NE	*	2	150	2	450	*	AG	884	3.9	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	1289	3.9	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	1283	7.6	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	1343	4.7	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	1343	3.9	.0	10.5
I. WF	*	450	9	150	9	*	AG	91	3.9	.0	15.0
J. WA	*	150	9	0	9	*	AG	23	8.9	.0	13.5
K. WD	*	0	9	-150	9	*	AG	35	8.9	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	35	3.9	.0	15.0
M. EF	*	-450	-9	-150	-9	*	AG	32	3.9	.0	15.0
N. EA	*	-150	-9	0	-9	*	AG	12	8.9	.0	13.5
O. ED	*	0	-2	150	-2	*	AG	21	8.9	.0	13.5
P. EE	*	150	-2	450	-2	*	AG	21	3.9	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	10	5.3	.0	9.9
R. SL	*	0	0	-2	150	*	AG	6	5.3	.0	9.9
S. WL	*	0	0	150	7	*	AG	68	8.9	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	20	8.9	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	17	1.8
2. SE3	*	8	-17	1.8
3. SW3	*	-8	-12	1.8
4. NW3	*	-8	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	355.	*	2.0	*	.0	.0	.9	.1	.2	.8	.0	.0
2. SE3	*	355.	*	2.2	*	.0	.4	.6	.0	.2	.9	.0	.0
3. SW3	*	4.	*	2.6	*	.0	.0	.3	.2	.2	1.7	.3	.0
4. NW3	*	5.	*	2.7	*	.0	.0	.3	.2	.1	2.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE PKWY AND WYNDHAM DR PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	1182	3.9	.0	10.5
B. NA	*	2	-150	2	0	*	AG	1172	7.6	.0	9.9
C. ND	*	2	0	2	150	*	AG	1203	4.7	.0	9.9
D. NE	*	2	150	2	450	*	AG	1203	3.9	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	997	3.9	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	983	7.6	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	1003	4.7	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	1003	3.9	.0	10.5
I. WF	*	450	9	150	9	*	AG	58	3.9	.0	15.0
J. WA	*	150	9	0	9	*	AG	28	8.9	.0	13.5
K. WD	*	0	9	-150	9	*	AG	42	8.9	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	42	3.9	.0	15.0
M. EF	*	-450	-9	-150	-9	*	AG	37	3.9	.0	15.0
N. EA	*	-150	-9	0	-9	*	AG	16	8.9	.0	13.5
O. ED	*	0	-2	150	-2	*	AG	26	8.9	.0	13.5
P. EE	*	150	-2	450	-2	*	AG	26	3.9	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	10	5.3	.0	9.9
R. SL	*	0	0	-2	150	*	AG	14	5.3	.0	9.9
S. WL	*	0	0	150	7	*	AG	30	8.9	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	21	8.9	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	17	1.8
2. SE3	*	8	-17	1.8
3. SW3	*	-8	-12	1.8
4. NW3	*	-8	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM)				D	E	F	G	H
1. NE3	*	184.	*	2.5	*	.1	1.4	.3	.0	.0	.0	.4	.2				
2. SE3	*	355.	*	2.5	*	.0	.6	.9	.0	.1	.7	.0	.0				
3. SW3	*	4.	*	2.4	*	.0	.0	.4	.2	.1	1.3	.2	.0				
4. NW3	*	175.	*	2.4	*	.1	.8	.0	.0	.0	.5	.8	.0				

RECEPTOR	* *	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE PKWY AND TEMAYO ST AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	882	3.9	.0	15.0
B. NA	7	-150	7	0	* AG	858	5.5	.0	13.5
C. ND	7	0	7	150	* AG	879	4.1	.0	9.9
D. NE	7	150	7	450	* AG	879	3.9	.0	15.0
E. SF	-7	450	-7	150	* AG	1355	3.9	.0	15.0
F. SA	-7	150	-7	0	* AG	1354	6.3	.0	9.9
G. SD	-7	0	-7	-150	* AG	1469	4.3	.0	9.9
H. SE	-7	-150	-7	-450	* AG	1469	3.9	.0	15.0
I. WF	450	2	150	2	* AG	3	3.9	.0	10.5
J. WA	150	2	0	2	* AG	2	8.9	.0	9.9
K. WD	0	2	-150	2	* AG	42	8.9	.0	9.9
L. WE	-150	2	-450	2	* AG	42	3.9	.0	10.5
M. EF	-450	-2	-150	-2	* AG	153	3.9	.0	10.5
N. EA	-150	-2	0	-2	* AG	132	8.9	.0	9.9
O. ED	0	-2	150	-2	* AG	3	8.9	.0	9.9
P. EE	150	-2	450	-2	* AG	3	3.9	.0	10.5
Q. NL	0	0	5	-150	* AG	24	5.3	.0	9.9
R. SL	0	0	-5	150	* AG	1	5.3	.0	9.9
S. WL	0	0	150	2	* AG	1	8.9	.0	9.9
T. EL	0	0	-150	-2	* AG	21	8.9	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	8	1.8
2. SE3	14	-8	1.8
3. SW3	-14	-8	1.8
4. NW3	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	185.	1.3	.1	.8	.0	.0	.0	.0	.0	.0	.3		
2. SE3	186.	1.3	.0	.8	.0	.0	.0	.0	.0	.0	.3		
3. SW3	6.	1.6	.0	.0	.0	.2	.1	1.1	.0	.0	.0		
4. NW3	6.	1.5	.0	.0	.0	.2	.1	1.1	.0	.0	.0		

RECEPTOR	* I	* J	* K	* L	* M	CONC/LINK (PPM)							
						N	O	P	Q	R	S	T	
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE PKWY AND TEMAYO ST PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	1222	3.9	.0	15.0
B. NA	*	7	-150	7	0	*	AG	1146	5.5	.0	13.5
C. ND	*	7	0	7	150	*	AG	1180	4.2	.0	9.9
D. NE	*	7	150	7	450	*	AG	1180	3.9	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	1019	3.9	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	1018	5.7	.0	9.9
G. SD	*	-7	0	-7	-150	*	AG	1009	4.2	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	1009	3.9	.0	15.0
I. WF	*	450	2	150	2	*	AG	3	3.9	.0	10.5
J. WA	*	150	2	0	2	*	AG	2	8.9	.0	9.9
K. WD	*	0	2	-150	2	*	AG	139	8.9	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	139	3.9	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	87	3.9	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	53	8.9	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	3	8.9	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	3	3.9	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	76	5.3	.0	9.9
R. SL	*	0	0	-5	150	*	AG	1	5.3	.0	9.9
S. WL	*	0	0	150	2	*	AG	1	8.9	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	34	8.9	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	1.5	*	.1	1.0	.0	.0	.0	.0	.0	.2
2. SE3	*	185.	*	1.5	*	.2	1.0	.0	.0	.0	.0	.0	.2
3. SW3	*	6.	*	1.3	*	.0	.0	.1	.2	.0	.8	.0	.0
4. NW3	*	174.	*	1.2	*	.2	.2	.0	.0	.0	.0	.6	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND THORNTON AVE AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	11	-450	11	-150	* AG	871	3.9	.0	15.0
B. NA	11	-150	11	0	* AG	515	5.3	.0	18.0
C. ND	11	0	11	150	* AG	774	4.1	.0	9.9
D. NE	11	150	11	450	* AG	774	3.9	.0	15.0
E. SF	-9	450	-9	150	* AG	1496	3.9	.0	19.5
F. SA	-9	150	-9	0	* AG	1492	5.5	.0	22.5
G. SD	-9	0	-9	-150	* AG	1587	4.2	.0	13.5
H. SE	-9	-150	-9	-450	* AG	1587	3.9	.0	19.5
I. WF	450	9	150	9	* AG	78	3.9	.0	10.5
J. WA	150	9	0	9	* AG	50	8.0	.0	9.9
K. WD	0	9	-150	9	* AG	721	8.9	.0	9.9
L. WE	-150	9	-450	9	* AG	721	3.9	.0	10.5
M. EF	-450	-7	-150	-7	* AG	659	3.9	.0	15.0
N. EA	-150	-7	0	-7	* AG	411	8.0	.0	18.0
O. ED	0	-7	150	-7	* AG	22	4.9	.0	9.9
P. EE	150	-7	450	-7	* AG	22	3.9	.0	15.0
Q. NL	0	0	9	-150	* AG	356	5.3	.0	9.9
R. SL	0	0	-5	150	* AG	4	5.3	.0	9.9
S. WL	0	0	150	9	* AG	28	8.0	.0	9.9
T. EL	0	0	-150	-5	* AG	248	8.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	19	14	1.8
2. SE3	19	-14	1.8
3. SW3	-19	-14	1.8
4. NW3	-19	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	265.	1.9	.0	.0	.2	.0	.0	.3	.0	.0			
2. SE3	276.	1.4	.0	.2	.0	.0	.0	.0	.2	.0			
3. SW3	4.	1.8	.0	.0	.0	.1	.3	.9	.0	.0			
4. NW3	173.	2.0	.2	.0	.0	.0	.0	.2	.8	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.1	.2	.0	.4	.0	.0	.0	.0	.0	.2
3. SW3	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.5	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND THORNTON AVE PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	1697	3.9	.0	15.0
B. NA	*	11	-150	11	0	*	AG	1190	5.5	.0	18.0
C. ND	*	11	0	11	150	*	AG	1686	4.4	.0	9.9
D. NE	*	11	150	11	450	*	AG	1686	3.9	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	1030	3.9	.0	19.5
F. SA	*	-9	150	-9	0	*	AG	1027	5.3	.0	22.5
G. SD	*	-9	0	-9	-150	*	AG	1272	4.1	.0	13.5
H. SE	*	-9	-150	-9	-450	*	AG	1272	3.9	.0	19.5
I. WF	*	450	9	150	9	*	AG	35	3.9	.0	10.5
J. WA	*	150	9	0	9	*	AG	23	7.6	.0	9.9
K. WD	*	0	9	-150	9	*	AG	787	8.9	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	787	3.9	.0	10.5
M. EF	*	-450	-7	-150	-7	*	AG	1043	3.9	.0	15.0
N. EA	*	-150	-7	0	-7	*	AG	537	7.6	.0	18.0
O. ED	*	0	-7	150	-7	*	AG	60	4.7	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	60	3.9	.0	15.0
Q. NL	*	0	0	9	-150	*	AG	507	5.5	.0	9.9
R. SL	*	0	0	-5	150	*	AG	3	5.3	.0	9.9
S. WL	*	0	0	150	9	*	AG	12	7.6	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	506	8.9	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	19	14	1.8
2. SE3	*	19	-14	1.8
3. SW3	*	-19	-14	1.8
4. NW3	*	-19	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	265.	*	2.3	*	.0	.0	.4	.0	.0	.2	.0	.0
2. SE3	*	276.	*	1.9	*	.0	.4	.0	.0	.0	.0	.2	.0
3. SW3	*	6.	*	1.7	*	.0	.0	.0	.3	.1	.6	.0	.0
4. NW3	*	171.	*	2.2	*	.3	.1	.0	.0	.0	.2	.6	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	1.1	.0	.2	.1	.0	.0	.0	.0	.0	.2
2. SE3	*	.0	.0	.1	.2	.0	.5	.0	.0	.1	.0	.0	.4
3. SW3	*	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0	.0	.2
4. NW3	*	.0	.0	.5	.0	.0	.2	.0	.0	.1	.0	.0	.2

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE PKWY AND PERALTA BLVD AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9	-450	9	-150	*	AG	673	3.9	.0	15.0
B. NA	*	9	-150	9	0	*	AG	562	5.8	.0	13.5
C. ND	*	9	0	9	150	*	AG	888	4.2	.0	9.9
D. NE	*	9	150	9	450	*	AG	888	3.9	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	1627	3.9	.0	15.0
F. SA	*	-9	150	-9	0	*	AG	1377	5.8	.0	18.0
G. SD	*	-9	0	-9	-150	*	AG	1635	4.6	.0	9.9
H. SE	*	-9	-150	-9	-450	*	AG	1635	3.9	.0	15.0
I. WF	*	450	9	150	9	*	AG	828	3.9	.0	15.0
J. WA	*	150	9	0	9	*	AG	734	7.0	.0	18.0
K. WD	*	0	9	-150	9	*	AG	594	4.6	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	594	3.9	.0	15.0
M. EF	*	-450	-9	-150	-9	*	AG	607	3.9	.0	15.0
N. EA	*	-150	-9	0	-9	*	AG	543	7.0	.0	13.5
O. ED	*	0	-9	150	-9	*	AG	618	4.6	.0	9.9
P. EE	*	150	-9	450	-9	*	AG	618	3.9	.0	15.0
Q. NL	*	0	0	7	-150	*	AG	111	5.8	.0	9.9
R. SL	*	0	0	-7	150	*	AG	250	5.8	.0	9.9
S. WL	*	0	0	150	7	*	AG	94	7.0	.0	9.9
T. EL	*	0	0	-150	-7	*	AG	64	7.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	17	17	1.8
2. SE3	*	17	-17	1.8
3. SW3	*	-17	-17	1.8
4. NW3	*	-17	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	264.	*	1.5	*	.0	.0	.2	.0	.0	.3	.0	.0
2. SE3	*	352.	*	1.6	*	.0	.1	.5	.0	.2	.2	.0	.0
3. SW3	*	4.	*	1.9	*	.0	.0	.0	.2	.2	1.0	.0	.0
4. NW3	*	175.	*	2.0	*	.2	.0	.0	.0	.0	.4	.9	.2

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.2	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.2	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE PKWY AND PERALTA BLVD PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9	-450	9	-150	*	AG	1640	3.9	.0	15.0
B. NA	*	9	-150	9	0	*	AG	1485	5.7	.0	13.5
C. ND	*	9	0	9	150	*	AG	1858	4.5	.0	9.9
D. NE	*	9	150	9	450	*	AG	1858	3.9	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	1309	3.9	.0	15.0
F. SA	*	-9	150	-9	0	*	AG	924	5.3	.0	18.0
G. SD	*	-9	0	-9	-150	*	AG	1035	4.2	.0	9.9
H. SE	*	-9	-150	-9	-450	*	AG	1035	3.9	.0	15.0
I. WF	*	450	9	150	9	*	AG	774	3.9	.0	15.0
J. WA	*	150	9	0	9	*	AG	704	7.6	.0	18.0
K. WD	*	0	9	-150	9	*	AG	549	4.9	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	549	3.9	.0	15.0
M. EF	*	-450	-9	-150	-9	*	AG	496	3.9	.0	15.0
N. EA	*	-150	-9	0	-9	*	AG	438	7.6	.0	13.5
O. ED	*	0	-9	150	-9	*	AG	777	5.3	.0	9.9
P. EE	*	150	-9	450	-9	*	AG	777	3.9	.0	15.0
Q. NL	*	0	0	7	-150	*	AG	155	5.3	.0	9.9
R. SL	*	0	0	-7	150	*	AG	385	5.5	.0	9.9
S. WL	*	0	0	150	7	*	AG	70	7.6	.0	9.9
T. EL	*	0	0	-150	-7	*	AG	58	7.6	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	17	17	1.8
2. SE3	*	17	-17	1.8
3. SW3	*	-17	-17	1.8
4. NW3	*	-17	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	2.1	*	.2	1.1	.0	.0	.0	.0	.0	.2
2. SE3	*	352.	*	2.3	*	.0	.4	1.0	.0	.2	.1	.0	.0
3. SW3	*	82.	*	1.7	*	.0	.3	.0	.0	.0	.0	.3	.0
4. NW3	*	173.	*	1.6	*	.3	.2	.0	.0	.0	.2	.6	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	.0	.2	.0	.0	.0	.0	.3	.0	.0	.1	.0	.0
3. SW3	*	.1	.2	.0	.0	.0	.1	.6	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT BLVD AND I-880 SB RAMPS-DEEP CREEK RD AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	180	3.9	.0	15.0
B. NA	9	-150	9	0	* AG	109	8.0	.0	18.0
C. ND	7	0	7	150	* AG	247	5.0	.0	9.9
D. NE	7	150	7	450	* AG	247	3.9	.0	10.5
E. SF	-11	450	-11	150	* AG	618	3.9	.0	10.5
F. SA	-11	150	-11	0	* AG	245	8.0	.0	18.0
G. SD	-11	0	-11	-150	* AG	358	8.0	.0	9.9
H. SE	-11	-150	-11	-450	* AG	358	3.9	.0	10.5
I. WF	450	14	150	14	* AG	1071	3.9	.0	19.5
J. WA	150	14	0	14	* AG	1070	5.5	.0	18.0
K. WD	0	14	-150	14	* AG	1005	4.1	.0	13.5
L. WE	-150	14	-450	14	* AG	1005	3.9	.0	19.5
M. EF	-450	-14	-150	-14	* AG	1788	3.9	.0	19.5
N. EA	-150	-14	0	-14	* AG	1787	5.8	.0	13.5
O. ED	0	0	150	0	* AG	2047	4.1	.0	22.5
P. EE	150	0	450	0	* AG	2047	3.9	.0	28.5
Q. NL	0	0	7	-150	* AG	71	8.0	.0	9.9
R. SL	0	0	-11	150	* AG	373	8.0	.0	9.9
S. WL	0	0	150	9	* AG	1	5.3	.0	9.9
T. EL	0	0	-150	0	* AG	1	5.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	12	23	1.8
2. SE3	17	-23	1.8
3. SW3	-17	-14	1.8
4. NW3	-17	23	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)								
						D	E	F	G	H				
1. NE3	96.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	276.	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	83.	2.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
4. NW3	96.	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.1	.8	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0
2. SE3	.0	.0	.0	.2	.2	1.1	.0	.0	.0	.0	.0	.0
3. SW3	.2	.0	.0	.0	.0	.7	.7	.2	.0	.0	.0	.0
4. NW3	.1	.7	.0	.0	.0	.0	.2	.3	.0	.1	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT BLVD AND I-880 SB RAMPS-DEEP CREEK PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	357	3.9	.0	15.0
B. NA	9	-150	9	0	* AG	295	7.3	.0	18.0
C. ND	7	0	7	150	* AG	120	4.6	.0	9.9
D. NE	7	150	7	450	* AG	120	3.9	.0	10.5
E. SF	-11	450	-11	150	* AG	946	3.9	.0	10.5
F. SA	-11	150	-11	0	* AG	414	7.3	.0	18.0
G. SD	-11	0	-11	-150	* AG	444	5.1	.0	9.9
H. SE	-11	-150	-11	-450	* AG	444	3.9	.0	10.5
I. WF	450	14	150	14	* AG	1618	3.9	.0	19.5
J. WA	150	14	0	14	* AG	1564	5.7	.0	18.0
K. WD	0	14	-150	14	* AG	1702	4.2	.0	13.5
L. WE	-150	14	-450	14	* AG	1702	3.9	.0	19.5
M. EF	-450	-14	-150	-14	* AG	1179	3.9	.0	19.5
N. EA	-150	-14	0	-14	* AG	1178	5.7	.0	13.5
O. ED	0	0	150	0	* AG	1834	4.2	.0	22.5
P. EE	150	0	450	0	* AG	1834	3.9	.0	28.5
Q. NL	0	0	7	-150	* AG	62	7.3	.0	9.9
R. SL	0	0	-11	150	* AG	532	7.6	.0	9.9
S. WL	0	0	150	9	* AG	54	5.5	.0	9.9
T. EL	0	0	-150	0	* AG	1	5.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	12	23	1.8
2. SE3	17	-23	1.8
3. SW3	-17	-14	1.8
4. NW3	-17	23	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	96.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	277.	1.4	.0	.1	.0	.0	.0	.0	.0	.0
3. SW3	82.	2.0	.0	.0	.0	.0	.0	.0	.2	.0
4. NW3	95.	2.1	.0	.0	.0	.0	.0	.1	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.2	1.2	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0
2. SE3	.0	.0	.0	.3	.0	.8	.0	.0	.0	.0	.0	.0
3. SW3	.3	.2	.0	.0	.0	.5	.7	.1	.0	.0	.0	.0
4. NW3	.2	1.0	.0	.0	.0	.0	.1	.3	.0	.2	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT BLVD AND PASEO PADRE PKWY AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	966	3.9	.0	15.0
B. NA	9	-150	9	0	* AG	754	6.0	.0	18.0
C. ND	9	0	9	150	* AG	1225	4.4	.0	9.9
D. NE	9	150	9	450	* AG	1225	3.9	.0	15.0
E. SF	-9	450	-9	150	* AG	1389	3.9	.0	15.0
F. SA	-9	150	-9	0	* AG	1021	6.0	.0	18.0
G. SD	-9	0	-9	-150	* AG	1327	4.6	.0	9.9
H. SE	-9	-150	-9	-450	* AG	1327	3.9	.0	15.0
I. WF	450	11	150	11	* AG	888	3.9	.0	19.5
J. WA	150	11	0	11	* AG	791	6.8	.0	22.5
K. WD	0	11	-150	11	* AG	740	4.5	.0	13.5
L. WE	-150	11	-450	11	* AG	740	3.9	.0	19.5
M. EF	-450	-11	-150	-11	* AG	850	3.9	.0	19.5
N. EA	-150	-11	0	-11	* AG	675	6.8	.0	22.5
O. ED	0	-11	150	-11	* AG	801	4.5	.0	13.5
P. EE	150	-11	450	-11	* AG	801	3.9	.0	19.5
Q. NL	0	0	7	-150	* AG	212	6.0	.0	9.9
R. SL	0	0	-7	150	* AG	368	6.3	.0	9.9
S. WL	0	0	150	7	* AG	97	6.8	.0	9.9
T. EL	0	0	-150	-7	* AG	175	6.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	17	21	1.8
2. SE3	17	-21	1.8
3. SW3	-17	-21	1.8
4. NW3	-17	21	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	261.	1.5	.0	.0	.3	.0	.0	.2	.0	.0			
2. SE3	353.	1.9	.0	.3	.7	.0	.2	.1	.0	.0			
3. SW3	5.	1.7	.0	.0	.0	.2	.1	.7	.0	.0			
4. NW3	174.	1.9	.2	.0	.0	.0	.0	.4	.8	.0			

RECEPTOR	* I	* J	* K	* L	* M	CONC/LINK (PPM)							
						N	O	P	Q	R	S	T	
1. NE3	.0	.2	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	
2. SE3	.0	.2	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	
3. SW3	.0	.0	.1	.0	.0	.2	.0	.0	.0	.2	.0	.0	
4. NW3	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT BLVD AND PASEO PADRE PKWY PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	1270	3.9	.0	15.0
B. NA	9	-150	9	0	* AG	1024	5.8	.0	18.0
C. ND	9	0	9	150	* AG	1558	4.6	.0	9.9
D. NE	9	150	9	450	* AG	1558	3.9	.0	15.0
E. SF	-9	450	-9	150	* AG	1500	3.9	.0	15.0
F. SA	-9	150	-9	0	* AG	1087	5.8	.0	18.0
G. SD	-9	0	-9	-150	* AG	1245	4.3	.0	9.9
H. SE	-9	-150	-9	-450	* AG	1245	3.9	.0	15.0
I. WF	450	11	150	11	* AG	841	3.9	.0	19.5
J. WA	150	11	0	11	* AG	792	7.0	.0	22.5
K. WD	0	11	-150	11	* AG	796	4.6	.0	13.5
L. WE	-150	11	-450	11	* AG	796	3.9	.0	19.5
M. EF	-450	-11	-150	-11	* AG	783	3.9	.0	19.5
N. EA	-150	-11	0	-11	* AG	602	7.0	.0	22.5
O. ED	0	-11	150	-11	* AG	795	4.6	.0	13.5
P. EE	150	-11	450	-11	* AG	795	3.9	.0	19.5
Q. NL	0	0	7	-150	* AG	246	5.7	.0	9.9
R. SL	0	0	-7	150	* AG	413	6.0	.0	9.9
S. WL	0	0	150	7	* AG	49	7.0	.0	9.9
T. EL	0	0	-150	-7	* AG	181	7.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	17	21	1.8
2. SE3	17	-21	1.8
3. SW3	-17	-21	1.8
4. NW3	-17	21	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	261.	1.7	.0	.0	.4	.0	.0	.2	.0	.0				
2. SE3	354.	2.2	.0	.3	.9	.0	.3	.1	.0	.0				
3. SW3	5.	1.8	.0	.0	.0	.3	.2	.8	.0	.0				
4. NW3	174.	1.9	.3	.1	.0	.0	.0	.4	.7	.0				

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.2	.4	.0	.1	.0	.0	.0	.0	.1	.0	.0
2. SE3	.0	.2	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	.0	.0	.1	.0	.0	.2	.0	.0	.0	.2	.0	.0
4. NW3	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: I-880 NB ON RAMP-BLACOW RD AND THORNTON AVE AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	554	3.9	.0	19.5
B. NA	7	-150	7	0	* AG	422	8.9	.0	13.5
C. ND	5	0	5	150	* AG	674	8.0	.0	9.9
D. NE	5	150	5	450	* AG	674	3.9	.0	15.0
E. SF	-9	450	-9	150	* AG	3	3.9	.0	15.0
F. SA	-9	150	-9	0	* AG	2	8.9	.0	13.5
G. SD	-9	0	-9	-150	* AG	626	8.0	.0	9.9
H. SE	-9	-150	-9	-450	* AG	626	3.9	.0	15.0
I. WF	450	7	150	7	* AG	1754	3.9	.0	15.0
J. WA	150	7	0	7	* AG	1356	5.7	.0	13.5
K. WD	0	9	-150	9	* AG	1118	4.7	.0	9.9
L. WE	-150	9	-450	9	* AG	1118	3.9	.0	10.5
M. EF	-450	-5	-150	-5	* AG	1071	3.9	.0	10.5
N. EA	-150	-5	0	-5	* AG	1070	7.6	.0	9.9
O. ED	0	-2	150	-2	* AG	964	4.2	.0	9.9
P. EE	150	-2	450	-2	* AG	964	3.9	.0	15.0
Q. NL	0	0	2	-150	* AG	132	8.9	.0	9.9
R. SL	0	0	-7	150	* AG	1	8.9	.0	9.9
S. WL	0	0	150	5	* AG	398	5.5	.0	9.9
T. EL	0	0	-150	-5	* AG	1	5.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	12	14	1.8
2. SE3	17	-10	1.8
3. SW3	-17	-10	1.8
4. NW3	-17	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	264.	1.9	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	274.	2.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	83.	2.6	.0	.1	.0	.0	.0	.0	.0	.3	.0			
4. NW3	95.	2.3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0		

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.2	.9	.0	.2	.3	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.2	.1	1.3	.0	.0	.0	.0	.0	.0
3. SW3	.2	.5	.0	.0	.0	.6	.6	.0	.0	.0	.3	.0
4. NW3	.2	1.1	.3	.0	.0	.0	.2	.2	.0	.0	.2	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: I-880 NB ON RAMP-BLACOW RD AND THORNTON AVE PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	567	3.9	.0	19.5
B. NA	*	7	-150	7	0	*	AG	404	8.9	.0	13.5
C. ND	*	5	0	5	150	*	AG	387	6.8	.0	9.9
D. NE	*	5	150	5	450	*	AG	387	3.9	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	3	3.9	.0	15.0
F. SA	*	-9	150	-9	0	*	AG	2	8.9	.0	13.5
G. SD	*	-9	0	-9	-150	*	AG	623	8.3	.0	9.9
H. SE	*	-9	-150	-9	-450	*	AG	623	3.9	.0	15.0
I. WF	*	450	7	150	7	*	AG	1366	3.9	.0	15.0
J. WA	*	150	7	0	7	*	AG	1113	5.5	.0	13.5
K. WD	*	0	9	-150	9	*	AG	1093	4.7	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	1093	3.9	.0	10.5
M. EF	*	-450	-5	-150	-5	*	AG	1883	3.9	.0	10.5
N. EA	*	-150	-5	0	-5	*	AG	1882	7.6	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	1716	4.5	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	1716	3.9	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	163	8.9	.0	9.9
R. SL	*	0	0	-7	150	*	AG	1	8.9	.0	9.9
S. WL	*	0	0	150	5	*	AG	253	5.5	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	1	5.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	12	14	1.8
2. SE3	*	17	-10	1.8
3. SW3	*	-17	-10	1.8
4. NW3	*	-17	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	263.	*	1.9	*	.0	.0	.2	.0	.0	.0	.0	.0
2. SE3	*	274.	*	3.0	*	.0	.2	.0	.0	.0	.0	.2	.0
3. SW3	*	83.	*	3.3	*	.0	.1	.0	.0	.0	.0	.3	.0
4. NW3	*	172.	*	2.0	*	.0	.1	.0	.0	.0	.0	.7	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.2	.8	.0	.2	.5	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.2	.2	2.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.2	.4	.0	.0	.0	1.0	.9	.0	.0	.0	.2	.0
4. NW3	*	.0	.0	.4	.0	.0	.5	.0	.0	.1	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT BLVD AND THORNTON AVE AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9	-450	9	-150	*	AG	501	3.9	.0	19.5
B. NA	*	9	-150	9	0	*	AG	317	6.0	.0	22.5
C. ND	*	7	0	7	150	*	AG	655	4.3	.0	9.9
D. NE	*	7	150	7	450	*	AG	655	3.9	.0	15.0
E. SF	*	-11	450	-11	150	*	AG	1311	3.9	.0	15.0
F. SA	*	-11	150	-11	0	*	AG	1109	6.3	.0	18.0
G. SD	*	-11	0	-11	-150	*	AG	912	4.4	.0	9.9
H. SE	*	-11	-150	-11	-450	*	AG	912	3.9	.0	15.0
I. WF	*	450	11	150	11	*	AG	682	3.9	.0	15.0
J. WA	*	150	11	0	11	*	AG	552	6.8	.0	18.0
K. WD	*	0	11	-150	11	*	AG	1054	4.7	.0	9.9
L. WE	*	-150	11	-450	11	*	AG	1054	3.9	.0	15.0
M. EF	*	-450	-11	-150	-11	*	AG	735	3.9	.0	15.0
N. EA	*	-150	-11	0	-11	*	AG	480	6.8	.0	22.5
O. ED	*	0	-11	150	-11	*	AG	608	4.5	.0	9.9
P. EE	*	150	-11	450	-11	*	AG	608	3.9	.0	15.0
Q. NL	*	0	0	5	-150	*	AG	184	6.0	.0	9.9
R. SL	*	0	0	-9	150	*	AG	202	6.0	.0	9.9
S. WL	*	0	0	150	9	*	AG	130	6.8	.0	9.9
T. EL	*	0	0	-150	-9	*	AG	255	6.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	19	1.8
2. SE3	*	19	-19	1.8
3. SW3	*	-19	-19	1.8
4. NW3	*	-19	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	264.	*	1.6	*	.0	.0	.2	.0	.0	.2	.0	.0
2. SE3	*	348.	*	1.1	*	.0	.0	.3	.0	.0	.3	.0	.0
3. SW3	*	4.	*	1.7	*	.0	.0	.0	.1	.2	.9	.0	.0
4. NW3	*	174.	*	1.7	*	.1	.0	.0	.0	.0	.4	.5	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.2	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.1	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0
3. SW3	*	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.3	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT BLVD AND THORNTON AVE PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	748	3.9	.0	19.5
B. NA	9	-150	9	0	* AG	566	6.8	.0	22.5
C. ND	7	0	7	150	* AG	1134	5.0	.0	9.9
D. NE	7	150	7	450	* AG	1134	3.9	.0	15.0
E. SF	-11	450	-11	150	* AG	841	3.9	.0	15.0
F. SA	-11	150	-11	0	* AG	682	6.8	.0	18.0
G. SD	-11	0	-11	-150	* AG	702	4.5	.0	9.9
H. SE	-11	-150	-11	-450	* AG	702	3.9	.0	15.0
I. WF	450	11	150	11	* AG	704	3.9	.0	15.0
J. WA	150	11	0	11	* AG	563	6.3	.0	18.0
K. WD	0	11	-150	11	* AG	757	4.4	.0	9.9
L. WE	-150	11	-450	11	* AG	757	3.9	.0	15.0
M. EF	-450	-11	-150	-11	* AG	1240	3.9	.0	15.0
N. EA	-150	-11	0	-11	* AG	726	6.3	.0	22.5
O. ED	0	-11	150	-11	* AG	940	4.4	.0	9.9
P. EE	150	-11	450	-11	* AG	940	3.9	.0	15.0
Q. NL	0	0	5	-150	* AG	182	6.8	.0	9.9
R. SL	0	0	-9	150	* AG	159	6.8	.0	9.9
S. WL	0	0	150	9	* AG	141	6.3	.0	9.9
T. EL	0	0	-150	-9	* AG	514	6.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	19	1.8
2. SE3	19	-19	1.8
3. SW3	-19	-19	1.8
4. NW3	-19	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	261.	1.6	.0	.0	.3	.0	.0	.2	.0	.0			
2. SE3	348.	1.4	.0	.2	.5	.0	.0	.2	.0	.0			
3. SW3	5.	1.5	.0	.0	.0	.2	.0	.6	.0	.0			
4. NW3	173.	1.5	.2	.0	.0	.0	.0	.3	.4	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.1	.5	.0	.2	.1	.0	.0	.0	.0	.0	.1
2. SE3	.0	.1	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
3. SW3	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.1
4. NW3	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0	.0	.1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO-NILES RD AND NURSERY AVE AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	560	3.9	.0	10.5
B. NA	*	2	-150	2	0	*	AG	559	6.0	.0	9.9
C. ND	*	2	0	2	150	*	AG	610	4.3	.0	9.9
D. NE	*	2	150	2	450	*	AG	610	3.9	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	416	3.9	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	303	5.7	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	398	4.2	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	398	3.9	.0	10.5
I. WF	*	450	2	150	2	*	AG	481	3.9	.0	10.5
J. WA	*	150	2	0	2	*	AG	383	8.3	.0	9.9
K. WD	*	0	2	-150	2	*	AG	13	4.6	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	13	3.9	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	9	3.9	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	5	7.3	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	445	5.1	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	445	3.9	.0	10.5
Q. NL	*	0	0	2	-150	*	AG	1	5.5	.0	9.9
R. SL	*	0	0	-2	150	*	AG	113	5.5	.0	9.9
S. WL	*	0	0	150	2	*	AG	98	7.3	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	4	7.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	8	1.8
2. SE3	*	8	-8	1.8
3. SW3	*	-8	-8	1.8
4. NW3	*	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	184.	*	1.5	*	.0	.7	.0	.0	.0	.0	.2	.0
2. SE3	*	356.	*	1.4	*	.0	.0	.5	.0	.0	.2	.0	.0
3. SW3	*	85.	*	1.4	*	.0	.2	.0	.0	.0	.0	.1	.0
4. NW3	*	94.	*	1.5	*	.0	.0	.1	.0	.0	.1	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	.0	.2	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	.0	.3	.0	.0	.0	.0	.5	.0	.0	.0	.1	.0
4. NW3	*	.0	.7	.0	.0	.0	.0	.2	.1	.0	.0	.1	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO-NILES RD AND NURSERY AVE PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	708	3.9	.0	10.5
B. NA	2	-150	2	0	* AG	701	6.3	.0	9.9
C. ND	2	0	2	150	* AG	619	4.2	.0	9.9
D. NE	2	150	2	450	* AG	619	3.9	.0	10.5
E. SF	-2	450	-2	150	* AG	437	3.9	.0	10.5
F. SA	-2	150	-2	0	* AG	389	5.5	.0	9.9
G. SD	-2	0	-2	-150	* AG	438	4.1	.0	9.9
H. SE	-2	-150	-2	-450	* AG	438	3.9	.0	10.5
I. WF	450	2	150	2	* AG	420	3.9	.0	10.5
J. WA	150	2	0	2	* AG	384	8.6	.0	9.9
K. WD	0	2	-150	2	* AG	14	4.7	.0	9.9
L. WE	-150	2	-450	2	* AG	14	3.9	.0	10.5
M. EF	-450	-2	-150	-2	* AG	38	3.9	.0	10.5
N. EA	-150	-2	0	-2	* AG	29	7.6	.0	9.9
O. ED	0	-2	150	-2	* AG	532	7.3	.0	9.9
P. EE	150	-2	450	-2	* AG	532	3.9	.0	10.5
Q. NL	0	0	2	-150	* AG	7	5.3	.0	9.9
R. SL	0	0	-2	150	* AG	48	5.3	.0	9.9
S. WL	0	0	150	2	* AG	36	7.6	.0	9.9
T. EL	0	0	-150	-2	* AG	9	7.6	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	8	1.8
2. SE3	8	-8	1.8
3. SW3	-8	-8	1.8
4. NW3	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	184.	1.8	.1	.9	.0	.0	.0	.0	.2	.1			
2. SE3	356.	1.5	.0	.1	.5	.0	.1	.2	.0	.0			
3. SW3	85.	1.7	.0	.2	.0	.0	.0	.0	.1	.0			
4. NW3	95.	1.6	.0	.0	.1	.0	.0	.2	.0	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.2	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. SE3	.0	.2	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
3. SW3	.0	.4	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0
4. NW3	.0	.7	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO-NILES RD AND LINDA DR AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	0	-450	0	-150	*	AG	612	3.9	.0	6.0
B. NA	*	0	-150	0	0	*	AG	611	.0	.0	9.9
C. ND	*	0	0	0	150	*	AG	609	3.9	.0	9.9
D. NE	*	0	150	0	450	*	AG	609	3.9	.0	6.0
E. SF	*	0	450	0	150	*	AG	412	.0	.0	6.0
F. SA	*	0	150	0	0	*	AG	406	3.9	.0	9.9
G. SD	*	0	0	0	-150	*	AG	414	3.9	.0	9.9
H. SE	*	0	-150	0	-450	*	AG	414	.0	.0	6.0
I. WF	*	450	0	150	0	*	AG	11	3.9	.0	6.0
J. WA	*	150	0	0	0	*	AG	3	3.9	.0	9.9
K. WD	*	0	0	-150	0	*	AG	3	.0	.0	9.9
L. WE	*	-150	0	-450	0	*	AG	3	3.9	.0	6.0
M. EF	*	-450	0	-150	0	*	AG	3	.0	.0	6.0
N. EA	*	-150	0	0	0	*	AG	2	.0	.0	9.9
O. ED	*	0	0	150	0	*	AG	12	.0	.0	9.9
P. EE	*	150	0	450	0	*	AG	12	.0	.0	6.0
Q. NL	*	0	0	2	-150	*	AG	1	.0	.0	9.9
R. SL	*	0	0	-2	150	*	AG	6	.0	.0	9.9
S. WL	*	0	0	150	2	*	AG	8	.0	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	1	.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	3	3	1.8
2. SE3	*	3	-3	1.8
3. SW3	*	-3	-3	1.8
4. NW3	*	-3	3	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	358.	*	1.3	*	.0	.0	.7	.1	.0	.5	.0	.0
2. SE3	*	358.	*	1.2	*	.0	.0	.6	.1	.0	.4	.0	.0
3. SW3	*	2.	*	1.2	*	.0	.0	.6	.1	.0	.4	.0	.0
4. NW3	*	2.	*	1.3	*	.0	.0	.7	.1	.0	.5	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO-NILES RD AND LINDA DR PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	0	-450	0	-150	*	AG	531	3.9	.0	6.0
B. NA	*	0	-150	0	0	*	AG	530	.0	.0	9.9
C. ND	*	0	0	0	150	*	AG	524	3.9	.0	9.9
D. NE	*	0	150	0	450	*	AG	524	3.9	.0	6.0
E. SF	*	0	450	0	150	*	AG	612	.0	.0	6.0
F. SA	*	0	150	0	0	*	AG	608	3.9	.0	9.9
G. SD	*	0	0	0	-150	*	AG	617	3.9	.0	9.9
H. SE	*	0	-150	0	-450	*	AG	617	.0	.0	6.0
I. WF	*	450	0	150	0	*	AG	14	3.9	.0	6.0
J. WA	*	150	0	0	0	*	AG	5	3.9	.0	9.9
K. WD	*	0	0	-150	0	*	AG	3	.0	.0	9.9
L. WE	*	-150	0	-450	0	*	AG	3	3.9	.0	6.0
M. EF	*	-450	0	-150	0	*	AG	3	.0	.0	6.0
N. EA	*	-150	0	0	0	*	AG	2	.0	.0	9.9
O. ED	*	0	0	150	0	*	AG	16	.0	.0	9.9
P. EE	*	150	0	450	0	*	AG	16	.0	.0	6.0
Q. NL	*	0	0	2	-150	*	AG	1	.0	.0	9.9
R. SL	*	0	0	-2	150	*	AG	4	.0	.0	9.9
S. WL	*	0	0	150	2	*	AG	9	.0	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	1	.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	3	3	1.8
2. SE3	*	3	-3	1.8
3. SW3	*	-3	-3	1.8
4. NW3	*	-3	3	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	358.	*	1.4	*	.0	.0	.6	.1	.0	.7	.0	.0
2. SE3	*	358.	*	1.3	*	.0	.0	.5	.1	.0	.6	.0	.0
3. SW3	*	2.	*	1.3	*	.0	.0	.5	.1	.0	.6	.0	.0
4. NW3	*	2.	*	1.4	*	.0	.0	.6	.1	.0	.7	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION BLVD AND NURSERY AVE AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	1517	3.9	.0	15.0
B. NA	*	7	-150	7	0	*	AG	1208	5.5	.0	13.5
C. ND	*	7	0	7	150	*	AG	1312	4.3	.0	9.9
D. NE	*	7	150	7	450	*	AG	1312	3.9	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	1183	3.9	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	1181	5.5	.0	13.5
G. SD	*	-7	0	-7	-150	*	AG	1374	4.3	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	1374	3.9	.0	15.0
I. WF	*	450	2	150	2	*	AG	91	3.9	.0	10.5
J. WA	*	150	2	0	2	*	AG	42	8.9	.0	9.9
K. WD	*	0	2	-150	2	*	AG	506	8.9	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	506	3.9	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	441	3.9	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	322	8.9	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	40	6.3	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	40	3.9	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	309	5.5	.0	9.9
R. SL	*	0	0	-5	150	*	AG	2	5.3	.0	9.9
S. WL	*	0	0	150	2	*	AG	49	8.9	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	119	8.9	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	265.	*	2.1	*	.0	.0	.3	.0	.0	.2	.0	.0
2. SE3	*	275.	*	2.1	*	.0	.4	.0	.0	.0	.2	.0	.0
3. SW3	*	5.	*	2.0	*	.0	.0	.0	.3	.1	1.0	.0	.0
4. NW3	*	172.	*	2.0	*	.2	.3	.0	.0	.0	.0	.8	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.8	.0	.0	.3	.0	.0	.0	.0	.0	.2
2. SE3	*	.0	.0	.5	.0	.0	.6	.0	.0	.0	.0	.0	.2
3. SW3	*	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.3	.0	.0	.2	.0	.0	.1	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION BLVD AND NURSERY AVE PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	2033	3.9	.0	15.0
B. NA	7	-150	7	0	* AG	1660	5.8	.0	13.5
C. ND	7	0	7	150	* AG	1759	4.5	.0	9.9
D. NE	7	150	7	450	* AG	1759	3.9	.0	15.0
E. SF	-7	450	-7	150	* AG	765	3.9	.0	15.0
F. SA	-7	150	-7	0	* AG	762	5.5	.0	13.5
G. SD	-7	0	-7	-150	* AG	1142	4.2	.0	9.9
H. SE	-7	-150	-7	-450	* AG	1142	3.9	.0	15.0
I. WF	450	2	150	2	* AG	26	3.9	.0	10.5
J. WA	150	2	0	2	* AG	8	8.6	.0	9.9
K. WD	0	2	-150	2	* AG	450	8.9	.0	9.9
L. WE	-150	2	-450	2	* AG	450	3.9	.0	10.5
M. EF	-450	-2	-150	-2	* AG	570	3.9	.0	10.5
N. EA	-150	-2	0	-2	* AG	450	8.9	.0	9.9
O. ED	0	-2	150	-2	* AG	43	5.7	.0	9.9
P. EE	150	-2	450	-2	* AG	43	3.9	.0	10.5
Q. NL	0	0	5	-150	* AG	373	5.5	.0	9.9
R. SL	0	0	-5	150	* AG	3	5.3	.0	9.9
S. WL	0	0	150	2	* AG	18	8.6	.0	9.9
T. EL	0	0	-150	-2	* AG	120	8.6	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	8	1.8
2. SE3	14	-8	1.8
3. SW3	-14	-8	1.8
4. NW3	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	185.	2.2	.2	1.5	.0	.0	.0	.0	.0	.3
2. SE3	275.	2.4	.0	.6	.0	.0	.0	.0	.2	.0
3. SW3	5.	1.8	.0	.0	.0	.4	.1	.7	.0	.0
4. NW3	172.	2.1	.2	.4	.0	.0	.0	.0	.7	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
2. SE3	.0	.0	.4	.0	.0	.7	.0	.0	.0	.0	.0	.2
3. SW3	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.3	.0	.0	.2	.0	.0	.2	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION BLVD AND NILES CANYON RD-NILES BLND AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	1168	3.9	.0	19.5
B. NA	*	11	-150	11	0	*	AG	1070	6.0	.0	22.5
C. ND	*	11	0	11	150	*	AG	1569	4.4	.0	13.5
D. NE	*	11	150	11	450	*	AG	1569	3.9	.0	19.5
E. SF	*	-11	450	-11	150	*	AG	1370	3.9	.0	19.5
F. SA	*	-11	150	-11	0	*	AG	1051	6.0	.0	22.5
G. SD	*	-11	0	-11	-150	*	AG	1840	4.5	.0	13.5
H. SE	*	-11	-150	-11	-450	*	AG	1840	3.9	.0	19.5
I. WF	*	450	9	150	9	*	AG	1392	3.9	.0	10.5
J. WA	*	150	9	0	9	*	AG	805	6.8	.0	18.0
K. WD	*	0	9	-150	9	*	AG	263	4.5	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	263	3.9	.0	10.5
M. EF	*	-450	-9	-150	-9	*	AG	491	3.9	.0	10.5
N. EA	*	-150	-9	0	-9	*	AG	420	6.8	.0	9.9
O. ED	*	0	-9	150	-9	*	AG	749	6.3	.0	9.9
P. EE	*	150	-9	450	-9	*	AG	749	3.9	.0	10.5
Q. NL	*	0	0	7	-150	*	AG	98	6.0	.0	9.9
R. SL	*	0	0	-7	150	*	AG	319	6.0	.0	9.9
S. WL	*	0	0	150	9	*	AG	587	7.0	.0	9.9
T. EL	*	0	0	-150	-9	*	AG	71	6.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	21	14	1.8
2. SE3	*	21	-14	1.8
3. SW3	*	-21	-14	1.8
4. NW3	*	-21	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	186.	*	1.8	*	.1	.7	.0	.0	.0	.0	.0	.3
2. SE3	*	353.	*	2.1	*	.0	.2	.8	.0	.3	.0	.0	.0
3. SW3	*	82.	*	2.2	*	.0	.2	.0	.0	.0	.0	.5	.0
4. NW3	*	94.	*	2.0	*	.0	.0	.2	.0	.0	.3	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.3	.0	.0	.0	.0	.2	.0	.0	.0	.2	.0
2. SE3	*	.0	.2	.0	.0	.0	.0	.3	.0	.0	.0	.2	.0
3. SW3	*	.2	.2	.0	.0	.0	.3	.6	.0	.0	.0	.3	.0
4. NW3	*	.2	.7	.0	.0	.0	.0	.0	.2	.0	.0	.3	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION BLVD AND NILES CANYON RD-NILES BLVD PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	2202	3.9	.0	19.5
B. NA	*	11	-150	11	0	*	AG	1926	5.7	.0	22.5
C. ND	*	11	0	11	150	*	AG	1958	4.3	.0	13.5
D. NE	*	11	150	11	450	*	AG	1958	3.9	.0	19.5
E. SF	*	-11	450	-11	150	*	AG	1106	3.9	.0	19.5
F. SA	*	-11	150	-11	0	*	AG	559	5.5	.0	22.5
G. SD	*	-11	0	-11	-150	*	AG	1200	4.1	.0	13.5
H. SE	*	-11	-150	-11	-450	*	AG	1200	3.9	.0	19.5
I. WF	*	450	9	150	9	*	AG	1124	3.9	.0	10.5
J. WA	*	150	9	0	9	*	AG	640	7.3	.0	18.0
K. WD	*	0	9	-150	9	*	AG	426	5.3	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	426	3.9	.0	10.5
M. EF	*	-450	-9	-150	-9	*	AG	364	3.9	.0	10.5
N. EA	*	-150	-9	0	-9	*	AG	345	7.3	.0	9.9
O. ED	*	0	-9	150	-9	*	AG	1212	8.9	.0	9.9
P. EE	*	150	-9	450	-9	*	AG	1212	3.9	.0	10.5
Q. NL	*	0	0	7	-150	*	AG	276	5.5	.0	9.9
R. SL	*	0	0	-7	150	*	AG	547	5.5	.0	9.9
S. WL	*	0	0	150	9	*	AG	484	7.3	.0	9.9
T. EL	*	0	0	-150	-9	*	AG	19	7.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	21	14	1.8
2. SE3	*	21	-14	1.8
3. SW3	*	-21	-14	1.8
4. NW3	*	-21	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	185.	*	2.5	*	.3	1.2	.0	.0	.0	.0	.0	.2
2. SE3	*	353.	*	2.8	*	.0	.3	.9	.1	.2	.0	.0	.0
3. SW3	*	85.	*	2.9	*	.0	.3	.0	.0	.0	.0	.3	.0
4. NW3	*	97.	*	2.0	*	.0	.0	.2	.0	.0	.2	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.2	.0	.0	.0	.0	.4	.0	.0	.0	.2	.0
2. SE3	*	.0	.2	.0	.0	.0	.0	.8	.0	.0	.0	.2	.0
3. SW3	*	.2	.0	.0	.0	.0	.2	1.5	.0	.0	.0	.0	.0
4. NW3	*	.0	.5	.2	.0	.0	.0	.3	.2	.0	.1	.3	.0

Title : Alameda County Subarea Annual CYr 2015 Default Title
Version : Emfac2007 V2.3 Nov 1 2006
Run Date : 2008/09/10 17:07:25
Scen Year: 2015 -- All model years in the range 1971 to 2015 selected
Season : Annual
Area : Alameda

Year: 2015 -- Model Years 1971 to 2015 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006

County Average Alameda County Average

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Carbon Monoxide Temperature: 60F Relative Humidity: 50%

Speed MPH	LDA ALL	LDT1 ALL	LDT2 ALL	MDV ALL	LHD1 ALL	LHD2 ALL	MHD ALL	HHD ALL	OBUS ALL	UBUS ALL	MCY ALL	SBUS ALL	MH ALL	ALL ALL
3	2.794	5.597	4.266	4.373	4.764	6.172	8.067	14.39	11.187	17.215	27.594	30.112	31.171	4.357
4	2.713	5.39	4.143	4.248	4.764	6.172	8.067	14.39	11.187	17.215	27.594	30.112	31.171	4.256
5	2.637	5.197	4.027	4.131	4.764	6.172	8.067	14.39	11.187	17.215	27.594	30.112	31.171	4.161
6	2.564	5.014	3.916	4.019	4.377	5.672	7.44	13.342	10.29	15.669	26.564	27.692	28.607	3.997
7	2.495	4.843	3.811	3.913	4.03	5.225	6.875	12.363	9.484	14.295	25.616	25.521	26.312	3.844
8	2.43	4.683	3.712	3.813	3.719	4.823	6.366	11.449	8.76	13.073	24.746	23.57	24.255	3.701
9	2.368	4.533	3.617	3.717	3.439	4.461	5.906	10.599	8.108	11.984	23.945	21.813	22.407	3.568
10	2.309	4.392	3.527	3.626	3.187	4.135	5.491	9.808	7.52	11.012	23.21	20.23	20.746	3.443
11	2.252	4.259	3.441	3.539	2.96	3.842	5.114	9.075	6.99	10.142	22.534	18.802	19.25	3.327
12	2.199	4.134	3.359	3.456	2.755	3.576	4.773	8.398	6.511	9.363	21.915	17.511	17.902	3.217
13	2.147	4.017	3.281	3.376	2.569	3.337	4.463	7.776	6.077	8.664	21.347	16.343	16.684	3.115
14	2.098	3.905	3.206	3.301	2.402	3.119	4.181	7.207	5.684	8.037	20.828	15.285	15.583	3.019
15	2.051	3.8	3.134	3.228	2.25	2.923	3.925	6.689	5.327	7.472	20.354	14.325	14.587	2.93
16	2.007	3.701	3.065	3.158	2.112	2.744	3.692	6.222	5.004	6.964	19.922	13.454	13.685	2.846
17	1.964	3.607	2.999	3.092	1.987	2.582	3.48	5.804	4.71	6.505	19.531	12.662	12.867	2.767
18	1.922	3.518	2.936	3.028	1.873	2.434	3.286	5.434	4.442	6.091	19.178	11.942	12.124	2.693
19	1.883	3.433	2.876	2.966	1.769	2.3	3.109	5.097	4.198	5.717	18.861	11.287	11.449	2.624
20	1.845	3.353	2.817	2.907	1.675	2.178	2.947	4.923	3.977	5.379	18.578	10.69	10.836	2.563
21	1.808	3.277	2.761	2.85	1.59	2.067	2.799	4.758	3.774	5.072	18.329	10.145	10.278	2.505
22	1.773	3.204	2.707	2.796	1.511	1.965	2.664	4.601	3.59	4.794	18.112	9.649	9.77	2.45
23	1.739	3.136	2.656	2.743	1.44	1.873	2.54	4.453	3.421	4.542	17.926	9.196	9.307	2.398
24	1.707	3.07	2.606	2.692	1.375	1.789	2.427	4.313	3.267	4.314	17.77	8.782	8.886	2.348
25	1.675	3.008	2.558	2.643	1.316	1.712	2.323	4.18	3.127	4.106	17.644	8.405	8.503	2.301
26	1.645	2.949	2.512	2.596	1.262	1.642	2.229	4.054	2.999	3.918	17.547	8.061	8.154	2.256
27	1.616	2.893	2.467	2.551	1.213	1.578	2.142	3.935	2.882	3.747	17.479	7.747	7.837	2.214
28	1.588	2.839	2.424	2.507	1.168	1.519	2.062	3.822	2.776	3.592	17.44	7.461	7.548	2.173
29	1.561	2.789	2.383	2.465	1.128	1.467	1.99	3.716	2.679	3.451	17.431	7.201	7.286	2.135
30	1.535	2.74	2.343	2.424	1.091	1.418	1.923	3.616	2.591	3.324	17.451	6.964	7.049	2.098
31	1.51	2.694	2.305	2.385	1.057	1.375	1.863	3.521	2.511	3.209	17.5	6.749	6.835	2.063
32	1.486	2.651	2.268	2.347	1.027	1.335	1.808	3.433	2.438	3.105	17.58	6.554	6.641	2.031
33	1.463	2.61	2.232	2.311	1	1.3	1.758	3.349	2.373	3.012	17.692	6.378	6.467	2
34	1.441	2.57	2.198	2.276	0.975	1.268	1.713	3.272	2.314	2.928	17.836	6.22	6.312	1.97
35	1.419	2.533	2.165	2.242	0.954	1.239	1.672	3.199	2.261	2.853	18.013	6.079	6.174	1.942
36	1.399	2.498	2.133	2.209	0.934	1.214	1.635	3.132	2.214	2.787	18.226	5.953	6.052	1.916
37	1.379	2.465	2.103	2.178	0.917	1.192	1.602	3.07	2.173	2.729	18.475	5.843	5.945	1.892
38	1.36	2.434	2.074	2.148	0.903	1.172	1.573	3.013	2.137	2.678	18.763	5.746	5.853	1.869
39	1.342	2.405	2.045	2.119	0.89	1.156	1.548	2.961	2.106	2.634	19.093	5.663	5.776	1.847
40	1.324	2.378	2.018	2.091	0.879	1.142	1.526	2.913	2.079	2.597	19.465	5.592	5.712	1.827

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO AND NURSERY AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	651	2.1	.0	10.5
B. NA	2	-150	2	0	* AG	650	3.2	.0	9.9
C. ND	2	0	2	150	* AG	654	2.3	.0	9.9
D. NE	2	150	2	450	* AG	654	2.1	.0	10.5
E. SF	-2	450	-2	150	* AG	578	2.1	.0	10.5
F. SA	-2	150	-2	0	* AG	316	2.9	.0	9.9
G. SD	-2	0	-2	-150	* AG	411	2.2	.0	9.9
H. SE	-2	-150	-2	-450	* AG	411	2.1	.0	10.5
I. WF	450	2	150	2	* AG	481	2.1	.0	10.5
J. WA	150	2	0	2	* AG	383	4.3	.0	9.9
K. WD	0	2	-150	2	* AG	13	2.5	.0	9.9
L. WE	-150	2	-450	2	* AG	13	2.1	.0	10.5
M. EF	-450	-2	-150	-2	* AG	9	2.1	.0	10.5
N. EA	-150	-2	0	-2	* AG	5	3.8	.0	9.9
O. ED	0	-2	150	-2	* AG	641	4.2	.0	9.9
P. EE	150	-2	450	-2	* AG	641	2.1	.0	10.5
Q. NL	0	0	2	-150	* AG	1	2.8	.0	9.9
R. SL	0	0	-2	150	* AG	262	2.9	.0	9.9
S. WL	0	0	150	2	* AG	98	3.8	.0	9.9
T. EL	0	0	-150	-2	* AG	4	3.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	8	1.8
2. SE3	8	-8	1.8
3. SW3	-8	-8	1.8
4. NW3	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	184.	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	355.	1.0	.0	.0	.3	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	85.	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	95.	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0
3. SW3	.0	.2	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0
4. NW3	.0	.4	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO AND NURSERY AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	999	2.1	.0	10.5
B. NA	*	2	-150	2	0	*	AG	998	3.8	.0	9.9
C. ND	*	2	0	2	150	*	AG	672	2.3	.0	9.9
D. NE	*	2	150	2	450	*	AG	672	2.1	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	500	2.1	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	387	2.9	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	482	2.3	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	482	2.1	.0	10.5
I. WF	*	450	2	150	2	*	AG	543	2.1	.0	10.5
J. WA	*	150	2	0	2	*	AG	445	4.4	.0	9.9
K. WD	*	0	2	-150	2	*	AG	13	2.5	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	13	2.1	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	9	2.1	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	5	3.8	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	884	4.4	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	884	2.1	.0	10.5
Q. NL	*	0	0	2	-150	*	AG	1	2.8	.0	9.9
R. SL	*	0	0	-2	150	*	AG	113	2.8	.0	9.9
S. WL	*	0	0	150	2	*	AG	98	3.8	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	4	3.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	8	1.8
2. SE3	*	8	-8	1.8
3. SW3	*	-8	-8	1.8
4. NW3	*	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	184.	*	1.4	*	.0	.7	.0	.0	.0	.0	.0	.0
2. SE3	*	85.	*	1.2	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	85.	*	1.4	*	.0	.2	.0	.0	.0	.0	.0	.0
4. NW3	*	95.	*	1.1	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. SE3	*	.0	.2	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0
3. SW3	*	.0	.2	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0
4. NW3	*	.0	.4	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO AND NURSERY PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	848	2.1	.0	10.5
B. NA	2	-150	2	0	* AG	841	3.4	.0	9.9
C. ND	2	0	2	150	* AG	758	2.4	.0	9.9
D. NE	2	150	2	450	* AG	758	2.1	.0	10.5
E. SF	-2	450	-2	150	* AG	496	2.1	.0	10.5
F. SA	-2	150	-2	0	* AG	435	2.9	.0	9.9
G. SD	-2	0	-2	-150	* AG	668	2.3	.0	9.9
H. SE	-2	-150	-2	-450	* AG	668	2.1	.0	10.5
I. WF	450	2	150	2	* AG	604	2.1	.0	10.5
J. WA	150	2	0	2	* AG	384	4.2	.0	9.9
K. WD	0	2	-150	2	* AG	14	2.5	.0	9.9
L. WE	-150	2	-450	2	* AG	14	2.1	.0	10.5
M. EF	-450	-2	-150	-2	* AG	38	2.1	.0	10.5
N. EA	-150	-2	0	-2	* AG	29	3.7	.0	9.9
O. ED	0	-2	150	-2	* AG	546	3.3	.0	9.9
P. EE	150	-2	450	-2	* AG	546	2.1	.0	10.5
Q. NL	0	0	2	-150	* AG	7	2.9	.0	9.9
R. SL	0	0	-2	150	* AG	61	2.9	.0	9.9
S. WL	0	0	150	2	* AG	220	3.7	.0	9.9
T. EL	0	0	-150	-2	* AG	9	3.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	8	1.8
2. SE3	8	-8	1.8
3. SW3	-8	-8	1.8
4. NW3	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	184.	1.1	.0	.6	.0	.0	.0	.0	.1	.0
2. SE3	356.	1.0	.0	.0	.4	.0	.0	.1	.0	.0
3. SW3	85.	1.0	.0	.2	.0	.0	.0	.0	.1	.0
4. NW3	94.	.9	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	.0	.2	.0	.0	.0	.0	.4	.0	.0	.0	.1	.0
4. NW3	.0	.3	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO AND NURSERY PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	744	2.1	.0	10.5
B. NA	2	-150	2	0	* AG	737	3.3	.0	9.9
C. ND	2	0	2	150	* AG	654	2.3	.0	9.9
D. NE	2	150	2	450	* AG	654	2.1	.0	10.5
E. SF	-2	450	-2	150	* AG	462	2.1	.0	10.5
F. SA	-2	150	-2	0	* AG	389	2.9	.0	9.9
G. SD	-2	0	-2	-150	* AG	587	2.3	.0	9.9
H. SE	-2	-150	-2	-450	* AG	587	2.1	.0	10.5
I. WF	450	2	150	2	* AG	569	2.1	.0	10.5
J. WA	150	2	0	2	* AG	384	4.2	.0	9.9
K. WD	0	2	-150	2	* AG	14	2.5	.0	9.9
L. WE	-150	2	-450	2	* AG	14	2.1	.0	10.5
M. EF	-450	-2	-150	-2	* AG	38	2.1	.0	10.5
N. EA	-150	-2	0	-2	* AG	29	3.7	.0	9.9
O. ED	0	-2	150	-2	* AG	558	3.7	.0	9.9
P. EE	150	-2	450	-2	* AG	558	2.1	.0	10.5
Q. NL	0	0	2	-150	* AG	7	2.9	.0	9.9
R. SL	0	0	-2	150	* AG	73	2.9	.0	9.9
S. WL	0	0	150	2	* AG	185	3.7	.0	9.9
T. EL	0	0	-150	-2	* AG	9	3.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	8	1.8
2. SE3	8	-8	1.8
3. SW3	-8	-8	1.8
4. NW3	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	184.	1.0	.0	.5	.0	.0	.0	.0	.1	.0			
2. SE3	356.	.9	.0	.0	.3	.0	.0	.1	.0	.0			
3. SW3	85.	1.0	.0	.1	.0	.0	.0	.0	.0	.0			
4. NW3	95.	.9	.0	.0	.0	.0	.0	.0	.0	.0			

RECEPTOR	* I	* J	* K	* L	* M	CONC/LINK (PPM)							
						N	O	P	Q	R	S	T	
1. NE3	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
2. SE3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
3. SW3	.0	.2	.0	.0	.0	.0	.4	.0	.0	.0	.1	.0	
4. NW3	.0	.3	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 7TH STREET AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	349	2.1	.0	10.5
B. NA	2	-150	2	0	* AG	156	4.2	.0	9.9
C. ND	2	0	2	150	* AG	175	2.8	.0	9.9
D. NE	2	150	2	450	* AG	175	2.1	.0	10.5
E. SF	-2	450	-2	150	* AG	174	2.1	.0	10.5
F. SA	-2	150	-2	0	* AG	117	4.2	.0	9.9
G. SD	-2	0	-2	-150	* AG	425	4.4	.0	9.9
H. SE	-2	-150	-2	-450	* AG	425	2.1	.0	10.5
I. WF	450	5	150	5	* AG	1390	2.1	.0	15.0
J. WA	150	5	0	5	* AG	1277	3.0	.0	9.9
K. WD	0	5	-150	5	* AG	1467	2.3	.0	9.9
L. WE	-150	5	-450	5	* AG	1467	2.1	.0	15.0
M. EF	-450	-5	-150	-5	* AG	909	2.1	.0	15.0
N. EA	-150	-5	0	-5	* AG	853	2.9	.0	9.9
O. ED	0	-5	150	-5	* AG	755	2.2	.0	9.9
P. EE	150	-5	450	-5	* AG	755	2.1	.0	15.0
Q. NL	0	0	2	-150	* AG	193	4.2	.0	9.9
R. SL	0	0	-2	150	* AG	57	4.2	.0	9.9
S. WL	0	0	150	2	* AG	113	2.8	.0	9.9
T. EL	0	0	-150	-2	* AG	56	2.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	12	1.8
2. SE3	8	-12	1.8
3. SW3	-8	-12	1.8
4. NW3	-8	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	185.	.9	.0	.1	.0	.0	.0	.0	.2	.0
2. SE3	276.	.9	.0	.0	.0	.0	.0	.0	.1	.0
3. SW3	84.	.8	.0	.0	.0	.0	.0	.0	.1	.0
4. NW3	175.	1.0	.0	.0	.0	.0	.0	.0	.4	.0

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
2. SE3	.0	.0	.1	.1	.0	.4	.0	.0	.0	.0	.0	.0
3. SW3	.1	.2	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	.0	.0	.2	.0	.0	.1	.0	.0	.1	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 7TH STREET AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	332	2.1	.0	10.5
B. NA	2	-150	2	0	* AG	139	4.3	.0	9.9
C. ND	2	0	2	150	* AG	169	2.9	.0	9.9
D. NE	2	150	2	450	* AG	169	2.1	.0	10.5
E. SF	-2	450	-2	150	* AG	261	2.1	.0	10.5
F. SA	-2	150	-2	0	* AG	204	4.3	.0	9.9
G. SD	-2	0	-2	-150	* AG	624	4.4	.0	9.9
H. SE	-2	-150	-2	-450	* AG	624	2.1	.0	10.5
I. WF	450	5	150	5	* AG	1874	2.1	.0	15.0
J. WA	150	5	0	5	* AG	1497	3.2	.0	9.9
K. WD	0	5	-150	5	* AG	1761	2.4	.0	9.9
L. WE	-150	5	-450	5	* AG	1761	2.1	.0	15.0
M. EF	-450	-5	-150	-5	* AG	790	2.1	.0	15.0
N. EA	-150	-5	0	-5	* AG	723	2.9	.0	9.9
O. ED	0	-5	150	-5	* AG	703	2.2	.0	9.9
P. EE	150	-5	450	-5	* AG	703	2.1	.0	15.0
Q. NL	0	0	2	-150	* AG	193	4.3	.0	9.9
R. SL	0	0	-2	150	* AG	57	4.3	.0	9.9
S. WL	0	0	150	2	* AG	377	2.9	.0	9.9
T. EL	0	0	-150	-2	* AG	67	2.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	12	1.8
2. SE3	8	-12	1.8
3. SW3	-8	-12	1.8
4. NW3	-8	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	185.	1.1	.0	.1	.0	.0	.0	.0	.3	.0
2. SE3	276.	.9	.0	.0	.0	.0	.0	.0	.1	.0
3. SW3	83.	1.0	.0	.0	.0	.0	.0	.0	.2	.0
4. NW3	176.	1.2	.0	.0	.0	.0	.0	.0	.5	.0

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
2. SE3	.0	.0	.2	.1	.0	.3	.0	.0	.0	.0	.0	.0
3. SW3	.1	.2	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0
4. NW3	.0	.0	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 7TH STREET PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	501	2.1	.0	10.5
B. NA	2	-150	2	0	* AG	164	4.0	.0	9.9
C. ND	2	0	2	150	* AG	180	2.6	.0	9.9
D. NE	2	150	2	450	* AG	180	2.1	.0	10.5
E. SF	-2	450	-2	150	* AG	152	2.1	.0	10.5
F. SA	-2	150	-2	0	* AG	121	4.0	.0	9.9
G. SD	-2	0	-2	-150	* AG	371	4.0	.0	9.9
H. SE	-2	-150	-2	-450	* AG	371	2.1	.0	10.5
I. WF	450	5	150	5	* AG	941	2.1	.0	15.0
J. WA	150	5	0	5	* AG	887	2.9	.0	9.9
K. WD	0	5	-150	5	* AG	1251	2.3	.0	9.9
L. WE	-150	5	-450	5	* AG	1251	2.1	.0	15.0
M. EF	-450	-5	-150	-5	* AG	1395	2.1	.0	15.0
N. EA	-150	-5	0	-5	* AG	1308	3.2	.0	9.9
O. ED	0	-5	150	-5	* AG	1187	2.3	.0	9.9
P. EE	150	-5	450	-5	* AG	1187	2.1	.0	15.0
Q. NL	0	0	2	-150	* AG	337	4.4	.0	9.9
R. SL	0	0	-2	150	* AG	31	4.0	.0	9.9
S. WL	0	0	150	2	* AG	54	2.8	.0	9.9
T. EL	0	0	-150	-2	* AG	87	2.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	12	1.8
2. SE3	8	-12	1.8
3. SW3	-8	-12	1.8
4. NW3	-8	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	264.	.8	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	276.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	84.	.9	.0	.0	.0	.0	.0	.0	.1	.0
4. NW3	175.	1.0	.0	.0	.0	.0	.0	.0	.3	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.4	.0	.1	.2	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.1	.1	.0	.6	.0	.0	.0	.0	.0	.0
3. SW3	.0	.1	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0
4. NW3	.0	.0	.2	.0	.0	.2	.0	.0	.2	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 7TH STREET PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	571	2.1	.0	10.5
B. NA	2	-150	2	0	* AG	325	4.4	.0	9.9
C. ND	2	0	2	150	* AG	286	3.1	.0	9.9
D. NE	2	150	2	450	* AG	286	2.1	.0	10.5
E. SF	-2	450	-2	150	* AG	154	2.1	.0	10.5
F. SA	-2	150	-2	0	* AG	123	4.0	.0	9.9
G. SD	-2	0	-2	-150	* AG	315	3.1	.0	9.9
H. SE	-2	-150	-2	-450	* AG	315	2.1	.0	10.5
I. WF	450	5	150	5	* AG	878	2.1	.0	15.0
J. WA	150	5	0	5	* AG	842	2.9	.0	9.9
K. WD	0	5	-150	5	* AG	1124	2.3	.0	9.9
L. WE	-150	5	-450	5	* AG	1124	2.1	.0	15.0
M. EF	-450	-5	-150	-5	* AG	1566	2.1	.0	15.0
N. EA	-150	-5	0	-5	* AG	1396	3.2	.0	9.9
O. ED	0	-5	150	-5	* AG	1444	2.3	.0	9.9
P. EE	150	-5	450	-5	* AG	1444	2.1	.0	15.0
Q. NL	0	0	2	-150	* AG	246	4.0	.0	9.9
R. SL	0	0	-2	150	* AG	31	4.0	.0	9.9
S. WL	0	0	150	2	* AG	36	2.8	.0	9.9
T. EL	0	0	-150	-2	* AG	170	2.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	12	1.8
2. SE3	8	-12	1.8
3. SW3	-8	-12	1.8
4. NW3	-8	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	264.	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	276.	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	85.	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	175.	1.0	.0	.2	.0	.0	.0	.0	.0	.2	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.4	.0	.1	.2	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.1	.1	.0	.6	.0	.0	.0	.0	.0	.0
3. SW3	.1	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0
4. NW3	.0	.0	.2	.0	.0	.2	.0	.0	.2	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 11TH ST AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	562	2.1	.0	10.5
B. NA	2	-150	2	0	* AG	259	4.3	.0	9.9
C. ND	2	0	2	150	* AG	283	3.0	.0	9.9
D. NE	2	150	2	450	* AG	283	2.1	.0	10.5
E. SF	-2	450	-2	150	* AG	255	2.1	.0	10.5
F. SA	-2	150	-2	0	* AG	193	4.0	.0	9.9
G. SD	-2	0	-2	-150	* AG	532	4.2	.0	9.9
H. SE	-2	-150	-2	-450	* AG	532	2.1	.0	10.5
I. WF	450	5	150	5	* AG	1466	2.1	.0	15.0
J. WA	150	5	0	5	* AG	1312	3.2	.0	9.9
K. WD	0	5	-150	5	* AG	1633	2.4	.0	9.9
L. WE	-150	5	-450	5	* AG	1633	2.1	.0	15.0
M. EF	-450	-5	-150	-5	* AG	1102	2.1	.0	15.0
N. EA	-150	-5	0	-5	* AG	1041	2.9	.0	9.9
O. ED	0	-5	150	-5	* AG	937	2.3	.0	9.9
P. EE	150	-5	450	-5	* AG	937	2.1	.0	15.0
Q. NL	0	0	2	-150	* AG	303	4.3	.0	9.9
R. SL	0	0	-2	150	* AG	62	4.0	.0	9.9
S. WL	0	0	150	2	* AG	154	2.8	.0	9.9
T. EL	0	0	-150	-2	* AG	61	2.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	12	1.8
2. SE3	8	-12	1.8
3. SW3	-8	-12	1.8
4. NW3	-8	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	185.	1.2	.0	.2	.0	.0	.0	.0	.2	.0			
2. SE3	276.	1.1	.0	.0	.0	.0	.0	.0	.1	.0			
3. SW3	84.	1.0	.0	.0	.0	.0	.0	.0	.2	.0			
4. NW3	175.	1.2	.0	.1	.0	.0	.0	.0	.4	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
2. SE3	.0	.0	.2	.1	.0	.4	.0	.0	.0	.0	.0	.0
3. SW3	.1	.2	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
4. NW3	.0	.0	.2	.0	.0	.1	.0	.0	.2	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 11TH ST AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	528	2.1	.0	10.5
B. NA	*	2	-150	2	0	*	AG	266	4.2	.0	9.9
C. ND	*	2	0	2	150	*	AG	271	2.9	.0	9.9
D. NE	*	2	150	2	450	*	AG	271	2.1	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	414	2.1	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	352	4.4	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	758	4.4	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	758	2.1	.0	10.5
I. WF	*	450	5	150	5	*	AG	1719	2.1	.0	15.0
J. WA	*	150	5	0	5	*	AG	1459	3.2	.0	9.9
K. WD	*	0	5	-150	5	*	AG	1722	2.4	.0	9.9
L. WE	*	-150	5	-450	5	*	AG	1722	2.1	.0	15.0
M. EF	*	-450	-5	-150	-5	*	AG	955	2.1	.0	15.0
N. EA	*	-150	-5	0	-5	*	AG	906	2.9	.0	9.9
O. ED	*	0	-5	150	-5	*	AG	865	2.2	.0	9.9
P. EE	*	150	-5	450	-5	*	AG	865	2.1	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	262	4.2	.0	9.9
R. SL	*	0	0	-2	150	*	AG	62	3.8	.0	9.9
S. WL	*	0	0	150	2	*	AG	260	2.9	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	49	2.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	12	1.8
2. SE3	*	8	-12	1.8
3. SW3	*	-8	-12	1.8
4. NW3	*	-8	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	185.	*	1.3	*	.0	.2	.0	.0	.0	.0	.3	.0
2. SE3	*	276.	*	1.1	*	.0	.0	.0	.0	.0	.0	.2	.0
3. SW3	*	83.	*	1.1	*	.0	.0	.0	.0	.0	.0	.2	.0
4. NW3	*	175.	*	1.4	*	.0	.1	.0	.0	.0	.0	.6	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
2. SE3	*	.0	.0	.2	.1	.0	.4	.0	.0	.0	.0	.0	.0
3. SW3	*	.1	.2	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.1	.0	.0	.2	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 11TH ST PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	549	2.1	.0	10.5
B. NA	2	-150	2	0	* AG	220	4.0	.0	9.9
C. ND	2	0	2	150	* AG	182	2.6	.0	9.9
D. NE	2	150	2	450	* AG	182	2.1	.0	10.5
E. SF	-2	450	-2	150	* AG	334	2.1	.0	10.5
F. SA	-2	150	-2	0	* AG	283	4.3	.0	9.9
G. SD	-2	0	-2	-150	* AG	589	4.4	.0	9.9
H. SE	-2	-150	-2	-450	* AG	589	2.1	.0	10.5
I. WF	450	5	150	5	* AG	1180	2.1	.0	15.0
J. WA	150	5	0	5	* AG	931	2.9	.0	9.9
K. WD	0	5	-150	5	* AG	1445	2.3	.0	9.9
L. WE	-150	5	-450	5	* AG	1445	2.1	.0	15.0
M. EF	-450	-5	-150	-5	* AG	1693	2.1	.0	15.0
N. EA	-150	-5	0	-5	* AG	1598	3.3	.0	9.9
O. ED	0	-5	150	-5	* AG	1540	2.4	.0	9.9
P. EE	150	-5	450	-5	* AG	1540	2.1	.0	15.0
Q. NL	0	0	2	-150	* AG	329	4.3	.0	9.9
R. SL	0	0	-2	150	* AG	51	4.0	.0	9.9
S. WL	0	0	150	2	* AG	249	2.8	.0	9.9
T. EL	0	0	-150	-2	* AG	95	2.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	12	1.8
2. SE3	8	-12	1.8
3. SW3	-8	-12	1.8
4. NW3	-8	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	185.	1.1	.0	.2	.0	.0	.0	.0	.3	.0			
2. SE3	276.	1.3	.0	.0	.0	.0	.0	.0	.1	.0			
3. SW3	84.	1.1	.0	.0	.0	.0	.0	.0	.2	.0			
4. NW3	175.	1.4	.0	.1	.0	.0	.0	.0	.5	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.2	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0
2. SE3	.0	.0	.1	.1	.0	.7	.0	.0	.0	.0	.0	.0
3. SW3	.1	.1	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0
4. NW3	.0	.0	.2	.0	.0	.2	.0	.0	.2	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 11TH ST PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	796	2.1	.0	10.5
B. NA	2	-150	2	0	* AG	519	4.4	.0	9.9
C. ND	2	0	2	150	* AG	293	2.6	.0	9.9
D. NE	2	150	2	450	* AG	293	2.1	.0	10.5
E. SF	-2	450	-2	150	* AG	347	2.1	.0	10.5
F. SA	-2	150	-2	0	* AG	296	4.0	.0	9.9
G. SD	-2	0	-2	-150	* AG	660	4.4	.0	9.9
H. SE	-2	-150	-2	-450	* AG	660	2.1	.0	10.5
I. WF	450	5	150	5	* AG	1122	2.1	.0	15.0
J. WA	150	5	0	5	* AG	854	2.9	.0	9.9
K. WD	0	5	-150	5	* AG	1258	2.3	.0	9.9
L. WE	-150	5	-450	5	* AG	1258	2.1	.0	15.0
M. EF	-450	-5	-150	-5	* AG	1565	2.1	.0	15.0
N. EA	-150	-5	0	-5	* AG	1466	3.2	.0	9.9
O. ED	0	-5	150	-5	* AG	1619	2.4	.0	9.9
P. EE	150	-5	450	-5	* AG	1619	2.1	.0	15.0
Q. NL	0	0	2	-150	* AG	277	4.0	.0	9.9
R. SL	0	0	-2	150	* AG	51	3.8	.0	9.9
S. WL	0	0	150	2	* AG	268	2.9	.0	9.9
T. EL	0	0	-150	-2	* AG	99	2.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	12	1.8
2. SE3	8	-12	1.8
3. SW3	-8	-12	1.8
4. NW3	-8	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	185.	1.4	.0	.4	.0	.0	.0	.0	.3	.0				
2. SE3	276.	1.3	.0	.2	.0	.0	.0	.0	.2	.0				
3. SW3	84.	1.2	.0	.1	.0	.0	.0	.0	.2	.0				
4. NW3	175.	1.5	.0	.2	.0	.0	.0	.0	.5	.0				

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.2	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0
2. SE3	.0	.0	.1	.1	.0	.6	.0	.0	.0	.0	.0	.0
3. SW3	.1	.1	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0
4. NW3	.0	.0	.2	.0	.0	.2	.0	.0	.2	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND ALVARADO AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	5	-450	5	-150	* AG	1095	2.1	.0	15.0
B. NA	5	-150	5	0	* AG	886	3.7	.0	9.9
C. ND	5	0	5	150	* AG	1680	4.0	.0	9.9
D. NE	5	150	5	450	* AG	1680	2.1	.0	15.0
E. SF	-5	450	-5	150	* AG	1056	2.1	.0	15.0
F. SA	-5	150	-5	0	* AG	813	3.7	.0	9.9
G. SD	-5	0	-5	-150	* AG	790	2.5	.0	9.9
H. SE	-5	-150	-5	-450	* AG	790	2.1	.0	15.0
I. WF	450	5	150	5	* AG	1536	2.1	.0	15.0
J. WA	150	5	0	5	* AG	1395	3.6	.0	9.9
K. WD	0	5	-150	5	* AG	1838	2.8	.0	9.9
L. WE	-150	5	-450	5	* AG	1838	2.1	.0	15.0
M. EF	-450	-5	-150	-5	* AG	1566	2.1	.0	15.0
N. EA	-150	-5	0	-5	* AG	874	3.2	.0	9.9
O. ED	0	-5	150	-5	* AG	945	2.3	.0	9.9
P. EE	150	-5	450	-5	* AG	945	2.1	.0	15.0
Q. NL	0	0	2	-150	* AG	209	3.6	.0	9.9
R. SL	0	0	-2	150	* AG	243	3.6	.0	9.9
S. WL	0	0	150	2	* AG	141	3.1	.0	9.9
T. EL	0	0	-150	-2	* AG	692	3.6	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	12	12	1.8
2. SE3	12	-12	1.8
3. SW3	-12	-12	1.8
4. NW3	-12	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	263.	1.7	.0	.0	.4	.0	.0	.1	.0	.0			
2. SE3	353.	1.6	.0	.0	.9	.0	.0	.2	.0	.0			
3. SW3	8.	1.5	.0	.0	.4	.0	.0	.4	.0	.0			
4. NW3	96.	1.4	.0	.0	.3	.0	.0	.2	.0	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.6	.0	.0	.2	.0	.0	.0	.0	.0	.2
2. SE3	.0	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0	.0	.1
4. NW3	.0	.7	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND ALVARADO AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	5	-450	5	-150	* AG	1083	2.1	.0	15.0
B. NA	5	-150	5	0	* AG	874	3.6	.0	9.9
C. ND	5	0	5	150	* AG	1869	3.8	.0	9.9
D. NE	5	150	5	450	* AG	1869	2.1	.0	15.0
E. SF	-5	450	-5	150	* AG	1623	2.1	.0	15.0
F. SA	-5	150	-5	0	* AG	1380	4.3	.0	9.9
G. SD	-5	0	-5	-150	* AG	1181	2.6	.0	9.9
H. SE	-5	-150	-5	-450	* AG	1181	2.1	.0	15.0
I. WF	450	5	150	5	* AG	1499	2.1	.0	15.0
J. WA	150	5	0	5	* AG	1358	3.8	.0	9.9
K. WD	0	5	-150	5	* AG	1916	3.6	.0	9.9
L. WE	-150	5	-450	5	* AG	1916	2.1	.0	15.0
M. EF	-450	-5	-150	-5	* AG	1706	2.1	.0	15.0
N. EA	-150	-5	0	-5	* AG	854	3.3	.0	9.9
O. ED	0	-5	150	-5	* AG	945	2.4	.0	9.9
P. EE	150	-5	450	-5	* AG	945	2.1	.0	15.0
Q. NL	0	0	2	-150	* AG	209	3.4	.0	9.9
R. SL	0	0	-2	150	* AG	243	3.4	.0	9.9
S. WL	0	0	150	2	* AG	141	3.2	.0	9.9
T. EL	0	0	-150	-2	* AG	852	4.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	12	12	1.8
2. SE3	12	-12	1.8
3. SW3	-12	-12	1.8
4. NW3	-12	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	263.	2.2	.0	.0	.4	.0	.0	.2	.0	.0				
2. SE3	353.	1.8	.0	.0	.9	.0	.1	.3	.0	.0				
3. SW3	7.	2.0	.0	.0	.3	.1	.0	.8	.0	.0				
4. NW3	96.	1.7	.0	.0	.3	.0	.0	.4	.0	.0				

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.8	.0	.1	.2	.0	.0	.0	.0	.0	.3
2. SE3	.0	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0	.0	.2
4. NW3	.0	.7	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND ALVARADO PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	5	-450	5	-150	*	AG	813	2.1	.0	15.0
B. NA	*	5	-150	5	0	*	AG	559	3.6	.0	9.9
C. ND	*	5	0	5	150	*	AG	1011	2.6	.0	9.9
D. NE	*	5	150	5	450	*	AG	1011	2.1	.0	15.0
E. SF	*	-5	450	-5	150	*	AG	1298	2.1	.0	15.0
F. SA	*	-5	150	-5	0	*	AG	983	4.0	.0	9.9
G. SD	*	-5	0	-5	-150	*	AG	1155	2.9	.0	9.9
H. SE	*	-5	-150	-5	-450	*	AG	1155	2.1	.0	15.0
I. WF	*	450	5	150	5	*	AG	1270	2.1	.0	15.0
J. WA	*	150	5	0	5	*	AG	1057	3.3	.0	9.9
K. WD	*	0	5	-150	5	*	AG	1440	2.4	.0	9.9
L. WE	*	-150	5	-450	5	*	AG	1440	2.1	.0	15.0
M. EF	*	-450	-5	-150	-5	*	AG	1741	2.1	.0	15.0
N. EA	*	-150	-5	0	-5	*	AG	1344	3.6	.0	9.9
O. ED	*	0	-5	150	-5	*	AG	1516	2.6	.0	9.9
P. EE	*	150	-5	450	-5	*	AG	1516	2.1	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	254	3.6	.0	9.9
R. SL	*	0	0	-2	150	*	AG	315	3.6	.0	9.9
S. WL	*	0	0	150	2	*	AG	213	3.1	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	397	3.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	12	12	1.8
2. SE3	*	12	-12	1.8
3. SW3	*	-12	-12	1.8
4. NW3	*	-12	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	263.	*	1.3	*	.0	.0	.2	.0	.0	.2	.0	.0
2. SE3	*	276.	*	1.4	*	.0	.1	.0	.0	.0	.0	.1	.0
3. SW3	*	6.	*	1.4	*	.0	.0	.1	.0	.0	.5	.0	.0
4. NW3	*	96.	*	1.3	*	.0	.0	.1	.0	.0	.2	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.5	.0	.1	.3	.0	.0	.0	.0	.0	.1
2. SE3	*	.0	.0	.1	.1	.0	.6	.0	.0	.0	.0	.0	.1
3. SW3	*	.0	.0	.1	.0	.0	.3	.0	.0	.0	.1	.0	.0
4. NW3	*	.0	.5	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND ALVARADO PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	5	-450	5	-150	* AG	933	2.1	.0	15.0
B. NA	*	5	-150	5	0	* AG	679	3.4	.0	9.9
C. ND	*	5	0	5	150	* AG	1382	2.9	.0	9.9
D. NE	*	5	150	5	450	* AG	1382	2.1	.0	15.0
E. SF	*	-5	450	-5	150	* AG	1433	2.1	.0	15.0
F. SA	*	-5	150	-5	0	* AG	1150	4.0	.0	9.9
G. SD	*	-5	0	-5	-150	* AG	1059	2.5	.0	9.9
H. SE	*	-5	-150	-5	-450	* AG	1059	2.1	.0	15.0
I. WF	*	450	5	150	5	* AG	1108	2.1	.0	15.0
J. WA	*	150	5	0	5	* AG	955	3.4	.0	9.9
K. WD	*	0	5	-150	5	* AG	1549	2.8	.0	9.9
L. WE	*	-150	5	-450	5	* AG	1549	2.1	.0	15.0
M. EF	*	-450	-5	-150	-5	* AG	1687	2.1	.0	15.0
N. EA	*	-150	-5	0	-5	* AG	1036	3.4	.0	9.9
O. ED	*	0	-5	150	-5	* AG	1171	2.4	.0	9.9
P. EE	*	150	-5	450	-5	* AG	1171	2.1	.0	15.0
Q. NL	*	0	0	2	-150	* AG	254	3.4	.0	9.9
R. SL	*	0	0	-2	150	* AG	283	3.4	.0	9.9
S. WL	*	0	0	150	2	* AG	153	3.2	.0	9.9
T. EL	*	0	0	-150	-2	* AG	651	3.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	12	12	1.8
2. SE3	*	12	-12	1.8
3. SW3	*	-12	-12	1.8
4. NW3	*	-12	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	263.	*	1.6	*	.0	.0	.2	.0	.0	.2	.0	.0
2. SE3	*	276.	*	1.4	*	.0	.1	.0	.0	.0	.0	.1	.0
3. SW3	*	6.	*	1.6	*	.0	.0	.2	.1	.0	.6	.0	.0
4. NW3	*	96.	*	1.3	*	.0	.0	.2	.0	.0	.3	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.6	.0	.1	.2	.0	.0	.0	.0	.0	.2
2. SE3	*	.0	.0	.2	.1	.0	.5	.0	.0	.0	.0	.0	.2
3. SW3	*	.0	.0	.2	.0	.0	.2	.0	.0	.0	.1	.0	.1
4. NW3	*	.0	.5	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND FREMONT AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	1042	2.1	.0	15.0
B. NA	9	-150	9	0	* AG	792	3.3	.0	18.0
C. ND	9	0	9	150	* AG	842	2.4	.0	9.9
D. NE	9	150	9	450	* AG	842	2.1	.0	15.0
E. SF	-9	450	-9	150	* AG	1665	2.1	.0	15.0
F. SA	-9	150	-9	0	* AG	1464	3.4	.0	18.0
G. SD	-9	0	-9	-150	* AG	1544	2.9	.0	9.9
H. SE	-9	-150	-9	-450	* AG	1544	2.1	.0	15.0
I. WF	450	14	150	14	* AG	1450	2.1	.0	15.0
J. WA	150	14	0	14	* AG	1312	3.4	.0	22.5
K. WD	0	14	-150	14	* AG	1690	3.1	.0	9.9
L. WE	-150	14	-450	14	* AG	1690	2.1	.0	15.0
M. EF	-450	-11	-150	-11	* AG	1195	2.1	.0	19.5
N. EA	-150	-11	0	-11	* AG	1036	3.3	.0	27.0
O. ED	0	-11	150	-11	* AG	1276	2.4	.0	13.5
P. EE	150	-11	450	-11	* AG	1276	2.1	.0	19.5
Q. NL	0	0	7	-150	* AG	250	3.3	.0	9.9
R. SL	0	0	-7	150	* AG	201	3.3	.0	9.9
S. WL	0	0	150	11	* AG	138	3.3	.0	9.9
T. EL	0	0	-150	-7	* AG	159	3.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	17	21	1.8
2. SE3	17	-21	1.8
3. SW3	-17	-21	1.8
4. NW3	-17	21	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	264.	1.3	.0	.0	.1	.0	.0	.2	.0	.0
2. SE3	352.	1.1	.0	.2	.3	.0	.1	.1	.0	.0
3. SW3	83.	1.1	.0	.0	.0	.0	.0	.0	.3	.0
4. NW3	174.	1.5	.1	.0	.0	.0	.0	.3	.5	.0

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.2	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	.1	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0
4. NW3	.0	.0	.3	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND FREMONT AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	1035	2.1	.0	15.0
B. NA	9	-150	9	0	* AG	790	3.4	.0	18.0
C. ND	9	0	9	150	* AG	908	2.5	.0	9.9
D. NE	9	150	9	450	* AG	908	2.1	.0	15.0
E. SF	-9	450	-9	150	* AG	2021	2.1	.0	15.0
F. SA	-9	150	-9	0	* AG	1821	3.8	.0	18.0
G. SD	-9	0	-9	-150	* AG	1796	4.2	.0	9.9
H. SE	-9	-150	-9	-450	* AG	1796	2.1	.0	15.0
I. WF	450	14	150	14	* AG	2535	2.1	.0	15.0
J. WA	150	14	0	14	* AG	2053	3.2	.0	22.5
K. WD	0	14	-150	14	* AG	2780	3.3	.0	9.9
L. WE	-150	14	-450	14	* AG	2780	2.1	.0	15.0
M. EF	-450	-11	-150	-11	* AG	1456	2.1	.0	19.5
N. EA	-150	-11	0	-11	* AG	1297	3.1	.0	27.0
O. ED	0	-11	150	-11	* AG	1563	2.4	.0	13.5
P. EE	150	-11	450	-11	* AG	1563	2.1	.0	19.5
Q. NL	0	0	7	-150	* AG	245	3.4	.0	9.9
R. SL	0	0	-7	150	* AG	200	3.4	.0	9.9
S. WL	0	0	150	11	* AG	482	3.1	.0	9.9
T. EL	0	0	-150	-7	* AG	159	3.1	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	17	21	1.8
2. SE3	17	-21	1.8
3. SW3	-17	-21	1.8
4. NW3	-17	21	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	CONC/LINK (PPM)								
						D	E	F	G	H				
1. NE3	264.	1.9	.0	.0	.1	.0	.0	.2	.0	.0				
2. SE3	352.	1.3	.0	.2	.3	.0	.1	.2	.0	.0				
3. SW3	81.	1.4	.0	.0	.0	.0	.0	.0	.5	.0				
4. NW3	174.	2.2	.1	.0	.0	.0	.0	.4	.9	.0				

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.2	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.2	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	.2	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
4. NW3	.0	.0	.5	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND FREMONT PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	1589	2.1	.0	15.0
B. NA	9	-150	9	0	* AG	1331	3.3	.0	18.0
C. ND	9	0	9	150	* AG	1471	2.6	.0	9.9
D. NE	9	150	9	450	* AG	1471	2.1	.0	15.0
E. SF	-9	450	-9	150	* AG	1505	2.1	.0	15.0
F. SA	-9	150	-9	0	* AG	1130	3.3	.0	18.0
G. SD	-9	0	-9	-150	* AG	1504	2.9	.0	9.9
H. SE	-9	-150	-9	-450	* AG	1504	2.1	.0	15.0
I. WF	450	14	150	14	* AG	984	2.1	.0	15.0
J. WA	150	14	0	14	* AG	763	3.3	.0	22.5
K. WD	0	14	-150	14	* AG	1045	2.4	.0	9.9
L. WE	-150	14	-450	14	* AG	1045	2.1	.0	15.0
M. EF	-450	-11	-150	-11	* AG	1958	2.1	.0	19.5
N. EA	-150	-11	0	-11	* AG	1536	3.4	.0	27.0
O. ED	0	-11	150	-11	* AG	2016	2.7	.0	13.5
P. EE	150	-11	450	-11	* AG	2016	2.1	.0	19.5
Q. NL	0	0	7	-150	* AG	258	3.3	.0	9.9
R. SL	0	0	-7	150	* AG	375	3.4	.0	9.9
S. WL	0	0	150	11	* AG	221	3.3	.0	9.9
T. EL	0	0	-150	-7	* AG	422	3.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	17	21	1.8
2. SE3	17	-21	1.8
3. SW3	-17	-21	1.8
4. NW3	-17	21	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	261.	1.1	.0	.0	.2	.0	.0	.1	.0	.0			
2. SE3	354.	1.4	.0	.3	.5	.0	.2	.0	.0	.0			
3. SW3	83.	1.4	.0	.2	.0	.0	.0	.0	.3	.0			
4. NW3	174.	1.4	.2	.0	.0	.0	.0	.2	.5	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.3	.0	.2	.1	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
3. SW3	.1	.0	.0	.0	.0	.1	.6	.0	.0	.0	.0	.0
4. NW3	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND FREMONT PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (M)	* *	EF	H	W
		X1 Y1 X2 Y2	TYPE VPH (G/MI) (M) (M)			
A. NF	*	9 -450 9 -150	* AG 1747 2.1 .0 15.0			
B. NA	*	9 -150 9 0	* AG 1567 3.4 .0 18.0			
C. ND	*	9 0 9 150	* AG 1353 2.6 .0 9.9			
D. NE	*	9 150 9 450	* AG 1353 2.1 .0 15.0			
E. SF	*	-9 450 -9 150	* AG 1612 2.1 .0 15.0			
F. SA	*	-9 150 -9 0	* AG 1022 3.3 .0 18.0			
G. SD	*	-9 0 -9 -150	* AG 1413 2.6 .0 9.9			
H. SE	*	-9 -150 -9 -450	* AG 1413 2.1 .0 15.0			
I. WF	*	450 14 150 14	* AG 1398 2.1 .0 15.0			
J. WA	*	150 14 0 14	* AG 1047 3.3 .0 22.5			
K. WD	*	0 14 -150 14	* AG 1264 2.5 .0 9.9			
L. WE	*	-150 14 -450 14	* AG 1264 2.1 .0 15.0			
M. EF	*	-450 -11 -150 -11	* AG 2014 2.1 .0 19.5			
N. EA	*	-150 -11 0 -11	* AG 1633 3.3 .0 27.0			
O. ED	*	0 -11 150 -11	* AG 2741 3.6 .0 13.5			
P. EE	*	150 -11 450 -11	* AG 2741 2.1 .0 19.5			
Q. NL	*	0 0 7 -150	* AG 180 3.3 .0 9.9			
R. SL	*	0 0 -7 150	* AG 590 3.7 .0 9.9			
S. WL	*	0 0 11 150	* AG 351 3.3 .0 9.9			
T. EL	*	0 0 -150 -7	* AG 381 3.3 .0 9.9			

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M)
		X Y Z
1. NE3	*	17 21 1.8
2. SE3	*	17 -21 1.8
3. SW3	*	-17 -21 1.8
4. NW3	*	-17 21 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	185.	*	1.4	*	.0	.6	.0	.0	.0	.0	.0	.1
2. SE3	*	352.	*	1.8	*	.0	.3	.4	.0	.1	.1	.0	.0
3. SW3	*	83.	*	1.8	*	.0	.2	.0	.0	.0	.0	.2	.0
4. NW3	*	174.	*	1.4	*	.2	.0	.0	.0	.0	.2	.5	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.2	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
2. SE3	*	.0	.1	.0	.0	.0	.0	.5	.0	.0	.1	.0	.0
3. SW3	*	.1	.0	.0	.0	.0	.1	1.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND NB RAMPS AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	* AG	1973	2.1	.0	10.5
B. NA	*	2	-150	2	0	* AG	345	3.8	.0	9.9
C. ND	*	2	0	2	150	* AG	284	2.5	.0	9.9
D. NE	*	2	150	2	450	* AG	284	2.1	.0	10.5
E. SF	*	-2	450	-2	150	* AG	0	2.1	.0	10.5
F. SA	*	-2	150	-2	0	* AG	0	3.7	.0	9.9
G. SD	*	-2	0	-2	-150	* AG	1255	4.4	.0	9.9
H. SE	*	-2	-150	-2	-450	* AG	1255	2.1	.0	10.5
I. WF	*	450	2	150	2	* AG	1913	2.1	.0	10.5
J. WA	*	150	2	0	2	* AG	1913	4.0	.0	9.9
K. WD	*	0	2	-150	2	* AG	3257	2.7	.0	9.9
L. WE	*	-150	2	-450	2	* AG	3257	2.1	.0	10.5
M. EF	*	-450	-2	-150	-2	* AG	2173	2.1	.0	10.5
N. EA	*	-150	-2	0	-2	* AG	2173	4.0	.0	9.9
O. ED	*	0	-2	150	-2	* AG	1263	2.7	.0	9.9
P. EE	*	150	-2	450	-2	* AG	1263	2.1	.0	10.5
Q. NL	*	0	0	2	-150	* AG	1628	4.4	.0	9.9
R. SL	*	0	0	-2	150	* AG	0	3.7	.0	9.9
S. WL	*	0	0	150	2	* AG	0	2.9	.0	9.9
T. EL	*	0	0	-150	-2	* AG	0	2.9	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	8	1.8
2. SE3	*	8	-8	1.8
3. SW3	*	-8	-8	1.8
4. NW3	*	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	186.	*	2.6	*	.0	.3	.0	.0	.0	.0	.5	.0
2. SE3	*	275.	*	3.2	*	.0	.0	.0	.0	.0	.0	.3	.0
3. SW3	*	84.	*	2.5	*	.0	.0	.0	.0	.0	.0	.4	.0
4. NW3	*	174.	*	3.2	*	.0	.2	.0	.0	.0	.0	1.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.5	.0	.0	.0	.0	.2	.0	.9	.0	.0	.0
2. SE3	*	.0	.0	.6	.2	.0	1.5	.0	.0	.4	.0	.0	.0
3. SW3	*	.0	.7	.0	.0	.0	.3	.6	.0	.4	.0	.0	.0
4. NW3	*	.0	.0	.6	.0	.0	.4	.0	.0	.9	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND NB RAMPS AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	2009	2.1	.0	10.5
B. NA	2	-150	2	0	* AG	381	4.3	.0	9.9
C. ND	2	0	2	150	* AG	238	2.5	.0	9.9
D. NE	2	150	2	450	* AG	238	2.1	.0	10.5
E. SF	-2	450	-2	150	* AG	0	2.1	.0	10.5
F. SA	-2	150	-2	0	* AG	0	3.8	.0	9.9
G. SD	-2	0	-2	-150	* AG	1188	4.4	.0	9.9
H. SE	-2	-150	-2	-450	* AG	1188	2.1	.0	10.5
I. WF	450	2	150	2	* AG	2586	2.1	.0	10.5
J. WA	150	2	0	2	* AG	2586	3.8	.0	9.9
K. WD	0	2	-150	2	* AG	3976	2.5	.0	9.9
L. WE	-150	2	-450	2	* AG	3976	2.1	.0	10.5
M. EF	-450	-2	-150	-2	* AG	2131	2.1	.0	10.5
N. EA	-150	-2	0	-2	* AG	2131	3.8	.0	9.9
O. ED	0	-2	150	-2	* AG	1324	2.5	.0	9.9
P. EE	150	-2	450	-2	* AG	1324	2.1	.0	10.5
Q. NL	0	0	2	-150	* AG	1628	4.4	.0	9.9
R. SL	0	0	-2	150	* AG	0	3.8	.0	9.9
S. WL	0	0	150	2	* AG	0	2.8	.0	9.9
T. EL	0	0	-150	-2	* AG	0	2.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	8	1.8
2. SE3	8	-8	1.8
3. SW3	-8	-8	1.8
4. NW3	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	186.	2.7	.0	.3	.0	.0	.0	.0	.5	.0				
2. SE3	275.	3.3	.0	.1	.0	.0	.0	.0	.3	.0				
3. SW3	84.	2.6	.0	.0	.0	.0	.0	.0	.4	.0				
4. NW3	174.	3.3	.0	.2	.0	.0	.0	.0	1.0	.0				

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.7	.0	.0	.0	.0	.2	.0	.9	.0	.0	.0
2. SE3	.0	.0	.7	.2	.0	1.4	.0	.0	.4	.0	.0	.0
3. SW3	.0	.8	.0	.0	.0	.2	.6	.0	.4	.0	.0	.0
4. NW3	.0	.0	.7	.0	.0	.4	.0	.0	.9	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND NB RAMPS PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	2622	2.1	.0	10.5
B. NA	2	-150	2	0	* AG	1065	4.4	.0	9.9
C. ND	2	0	2	150	* AG	254	2.4	.0	9.9
D. NE	2	150	2	450	* AG	254	2.1	.0	10.5
E. SF	-2	450	-2	150	* AG	0	2.1	.0	10.5
F. SA	-2	150	-2	0	* AG	0	3.6	.0	9.9
G. SD	-2	0	-2	-150	* AG	1503	4.4	.0	9.9
H. SE	-2	-150	-2	-450	* AG	1503	2.1	.0	10.5
I. WF	450	2	150	2	* AG	1036	2.1	.0	10.5
J. WA	150	2	0	2	* AG	1036	4.4	.0	9.9
K. WD	0	2	-150	2	* AG	2339	3.1	.0	9.9
L. WE	-150	2	-450	2	* AG	2339	2.1	.0	10.5
M. EF	-450	-2	-150	-2	* AG	2975	2.1	.0	10.5
N. EA	-150	-2	0	-2	* AG	2975	4.4	.0	9.9
O. ED	0	-2	150	-2	* AG	2537	3.1	.0	9.9
P. EE	150	-2	450	-2	* AG	2537	2.1	.0	10.5
Q. NL	0	0	2	-150	* AG	1557	4.4	.0	9.9
R. SL	0	0	-2	150	* AG	0	3.6	.0	9.9
S. WL	0	0	150	2	* AG	0	3.0	.0	9.9
T. EL	0	0	-150	-2	* AG	0	3.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	8	1.8
2. SE3	8	-8	1.8
3. SW3	-8	-8	1.8
4. NW3	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	185.	3.2	.0	.9	.0	.0	.0	.0	.6	.1			
2. SE3	275.	4.2	.0	.3	.0	.0	.0	.0	.3	.0			
3. SW3	85.	3.3	.0	.2	.0	.0	.0	.0	.5	.0			
4. NW3	174.	3.8	.0	.5	.0	.0	.0	.0	1.2	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.3	.0	.0	.0	.0	.4	.0	.8	.0	.0	.0
2. SE3	.0	.0	.5	.1	.0	2.1	.2	.0	.4	.0	.0	.0
3. SW3	.0	.4	.0	.0	.0	.3	1.3	.0	.4	.0	.0	.0
4. NW3	.0	.0	.5	.0	.0	.7	.0	.0	.9	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND NB RAMPS PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	2955	2.1	.0	10.5
B. NA	2	-150	2	0	* AG	1278	4.4	.0	9.9
C. ND	2	0	2	150	* AG	150	2.4	.0	9.9
D. NE	2	150	2	450	* AG	150	2.1	.0	10.5
E. SF	-2	450	-2	150	* AG	0	2.1	.0	10.5
F. SA	-2	150	-2	0	* AG	0	3.6	.0	9.9
G. SD	-2	0	-2	-150	* AG	1285	4.4	.0	9.9
H. SE	-2	-150	-2	-450	* AG	1285	2.1	.0	10.5
I. WF	450	2	150	2	* AG	1170	2.1	.0	10.5
J. WA	150	2	0	2	* AG	1170	4.4	.0	9.9
K. WD	0	2	-150	2	* AG	2697	3.1	.0	9.9
L. WE	-150	2	-450	2	* AG	2697	2.1	.0	10.5
M. EF	-450	-2	-150	-2	* AG	3097	2.1	.0	10.5
N. EA	-150	-2	0	-2	* AG	3097	4.4	.0	9.9
O. ED	0	-2	150	-2	* AG	3090	3.1	.0	9.9
P. EE	150	-2	450	-2	* AG	3090	2.1	.0	10.5
Q. NL	0	0	2	-150	* AG	1677	4.4	.0	9.9
R. SL	0	0	-2	150	* AG	0	3.6	.0	9.9
S. WL	0	0	150	2	* AG	0	3.1	.0	9.9
T. EL	0	0	-150	-2	* AG	0	3.1	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	8	1.8
2. SE3	8	-8	1.8
3. SW3	-8	-8	1.8
4. NW3	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	185.	3.5	.0	1.1	.0	.0	.0	.0	.0	.5	.0			
2. SE3	275.	4.4	.0	.4	.0	.0	.0	.0	.0	.3	.0			
3. SW3	85.	3.7	.0	.3	.0	.0	.0	.0	.0	.4	.0			
4. NW3	174.	3.9	.1	.5	.0	.0	.0	.0	.0	1.0	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.4	.0	.0	.0	.0	.5	.0	.9	.0	.0	.0
2. SE3	.0	.0	.6	.1	.1	2.2	.3	.0	.4	.0	.0	.0
3. SW3	.0	.5	.0	.0	.0	.4	1.5	.1	.4	.0	.0	.0
4. NW3	.0	.0	.6	.0	.0	.7	.0	.0	.9	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND PASEO PADRE AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9	-450	9	-150	*	AG	1229	2.1	.0	15.0
B. NA	*	9	-150	9	0	*	AG	940	3.4	.0	18.0
C. ND	*	9	0	9	150	*	AG	1039	2.5	.0	9.9
D. NE	*	9	150	9	450	*	AG	1039	2.1	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	1407	2.1	.0	15.0
F. SA	*	-9	150	-9	0	*	AG	1166	3.4	.0	18.0
G. SD	*	-9	0	-9	-150	*	AG	1944	4.2	.0	9.9
H. SE	*	-9	-150	-9	-450	*	AG	1944	2.1	.0	15.0
I. WF	*	450	11	150	11	*	AG	1989	2.1	.0	15.0
J. WA	*	150	11	0	11	*	AG	1244	3.2	.0	22.5
K. WD	*	0	11	-150	11	*	AG	1410	2.5	.0	9.9
L. WE	*	-150	11	-450	11	*	AG	1410	2.1	.0	15.0
M. EF	*	-450	-11	-150	-11	*	AG	1254	2.1	.0	15.0
N. EA	*	-150	-11	0	-11	*	AG	1198	3.2	.0	18.0
O. ED	*	0	-11	150	-11	*	AG	1486	2.5	.0	9.9
P. EE	*	150	-11	450	-11	*	AG	1486	2.1	.0	15.0
Q. NL	*	0	0	7	-150	*	AG	289	3.4	.0	9.9
R. SL	*	0	0	-7	150	*	AG	241	3.4	.0	9.9
S. WL	*	0	0	150	9	*	AG	745	3.3	.0	9.9
T. EL	*	0	0	-150	-9	*	AG	56	3.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	17	19	1.8
2. SE3	*	17	-19	1.8
3. SW3	*	-17	-19	1.8
4. NW3	*	-17	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	188.	*	1.2	*	.0	.3	.0	.0	.0	.0	.2	.1
2. SE3	*	353.	*	1.2	*	.0	.2	.3	.0	.1	.0	.0	.0
3. SW3	*	81.	*	1.6	*	.0	.1	.0	.0	.0	.0	.5	.0
4. NW3	*	174.	*	1.8	*	.1	.0	.0	.0	.0	.2	.9	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	.1	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND PASEO PADRE AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	1753	2.1	.0	15.0
B. NA	9	-150	9	0	* AG	816	3.4	.0	18.0
C. ND	9	0	9	150	* AG	1130	2.8	.0	9.9
D. NE	9	150	9	450	* AG	1130	2.1	.0	15.0
E. SF	-9	450	-9	150	* AG	1232	2.1	.0	15.0
F. SA	-9	150	-9	0	* AG	973	3.4	.0	18.0
G. SD	-9	0	-9	-150	* AG	1579	3.7	.0	9.9
H. SE	-9	-150	-9	-450	* AG	1579	2.1	.0	15.0
I. WF	450	11	150	11	* AG	2465	2.1	.0	15.0
J. WA	150	11	0	11	* AG	2079	3.2	.0	22.5
K. WD	0	11	-150	11	* AG	2827	3.3	.0	9.9
L. WE	-150	11	-450	11	* AG	2827	2.1	.0	15.0
M. EF	-450	-11	-150	-11	* AG	1542	2.1	.0	15.0
N. EA	-150	-11	0	-11	* AG	1486	3.2	.0	18.0
O. ED	0	-11	150	-11	* AG	1456	2.5	.0	9.9
P. EE	150	-11	450	-11	* AG	1456	2.1	.0	15.0
Q. NL	0	0	7	-150	* AG	937	3.8	.0	9.9
R. SL	0	0	-7	150	* AG	259	3.4	.0	9.9
S. WL	0	0	150	9	* AG	386	3.1	.0	9.9
T. EL	0	0	-150	-9	* AG	56	3.1	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	17	19	1.8
2. SE3	17	-19	1.8
3. SW3	-17	-19	1.8
4. NW3	-17	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	264.	1.8	.0	.0	.2	.0	.0	.1	.0	.0			
2. SE3	275.	1.4	.0	.2	.0	.0	.0	.0	.2	.0			
3. SW3	81.	1.6	.0	.0	.0	.0	.0	.0	.4	.0			
4. NW3	172.	2.0	.1	.0	.0	.0	.0	.2	.7	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.2	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.2	.0	.6	.0	.0	.1	.0	.0	.0
3. SW3	.2	.1	.0	.0	.0	.2	.4	.0	.1	.0	.0	.0
4. NW3	.0	.0	.5	.0	.0	.1	.0	.0	.2	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND PASEO PADRE PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	1423	2.1	.0	15.0
B. NA	9	-150	9	0	* AG	1160	3.4	.0	18.0
C. ND	9	0	9	150	* AG	1363	3.0	.0	9.9
D. NE	9	150	9	450	* AG	1363	2.1	.0	15.0
E. SF	-9	450	-9	150	* AG	1109	2.1	.0	15.0
F. SA	-9	150	-9	0	* AG	790	3.4	.0	18.0
G. SD	-9	0	-9	-150	* AG	1270	2.6	.0	9.9
H. SE	-9	-150	-9	-450	* AG	1270	2.1	.0	15.0
I. WF	450	11	150	11	* AG	1047	2.1	.0	15.0
J. WA	150	11	0	11	* AG	829	3.2	.0	22.5
K. WD	0	11	-150	11	* AG	848	2.4	.0	9.9
L. WE	-150	11	-450	11	* AG	848	2.1	.0	15.0
M. EF	-450	-11	-150	-11	* AG	2032	2.1	.0	15.0
N. EA	-150	-11	0	-11	* AG	1773	3.3	.0	18.0
O. ED	0	-11	150	-11	* AG	2130	3.4	.0	9.9
P. EE	150	-11	450	-11	* AG	2130	2.1	.0	15.0
Q. NL	0	0	7	-150	* AG	263	3.4	.0	9.9
R. SL	0	0	-7	150	* AG	319	3.4	.0	9.9
S. WL	0	0	150	9	* AG	218	3.2	.0	9.9
T. EL	0	0	-150	-9	* AG	259	3.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	17	19	1.8
2. SE3	17	-19	1.8
3. SW3	-17	-19	1.8
4. NW3	-17	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	261.	1.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	354.	1.5	.0	.2	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0
3. SW3	84.	1.7	.0	.1	.0	.0	.0	.0	.0	.2	.0			
4. NW3	173.	1.2	.1	.0	.0	.0	.0	.0	.1	.4	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.3	.0	.2	.1	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0
3. SW3	.1	.0	.0	.0	.0	.3	.8	.0	.0	.0	.0	.0
4. NW3	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND PASEO PADRE PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9	-450	9	-150	*	AG	1472	2.1	.0	15.0
B. NA	*	9	-150	9	0	*	AG	1002	3.6	.0	18.0
C. ND	*	9	0	9	150	*	AG	1351	3.6	.0	9.9
D. NE	*	9	150	9	450	*	AG	1351	2.1	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	1130	2.1	.0	15.0
F. SA	*	-9	150	-9	0	*	AG	811	3.6	.0	18.0
G. SD	*	-9	0	-9	-150	*	AG	1994	4.4	.0	9.9
H. SE	*	-9	-150	-9	-450	*	AG	1994	2.1	.0	15.0
I. WF	*	450	11	150	11	*	AG	1200	2.1	.0	15.0
J. WA	*	150	11	0	11	*	AG	1001	3.0	.0	22.5
K. WD	*	0	11	-150	11	*	AG	1218	2.4	.0	9.9
L. WE	*	-150	11	-450	11	*	AG	1218	2.1	.0	15.0
M. EF	*	-450	-11	-150	-11	*	AG	2693	2.1	.0	15.0
N. EA	*	-150	-11	0	-11	*	AG	2470	3.3	.0	18.0
O. ED	*	0	-11	150	-11	*	AG	1932	3.1	.0	9.9
P. EE	*	150	-11	450	-11	*	AG	1932	2.1	.0	15.0
Q. NL	*	0	0	7	-150	*	AG	470	3.6	.0	9.9
R. SL	*	0	0	-7	150	*	AG	319	3.6	.0	9.9
S. WL	*	0	0	150	9	*	AG	199	3.0	.0	9.9
T. EL	*	0	0	-150	-9	*	AG	223	3.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	17	19	1.8
2. SE3	*	17	-19	1.8
3. SW3	*	-17	-19	1.8
4. NW3	*	-17	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	194.	*	1.3	*	.0	.3	.2	.0	.0	.0	.4	.0
2. SE3	*	274.	*	1.8	*	.0	.2	.0	.0	.0	.0	.3	.0
3. SW3	*	84.	*	2.0	*	.0	.1	.0	.0	.0	.0	.5	.0
4. NW3	*	174.	*	1.9	*	.2	.0	.0	.0	.0	.2	1.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.1	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.2	1.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.1	.0	.0	.0	.0	.4	.7	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND SB RAMPS AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	0	2.1	.0	10.5
B. NA	7	-150	7	0	* AG	0	3.7	.0	9.9
C. ND	7	0	7	150	* AG	833	4.4	.0	9.9
D. NE	7	150	7	450	* AG	833	2.1	.0	10.5
E. SF	-5	450	-5	150	* AG	2607	2.1	.0	15.0
F. SA	-5	150	-5	0	* AG	2491	4.4	.0	13.5
G. SD	-7	0	-7	-150	* AG	675	4.3	.0	9.9
H. SE	-7	-150	-7	-450	* AG	675	2.1	.0	10.5
I. WF	450	9	150	9	* AG	3288	2.1	.0	15.0
J. WA	150	9	0	9	* AG	3288	4.0	.0	13.5
K. WD	0	9	-150	9	* AG	4946	2.6	.0	9.9
L. WE	-150	9	-450	9	* AG	4946	2.1	.0	15.0
M. EF	-450	-7	-150	-7	* AG	2544	2.1	.0	19.5
N. EA	-150	-7	0	-7	* AG	2544	3.4	.0	13.5
O. ED	0	-7	150	-7	* AG	1985	2.3	.0	13.5
P. EE	150	-7	450	-7	* AG	1985	2.1	.0	19.5
Q. NL	0	0	7	-150	* AG	0	3.7	.0	9.9
R. SL	0	0	-2	150	* AG	116	3.7	.0	9.9
S. WL	0	0	150	7	* AG	0	2.9	.0	9.9
T. EL	0	0	-150	-2	* AG	0	2.9	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	12	17	1.8
2. SE3	12	-17	1.8
3. SW3	-8	-17	1.8
4. NW3	-12	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	261.	3.0	.0	.0	.3	.0	.0	.4	.0	.0			
2. SE3	353.	1.9	.0	.0	.5	.0	.1	.6	.0	.0			
3. SW3	2.	3.0	.0	.0	.0	.0	.2	1.5	.3	.0			
4. NW3	95.	2.9	.0	.0	.1	.0	.0	.7	.0	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.4	1.4	.0	.1	.3	.0	.0	.0	.0	.0	.0
2. SE3	.0	.4	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
3. SW3	.0	.0	.4	.0	.0	.5	.0	.0	.0	.0	.0	.0
4. NW3	.1	1.6	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND SB RAMPS AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	0	2.1	.0	10.5
B. NA	7	-150	7	0	* AG	0	3.8	.0	9.9
C. ND	7	0	7	150	* AG	809	4.4	.0	9.9
D. NE	7	150	7	450	* AG	809	2.1	.0	10.5
E. SF	-5	450	-5	150	* AG	2067	2.1	.0	15.0
F. SA	-5	150	-5	0	* AG	1935	4.4	.0	13.5
G. SD	-7	0	-7	-150	* AG	675	4.4	.0	9.9
H. SE	-7	-150	-7	-450	* AG	675	2.1	.0	10.5
I. WF	450	9	150	9	* AG	3240	2.1	.0	15.0
J. WA	150	9	0	9	* AG	3240	3.8	.0	13.5
K. WD	0	9	-150	9	* AG	4366	2.5	.0	9.9
L. WE	-150	9	-450	9	* AG	4366	2.1	.0	15.0
M. EF	-450	-7	-150	-7	* AG	2486	2.1	.0	19.5
N. EA	-150	-7	0	-7	* AG	2486	3.3	.0	13.5
O. ED	0	-7	150	-7	* AG	1943	2.3	.0	13.5
P. EE	150	-7	450	-7	* AG	1943	2.1	.0	19.5
Q. NL	0	0	7	-150	* AG	0	3.8	.0	9.9
R. SL	0	0	-2	150	* AG	132	3.8	.0	9.9
S. WL	0	0	150	7	* AG	0	2.8	.0	9.9
T. EL	0	0	-150	-2	* AG	0	2.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	12	17	1.8
2. SE3	12	-17	1.8
3. SW3	-8	-17	1.8
4. NW3	-12	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	261.	* 2.6	* .0	* .0	* .3	* .0	* .0	* .4	* .0	* .0				
2. SE3	354.	* 1.8	* .0	* .0	* .6	* .0	* .2	* .4	* .0	* .0				
3. SW3	2.	* 2.7	* .0	* .0	* .0	* .0	* .2	* 1.2	* .3	* .0				
4. NW3	95.	* 2.6	* .0	* .0	* .1	* .0	* .0	* .5	* .0	* .0				

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	* .0	* .4	* 1.2	* .0	* .1	* .3	* .0	* .0	* .0	* .0	* .0	* .0
2. SE3	* .0	* .4	* .0	* .0	* .0	* .0	* .2	* .0	* .0	* .0	* .0	* .0
3. SW3	* .0	* .0	* .3	* .0	* .0	* .5	* .0	* .0	* .0	* .0	* .0	* .0
4. NW3	* .1	* 1.5	* .0	* .0	* .0	* .0	* .0	* .2	* .0	* .0	* .0	* .0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND SB RAMPS PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	0	2.1	.0	10.5
B. NA	7	-150	7	0	* AG	0	4.3	.0	9.9
C. ND	7	0	7	150	* AG	561	4.4	.0	9.9
D. NE	7	150	7	450	* AG	561	2.1	.0	10.5
E. SF	-5	450	-5	150	* AG	1548	2.1	.0	15.0
F. SA	-5	150	-5	0	* AG	1263	4.4	.0	13.5
G. SD	-7	0	-7	-150	* AG	1510	4.4	.0	9.9
H. SE	-7	-150	-7	-450	* AG	1510	2.1	.0	10.5
I. WF	450	9	150	9	* AG	2157	2.1	.0	15.0
J. WA	150	9	0	9	* AG	2157	3.2	.0	13.5
K. WD	0	9	-150	9	* AG	2859	2.5	.0	9.9
L. WE	-150	9	-450	9	* AG	2859	2.1	.0	15.0
M. EF	-450	-7	-150	-7	* AG	4719	2.1	.0	19.5
N. EA	-150	-7	0	-7	* AG	4719	3.8	.0	13.5
O. ED	0	-7	150	-7	* AG	3494	2.5	.0	13.5
P. EE	150	-7	450	-7	* AG	3494	2.1	.0	19.5
Q. NL	0	0	7	-150	* AG	0	4.3	.0	9.9
R. SL	0	0	-2	150	* AG	285	4.3	.0	9.9
S. WL	0	0	150	7	* AG	0	2.8	.0	9.9
T. EL	0	0	-150	-2	* AG	0	2.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	12	17	1.8
2. SE3	12	-17	1.8
3. SW3	-8	-17	1.8
4. NW3	-12	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	258.	2.2	.0	.0	.2	.0	.0	.2	.0	.0			
2. SE3	277.	2.4	.0	.0	.0	.0	.0	.0	.2	.0			
3. SW3	3.	3.1	.0	.0	.0	.0	.1	.8	.6	.0			
4. NW3	176.	2.2	.0	.0	.0	.0	.0	.1	1.0	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.3	.7	.0	.0	.7	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.2	.1	1.7	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.2	.0	.0	1.0	.0	.0	.0	.2	.0	.0
4. NW3	.0	.0	.4	.0	.0	.5	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND SB RAMPS PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	0	2.1	.0	10.5
B. NA	7	-150	7	0	* AG	0	4.4	.0	9.9
C. ND	7	0	7	150	* AG	594	4.4	.0	9.9
D. NE	7	150	7	450	* AG	594	2.1	.0	10.5
E. SF	-5	450	-5	150	* AG	1460	2.1	.0	15.0
F. SA	-5	150	-5	0	* AG	1244	4.4	.0	13.5
G. SD	-7	0	-7	-150	* AG	1510	4.4	.0	9.9
H. SE	-7	-150	-7	-450	* AG	1510	2.1	.0	10.5
I. WF	450	9	150	9	* AG	2545	2.1	.0	15.0
J. WA	150	9	0	9	* AG	2545	3.3	.0	13.5
K. WD	0	9	-150	9	* AG	3195	2.5	.0	9.9
L. WE	-150	9	-450	9	* AG	3195	2.1	.0	15.0
M. EF	-450	-7	-150	-7	* AG	5520	2.1	.0	19.5
N. EA	-150	-7	0	-7	* AG	5520	3.8	.0	13.5
O. ED	0	-7	150	-7	* AG	4226	2.5	.0	13.5
P. EE	150	-7	450	-7	* AG	4226	2.1	.0	19.5
Q. NL	0	0	7	-150	* AG	0	4.4	.0	9.9
R. SL	0	0	-2	150	* AG	216	4.4	.0	9.9
S. WL	0	0	150	7	* AG	0	2.8	.0	9.9
T. EL	0	0	-150	-2	* AG	0	2.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	12	17	1.8
2. SE3	12	-17	1.8
3. SW3	-8	-17	1.8
4. NW3	-12	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	258.	2.5	.0	.0	.2	.0	.0	.2	.0	.0			
2. SE3	277.	2.7	.0	.0	.0	.0	.0	.0	.2	.0			
3. SW3	3.	3.2	.0	.0	.0	.0	.1	.8	.6	.0			
4. NW3	176.	2.3	.0	.0	.0	.0	.0	.1	1.0	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.3	.8	.0	.0	.9	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.2	.1	2.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.2	.0	.0	1.1	.0	.0	.0	.1	.0	.0
4. NW3	.0	.0	.5	.0	.0	.6	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT AND PASEO PADRE AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	14	-450	14	-150	* AG	1000	2.1	.0	19.5
B. NA	14	-150	14	0	* AG	757	3.2	.0	27.0
C. ND	14	0	14	150	* AG	1720	2.4	.0	13.5
D. NE	14	150	14	450	* AG	1720	2.1	.0	19.5
E. SF	-14	450	-14	150	* AG	1813	2.1	.0	19.5
F. SA	-14	150	-14	0	* AG	1292	3.2	.0	22.5
G. SD	-14	0	-14	-150	* AG	1452	2.4	.0	13.5
H. SE	-14	-150	-14	-450	* AG	1452	2.1	.0	19.5
I. WF	450	9	150	9	* AG	1238	2.1	.0	15.0
J. WA	150	9	0	9	* AG	1138	3.4	.0	18.0
K. WD	0	9	-150	9	* AG	998	2.5	.0	9.9
L. WE	-150	9	-450	9	* AG	998	2.1	.0	15.0
M. EF	-450	-9	-150	-9	* AG	1120	2.1	.0	15.0
N. EA	-150	-9	0	-9	* AG	797	3.4	.0	18.0
O. ED	0	-9	150	-9	* AG	1001	2.5	.0	9.9
P. EE	150	-9	450	-9	* AG	1001	2.1	.0	15.0
Q. NL	0	0	9	-150	* AG	243	3.2	.0	9.9
R. SL	0	0	-9	150	* AG	521	3.2	.0	9.9
S. WL	0	0	150	7	* AG	100	3.4	.0	9.9
T. EL	0	0	-150	-7	* AG	323	3.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	23	17	1.8
2. SE3	23	-17	1.8
3. SW3	-23	-17	1.8
4. NW3	-23	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	CONC/LINK (PPM)								
						D	E	F	G	H				
1. NE3	264.	1.2	.0	.0	.2	.0	.0	.1	.0	.0				
2. SE3	353.	1.1	.0	.0	.5	.0	.2	.0	.0	.0				
3. SW3	84.	1.0	.0	.0	.0	.0	.0	.0	.2	.0				
4. NW3	173.	1.0	.1	.0	.0	.0	.0	.1	.4	.0				

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.2	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	.1	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0
4. NW3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT AND PASEO PADRE AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	14	-450	14	-150	* AG	1113	2.1	.0	19.5
B. NA	14	-150	14	0	* AG	826	3.3	.0	27.0
C. ND	14	0	14	150	* AG	1716	2.5	.0	13.5
D. NE	14	150	14	450	* AG	1716	2.1	.0	19.5
E. SF	-14	450	-14	150	* AG	1706	2.1	.0	19.5
F. SA	-14	150	-14	0	* AG	1338	3.3	.0	22.5
G. SD	-14	0	-14	-150	* AG	1904	2.5	.0	13.5
H. SE	-14	-150	-14	-450	* AG	1904	2.1	.0	19.5
I. WF	450	9	150	9	* AG	1421	2.1	.0	15.0
J. WA	150	9	0	9	* AG	1284	3.3	.0	18.0
K. WD	0	9	-150	9	* AG	1137	2.5	.0	9.9
L. WE	-150	9	-450	9	* AG	1137	2.1	.0	15.0
M. EF	-450	-9	-150	-9	* AG	1354	2.1	.0	15.0
N. EA	-150	-9	0	-9	* AG	996	3.3	.0	18.0
O. ED	0	-9	150	-9	* AG	837	2.4	.0	9.9
P. EE	150	-9	450	-9	* AG	837	2.1	.0	15.0
Q. NL	0	0	9	-150	* AG	287	3.3	.0	9.9
R. SL	0	0	-9	150	* AG	368	3.3	.0	9.9
S. WL	0	0	150	7	* AG	137	3.3	.0	9.9
T. EL	0	0	-150	-7	* AG	358	3.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	23	17	1.8
2. SE3	23	-17	1.8
3. SW3	-23	-17	1.8
4. NW3	-23	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	264.	1.3	.0	.0	.2	.0	.0	.1	.0	.0			
2. SE3	353.	1.1	.0	.0	.5	.0	.2	.0	.0	.0			
3. SW3	83.	1.1	.0	.0	.0	.0	.0	.0	.3	.0			
4. NW3	173.	1.2	.1	.0	.0	.0	.0	.2	.5	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.3	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	.1	.1	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0
4. NW3	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT AND PASEO PADRE PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES Y1	(M) X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	14	-450	14	-150	*	AG	1696	2.1	.0	19.5
B. NA	*	14	-150	14	0	*	AG	1450	2.9	.0	27.0
C. ND	*	14	0	14	150	*	AG	2053	2.4	.0	13.5
D. NE	*	14	150	14	450	*	AG	2053	2.1	.0	19.5
E. SF	*	-14	450	-14	150	*	AG	1964	2.1	.0	19.5
F. SA	*	-14	150	-14	0	*	AG	1314	3.0	.0	22.5
G. SD	*	-14	0	-14	-150	*	AG	1491	2.3	.0	13.5
H. SE	*	-14	-150	-14	-450	*	AG	1491	2.1	.0	19.5
I. WF	*	450	9	150	9	*	AG	1068	2.1	.0	15.0
J. WA	*	150	9	0	9	*	AG	1016	3.7	.0	18.0
K. WD	*	0	9	-150	9	*	AG	1026	2.9	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	1026	2.1	.0	15.0
M. EF	*	-450	-9	-150	-9	*	AG	997	2.1	.0	15.0
N. EA	*	-150	-9	0	-9	*	AG	816	3.7	.0	18.0
O. ED	*	0	-9	150	-9	*	AG	1155	3.3	.0	9.9
P. EE	*	150	-9	450	-9	*	AG	1155	2.1	.0	15.0
Q. NL	*	0	0	9	-150	*	AG	246	2.9	.0	9.9
R. SL	*	0	0	-9	150	*	AG	650	3.0	.0	9.9
S. WL	*	0	0	150	7	*	AG	52	3.7	.0	9.9
T. EL	*	0	0	-150	-7	*	AG	181	3.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES X	(M) Y	Z
1. NE3	*	23	17	1.8
2. SE3	*	23	-17	1.8
3. SW3	*	-23	-17	1.8
4. NW3	*	-23	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	264.	*	1.3	*	.0	.0	.3	.0	.0	.1	.0	.0
2. SE3	*	353.	*	1.3	*	.0	.1	.5	.0	.2	.0	.0	.0
3. SW3	*	84.	*	1.2	*	.0	.1	.0	.0	.0	.0	.2	.0
4. NW3	*	173.	*	1.1	*	.2	.0	.0	.0	.0	.1	.4	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.2	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	.1	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT AND PASEO PADRE PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	14	-450	14	-150	* AG	1611	2.1	.0	19.5
B. NA	14	-150	14	0	* AG	1365	2.9	.0	27.0
C. ND	14	0	14	150	* AG	1899	2.3	.0	13.5
D. NE	14	150	14	450	* AG	1899	2.1	.0	19.5
E. SF	-14	450	-14	150	* AG	1999	2.1	.0	19.5
F. SA	-14	150	-14	0	* AG	1192	2.9	.0	22.5
G. SD	-14	0	-14	-150	* AG	1595	2.3	.0	13.5
H. SE	-14	-150	-14	-450	* AG	1595	2.1	.0	19.5
I. WF	450	9	150	9	* AG	956	2.1	.0	15.0
J. WA	150	9	0	9	* AG	904	3.7	.0	18.0
K. WD	0	9	-150	9	* AG	946	2.9	.0	9.9
L. WE	-150	9	-450	9	* AG	946	2.1	.0	15.0
M. EF	-450	-9	-150	-9	* AG	1063	2.1	.0	15.0
N. EA	-150	-9	0	-9	* AG	882	3.7	.0	18.0
O. ED	0	-9	150	-9	* AG	1189	3.3	.0	9.9
P. EE	150	-9	450	-9	* AG	1189	2.1	.0	15.0
Q. NL	0	0	9	-150	* AG	246	2.9	.0	9.9
R. SL	0	0	-9	150	* AG	807	3.0	.0	9.9
S. WL	0	0	150	7	* AG	52	3.7	.0	9.9
T. EL	0	0	-150	-7	* AG	181	3.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	23	17	1.8
2. SE3	23	-17	1.8
3. SW3	-23	-17	1.8
4. NW3	-23	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	264.	1.2	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	353.	1.2	.0	.1	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0
3. SW3	84.	1.3	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
4. NW3	173.	1.1	.2	.0	.0	.0	.0	.0	.1	.4	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.2	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	.1	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
4. NW3	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT AND SB RAMPS AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	11	-450	11	-150	* AG	1453	2.1	.0	19.5
B. NA	11	-150	11	0	* AG	1345	2.9	.0	22.5
C. ND	11	0	11	150	* AG	1261	2.2	.0	13.5
D. NE	11	150	11	450	* AG	1261	2.1	.0	19.5
E. SF	-11	450	-11	150	* AG	2725	2.1	.0	19.5
F. SA	-11	150	-11	0	* AG	906	2.9	.0	13.5
G. SD	-11	0	-11	-150	* AG	1418	2.3	.0	13.5
H. SE	-11	-150	-11	-450	* AG	1418	2.1	.0	19.5
I. WF	450	11	150	11	* AG	782	2.1	.0	10.5
J. WA	150	11	0	11	* AG	371	3.8	.0	18.0
K. WD	0	11	-150	11	* AG	472	3.8	.0	9.9
L. WE	-150	11	-450	11	* AG	472	2.1	.0	10.5
M. EF	-450	-9	-150	-9	* AG	750	2.1	.0	15.0
N. EA	-150	-9	0	-9	* AG	675	3.8	.0	18.0
O. ED	0	-9	150	-9	* AG	2559	4.4	.0	9.9
P. EE	150	-9	450	-9	* AG	2559	2.1	.0	15.0
Q. NL	0	0	7	-150	* AG	108	2.8	.0	9.9
R. SL	0	0	-7	150	* AG	1819	3.0	.0	13.5
S. WL	0	0	150	11	* AG	411	3.8	.0	9.9
T. EL	0	0	-150	-7	* AG	75	3.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	21	17	1.8
2. SE3	21	-17	1.8
3. SW3	-21	-17	1.8
4. NW3	-21	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	185.	1.1	.1	.4	.0	.0	.0	.0	.0	.0	.1			
2. SE3	349.	1.7	.0	.1	.3	.0	.1	.0	.0	.0	.0			
3. SW3	84.	1.8	.0	.1	.0	.0	.0	.0	.0	.2	.0			
4. NW3	101.	1.3	.0	.0	.0	.0	.0	.0	.1	.0	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.7	.0	.0	.3	.0	.0
3. SW3	.0	.0	.0	.0	.0	.2	1.2	.0	.0	.0	.0	.0
4. NW3	.0	.1	.2	.0	.0	.0	.4	.0	.0	.2	.1	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT AND SB RAMPS AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	11	-450	11	-150	* AG	1570	2.1	.0	19.5
B. NA	11	-150	11	0	* AG	1462	2.9	.0	22.5
C. ND	11	0	11	150	* AG	1202	2.2	.0	13.5
D. NE	11	150	11	450	* AG	1202	2.1	.0	19.5
E. SF	-11	450	-11	150	* AG	2430	2.1	.0	19.5
F. SA	-11	150	-11	0	* AG	600	2.8	.0	13.5
G. SD	-11	0	-11	-150	* AG	1001	2.2	.0	13.5
H. SE	-11	-150	-11	-450	* AG	1001	2.1	.0	19.5
I. WF	450	11	150	11	* AG	925	2.1	.0	10.5
J. WA	150	11	0	11	* AG	552	3.8	.0	18.0
K. WD	0	11	-150	11	* AG	691	4.4	.0	9.9
L. WE	-150	11	-450	11	* AG	691	2.1	.0	10.5
M. EF	-450	-9	-150	-9	* AG	720	2.1	.0	15.0
N. EA	-150	-9	0	-9	* AG	624	3.8	.0	18.0
O. ED	0	-9	150	-9	* AG	2751	4.4	.0	9.9
P. EE	150	-9	450	-9	* AG	2751	2.1	.0	15.0
Q. NL	0	0	7	-150	* AG	108	2.8	.0	9.9
R. SL	0	0	-7	150	* AG	1830	3.0	.0	13.5
S. WL	0	0	150	11	* AG	373	3.8	.0	9.9
T. EL	0	0	-150	-7	* AG	96	3.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	21	17	1.8
2. SE3	21	-17	1.8
3. SW3	-21	-17	1.8
4. NW3	-21	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	185.	* 1.2 *	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	349.	* 1.7 *	.0	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0
3. SW3	84.	* 1.9 *	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0
4. NW3	101.	* 1.4 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.1	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.7	.0	.0	.3	.0	.0
3. SW3	.1	.0	.0	.0	.0	.1	1.2	.0	.0	.0	.0	.0
4. NW3	.0	.2	.3	.0	.0	.0	.4	.0	.0	.2	.1	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT AND SB RAMPS PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	11	-450	11	-150	* AG	1771	2.1	.0	19.5
B. NA	11	-150	11	0	* AG	1676	2.9	.0	22.5
C. ND	11	0	11	150	* AG	2068	2.3	.0	13.5
D. NE	11	150	11	450	* AG	2068	2.1	.0	19.5
E. SF	-11	450	-11	150	* AG	1477	2.1	.0	19.5
F. SA	-11	150	-11	0	* AG	499	2.9	.0	13.5
G. SD	-11	0	-11	-150	* AG	959	2.2	.0	13.5
H. SE	-11	-150	-11	-450	* AG	959	2.1	.0	19.5
I. WF	450	11	150	11	* AG	1026	2.1	.0	10.5
J. WA	150	11	0	11	* AG	480	3.7	.0	18.0
K. WD	0	11	-150	11	* AG	495	3.2	.0	9.9
L. WE	-150	11	-450	11	* AG	495	2.1	.0	10.5
M. EF	-450	-9	-150	-9	* AG	544	2.1	.0	15.0
N. EA	-150	-9	0	-9	* AG	294	3.7	.0	18.0
O. ED	0	-9	150	-9	* AG	1296	3.7	.0	9.9
P. EE	150	-9	450	-9	* AG	1296	2.1	.0	15.0
Q. NL	0	0	7	-150	* AG	95	2.9	.0	9.9
R. SL	0	0	-7	150	* AG	978	2.9	.0	13.5
S. WL	0	0	150	11	* AG	546	3.8	.0	9.9
T. EL	0	0	-150	-7	* AG	250	3.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	21	17	1.8
2. SE3	21	-17	1.8
3. SW3	-21	-17	1.8
4. NW3	-21	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	184.	1.1	.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	353.	1.4	.0	.2	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0
3. SW3	84.	1.2	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
4. NW3	96.	1.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
3. SW3	.1	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0
4. NW3	.0	.2	.1	.0	.0	.0	.0	.1	.0	.1	.2	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT AND SB RAMPS PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	1628	2.1	.0	19.5
B. NA	*	11	-150	11	0	*	AG	1564	2.9	.0	22.5
C. ND	*	11	0	11	150	*	AG	1807	2.3	.0	13.5
D. NE	*	11	150	11	450	*	AG	1807	2.1	.0	19.5
E. SF	*	-11	450	-11	150	*	AG	1457	2.1	.0	19.5
F. SA	*	-11	150	-11	0	*	AG	496	2.9	.0	13.5
G. SD	*	-11	0	-11	-150	*	AG	931	2.2	.0	13.5
H. SE	*	-11	-150	-11	-450	*	AG	931	2.1	.0	19.5
I. WF	*	450	11	150	11	*	AG	963	2.1	.0	10.5
J. WA	*	150	11	0	11	*	AG	431	3.7	.0	18.0
K. WD	*	0	11	-150	11	*	AG	475	3.4	.0	9.9
L. WE	*	-150	11	-450	11	*	AG	475	2.1	.0	10.5
M. EF	*	-450	-9	-150	-9	*	AG	444	2.1	.0	15.0
N. EA	*	-150	-9	0	-9	*	AG	294	3.7	.0	18.0
O. ED	*	0	-9	150	-9	*	AG	1279	4.0	.0	9.9
P. EE	*	150	-9	450	-9	*	AG	1279	2.1	.0	15.0
Q. NL	*	0	0	7	-150	*	AG	64	2.9	.0	9.9
R. SL	*	0	0	-7	150	*	AG	961	2.9	.0	13.5
S. WL	*	0	0	150	11	*	AG	532	3.8	.0	9.9
T. EL	*	0	0	-150	-7	*	AG	150	3.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	21	17	1.8
2. SE3	*	21	-17	1.8
3. SW3	*	-21	-17	1.8
4. NW3	*	-21	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	184.	*	1.0	*	.1	.5	.0	.0	.0	.0	.0	.0
2. SE3	*	352.	*	1.3	*	.0	.2	.5	.0	.1	.0	.0	.0
3. SW3	*	84.	*	1.2	*	.0	.1	.0	.0	.0	.0	.1	.0
4. NW3	*	98.	*	1.0	*	.0	.0	.1	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
3. SW3	*	.1	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0
4. NW3	*	.0	.2	.2	.0	.0	.0	.1	.1	.0	.1	.2	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND 7TH AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	Y2	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	1592	2.1	.0	15.0	
B. NA	*	7	-150	7	0	*	AG	1489	2.9	.0	13.5	
C. ND	*	7	0	7	150	*	AG	1605	2.4	.0	9.9	
D. NE	*	7	150	7	450	*	AG	1605	2.1	.0	15.0	
E. SF	*	-7	450	-7	150	*	AG	1244	2.1	.0	15.0	
F. SA	*	-7	150	-7	0	*	AG	1156	2.9	.0	13.5	
G. SD	*	-7	0	-7	-150	*	AG	1321	2.3	.0	9.9	
H. SE	*	-7	-150	-7	-450	*	AG	1321	2.1	.0	15.0	
I. WF	*	450	2	150	2	*	AG	243	2.1	.0	10.5	
J. WA	*	150	2	0	2	*	AG	165	4.4	.0	9.9	
K. WD	*	0	2	-150	2	*	AG	183	3.8	.0	9.9	
L. WE	*	-150	2	-450	2	*	AG	183	2.1	.0	10.5	
M. EF	*	-450	-2	-150	-2	*	AG	181	2.1	.0	10.5	
N. EA	*	-150	-2	0	-2	*	AG	157	4.4	.0	9.9	
O. ED	*	0	-2	150	-2	*	AG	151	3.8	.0	9.9	
P. EE	*	150	-2	450	-2	*	AG	151	2.1	.0	10.5	
Q. NL	*	0	0	5	-150	*	AG	103	2.8	.0	9.9	
R. SL	*	0	0	-5	150	*	AG	88	2.8	.0	9.9	
S. WL	*	0	0	150	2	*	AG	78	4.4	.0	9.9	
T. EL	*	0	0	-150	-2	*	AG	24	4.4	.0	9.9	

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	*	185.	*	1.1	.0	.7	.0	.0	.0	.0	.0	.2
2. SE3	*	352.	*	.9	.0	.0	.5	.0	.0	.1	.0	.0
3. SW3	*	5.	*	1.0	.0	.0	.0	.2	.0	.5	.0	.0
4. NW3	*	172.	*	.9	.1	.2	.0	.0	.0	.0	.4	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND 7TH AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	1876	2.1	.0	15.0
B. NA	7	-150	7	0	* AG	1227	2.9	.0	13.5
C. ND	7	0	7	150	* AG	1723	2.4	.0	9.9
D. NE	7	150	7	450	* AG	1723	2.1	.0	15.0
E. SF	-7	450	-7	150	* AG	2151	2.1	.0	15.0
F. SA	-7	150	-7	0	* AG	2111	3.2	.0	13.5
G. SD	-7	0	-7	-150	* AG	1804	2.4	.0	9.9
H. SE	-7	-150	-7	-450	* AG	1804	2.1	.0	15.0
I. WF	450	2	150	2	* AG	321	2.1	.0	10.5
J. WA	150	2	0	2	* AG	249	3.8	.0	9.9
K. WD	0	2	-150	2	* AG	1895	4.4	.0	9.9
L. WE	-150	2	-450	2	* AG	1895	2.1	.0	10.5
M. EF	-450	-2	-150	-2	* AG	1269	2.1	.0	10.5
N. EA	-150	-2	0	-2	* AG	829	4.4	.0	9.9
O. ED	0	-2	150	-2	* AG	195	2.5	.0	9.9
P. EE	150	-2	450	-2	* AG	195	2.1	.0	10.5
Q. NL	0	0	5	-150	* AG	649	3.0	.0	9.9
R. SL	0	0	-5	150	* AG	40	2.8	.0	9.9
S. WL	0	0	150	2	* AG	72	3.8	.0	9.9
T. EL	0	0	-150	-2	* AG	440	4.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	8	1.8
2. SE3	14	-8	1.8
3. SW3	-14	-8	1.8
4. NW3	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	265.	2.6	.0	.0	.2	.0	.0	.2	.0	.0			
2. SE3	275.	2.2	.0	.2	.0	.0	.0	.0	.1	.0			
3. SW3	5.	2.2	.0	.0	.0	.2	.1	1.0	.0	.0			
4. NW3	264.	2.4	.0	.0	.0	.0	.0	.0	.0	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	1.2	.0	.0	.4	.0	.0	.0	.0	.0	.3
2. SE3	.0	.0	.7	.1	.0	.6	.0	.0	.0	.0	.0	.3
3. SW3	.0	.0	.4	.0	.0	.3	.0	.0	.0	.0	.0	.1
4. NW3	.0	.0	1.7	.0	.0	.4	.0	.0	.0	.0	.0	.3

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND 7TH PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	1707	2.1	.0	15.0
B. NA	7	-150	7	0	* AG	1587	2.9	.0	13.5
C. ND	7	0	7	150	* AG	1634	2.4	.0	9.9
D. NE	7	150	7	450	* AG	1634	2.1	.0	15.0
E. SF	-7	450	-7	150	* AG	1037	2.1	.0	15.0
F. SA	-7	150	-7	0	* AG	930	2.9	.0	13.5
G. SD	-7	0	-7	-150	* AG	1218	2.3	.0	9.9
H. SE	-7	-150	-7	-450	* AG	1218	2.1	.0	15.0
I. WF	450	2	150	2	* AG	177	2.1	.0	10.5
J. WA	150	2	0	2	* AG	114	4.4	.0	9.9
K. WD	0	2	-150	2	* AG	174	3.4	.0	9.9
L. WE	-150	2	-450	2	* AG	174	2.1	.0	10.5
M. EF	-450	-2	-150	-2	* AG	307	2.1	.0	10.5
N. EA	-150	-2	0	-2	* AG	287	4.4	.0	9.9
O. ED	0	-2	150	-2	* AG	202	3.4	.0	9.9
P. EE	150	-2	450	-2	* AG	202	2.1	.0	10.5
Q. NL	0	0	5	-150	* AG	120	2.8	.0	9.9
R. SL	0	0	-5	150	* AG	107	2.8	.0	9.9
S. WL	0	0	150	2	* AG	63	4.4	.0	9.9
T. EL	0	0	-150	-2	* AG	20	4.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	8	1.8
2. SE3	14	-8	1.8
3. SW3	-14	-8	1.8
4. NW3	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	185.	1.1	.1	.7	.0	.0	.0	.0	.0	.1
2. SE3	185.	1.1	.1	.7	.0	.0	.0	.0	.0	.2
3. SW3	5.	.9	.0	.0	.0	.2	.0	.4	.0	.0
4. NW3	172.	.9	.1	.2	.0	.0	.0	.0	.4	.0

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND 7TH PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	1947	2.1	.0	15.0
B. NA	7	-150	7	0	* AG	1568	3.1	.0	13.5
C. ND	7	0	7	150	* AG	2563	2.9	.0	9.9
D. NE	7	150	7	450	* AG	2563	2.1	.0	15.0
E. SF	-7	450	-7	150	* AG	1536	2.1	.0	15.0
F. SA	-7	150	-7	0	* AG	1473	3.1	.0	13.5
G. SD	-7	0	-7	-150	* AG	1553	2.5	.0	9.9
H. SE	-7	-150	-7	-450	* AG	1553	2.1	.0	15.0
I. WF	450	2	150	2	* AG	230	2.1	.0	10.5
J. WA	150	2	0	2	* AG	199	3.6	.0	9.9
K. WD	0	2	-150	2	* AG	1101	4.4	.0	9.9
L. WE	-150	2	-450	2	* AG	1101	2.1	.0	10.5
M. EF	-450	-2	-150	-2	* AG	1787	2.1	.0	10.5
N. EA	-150	-2	0	-2	* AG	798	4.4	.0	9.9
O. ED	0	-2	150	-2	* AG	283	2.5	.0	9.9
P. EE	150	-2	450	-2	* AG	283	2.1	.0	10.5
Q. NL	0	0	5	-150	* AG	379	3.1	.0	9.9
R. SL	0	0	-5	150	* AG	63	2.9	.0	9.9
S. WL	0	0	150	2	* AG	31	3.6	.0	9.9
T. EL	0	0	-150	-2	* AG	989	4.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	8	1.8
2. SE3	14	-8	1.8
3. SW3	-14	-8	1.8
4. NW3	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	265.	2.5	.0	.0	.4	.0	.0	.2	.0	.0			
2. SE3	275.	2.3	.0	.3	.0	.0	.0	.0	.1	.0			
3. SW3	6.	1.9	.0	.0	.1	.2	.0	.7	.0	.0			
4. NW3	264.	2.0	.0	.0	.0	.0	.0	.0	.0	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.8	.0	.1	.3	.0	.0	.0	.0	.0	.6
2. SE3	.0	.0	.5	.0	.0	.6	.0	.0	.0	.0	.0	.6
3. SW3	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0	.0	.3
4. NW3	.0	.0	1.0	.0	.1	.3	.0	.0	.0	.0	.0	.5

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND NILES CANYON AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	1635	2.1	.0	19.5
B. NA	*	11	-150	11	0	*	AG	1437	3.1	.0	22.5
C. ND	*	11	0	11	150	*	AG	1915	2.4	.0	13.5
D. NE	*	11	150	11	450	*	AG	1915	2.1	.0	19.5
E. SF	*	-11	450	-11	150	*	AG	1547	2.1	.0	19.5
F. SA	*	-11	150	-11	0	*	AG	1091	3.1	.0	22.5
G. SD	*	-11	0	-11	-150	*	AG	2242	2.5	.0	13.5
H. SE	*	-11	-150	-11	-450	*	AG	2242	2.1	.0	19.5
I. WF	*	450	9	150	9	*	AG	1755	2.1	.0	10.5
J. WA	*	150	9	0	9	*	AG	806	3.4	.0	18.0
K. WD	*	0	9	-150	9	*	AG	364	2.5	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	364	2.1	.0	10.5
M. EF	*	-450	-9	-150	-9	*	AG	515	2.1	.0	10.5
N. EA	*	-150	-9	0	-9	*	AG	444	3.7	.0	9.9
O. ED	*	0	-9	150	-9	*	AG	931	4.2	.0	9.9
P. EE	*	150	-9	450	-9	*	AG	931	2.1	.0	10.5
Q. NL	*	0	0	7	-150	*	AG	198	3.1	.0	9.9
R. SL	*	0	0	-7	150	*	AG	456	3.1	.0	9.9
S. WL	*	0	0	150	9	*	AG	949	3.8	.0	9.9
T. EL	*	0	0	-150	-9	*	AG	71	3.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	21	14	1.8
2. SE3	*	21	-14	1.8
3. SW3	*	-21	-14	1.8
4. NW3	*	-21	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	186.	*	1.3	*	.0	.5	.0	.0	.0	.0	.0	.2
2. SE3	*	353.	*	1.4	*	.0	.1	.5	.0	.2	.0	.0	.0
3. SW3	*	83.	*	1.5	*	.0	.1	.0	.0	.0	.0	.3	.0
4. NW3	*	95.	*	1.2	*	.0	.0	.1	.0	.0	.2	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.2	.0
2. SE3	*	.0	.1	.0	.0	.0	.0	.3	.0	.0	.0	.2	.0
3. SW3	*	.1	.0	.0	.0	.0	.1	.5	.0	.0	.0	.2	.0
4. NW3	*	.0	.3	.0	.0	.0	.0	.0	.1	.0	.0	.3	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND NILES CANYON AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	* AG	1572	2.1	.0	19.5
B. NA	*	11	-150	11	0	* AG	1070	3.0	.0	22.5
C. ND	*	11	0	11	150	* AG	1728	2.4	.0	13.5
D. NE	*	11	150	11	450	* AG	1728	2.1	.0	19.5
E. SF	*	-11	450	-11	150	* AG	1557	2.1	.0	19.5
F. SA	*	-11	150	-11	0	* AG	1117	3.0	.0	22.5
G. SD	*	-11	0	-11	-150	* AG	1906	2.4	.0	13.5
H. SE	*	-11	-150	-11	-450	* AG	1906	2.1	.0	19.5
I. WF	*	450	9	150	9	* AG	1510	2.1	.0	10.5
J. WA	*	150	9	0	9	* AG	923	3.6	.0	18.0
K. WD	*	0	9	-150	9	* AG	668	3.6	.0	9.9
L. WE	*	-150	9	-450	9	* AG	668	2.1	.0	10.5
M. EF	*	-450	-9	-150	-9	* AG	547	2.1	.0	10.5
N. EA	*	-150	-9	0	-9	* AG	434	3.7	.0	9.9
O. ED	*	0	-9	150	-9	* AG	884	4.4	.0	9.9
P. EE	*	150	-9	450	-9	* AG	884	2.1	.0	10.5
Q. NL	*	0	0	7	-150	* AG	502	3.2	.0	9.9
R. SL	*	0	0	-7	150	* AG	440	3.0	.0	9.9
S. WL	*	0	0	150	9	* AG	587	3.6	.0	9.9
T. EL	*	0	0	-150	-9	* AG	113	3.6	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	21	14	1.8
2. SE3	*	21	-14	1.8
3. SW3	*	-21	-14	1.8
4. NW3	*	-21	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	186.	*	1.1	*	.0	.4	.0	.0	.0	.0	.0	.2
2. SE3	*	353.	*	1.3	*	.0	.0	.5	.0	.2	.0	.0	.0
3. SW3	*	84.	*	1.4	*	.0	.0	.0	.0	.0	.0	.3	.0
4. NW3	*	95.	*	1.3	*	.0	.0	.1	.0	.0	.2	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	.0	.1	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
3. SW3	*	.1	.0	.0	.0	.0	.1	.5	.0	.0	.0	.0	.0
4. NW3	*	.0	.4	.2	.0	.0	.0	.0	.1	.0	.0	.2	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND NILES CANYON PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	2462	2.1	.0	19.5
B. NA	*	11	-150	11	0	*	AG	2186	2.9	.0	22.5
C. ND	*	11	0	11	150	*	AG	2073	2.3	.0	13.5
D. NE	*	11	150	11	450	*	AG	2073	2.1	.0	19.5
E. SF	*	-11	450	-11	150	*	AG	1364	2.1	.0	19.5
F. SA	*	-11	150	-11	0	*	AG	817	2.9	.0	22.5
G. SD	*	-11	0	-11	-150	*	AG	1732	2.3	.0	13.5
H. SE	*	-11	-150	-11	-450	*	AG	1732	2.1	.0	19.5
I. WF	*	450	9	150	9	*	AG	1201	2.1	.0	10.5
J. WA	*	150	9	0	9	*	AG	663	3.7	.0	18.0
K. WD	*	0	9	-150	9	*	AG	440	2.7	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	440	2.1	.0	10.5
M. EF	*	-450	-9	-150	-9	*	AG	584	2.1	.0	10.5
N. EA	*	-150	-9	0	-9	*	AG	565	4.4	.0	9.9
O. ED	*	0	-9	150	-9	*	AG	1366	4.4	.0	9.9
P. EE	*	150	-9	450	-9	*	AG	1366	2.1	.0	10.5
Q. NL	*	0	0	7	-150	*	AG	276	2.9	.0	9.9
R. SL	*	0	0	-7	150	*	AG	547	2.9	.0	9.9
S. WL	*	0	0	150	9	*	AG	538	3.8	.0	9.9
T. EL	*	0	0	-150	-9	*	AG	19	3.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	21	14	1.8
2. SE3	*	21	-14	1.8
3. SW3	*	-21	-14	1.8
4. NW3	*	-21	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	1.4	*	.2	.7	.0	.0	.0	.0	.0	.1
2. SE3	*	353.	*	1.6	*	.0	.2	.5	.0	.1	.0	.0	.0
3. SW3	*	85.	*	1.8	*	.0	.2	.0	.0	.0	.0	.2	.0
4. NW3	*	97.	*	1.1	*	.0	.0	.1	.0	.0	.1	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0
3. SW3	*	.1	.0	.0	.0	.0	.2	.8	.0	.0	.0	.0	.0
4. NW3	*	.0	.3	.1	.0	.0	.0	.1	.1	.0	.0	.2	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND NILES CANYON PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	11	-450	11	-150	* AG	2356	2.1	.0	19.5
B. NA	11	-150	11	0	* AG	2071	2.9	.0	22.5
C. ND	11	0	11	150	* AG	2081	2.3	.0	13.5
D. NE	11	150	11	450	* AG	2081	2.1	.0	19.5
E. SF	-11	450	-11	150	* AG	1369	2.1	.0	19.5
F. SA	-11	150	-11	0	* AG	747	2.8	.0	22.5
G. SD	-11	0	-11	-150	* AG	1352	2.3	.0	13.5
H. SE	-11	-150	-11	-450	* AG	1352	2.1	.0	19.5
I. WF	450	9	150	9	* AG	1254	2.1	.0	10.5
J. WA	150	9	0	9	* AG	770	3.8	.0	18.0
K. WD	0	9	-150	9	* AG	442	2.8	.0	9.9
L. WE	-150	9	-450	9	* AG	442	2.1	.0	10.5
M. EF	-450	-9	-150	-9	* AG	328	2.1	.0	10.5
N. EA	-150	-9	0	-9	* AG	309	4.0	.0	9.9
O. ED	0	-9	150	-9	* AG	1432	4.4	.0	9.9
P. EE	150	-9	450	-9	* AG	1432	2.1	.0	10.5
Q. NL	0	0	7	-150	* AG	285	2.9	.0	9.9
R. SL	0	0	-7	150	* AG	622	2.9	.0	9.9
S. WL	0	0	150	9	* AG	484	3.8	.0	9.9
T. EL	0	0	-150	-9	* AG	19	3.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	21	14	1.8
2. SE3	21	-14	1.8
3. SW3	-21	-14	1.8
4. NW3	-21	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	185.	1.4	.2	.6	.0	.0	.0	.0	.0	.0	.1		
2. SE3	353.	1.6	.0	.2	.5	.0	.1	.0	.0	.0	.0		
3. SW3	85.	1.6	.0	.2	.0	.0	.0	.0	.2	.0	.0		
4. NW3	96.	1.2	.0	.0	.1	.0	.0	.1	.0	.0	.0		

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. SE3	.0	.1	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0
3. SW3	.1	.0	.0	.0	.0	.1	.9	.0	.0	.0	.0	.0
4. NW3	.0	.3	.1	.0	.0	.0	.1	.1	.0	.0	.2	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND NURSERY AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	1725	2.1	.0	15.0
B. NA	*	7	-150	7	0	*	AG	1416	2.9	.0	13.5
C. ND	*	7	0	7	150	*	AG	1614	2.4	.0	9.9
D. NE	*	7	150	7	450	*	AG	1614	2.1	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	1279	2.1	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	1274	2.9	.0	13.5
G. SD	*	-7	0	-7	-150	*	AG	1546	2.4	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	1546	2.1	.0	15.0
I. WF	*	450	2	150	2	*	AG	135	2.1	.0	10.5
J. WA	*	150	2	0	2	*	AG	84	4.2	.0	9.9
K. WD	*	0	2	-150	2	*	AG	535	4.4	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	535	2.1	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	601	2.1	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	409	4.4	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	45	2.7	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	45	2.1	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	309	2.9	.0	9.9
R. SL	*	0	0	-5	150	*	AG	5	2.8	.0	9.9
S. WL	*	0	0	150	2	*	AG	51	4.2	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	192	4.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	265.	*	1.2	*	.0	.0	.2	.0	.0	.1	.0	.0
2. SE3	*	275.	*	1.2	*	.0	.3	.0	.0	.0	.0	.1	.0
3. SW3	*	5.	*	1.2	*	.0	.0	.0	.2	.0	.6	.0	.0
4. NW3	*	172.	*	1.2	*	.1	.2	.0	.0	.0	.0	.5	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0	.0	.1
2. SE3	*	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.1
3. SW3	*	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND NURSERY AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	1644	2.1	.0	15.0
B. NA	7	-150	7	0	* AG	1208	2.9	.0	13.5
C. ND	7	0	7	150	* AG	1753	2.4	.0	9.9
D. NE	7	150	7	450	* AG	1753	2.1	.0	15.0
E. SF	-7	450	-7	150	* AG	1434	2.1	.0	15.0
F. SA	-7	150	-7	0	* AG	1424	2.9	.0	13.5
G. SD	-7	0	-7	-150	* AG	1618	2.4	.0	9.9
H. SE	-7	-150	-7	-450	* AG	1618	2.1	.0	15.0
I. WF	450	2	150	2	* AG	135	2.1	.0	10.5
J. WA	150	2	0	2	* AG	85	4.0	.0	9.9
K. WD	0	2	-150	2	* AG	633	4.4	.0	9.9
L. WE	-150	2	-450	2	* AG	633	2.1	.0	10.5
M. EF	-450	-2	-150	-2	* AG	839	2.1	.0	10.5
N. EA	-150	-2	0	-2	* AG	322	4.3	.0	9.9
O. ED	0	-2	150	-2	* AG	48	2.6	.0	9.9
P. EE	150	-2	450	-2	* AG	48	2.1	.0	10.5
Q. NL	0	0	5	-150	* AG	436	2.9	.0	9.9
R. SL	0	0	-5	150	* AG	10	2.8	.0	9.9
S. WL	0	0	150	2	* AG	50	4.0	.0	9.9
T. EL	0	0	-150	-2	* AG	517	4.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	8	1.8
2. SE3	14	-8	1.8
3. SW3	-14	-8	1.8
4. NW3	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	265.	1.5	.0	.0	.3	.0	.0	.2	.0	.0
2. SE3	275.	1.4	.0	.2	.0	.0	.0	.0	.1	.0
3. SW3	5.	1.4	.0	.0	.0	.2	.0	.6	.0	.0
4. NW3	172.	1.3	.1	.1	.0	.0	.0	.0	.5	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.5	.0	.0	.2	.0	.0	.0	.0	.0	.3
2. SE3	.0	.0	.3	.0	.0	.3	.0	.0	.0	.0	.0	.3
3. SW3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1
4. NW3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND NURSERY PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	2074	2.1	.0	15.0
B. NA	*	7	-150	7	0	*	AG	1701	3.0	.0	13.5
C. ND	*	7	0	7	150	*	AG	1799	2.4	.0	9.9
D. NE	*	7	150	7	450	*	AG	1799	2.1	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	988	2.1	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	965	2.9	.0	13.5
G. SD	*	-7	0	-7	-150	*	AG	1142	2.3	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	1142	2.1	.0	15.0
I. WF	*	450	2	150	2	*	AG	36	2.1	.0	10.5
J. WA	*	150	2	0	2	*	AG	18	4.3	.0	9.9
K. WD	*	0	2	-150	2	*	AG	656	4.4	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	656	2.1	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	577	2.1	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	457	4.4	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	78	3.1	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	78	2.1	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	373	2.9	.0	9.9
R. SL	*	0	0	-5	150	*	AG	23	2.8	.0	9.9
S. WL	*	0	0	150	2	*	AG	18	4.3	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	120	4.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	266.	*	1.3	*	.0	.0	.3	.0	.0	.1	.0	.0
2. SE3	*	275.	*	1.3	*	.0	.3	.0	.0	.0	.0	.0	.0
3. SW3	*	5.	*	1.1	*	.0	.0	.0	.2	.0	.4	.0	.0
4. NW3	*	172.	*	1.2	*	.1	.2	.0	.0	.0	.0	.4	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.5	.0	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.3	.0	.0	.4	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND NURSERY PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	2053	2.1	.0	15.0
B. NA	7	-150	7	0	* AG	1663	3.0	.0	13.5
C. ND	7	0	7	150	* AG	1766	2.4	.0	9.9
D. NE	7	150	7	450	* AG	1766	2.1	.0	15.0
E. SF	-7	450	-7	150	* AG	895	2.1	.0	15.0
F. SA	-7	150	-7	0	* AG	863	2.9	.0	13.5
G. SD	-7	0	-7	-150	* AG	1210	2.3	.0	9.9
H. SE	-7	-150	-7	-450	* AG	1210	2.1	.0	15.0
I. WF	450	2	150	2	* AG	38	2.1	.0	10.5
J. WA	150	2	0	2	* AG	20	4.2	.0	9.9
K. WD	0	2	-150	2	* AG	573	4.4	.0	9.9
L. WE	-150	2	-450	2	* AG	573	2.1	.0	10.5
M. EF	-450	-2	-150	-2	* AG	639	2.1	.0	10.5
N. EA	-150	-2	0	-2	* AG	519	4.4	.0	9.9
O. ED	0	-2	150	-2	* AG	76	2.8	.0	9.9
P. EE	150	-2	450	-2	* AG	76	2.1	.0	10.5
Q. NL	0	0	5	-150	* AG	390	2.9	.0	9.9
R. SL	0	0	-5	150	* AG	32	2.8	.0	9.9
S. WL	0	0	150	2	* AG	18	4.2	.0	9.9
T. EL	0	0	-150	-2	* AG	120	4.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	8	1.8
2. SE3	14	-8	1.8
3. SW3	-14	-8	1.8
4. NW3	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	265.	1.2	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	275.	1.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	5.	1.0	.0	.0	.0	.2	.0	.4	.0	.0	.0	.0	.0
4. NW3	172.	1.2	.1	.2	.0	.0	.0	.0	.4	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.5	.0	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.3	.0	.0	.4	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: NEW ROAD AND OSPREY AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	0	-450	0	-150	* AG	86	2.1	.0	10.5
B. NA	*	0	-150	0	0	* AG	61	4.3	.0	9.9
C. ND	*	0	0	0	150	* AG	375	4.4	.0	9.9
D. NE	*	0	150	0	450	* AG	375	2.1	.0	10.5
E. SF	*	0	450	0	150	* AG	736	2.1	.0	10.5
F. SA	*	0	150	0	0	* AG	649	4.4	.0	9.9
G. SD	*	0	0	0	-150	* AG	594	4.4	.0	9.9
H. SE	*	0	-150	0	-450	* AG	594	2.1	.0	10.5
I. WF	*	450	0	150	0	* AG	2616	2.1	.0	15.0
J. WA	*	150	0	0	0	* AG	2511	3.3	.0	13.5
K. WD	*	0	0	-150	0	* AG	2654	2.5	.0	9.9
L. WE	*	-150	0	-450	0	* AG	2654	2.1	.0	15.0
M. EF	*	-450	0	-150	0	* AG	1196	2.1	.0	15.0
N. EA	*	-150	0	0	0	* AG	907	2.9	.0	13.5
O. ED	*	0	0	150	0	* AG	1011	2.3	.0	9.9
P. EE	*	150	0	450	0	* AG	1011	2.1	.0	15.0
Q. NL	*	0	0	2	-150	* AG	25	4.3	.0	9.9
R. SL	*	0	0	-2	150	* AG	87	4.3	.0	9.9
S. WL	*	0	0	150	2	* AG	105	2.8	.0	9.9
T. EL	*	0	0	-150	-2	* AG	289	2.9	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	3	3	1.8
2. SE3	*	3	-3	1.8
3. SW3	*	-3	-3	1.8
4. NW3	*	-3	3	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	*	268.	*	3.0	.0	.0	.0	.0	.0	.2	.0	.0
2. SE3	*	271.	*	2.9	.0	.0	.0	.0	.0	.0	.2	.0
3. SW3	*	89.	*	2.9	.0	.0	.0	.0	.0	.0	.2	.0
4. NW3	*	91.	*	3.1	.0	.0	.0	.0	.0	.2	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.1	1.4	.2	.1	.6	.0	.0	.0	.0	.0	.2
2. SE3	*	.0	.1	1.4	.3	.2	.6	.0	.0	.0	.0	.0	.2
3. SW3	*	.3	1.5	.1	.0	.0	.0	.6	.1	.0	.0	.0	.0
4. NW3	*	.3	1.5	.1	.0	.0	.0	.6	.1	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: NEW ROAD AND OSPREY PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	0	-450	0	-150	*	AG	546	2.1	.0	10.5
B. NA	*	0	-150	0	0	*	AG	533	4.4	.0	9.9
C. ND	*	0	0	0	150	*	AG	626	4.4	.0	9.9
D. NE	*	0	150	0	450	*	AG	626	2.1	.0	10.5
E. SF	*	0	450	0	150	*	AG	317	2.1	.0	10.5
F. SA	*	0	150	0	0	*	AG	254	4.4	.0	9.9
G. SD	*	0	0	0	-150	*	AG	117	2.7	.0	9.9
H. SE	*	0	-150	0	-450	*	AG	117	2.1	.0	10.5
I. WF	*	450	0	150	0	*	AG	1338	2.1	.0	15.0
J. WA	*	150	0	0	0	*	AG	1285	2.9	.0	13.5
K. WD	*	0	0	-150	0	*	AG	1378	2.3	.0	9.9
L. WE	*	-150	0	-450	0	*	AG	1378	2.1	.0	15.0
M. EF	*	-450	0	-150	0	*	AG	2125	2.1	.0	15.0
N. EA	*	-150	0	0	0	*	AG	1839	3.0	.0	13.5
O. ED	*	0	0	150	0	*	AG	2205	2.5	.0	9.9
P. EE	*	150	0	450	0	*	AG	2205	2.1	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	13	4.2	.0	9.9
R. SL	*	0	0	-2	150	*	AG	63	4.2	.0	9.9
S. WL	*	0	0	150	2	*	AG	53	2.8	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	286	2.9	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	3	3	1.8
2. SE3	*	3	-3	1.8
3. SW3	*	-3	-3	1.8
4. NW3	*	-3	3	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	269.	*	2.8	*	.0	.0	.2	.0	.0	.0	.0	.0
2. SE3	*	271.	*	2.8	*	.0	.1	.0	.0	.0	.0	.0	.0
3. SW3	*	89.	*	2.7	*	.0	.1	.0	.0	.0	.0	.0	.0
4. NW3	*	91.	*	2.8	*	.0	.0	.2	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.7	.2	.2	1.1	.1	.0	.0	.0	.0	.2
2. SE3	*	.0	.0	.7	.2	.2	1.1	.1	.0	.0	.0	.0	.2
3. SW3	*	.2	.8	.0	.0	.0	.0	1.2	.2	.0	.0	.0	.0
4. NW3	*	.2	.8	.0	.0	.0	.0	1.2	.2	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: NEW ROAD AND PASEO PADRE AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	LINK COORDINATES (M) Y1	* X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	0	-450	0	-150	* AG	1388	2.1	.0	15.0
B. NA	0	-150	0	0	* AG	1388	3.4	.0	13.5
C. ND	0	0	0	150	* AG	1632	2.7	.0	9.9
D. NE	0	150	0	450	* AG	1632	2.1	.0	15.0
E. SF	0	450	0	150	* AG	1003	2.1	.0	15.0
F. SA	0	150	0	0	* AG	504	3.2	.0	18.0
G. SD	0	0	0	-150	* AG	1517	2.7	.0	9.9
H. SE	0	-150	0	-450	* AG	1517	2.1	.0	15.0
I. WF	450	0	150	0	* AG	1954	2.1	.0	15.0
J. WA	150	0	0	0	* AG	941	3.4	.0	18.0
K. WD	0	0	-150	0	* AG	0	2.4	.0	9.9
L. WE	-150	0	-450	0	* AG	0	2.1	.0	15.0
M. EF	-450	0	-150	0	* AG	0	2.1	.0	10.5
N. EA	-150	0	0	0	* AG	0	3.4	.0	9.9
O. ED	0	0	150	0	* AG	1196	4.2	.0	9.9
P. EE	150	0	450	0	* AG	1196	2.1	.0	10.5
Q. NL	0	0	2	-150	* AG	0	3.2	.0	9.9
R. SL	0	0	-2	150	* AG	499	3.2	.0	9.9
S. WL	0	0	150	2	* AG	1013	3.7	.0	9.9
T. EL	0	0	-150	-2	* AG	0	3.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	COORDINATES (M) Y	* Z
1. NE3	3	3	1.8
2. SE3	3	-3	1.8
3. SW3	-3	-3	1.8
4. NW3	-3	3	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	B	C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	181.	3.0	.2	1.0	.0	.0	.0	.0	.0	.9	.2		
2. SE3	358.	2.8	.0	.0	1.0	.2	.1	.3	.0	.0	.0		
3. SW3	88.	3.5	.0	.2	.0	.0	.0	.0	.0	.2	.0		
4. NW3	91.	3.4	.0	.0	.3	.0	.0	.0	.0	.0	.0		

RECEPTOR	* I	J	K	L	M	CONC/LINK (PPM)							
						N	O	P	Q	R	S	T	
1. NE3	.0	.1	.0	.0	.0	.0	.3	.0	.0	.0	.2	.0	
2. SE3	.0	.1	.0	.0	.0	.0	.3	.0	.0	.4	.2	.0	
3. SW3	.2	.5	.0	.0	.0	.0	1.2	.1	.0	.0	.9	.0	
4. NW3	.2	.5	.0	.0	.0	.0	1.2	.1	.0	.0	.9	.0	

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: NEW ROAD AND PASEO PADRE PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	0	-450	0	-150	* AG	1938	2.1	.0	15.0
B. NA	0	-150	0	0	* AG	1938	3.0	.0	13.5
C. ND	0	0	0	150	* AG	1277	2.3	.0	9.9
D. NE	0	150	0	450	* AG	1277	2.1	.0	15.0
E. SF	0	450	0	150	* AG	2053	2.1	.0	15.0
F. SA	0	150	0	0	* AG	785	2.8	.0	18.0
G. SD	0	0	0	-150	* AG	1667	2.4	.0	9.9
H. SE	0	-150	0	-450	* AG	1667	2.1	.0	15.0
I. WF	450	0	150	0	* AG	1378	2.1	.0	15.0
J. WA	150	0	0	0	* AG	496	3.8	.0	18.0
K. WD	0	0	-150	0	* AG	0	2.6	.0	9.9
L. WE	-150	0	-450	0	* AG	0	2.1	.0	15.0
M. EF	-450	0	-150	0	* AG	0	2.1	.0	10.5
N. EA	-150	0	0	0	* AG	0	3.8	.0	9.9
O. ED	0	0	150	0	* AG	2425	4.4	.0	9.9
P. EE	150	0	450	0	* AG	2425	2.1	.0	10.5
Q. NL	0	0	2	-150	* AG	0	2.8	.0	9.9
R. SL	0	0	-2	150	* AG	1268	3.0	.0	9.9
S. WL	0	0	150	2	* AG	882	4.4	.0	9.9
T. EL	0	0	-150	-2	* AG	0	3.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	3	3	1.8
2. SE3	3	-3	1.8
3. SW3	-3	-3	1.8
4. NW3	-3	3	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	181.	3.5	.2	1.1	.0	.0	.0	.0	.0	.9	.2		
2. SE3	358.	3.4	.0	.7	.1	.2	.4	.0	.0	.0	.0		
3. SW3	88.	4.5	.0	.3	.0	.0	.0	.0	.0	.2	.0		
4. NW3	92.	4.4	.0	.0	.2	.0	.0	.0	.0	.0	.0		

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.2	.0
2. SE3	.0	.0	.0	.0	.0	.0	.6	.0	.0	.9	.2	.0
3. SW3	.2	.3	.0	.0	.0	.0	2.3	.2	.0	.0	1.0	.0
4. NW3	.2	.3	.0	.0	.0	.0	2.3	.2	.0	.2	1.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND ISHERWOOD AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	1176	2.1	.0	15.0
B. NA	*	7	-150	7	0	*	AG	1153	2.9	.0	13.5
C. ND	*	7	0	7	150	*	AG	1090	2.3	.0	9.9
D. NE	*	7	150	7	450	*	AG	1090	2.1	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	2251	2.1	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	2175	3.2	.0	13.5
G. SD	*	-7	0	-7	-150	*	AG	2354	2.5	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	2354	2.1	.0	15.0
I. WF	*	450	2	150	2	*	AG	535	2.1	.0	10.5
J. WA	*	150	2	0	2	*	AG	316	4.4	.0	9.9
K. WD	*	0	2	-150	2	*	AG	309	3.7	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	309	2.1	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	228	2.1	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	158	4.3	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	437	4.4	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	437	2.1	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	23	2.8	.0	9.9
R. SL	*	0	0	-5	150	*	AG	76	2.8	.0	9.9
S. WL	*	0	0	150	2	*	AG	219	4.3	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	70	4.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	1.2	*	.0	.5	.0	.0	.0	.0	.0	.2
2. SE3	*	351.	*	1.1	*	.0	.0	.3	.0	.3	.0	.0	.0
3. SW3	*	5.	*	1.4	*	.0	.0	.0	.1	.1	1.0	.0	.0
4. NW3	*	6.	*	1.4	*	.0	.0	.0	.1	.0	1.1	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND ISHERWOOD AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	1368	2.1	.0	15.0
B. NA	7	-150	7	0	* AG	1348	2.9	.0	13.5
C. ND	7	0	7	150	* AG	1383	2.3	.0	9.9
D. NE	7	150	7	450	* AG	1383	2.1	.0	15.0
E. SF	-7	450	-7	150	* AG	1435	2.1	.0	15.0
F. SA	-7	150	-7	0	* AG	1378	2.9	.0	13.5
G. SD	-7	0	-7	-150	* AG	1743	2.4	.0	9.9
H. SE	-7	-150	-7	-450	* AG	1743	2.1	.0	15.0
I. WF	450	2	150	2	* AG	478	2.1	.0	10.5
J. WA	150	2	0	2	* AG	124	4.0	.0	9.9
K. WD	0	2	-150	2	* AG	206	2.6	.0	9.9
L. WE	-150	2	-450	2	* AG	206	2.1	.0	10.5
M. EF	-450	-2	-150	-2	* AG	295	2.1	.0	10.5
N. EA	-150	-2	0	-2	* AG	202	4.0	.0	9.9
O. ED	0	-2	150	-2	* AG	244	2.6	.0	9.9
P. EE	150	-2	450	-2	* AG	244	2.1	.0	10.5
Q. NL	0	0	5	-150	* AG	20	2.8	.0	9.9
R. SL	0	0	-5	150	* AG	57	2.8	.0	9.9
S. WL	0	0	150	2	* AG	354	4.4	.0	9.9
T. EL	0	0	-150	-2	* AG	93	4.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	8	1.8
2. SE3	14	-8	1.8
3. SW3	-14	-8	1.8
4. NW3	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	185.	1.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.2
2. SE3	352.	.9	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	5.	1.0	.0	.0	.0	.2	.0	.6	.0	.0	.0	.0	.0
4. NW3	173.	1.0	.1	.1	.0	.0	.0	.0	.5	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND ISHERWOOD PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	* AG	2098	2.1	.0	15.0
B. NA	*	7	-150	7	0	* AG	2037	3.2	.0	13.5
C. ND	*	7	0	7	150	* AG	1722	2.4	.0	9.9
D. NE	*	7	150	7	450	* AG	1722	2.1	.0	15.0
E. SF	*	-7	450	-7	150	* AG	1186	2.1	.0	15.0
F. SA	*	-7	150	-7	0	* AG	889	2.9	.0	13.5
G. SD	*	-7	0	-7	-150	* AG	1183	2.3	.0	9.9
H. SE	*	-7	-150	-7	-450	* AG	1183	2.1	.0	15.0
I. WF	*	450	2	150	2	* AG	472	2.1	.0	10.5
J. WA	*	150	2	0	2	* AG	163	4.4	.0	9.9
K. WD	*	0	2	-150	2	* AG	185	3.4	.0	9.9
L. WE	*	-150	2	-450	2	* AG	185	2.1	.0	10.5
M. EF	*	-450	-2	-150	-2	* AG	90	2.1	.0	10.5
N. EA	*	-150	-2	0	-2	* AG	62	4.4	.0	9.9
O. ED	*	0	-2	150	-2	* AG	756	4.4	.0	9.9
P. EE	*	150	-2	450	-2	* AG	756	2.1	.0	10.5
Q. NL	*	0	0	5	-150	* AG	61	2.8	.0	9.9
R. SL	*	0	0	-5	150	* AG	297	2.9	.0	9.9
S. WL	*	0	0	150	2	* AG	309	4.4	.0	9.9
T. EL	*	0	0	-150	-2	* AG	28	4.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	185.	*	1.6	*	.1	.9	.0	.0	.0	.0	.0	.1
2. SE3	*	352.	*	1.2	*	.0	.0	.5	.0	.0	.1	.0	.0
3. SW3	*	86.	*	1.4	*	.0	.2	.0	.0	.0	.0	.2	.0
4. NW3	*	95.	*	1.2	*	.0	.0	.1	.0	.0	.2	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.2	.0
4. NW3	*	.0	.2	.0	.0	.0	.0	.3	.0	.0	.0	.2	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND ISHERWOOD PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	Y2	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	2165	2.1	.0	15.0	
B. NA	*	7	-150	7	0	*	AG	2094	3.2	.0	13.5	
C. ND	*	7	0	7	150	*	AG	1660	2.4	.0	9.9	
D. NE	*	7	150	7	450	*	AG	1660	2.1	.0	15.0	
E. SF	*	-7	450	-7	150	*	AG	1354	2.1	.0	15.0	
F. SA	*	-7	150	-7	0	*	AG	1230	2.9	.0	13.5	
G. SD	*	-7	0	-7	-150	*	AG	1386	2.3	.0	9.9	
H. SE	*	-7	-150	-7	-450	*	AG	1386	2.1	.0	15.0	
I. WF	*	450	2	150	2	*	AG	328	2.1	.0	10.5	
J. WA	*	150	2	0	2	*	AG	137	4.4	.0	9.9	
K. WD	*	0	2	-150	2	*	AG	205	4.4	.0	9.9	
L. WE	*	-150	2	-450	2	*	AG	205	2.1	.0	10.5	
M. EF	*	-450	-2	-150	-2	*	AG	118	2.1	.0	10.5	
N. EA	*	-150	-2	0	-2	*	AG	60	4.4	.0	9.9	
O. ED	*	0	-2	150	-2	*	AG	714	4.4	.0	9.9	
P. EE	*	150	-2	450	-2	*	AG	714	2.1	.0	10.5	
Q. NL	*	0	0	5	-150	*	AG	71	2.8	.0	9.9	
R. SL	*	0	0	-5	150	*	AG	124	2.8	.0	9.9	
S. WL	*	0	0	150	2	*	AG	191	4.4	.0	9.9	
T. EL	*	0	0	-150	-2	*	AG	58	4.4	.0	9.9	

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	1.6	.1	1.0	.0	.0	.0	.0	.0	.2
2. SE3	*	186.	*	1.4	.0	1.0	.0	.0	.0	.0	.0	.2
3. SW3	*	86.	*	1.3	.0	.2	.0	.0	.0	.0	.2	.0
4. NW3	*	95.	*	1.1	.0	.0	.1	.0	.0	.2	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.1	.0
4. NW3	*	.0	.1	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND PERALTA AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	827	2.1	.0	15.0
B. NA	9	-150	9	0	* AG	716	2.9	.0	13.5
C. ND	9	0	9	150	* AG	1115	2.3	.0	9.9
D. NE	9	150	9	450	* AG	1115	2.1	.0	15.0
E. SF	-9	450	-9	150	* AG	2734	2.1	.0	15.0
F. SA	-9	150	-9	0	* AG	2383	3.1	.0	18.0
G. SD	-9	0	-9	-150	* AG	2417	2.6	.0	9.9
H. SE	-9	-150	-9	-450	* AG	2417	2.1	.0	15.0
I. WF	450	9	150	9	* AG	935	2.1	.0	15.0
J. WA	150	9	0	9	* AG	840	3.7	.0	18.0
K. WD	0	9	-150	9	* AG	874	2.8	.0	9.9
L. WE	-150	9	-450	9	* AG	874	2.1	.0	15.0
M. EF	-450	-9	-150	-9	* AG	699	2.1	.0	15.0
N. EA	-150	-9	0	-9	* AG	614	3.7	.0	13.5
O. ED	0	-9	150	-9	* AG	789	2.8	.0	9.9
P. EE	150	-9	450	-9	* AG	789	2.1	.0	15.0
Q. NL	0	0	7	-150	* AG	111	2.9	.0	9.9
R. SL	0	0	-7	150	* AG	351	2.9	.0	9.9
S. WL	0	0	150	7	* AG	95	3.7	.0	9.9
T. EL	0	0	-150	-7	* AG	85	3.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	17	17	1.8
2. SE3	17	-17	1.8
3. SW3	-17	-17	1.8
4. NW3	-17	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	264.	1.1	.0	.0	.2	.0	.0	.2	.0	.0			
2. SE3	351.	1.1	.0	.0	.3	.0	.1	.2	.0	.0			
3. SW3	4.	1.5	.0	.0	.0	.1	.2	.9	.0	.0			
4. NW3	175.	1.5	.0	.0	.0	.0	.0	.4	.7	.1			

RECEPTOR	* I	* J	* K	* L	* M	CONC/LINK (PPM)							
						N	O	P	Q	R	S	T	
1. NE3	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2. SE3	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
3. SW3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	
4. NW3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND PERALTA AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9	-450	9	-150	*	AG	919	2.1	.0	15.0
B. NA	*	9	-150	9	0	*	AG	794	2.9	.0	13.5
C. ND	*	9	0	9	150	*	AG	1189	2.3	.0	9.9
D. NE	*	9	150	9	450	*	AG	1189	2.1	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	2318	2.1	.0	15.0
F. SA	*	-9	150	-9	0	*	AG	2017	3.0	.0	18.0
G. SD	*	-9	0	-9	-150	*	AG	2189	2.7	.0	9.9
H. SE	*	-9	-150	-9	-450	*	AG	2189	2.1	.0	15.0
I. WF	*	450	9	150	9	*	AG	874	2.1	.0	15.0
J. WA	*	150	9	0	9	*	AG	778	3.7	.0	18.0
K. WD	*	0	9	-150	9	*	AG	754	2.7	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	754	2.1	.0	15.0
M. EF	*	-450	-9	-150	-9	*	AG	690	2.1	.0	15.0
N. EA	*	-150	-9	0	-9	*	AG	601	3.7	.0	13.5
O. ED	*	0	-9	150	-9	*	AG	669	2.5	.0	9.9
P. EE	*	150	-9	450	-9	*	AG	669	2.1	.0	15.0
Q. NL	*	0	0	7	-150	*	AG	125	2.9	.0	9.9
R. SL	*	0	0	-7	150	*	AG	301	2.9	.0	9.9
S. WL	*	0	0	150	7	*	AG	96	3.7	.0	9.9
T. EL	*	0	0	-150	-7	*	AG	89	3.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	17	17	1.8
2. SE3	*	17	-17	1.8
3. SW3	*	-17	-17	1.8
4. NW3	*	-17	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	264.	*	1.0	*	.0	.0	.2	.0	.0	.2	.0	.0
2. SE3	*	352.	*	1.1	*	.0	.1	.4	.0	.2	.2	.0	.0
3. SW3	*	4.	*	1.3	*	.0	.0	.0	.1	.2	.7	.0	.0
4. NW3	*	174.	*	1.4	*	.1	.0	.0	.0	.0	.3	.7	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND PERALTA PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	2075	2.1	.0	15.0
B. NA	9	-150	9	0	* AG	1920	3.1	.0	13.5
C. ND	9	0	9	150	* AG	2558	2.6	.0	9.9
D. NE	9	150	9	450	* AG	2558	2.1	.0	15.0
E. SF	-9	450	-9	150	* AG	1509	2.1	.0	15.0
F. SA	-9	150	-9	0	* AG	1041	2.9	.0	18.0
G. SD	-9	0	-9	-150	* AG	1131	2.3	.0	9.9
H. SE	-9	-150	-9	-450	* AG	1131	2.1	.0	15.0
I. WF	450	9	150	9	* AG	945	2.1	.0	15.0
J. WA	150	9	0	9	* AG	875	3.7	.0	18.0
K. WD	0	9	-150	9	* AG	570	2.6	.0	9.9
L. WE	-150	9	-450	9	* AG	570	2.1	.0	15.0
M. EF	-450	-9	-150	-9	* AG	642	2.1	.0	15.0
N. EA	-150	-9	0	-9	* AG	489	3.7	.0	13.5
O. ED	0	-9	150	-9	* AG	912	3.4	.0	9.9
P. EE	150	-9	450	-9	* AG	912	2.1	.0	15.0
Q. NL	0	0	7	-150	* AG	155	2.9	.0	9.9
R. SL	0	0	-7	150	* AG	468	3.0	.0	9.9
S. WL	0	0	150	7	* AG	70	3.7	.0	9.9
T. EL	0	0	-150	-7	* AG	153	3.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	17	17	1.8
2. SE3	17	-17	1.8
3. SW3	-17	-17	1.8
4. NW3	-17	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	185.	1.4	.1	.8	.0	.0	.0	.0	.0	.0	.1		
2. SE3	352.	1.6	.0	.3	.7	.0	.1	.0	.0	.0	.0		
3. SW3	83.	1.1	.0	.2	.0	.0	.0	.0	.0	.2	.0		
4. NW3	172.	1.0	.2	.1	.0	.0	.0	.0	.1	.3	.0		

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND PERALTA PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9	-450	9	-150	*	AG	2049	2.1	.0	15.0
B. NA	*	9	-150	9	0	*	AG	1837	3.0	.0	13.5
C. ND	*	9	0	9	150	*	AG	2428	2.5	.0	9.9
D. NE	*	9	150	9	450	*	AG	2428	2.1	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	1595	2.1	.0	15.0
F. SA	*	-9	150	-9	0	*	AG	1185	2.9	.0	18.0
G. SD	*	-9	0	-9	-150	*	AG	1272	2.3	.0	9.9
H. SE	*	-9	-150	-9	-450	*	AG	1272	2.1	.0	15.0
I. WF	*	450	9	150	9	*	AG	912	2.1	.0	15.0
J. WA	*	150	9	0	9	*	AG	842	3.8	.0	18.0
K. WD	*	0	9	-150	9	*	AG	639	2.6	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	639	2.1	.0	15.0
M. EF	*	-450	-9	-150	-9	*	AG	586	2.1	.0	15.0
N. EA	*	-150	-9	0	-9	*	AG	447	3.8	.0	13.5
O. ED	*	0	-9	150	-9	*	AG	803	2.9	.0	9.9
P. EE	*	150	-9	450	-9	*	AG	803	2.1	.0	15.0
Q. NL	*	0	0	7	-150	*	AG	212	2.8	.0	9.9
R. SL	*	0	0	-7	150	*	AG	410	2.9	.0	9.9
S. WL	*	0	0	150	7	*	AG	70	3.8	.0	9.9
T. EL	*	0	0	-150	-7	*	AG	139	3.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	17	17	1.8
2. SE3	*	17	-17	1.8
3. SW3	*	-17	-17	1.8
4. NW3	*	-17	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	1.3	*	.1	.7	.0	.0	.0	.0	.0	.1
2. SE3	*	352.	*	1.5	*	.0	.2	.7	.0	.1	.0	.0	.0
3. SW3	*	82.	*	1.0	*	.0	.2	.0	.0	.0	.0	.2	.0
4. NW3	*	173.	*	1.1	*	.2	.0	.0	.0	.0	.2	.4	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND TAMAYO AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	* AG	1132	2.1	.0	15.0
B. NA	*	7	-150	7	0	* AG	1108	2.9	.0	13.5
C. ND	*	7	0	7	150	* AG	1133	2.3	.0	9.9
D. NE	*	7	150	7	450	* AG	1133	2.1	.0	15.0
E. SF	*	-7	450	-7	150	* AG	2181	2.1	.0	15.0
F. SA	*	-7	150	-7	0	* AG	2181	3.8	.0	9.9
G. SD	*	-7	0	-7	-150	* AG	2290	2.5	.0	9.9
H. SE	*	-7	-150	-7	-450	* AG	2290	2.1	.0	15.0
I. WF	*	450	2	150	2	* AG	0	2.1	.0	10.5
J. WA	*	150	2	0	2	* AG	0	4.4	.0	9.9
K. WD	*	0	2	-150	2	* AG	46	4.4	.0	9.9
L. WE	*	-150	2	-450	2	* AG	46	2.1	.0	10.5
M. EF	*	-450	-2	-150	-2	* AG	156	2.1	.0	10.5
N. EA	*	-150	-2	0	-2	* AG	131	4.4	.0	9.9
O. ED	*	0	-2	150	-2	* AG	0	4.4	.0	9.9
P. EE	*	150	-2	450	-2	* AG	0	2.1	.0	10.5
Q. NL	*	0	0	5	-150	* AG	24	2.8	.0	9.9
R. SL	*	0	0	-5	150	* AG	0	2.8	.0	9.9
S. WL	*	0	0	150	2	* AG	0	4.4	.0	9.9
T. EL	*	0	0	-150	-2	* AG	25	4.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	.9	*	.0	.5	.0	.0	.0	.0	.0	.2
2. SE3	*	350.	*	.8	*	.0	.0	.3	.0	.0	.3	.0	.0
3. SW3	*	6.	*	1.3	*	.0	.0	.0	.1	.0	1.0	.0	.0
4. NW3	*	6.	*	1.2	*	.0	.0	.0	.1	.0	.9	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND TAMAYO AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	1357	2.1	.0	15.0
B. NA	*	7	-150	7	0	*	AG	1333	2.9	.0	13.5
C. ND	*	7	0	7	150	*	AG	1395	2.3	.0	9.9
D. NE	*	7	150	7	450	*	AG	1395	2.1	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	1358	2.1	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	1358	3.2	.0	9.9
G. SD	*	-7	0	-7	-150	*	AG	1453	2.3	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	1453	2.1	.0	15.0
I. WF	*	450	2	150	2	*	AG	0	2.1	.0	10.5
J. WA	*	150	2	0	2	*	AG	0	4.4	.0	9.9
K. WD	*	0	2	-150	2	*	AG	60	4.4	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	60	2.1	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	193	2.1	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	131	4.4	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	0	4.4	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	0	2.1	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	24	2.8	.0	9.9
R. SL	*	0	0	-5	150	*	AG	0	2.8	.0	9.9
S. WL	*	0	0	150	2	*	AG	0	4.4	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	62	4.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	.9	*	.0	.6	.0	.0	.0	.0	.0	.2
2. SE3	*	186.	*	.9	*	.0	.6	.0	.0	.0	.0	.0	.2
3. SW3	*	6.	*	.9	*	.0	.0	.0	.1	.0	.6	.0	.0
4. NW3	*	174.	*	.8	*	.1	.0	.0	.0	.0	.0	.4	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND TAMAYO PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	1339	2.1	.0	15.0
B. NA	*	7	-150	7	0	*	AG	1263	2.9	.0	13.5
C. ND	*	7	0	7	150	*	AG	1299	2.3	.0	9.9
D. NE	*	7	150	7	450	*	AG	1299	2.1	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	1261	2.1	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	1261	3.0	.0	9.9
G. SD	*	-7	0	-7	-150	*	AG	1253	2.3	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	1253	2.1	.0	15.0
I. WF	*	450	2	150	2	*	AG	0	2.1	.0	10.5
J. WA	*	150	2	0	2	*	AG	0	4.4	.0	9.9
K. WD	*	0	2	-150	2	*	AG	138	4.4	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	138	2.1	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	90	2.1	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	54	4.4	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	0	4.4	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	0	2.1	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	76	2.8	.0	9.9
R. SL	*	0	0	-5	150	*	AG	0	2.8	.0	9.9
S. WL	*	0	0	150	2	*	AG	0	4.4	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	36	4.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	.9	*	.0	.6	.0	.0	.0	.0	.0	.1
2. SE3	*	185.	*	.9	*	.0	.6	.0	.0	.0	.0	.0	.2
3. SW3	*	6.	*	.8	*	.0	.0	.0	.1	.0	.5	.0	.0
4. NW3	*	174.	*	.7	*	.1	.0	.0	.0	.0	.0	.4	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND TAMAYO PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	1637	2.1	.0	15.0
B. NA	7	-150	7	0	* AG	1561	2.9	.0	13.5
C. ND	7	0	7	150	* AG	1611	2.4	.0	9.9
D. NE	7	150	7	450	* AG	1611	2.1	.0	15.0
E. SF	-7	450	-7	150	* AG	1478	2.1	.0	15.0
F. SA	-7	150	-7	0	* AG	1478	3.2	.0	9.9
G. SD	-7	0	-7	-150	* AG	1450	2.3	.0	9.9
H. SE	-7	-150	-7	-450	* AG	1450	2.1	.0	15.0
I. WF	450	2	150	2	* AG	0	2.1	.0	10.5
J. WA	150	2	0	2	* AG	0	4.4	.0	9.9
K. WD	0	2	-150	2	* AG	158	4.4	.0	9.9
L. WE	-150	2	-450	2	* AG	158	2.1	.0	10.5
M. EF	-450	-2	-150	-2	* AG	104	2.1	.0	10.5
N. EA	-150	-2	0	-2	* AG	54	4.4	.0	9.9
O. ED	0	-2	150	-2	* AG	0	4.4	.0	9.9
P. EE	150	-2	450	-2	* AG	0	2.1	.0	10.5
Q. NL	0	0	5	-150	* AG	76	2.8	.0	9.9
R. SL	0	0	-5	150	* AG	0	2.8	.0	9.9
S. WL	0	0	150	2	* AG	0	4.4	.0	9.9
T. EL	0	0	-150	-2	* AG	50	4.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	8	1.8
2. SE3	14	-8	1.8
3. SW3	-14	-8	1.8
4. NW3	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	185.	1.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.2
2. SE3	186.	1.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.2
3. SW3	6.	1.0	.0	.0	.0	.2	.0	.6	.0	.0	.0	.0	.0
4. NW3	174.	.9	.2	.1	.0	.0	.0	.0	.4	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND THORNTON AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES Y1	(M) X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	1049	2.1	.0	15.0
B. NA	*	11	-150	11	0	*	AG	693	2.8	.0	18.0
C. ND	*	11	0	11	150	*	AG	1028	2.3	.0	9.9
D. NE	*	11	150	11	450	*	AG	1028	2.1	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	2435	2.1	.0	19.5
F. SA	*	-9	150	-9	0	*	AG	2431	2.9	.0	22.5
G. SD	*	-9	0	-9	-150	*	AG	2664	2.4	.0	13.5
H. SE	*	-9	-150	-9	-450	*	AG	2664	2.1	.0	19.5
I. WF	*	450	9	150	9	*	AG	101	2.1	.0	10.5
J. WA	*	150	9	0	9	*	AG	73	4.0	.0	9.9
K. WD	*	0	9	-150	9	*	AG	744	4.4	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	744	2.1	.0	10.5
M. EF	*	-450	-7	-150	-7	*	AG	875	2.1	.0	15.0
N. EA	*	-150	-7	0	-7	*	AG	551	4.0	.0	18.0
O. ED	*	0	-7	150	-7	*	AG	24	2.6	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	24	2.1	.0	15.0
Q. NL	*	0	0	9	-150	*	AG	356	2.8	.0	9.9
R. SL	*	0	0	-5	150	*	AG	4	2.8	.0	9.9
S. WL	*	0	0	150	9	*	AG	28	4.0	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	324	4.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES X	(M) Y	Z
1. NE3	*	19	14	1.8
2. SE3	*	19	-14	1.8
3. SW3	*	-19	-14	1.8
4. NW3	*	-19	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	265.	*	1.2	*	.0	.0	.1	.0	.0	.2	.0	.0
2. SE3	*	276.	*	.9	*	.0	.1	.0	.0	.0	.0	.2	.0
3. SW3	*	4.	*	1.3	*	.0	.0	.0	.0	.2	.7	.0	.0
4. NW3	*	174.	*	1.5	*	.1	.0	.0	.0	.0	.2	.6	.1

RECEPTOR	* *	I	J	K	L	M	N	O	P	CONC/LINK (PPM) Q	R	S	T
1. NE3	*	.0	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.1
3. SW3	*	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND THORNTON AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	1151	2.1	.0	15.0
B. NA	*	11	-150	11	0	*	AG	795	2.8	.0	18.0
C. ND	*	11	0	11	150	*	AG	1146	2.3	.0	9.9
D. NE	*	11	150	11	450	*	AG	1146	2.1	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	1786	2.1	.0	19.5
F. SA	*	-9	150	-9	0	*	AG	1782	2.9	.0	22.5
G. SD	*	-9	0	-9	-150	*	AG	2262	2.4	.0	13.5
H. SE	*	-9	-150	-9	-450	*	AG	2262	2.1	.0	19.5
I. WF	*	450	9	150	9	*	AG	101	2.1	.0	10.5
J. WA	*	150	9	0	9	*	AG	73	3.8	.0	9.9
K. WD	*	0	9	-150	9	*	AG	771	4.4	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	771	2.1	.0	10.5
M. EF	*	-450	-7	-150	-7	*	AG	1169	2.1	.0	15.0
N. EA	*	-150	-7	0	-7	*	AG	829	3.8	.0	18.0
O. ED	*	0	-7	150	-7	*	AG	28	2.5	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	28	2.1	.0	15.0
Q. NL	*	0	0	9	-150	*	AG	356	2.8	.0	9.9
R. SL	*	0	0	-5	150	*	AG	4	2.8	.0	9.9
S. WL	*	0	0	150	9	*	AG	28	3.8	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	340	4.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	19	14	1.8
2. SE3	*	19	-14	1.8
3. SW3	*	-19	-14	1.8
4. NW3	*	-19	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	265.	*	1.2	*	.0	.0	.2	.0	.0	.2	.0	.0
2. SE3	*	275.	*	1.0	*	.0	.1	.0	.0	.0	.0	.2	.0
3. SW3	*	4.	*	1.2	*	.0	.0	.0	.0	.2	.6	.0	.0
4. NW3	*	173.	*	1.4	*	.1	.0	.0	.0	.0	.2	.6	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.1
3. SW3	*	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND THORNTON PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	11	-450	11	-150	* AG	1908	2.1	.0	15.0
B. NA	11	-150	11	0	* AG	1418	2.9	.0	18.0
C. ND	11	0	11	150	* AG	2032	2.5	.0	9.9
D. NE	11	150	11	450	* AG	2032	2.1	.0	15.0
E. SF	-9	450	-9	150	* AG	1217	2.1	.0	19.5
F. SA	-9	150	-9	0	* AG	1214	2.8	.0	22.5
G. SD	-9	0	-9	-150	* AG	1412	2.3	.0	13.5
H. SE	-9	-150	-9	-450	* AG	1412	2.1	.0	19.5
I. WF	450	9	150	9	* AG	36	2.1	.0	10.5
J. WA	150	9	0	9	* AG	24	3.8	.0	9.9
K. WD	0	9	-150	9	* AG	818	4.4	.0	9.9
L. WE	-150	9	-450	9	* AG	818	2.1	.0	10.5
M. EF	-450	-7	-150	-7	* AG	1186	2.1	.0	15.0
N. EA	-150	-7	0	-7	* AG	562	3.8	.0	18.0
O. ED	0	-7	150	-7	* AG	85	2.5	.0	9.9
P. EE	150	-7	450	-7	* AG	85	2.1	.0	15.0
Q. NL	0	0	9	-150	* AG	490	2.8	.0	9.9
R. SL	0	0	-5	150	* AG	3	2.8	.0	9.9
S. WL	0	0	150	9	* AG	12	3.8	.0	9.9
T. EL	0	0	-150	-5	* AG	624	4.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	19	14	1.8
2. SE3	19	-14	1.8
3. SW3	-19	-14	1.8
4. NW3	-19	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	265.	* 1.3 *	.0	.0	.3	.0	.0	.1	.0	.0
2. SE3	276.	* 1.1 *	.0	.2	.0	.0	.0	.0	.1	.0
3. SW3	6.	* 1.0 *	.0	.0	.0	.2	.0	.4	.0	.0
4. NW3	171.	* 1.2 *	.1	.0	.0	.0	.0	.1	.4	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.6	.0	.1	.0	.0	.0	.0	.0	.0	.1
2. SE3	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.2
3. SW3	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1
4. NW3	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND THORNTON PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	2235	2.1	.0	15.0
B. NA	*	11	-150	11	0	*	AG	1575	2.9	.0	18.0
C. ND	*	11	0	11	150	*	AG	2215	2.5	.0	9.9
D. NE	*	11	150	11	450	*	AG	2215	2.1	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	1404	2.1	.0	19.5
F. SA	*	-9	150	-9	0	*	AG	1401	2.9	.0	22.5
G. SD	*	-9	0	-9	-150	*	AG	1516	2.3	.0	13.5
H. SE	*	-9	-150	-9	-450	*	AG	1516	2.1	.0	19.5
I. WF	*	450	9	150	9	*	AG	46	2.1	.0	10.5
J. WA	*	150	9	0	9	*	AG	34	3.8	.0	9.9
K. WD	*	0	9	-150	9	*	AG	1081	4.4	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	1081	2.1	.0	10.5
M. EF	*	-450	-7	-150	-7	*	AG	1212	2.1	.0	15.0
N. EA	*	-150	-7	0	-7	*	AG	562	3.8	.0	18.0
O. ED	*	0	-7	150	-7	*	AG	85	2.6	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	85	2.1	.0	15.0
Q. NL	*	0	0	9	-150	*	AG	660	2.9	.0	9.9
R. SL	*	0	0	-5	150	*	AG	3	2.8	.0	9.9
S. WL	*	0	0	150	9	*	AG	12	3.8	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	650	4.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	19	14	1.8
2. SE3	*	19	-14	1.8
3. SW3	*	-19	-14	1.8
4. NW3	*	-19	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	265.	*	1.5	*	.0	.0	.3	.0	.0	.1	.0	.0
2. SE3	*	277.	*	1.2	*	.0	.3	.0	.0	.0	.0	.1	.0
3. SW3	*	5.	*	1.1	*	.0	.0	.0	.2	.1	.5	.0	.0
4. NW3	*	171.	*	1.4	*	.2	.0	.0	.0	.0	.1	.4	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.1
2. SE3	*	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.2
3. SW3	*	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.1
4. NW3	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: THORNTON AND FREMONT AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	11	-450	11	-150	* AG	682	2.1	.0	15.0
B. NA	11	-150	11	0	* AG	441	3.1	.0	18.0
C. ND	11	0	11	150	* AG	764	2.3	.0	9.9
D. NE	11	150	11	450	* AG	764	2.1	.0	15.0
E. SF	-11	450	-11	150	* AG	1585	2.1	.0	15.0
F. SA	-11	150	-11	0	* AG	1292	3.1	.0	22.5
G. SD	-11	0	-11	-150	* AG	1131	2.4	.0	9.9
H. SE	-11	-150	-11	-450	* AG	1131	2.1	.0	15.0
I. WF	450	11	150	11	* AG	761	2.1	.0	15.0
J. WA	150	11	0	11	* AG	595	3.4	.0	18.0
K. WD	0	11	-150	11	* AG	1111	2.8	.0	9.9
L. WE	-150	11	-450	11	* AG	1111	2.1	.0	15.0
M. EF	-450	-11	-150	-11	* AG	870	2.1	.0	15.0
N. EA	-150	-11	0	-11	* AG	615	3.4	.0	22.5
O. ED	0	-11	150	-11	* AG	892	2.5	.0	9.9
P. EE	150	-11	450	-11	* AG	892	2.1	.0	15.0
Q. NL	0	0	9	-150	* AG	241	3.1	.0	9.9
R. SL	0	0	-9	150	* AG	293	3.1	.0	9.9
S. WL	0	0	150	9	* AG	166	3.4	.0	9.9
T. EL	0	0	-150	-9	* AG	255	3.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	19	19	1.8
2. SE3	19	-19	1.8
3. SW3	-19	-19	1.8
4. NW3	-19	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	264.	1.0	.0	.0	.1	.0	.0	.1	.0	.0			
2. SE3	352.	.8	.0	.0	.2	.0	.1	.0	.0	.0			
3. SW3	4.	.9	.0	.0	.0	.0	.1	.4	.0	.0			
4. NW3	174.	1.0	.0	.0	.0	.0	.0	.2	.4	.0			

RECEPTOR	* I	* J	* K	* L	* M	CONC/LINK (PPM)							
						N	O	P	Q	R	S	T	
1. NE3	.0	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2. SE3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4. NW3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: THORNTON AND FREMONT AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	573	2.1	.0	15.0
B. NA	*	11	-150	11	0	*	AG	389	3.1	.0	18.0
C. ND	*	11	0	11	150	*	AG	673	2.3	.0	9.9
D. NE	*	11	150	11	450	*	AG	673	2.1	.0	15.0
E. SF	*	-11	450	-11	150	*	AG	1820	2.1	.0	15.0
F. SA	*	-11	150	-11	0	*	AG	1237	3.1	.0	22.5
G. SD	*	-11	0	-11	-150	*	AG	1163	2.4	.0	9.9
H. SE	*	-11	-150	-11	-450	*	AG	1163	2.1	.0	15.0
I. WF	*	450	11	150	11	*	AG	833	2.1	.0	15.0
J. WA	*	150	11	0	11	*	AG	580	3.6	.0	18.0
K. WD	*	0	11	-150	11	*	AG	1064	2.6	.0	9.9
L. WE	*	-150	11	-450	11	*	AG	1064	2.1	.0	15.0
M. EF	*	-450	-11	-150	-11	*	AG	841	2.1	.0	15.0
N. EA	*	-150	-11	0	-11	*	AG	586	3.6	.0	22.5
O. ED	*	0	-11	150	-11	*	AG	1167	2.9	.0	9.9
P. EE	*	150	-11	450	-11	*	AG	1167	2.1	.0	15.0
Q. NL	*	0	0	9	-150	*	AG	184	3.1	.0	9.9
R. SL	*	0	0	-9	150	*	AG	583	3.1	.0	9.9
S. WL	*	0	0	150	9	*	AG	253	3.6	.0	9.9
T. EL	*	0	0	-150	-9	*	AG	255	3.6	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	19	19	1.8
2. SE3	*	19	-19	1.8
3. SW3	*	-19	-19	1.8
4. NW3	*	-19	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	264.	*	.9	*	.0	.0	.0	.0	.0	.1	.0	.0
2. SE3	*	351.	*	.9	*	.0	.0	.2	.0	.1	.0	.0	.0
3. SW3	*	84.	*	.9	*	.0	.0	.0	.0	.0	.0	.2	.0
4. NW3	*	175.	*	.9	*	.0	.0	.0	.0	.0	.2	.4	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: THORNTON AND FREMONT PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	11	-450	11	-150	* AG	1294	2.1	.0	15.0
B. NA	11	-150	11	0	* AG	1112	3.3	.0	18.0
C. ND	11	0	11	150	* AG	1541	3.0	.0	9.9
D. NE	11	150	11	450	* AG	1541	2.1	.0	15.0
E. SF	-11	450	-11	150	* AG	1036	2.1	.0	15.0
F. SA	-11	150	-11	0	* AG	848	3.3	.0	22.5
G. SD	-11	0	-11	-150	* AG	1104	2.5	.0	9.9
H. SE	-11	-150	-11	-450	* AG	1104	2.1	.0	15.0
I. WF	450	11	150	11	* AG	891	2.1	.0	15.0
J. WA	150	11	0	11	* AG	714	3.3	.0	18.0
K. WD	0	11	-150	11	* AG	819	2.4	.0	9.9
L. WE	-150	11	-450	11	* AG	819	2.1	.0	15.0
M. EF	-450	-11	-150	-11	* AG	1440	2.1	.0	15.0
N. EA	-150	-11	0	-11	* AG	926	3.3	.0	22.5
O. ED	0	-11	150	-11	* AG	1197	2.5	.0	9.9
P. EE	150	-11	450	-11	* AG	1197	2.1	.0	15.0
Q. NL	0	0	9	-150	* AG	182	3.3	.0	9.9
R. SL	0	0	-9	150	* AG	188	3.3	.0	9.9
S. WL	0	0	150	9	* AG	177	3.3	.0	9.9
T. EL	0	0	-150	-9	* AG	514	3.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	19	19	1.8
2. SE3	19	-19	1.8
3. SW3	-19	-19	1.8
4. NW3	-19	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	261.	1.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	354.	1.2	.0	.2	.6	.0	.1	.0	.0	.0	.0	.0	.0
3. SW3	84.	1.0	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0
4. NW3	173.	1.0	.1	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	.1	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
4. NW3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: THORNTON AND FREMONT PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	11	-450	11	-150	* AG	1351	2.1	.0	15.0
B. NA	11	-150	11	0	* AG	1169	3.4	.0	18.0
C. ND	11	0	11	150	* AG	1782	3.7	.0	9.9
D. NE	11	150	11	450	* AG	1782	2.1	.0	15.0
E. SF	-11	450	-11	150	* AG	983	2.1	.0	15.0
F. SA	-11	150	-11	0	* AG	794	3.3	.0	22.5
G. SD	-11	0	-11	-150	* AG	1119	2.6	.0	9.9
H. SE	-11	-150	-11	-450	* AG	1119	2.1	.0	15.0
I. WF	450	11	150	11	* AG	1053	2.1	.0	15.0
J. WA	150	11	0	11	* AG	807	3.2	.0	18.0
K. WD	0	11	-150	11	* AG	895	2.4	.0	9.9
L. WE	-150	11	-450	11	* AG	895	2.1	.0	15.0
M. EF	-450	-11	-150	-11	* AG	1587	2.1	.0	15.0
N. EA	-150	-11	0	-11	* AG	1073	3.2	.0	22.5
O. ED	0	-11	150	-11	* AG	1178	2.5	.0	9.9
P. EE	150	-11	450	-11	* AG	1178	2.1	.0	15.0
Q. NL	0	0	9	-150	* AG	182	3.3	.0	9.9
R. SL	0	0	-9	150	* AG	189	3.3	.0	9.9
S. WL	0	0	150	9	* AG	246	3.2	.0	9.9
T. EL	0	0	-150	-9	* AG	514	3.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	19	19	1.8
2. SE3	19	-19	1.8
3. SW3	-19	-19	1.8
4. NW3	-19	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	261.	1.2	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	354.	1.5	.0	.2	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0
3. SW3	84.	1.0	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
4. NW3	173.	1.0	.1	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	.1	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
4. NW3	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: TORNTON AND NB RAMP AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	* AG	1402	2.1	.0	10.5
B. NA	*	2	-150	2	0	* AG	845	4.4	.0	9.9
C. ND	*	2	0	2	150	* AG	1017	4.4	.0	9.9
D. NE	*	2	150	2	450	* AG	1017	2.1	.0	10.5
E. SF	*	-2	450	-2	150	* AG	0	2.1	.0	10.5
F. SA	*	-2	150	-2	0	* AG	0	3.8	.0	9.9
G. SD	*	-2	0	-2	-150	* AG	1407	4.4	.0	9.9
H. SE	*	-2	-150	-2	-450	* AG	1407	2.1	.0	10.5
I. WF	*	450	7	150	7	* AG	1926	2.1	.0	15.0
J. WA	*	150	7	0	7	* AG	1356	2.9	.0	13.5
K. WD	*	0	7	-150	7	* AG	1542	2.4	.0	9.9
L. WE	*	-150	7	-450	7	* AG	1542	2.1	.0	15.0
M. EF	*	-450	-7	-150	-7	* AG	1680	2.1	.0	15.0
N. EA	*	-150	-7	0	-7	* AG	1680	3.0	.0	13.5
O. ED	*	0	-7	150	-7	* AG	1042	2.3	.0	9.9
P. EE	*	150	-7	450	-7	* AG	1042	2.1	.0	15.0
Q. NL	*	0	0	2	-150	* AG	557	4.4	.0	9.9
R. SL	*	0	0	-2	150	* AG	0	3.8	.0	9.9
S. WL	*	0	0	150	5	* AG	570	3.0	.0	9.9
T. EL	*	0	0	-150	-5	* AG	0	2.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	14	1.8
2. SE3	*	8	-14	1.8
3. SW3	*	-8	-14	1.8
4. NW3	*	-8	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	2.4	*	.0	.6	.3	.0	.0	.0	.6	.0
2. SE3	*	186.	*	1.9	*	.0	.8	.0	.0	.0	.0	.5	.0
3. SW3	*	174.	*	2.1	*	.0	.4	.0	.0	.0	.0	1.3	.0
4. NW3	*	175.	*	2.2	*	.0	.4	.0	.0	.0	.0	1.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.3	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.2	.0	.0	.3	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: TORNTON AND NB RAMP AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	0	2.1	.0	10.5
B. NA	*	2	-150	2	0	*	AG	0	.0	.0	9.9
C. ND	*	2	0	2	150	*	AG	0	.0	.0	9.9
D. NE	*	2	150	2	450	*	AG	0	2.1	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	0	2.1	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	0	.0	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	0	.0	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	0	2.1	.0	10.5
I. WF	*	450	7	150	7	*	AG	0	2.1	.0	15.0
J. WA	*	150	7	0	7	*	AG	0	.0	.0	13.5
K. WD	*	0	7	-150	7	*	AG	0	.0	.0	9.9
L. WE	*	-150	7	-450	7	*	AG	0	2.1	.0	15.0
M. EF	*	-450	-7	-150	-7	*	AG	0	2.1	.0	15.0
N. EA	*	-150	-7	0	-7	*	AG	0	.0	.0	13.5
O. ED	*	0	-7	150	-7	*	AG	0	.0	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	0	2.1	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	0	.0	.0	9.9
R. SL	*	0	0	-2	150	*	AG	0	.0	.0	9.9
S. WL	*	0	0	150	5	*	AG	0	.0	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	0	.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	14	1.8
2. SE3	*	8	-14	1.8
3. SW3	*	-8	-14	1.8
4. NW3	*	-8	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	0.	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	0.	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	0.	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	0.	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: TORNTON AND NB RAMP PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	1196	2.1	.0	10.5
B. NA	2	-150	2	0	* AG	1033	4.4	.0	9.9
C. ND	2	0	2	150	* AG	610	4.4	.0	9.9
D. NE	2	150	2	450	* AG	610	2.1	.0	10.5
E. SF	-2	450	-2	150	* AG	0	2.1	.0	10.5
F. SA	-2	150	-2	0	* AG	0	4.0	.0	9.9
G. SD	-2	0	-2	-150	* AG	1143	4.4	.0	9.9
H. SE	-2	-150	-2	-450	* AG	1143	2.1	.0	10.5
I. WF	450	7	150	7	* AG	1485	2.1	.0	15.0
J. WA	150	7	0	7	* AG	1123	2.9	.0	13.5
K. WD	0	7	-150	7	* AG	1092	2.3	.0	9.9
L. WE	-150	7	-450	7	* AG	1092	2.1	.0	15.0
M. EF	-450	-7	-150	-7	* AG	2294	2.1	.0	15.0
N. EA	-150	-7	0	-7	* AG	2294	3.3	.0	13.5
O. ED	0	-7	150	-7	* AG	2130	2.5	.0	9.9
P. EE	150	-7	450	-7	* AG	2130	2.1	.0	15.0
Q. NL	0	0	2	-150	* AG	163	4.0	.0	9.9
R. SL	0	0	-2	150	* AG	0	4.0	.0	9.9
S. WL	0	0	150	5	* AG	362	2.9	.0	9.9
T. EL	0	0	-150	-5	* AG	0	2.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	14	1.8
2. SE3	8	-14	1.8
3. SW3	-8	-14	1.8
4. NW3	-8	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	185.	2.1	.0	.8	.2	.0	.0	.0	.5	.0			
2. SE3	275.	2.0	.0	.3	.0	.0	.0	.0	.3	.0			
3. SW3	81.	1.7	.0	.2	.0	.0	.0	.0	.4	.0			
4. NW3	175.	1.9	.0	.4	.0	.0	.0	.0	.8	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.2	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0
2. SE3	.0	.0	.0	.1	.1	1.1	.0	.0	.0	.0	.0	.0
3. SW3	.0	.2	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0
4. NW3	.0	.0	.2	.0	.0	.3	.0	.0	.1	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: TORNTON AND NB RAMP PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	0	2.1	.0	10.5
B. NA	2	-150	2	0	* AG	0	.0	.0	9.9
C. ND	2	0	2	150	* AG	0	.0	.0	9.9
D. NE	2	150	2	450	* AG	0	2.1	.0	10.5
E. SF	-2	450	-2	150	* AG	0	2.1	.0	10.5
F. SA	-2	150	-2	0	* AG	0	.0	.0	9.9
G. SD	-2	0	-2	-150	* AG	0	.0	.0	9.9
H. SE	-2	-150	-2	-450	* AG	0	2.1	.0	10.5
I. WF	450	7	150	7	* AG	0	2.1	.0	15.0
J. WA	150	7	0	7	* AG	0	.0	.0	13.5
K. WD	0	7	-150	7	* AG	0	.0	.0	9.9
L. WE	-150	7	-450	7	* AG	0	2.1	.0	15.0
M. EF	-450	-7	-150	-7	* AG	0	2.1	.0	15.0
N. EA	-150	-7	0	-7	* AG	0	.0	.0	13.5
O. ED	0	-7	150	-7	* AG	0	.0	.0	9.9
P. EE	150	-7	450	-7	* AG	0	2.1	.0	15.0
Q. NL	0	0	2	-150	* AG	0	.0	.0	9.9
R. SL	0	0	-2	150	* AG	0	.0	.0	9.9
S. WL	0	0	150	5	* AG	0	.0	.0	9.9
T. EL	0	0	-150	-5	* AG	0	.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	14	1.8
2. SE3	8	-14	1.8
3. SW3	-8	-14	1.8
4. NW3	-8	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

Title : Alameda County Subarea Annual CYr 2035 Default Title
Version : Emfac2007 V2.3 Nov 1 2006
Run Date : 2008/09/10 17:07:53
Scen Year: 2035 -- All model years in the range 1991 to 2035 selected
Season : Annual
Area : Alameda

Year: 2035 -- Model Years 1991 to 2035 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006

County Average Alameda County Average

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Carbon Monoxide Temperature: 60F Relative Humidity: 50%

Speed MPH	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	ALL
3	0.807	0.998	1.614	2.068	1.054	1.303	3.9	5.724	4.036	7.999	23.741	9.277	0.919	1.472
4	0.791	0.978	1.583	2.028	1.054	1.303	3.9	5.724	4.036	7.999	23.741	9.277	0.919	1.453
5	0.776	0.959	1.552	1.99	1.054	1.303	3.9	5.724	4.036	7.999	23.741	9.277	0.919	1.434
6	0.762	0.941	1.523	1.952	0.971	1.203	3.606	5.211	3.73	7.28	22.916	8.561	0.844	1.384
7	0.748	0.923	1.494	1.916	0.896	1.113	3.34	4.735	3.454	6.642	22.154	7.917	0.778	1.337
8	0.734	0.905	1.466	1.88	0.829	1.031	3.1	4.294	3.204	6.075	21.45	7.334	0.718	1.293
9	0.72	0.888	1.439	1.845	0.768	0.957	2.882	3.888	2.978	5.569	20.801	6.808	0.664	1.251
10	0.707	0.871	1.412	1.811	0.713	0.89	2.684	3.515	2.773	5.117	20.201	6.332	0.616	1.212
11	0.694	0.855	1.387	1.778	0.664	0.83	2.505	3.174	2.587	4.713	19.647	5.901	0.572	1.176
12	0.682	0.839	1.361	1.746	0.619	0.775	2.342	2.865	2.417	4.351	19.137	5.509	0.533	1.142
13	0.669	0.824	1.337	1.715	0.578	0.725	2.193	2.587	2.264	4.027	18.666	5.154	0.497	1.109
14	0.658	0.809	1.313	1.684	0.541	0.68	2.058	2.34	2.123	3.735	18.233	4.83	0.465	1.079
15	0.646	0.794	1.289	1.654	0.508	0.638	1.935	2.122	1.996	3.473	17.835	4.536	0.435	1.051
16	0.635	0.78	1.267	1.625	0.477	0.601	1.822	1.935	1.879	3.237	17.469	4.268	0.409	1.025
17	0.623	0.766	1.244	1.596	0.45	0.566	1.719	1.777	1.773	3.024	17.135	4.024	0.384	1.001
18	0.613	0.752	1.223	1.569	0.424	0.535	1.625	1.647	1.675	2.831	16.83	3.8	0.363	0.978
19	0.602	0.739	1.201	1.541	0.401	0.506	1.539	1.538	1.586	2.658	16.554	3.597	0.343	0.956
20	0.592	0.726	1.181	1.515	0.38	0.48	1.46	1.501	1.505	2.5	16.304	3.41	0.324	0.938
21	0.582	0.714	1.16	1.489	0.361	0.456	1.388	1.467	1.43	2.358	16.08	3.24	0.308	0.92
22	0.572	0.701	1.141	1.464	0.343	0.434	1.321	1.436	1.362	2.229	15.881	3.084	0.293	0.904
23	0.562	0.689	1.122	1.439	0.327	0.414	1.26	1.407	1.299	2.112	15.706	2.941	0.279	0.887
24	0.553	0.678	1.103	1.415	0.313	0.396	1.205	1.38	1.241	2.005	15.554	2.81	0.266	0.872
25	0.544	0.666	1.084	1.392	0.299	0.379	1.153	1.356	1.188	1.909	15.426	2.69	0.255	0.857
26	0.535	0.655	1.067	1.369	0.287	0.363	1.106	1.334	1.14	1.821	15.32	2.58	0.245	0.843
27	0.526	0.644	1.049	1.346	0.276	0.349	1.063	1.314	1.096	1.742	15.237	2.48	0.235	0.83
28	0.518	0.634	1.032	1.325	0.266	0.336	1.024	1.296	1.055	1.67	15.176	2.388	0.226	0.817
29	0.509	0.624	1.015	1.303	0.256	0.324	0.987	1.279	1.017	1.605	15.138	2.303	0.218	0.804
30	0.501	0.614	0.999	1.282	0.248	0.313	0.954	1.264	0.983	1.546	15.123	2.226	0.211	0.793
31	0.493	0.604	0.983	1.262	0.24	0.304	0.924	1.251	0.952	1.492	15.13	2.156	0.205	0.781
32	0.485	0.594	0.968	1.242	0.233	0.295	0.896	1.24	0.923	1.444	15.162	2.092	0.199	0.771
33	0.478	0.585	0.953	1.223	0.227	0.286	0.871	1.229	0.897	1.4	15.217	2.034	0.194	0.76
34	0.47	0.576	0.938	1.204	0.221	0.279	0.847	1.221	0.874	1.362	15.297	1.981	0.189	0.751
35	0.463	0.567	0.923	1.185	0.216	0.272	0.826	1.214	0.852	1.327	15.403	1.934	0.185	0.741
36	0.456	0.558	0.909	1.167	0.211	0.266	0.808	1.208	0.833	1.296	15.536	1.891	0.181	0.733
37	0.449	0.55	0.895	1.149	0.207	0.261	0.79	1.203	0.815	1.269	15.698	1.852	0.177	0.724
38	0.442	0.541	0.882	1.132	0.204	0.256	0.775	1.2	0.8	1.245	15.889	1.818	0.175	0.717
39	0.436	0.533	0.869	1.115	0.2	0.252	0.762	1.198	0.786	1.225	16.111	1.788	0.172	0.71
40	0.429	0.525	0.856	1.098	0.198	0.248	0.75	1.198	0.774	1.208	16.366	1.762	0.17	0.703

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO AND LINDA AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	924	.8	.0	10.5
B. NA	2	-150	2	0	* AG	924	1.3	.0	9.9
C. ND	2	0	2	150	* AG	937	.9	.0	9.9
D. NE	2	150	2	450	* AG	937	.8	.0	10.5
E. SF	-2	450	-2	150	* AG	1017	.8	.0	10.5
F. SA	-2	150	-2	0	* AG	999	1.3	.0	9.9
G. SD	-2	0	-2	-150	* AG	1007	.9	.0	9.9
H. SE	-2	-150	-2	-450	* AG	1007	.8	.0	10.5
I. WF	450	2	150	2	* AG	26	.8	.0	10.5
J. WA	150	2	0	2	* AG	18	1.5	.0	9.9
K. WD	0	2	-150	2	* AG	0	1.5	.0	9.9
L. WE	-150	2	-450	2	* AG	0	.8	.0	10.5
M. EF	-450	-2	-150	-2	* AG	0	.8	.0	10.5
N. EA	-150	-2	0	-2	* AG	0	1.5	.0	9.9
O. ED	0	-2	150	-2	* AG	23	1.5	.0	9.9
P. EE	150	-2	450	-2	* AG	23	.8	.0	10.5
Q. NL	0	0	2	-150	* AG	0	1.0	.0	9.9
R. SL	0	0	-2	150	* AG	18	1.0	.0	9.9
S. WL	0	0	150	2	* AG	8	1.5	.0	9.9
T. EL	0	0	-150	-2	* AG	0	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	8	1.8
2. SE3	8	-8	1.8
3. SW3	-8	-8	1.8
4. NW3	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	184.	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	184.	.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	4.	.4	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	4.	.4	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO AND LINDA AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	1196	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	1196	1.3	.0	9.9
C. ND	*	2	0	2	150	*	AG	1210	.9	.0	9.9
D. NE	*	2	150	2	450	*	AG	1210	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	884	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	854	1.3	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	862	.9	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	862	.8	.0	10.5
I. WF	*	450	2	150	2	*	AG	27	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	19	1.5	.0	9.9
K. WD	*	0	2	-150	2	*	AG	0	1.5	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	0	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	0	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	0	1.5	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	35	1.5	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	35	.8	.0	10.5
Q. NL	*	0	0	2	-150	*	AG	0	1.0	.0	9.9
R. SL	*	0	0	-2	150	*	AG	30	1.0	.0	9.9
S. WL	*	0	0	150	2	*	AG	8	1.5	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	0	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	8	1.8
2. SE3	*	8	-8	1.8
3. SW3	*	-8	-8	1.8
4. NW3	*	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	184.	*	.5	*	.0	.3	.0	.0	.0	.0	.0	.0
2. SE3	*	184.	*	.5	*	.0	.3	.0	.0	.0	.0	.0	.0
3. SW3	*	4.	*	.4	*	.0	.0	.0	.0	.0	.2	.0	.0
4. NW3	*	4.	*	.4	*	.0	.0	.0	.0	.0	.2	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO AND LINDA PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	875	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	875	1.3	.0	9.9
C. ND	*	2	0	2	150	*	AG	878	.9	.0	9.9
D. NE	*	2	150	2	450	*	AG	878	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	937	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	916	1.3	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	925	.9	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	925	.8	.0	10.5
I. WF	*	450	2	150	2	*	AG	23	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	14	1.5	.0	9.9
K. WD	*	0	2	-150	2	*	AG	0	1.5	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	0	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	0	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	0	1.5	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	32	1.5	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	32	.8	.0	10.5
Q. NL	*	0	0	2	-150	*	AG	0	1.0	.0	9.9
R. SL	*	0	0	-2	150	*	AG	21	1.0	.0	9.9
S. WL	*	0	0	150	2	*	AG	9	1.5	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	0	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	8	1.8
2. SE3	*	8	-8	1.8
3. SW3	*	-8	-8	1.8
4. NW3	*	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	184.	*	.4	*	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3	*	184.	*	.4	*	.0	.2	.0	.0	.0	.0	.0	.0
3. SW3	*	4.	*	.4	*	.0	.0	.0	.0	.0	.2	.0	.0
4. NW3	*	4.	*	.4	*	.0	.0	.0	.0	.0	.3	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO AND LINDA PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	1027	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	1027	1.3	.0	9.9
C. ND	*	2	0	2	150	*	AG	1039	.9	.0	9.9
D. NE	*	2	150	2	450	*	AG	1039	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	1010	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	984	1.3	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	993	.9	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	993	.8	.0	10.5
I. WF	*	450	2	150	2	*	AG	32	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	23	1.5	.0	9.9
K. WD	*	0	2	-150	2	*	AG	0	1.5	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	0	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	0	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	0	1.5	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	37	1.5	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	37	.8	.0	10.5
Q. NL	*	0	0	2	-150	*	AG	0	1.0	.0	9.9
R. SL	*	0	0	-2	150	*	AG	26	1.0	.0	9.9
S. WL	*	0	0	150	2	*	AG	9	1.5	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	0	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	8	1.8
2. SE3	*	8	-8	1.8
3. SW3	*	-8	-8	1.8
4. NW3	*	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	184.	*	.4	*	.0	.3	.0	.0	.0	.0	.0	.0
2. SE3	*	184.	*	.4	*	.0	.3	.0	.0	.0	.0	.0	.0
3. SW3	*	4.	*	.4	*	.0	.0	.0	.0	.0	.2	.0	.0
4. NW3	*	4.	*	.4	*	.0	.0	.0	.0	.0	.3	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO AND NURSERY AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	704	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	703	1.1	.0	9.9
C. ND	*	2	0	2	150	*	AG	798	.9	.0	9.9
D. NE	*	2	150	2	450	*	AG	798	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	659	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	546	1.1	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	798	.9	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	798	.8	.0	10.5
I. WF	*	450	2	150	2	*	AG	638	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	383	1.4	.0	9.9
K. WD	*	0	2	-150	2	*	AG	13	.9	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	13	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	9	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	5	1.3	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	401	1.0	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	401	.8	.0	10.5
Q. NL	*	0	0	2	-150	*	AG	1	1.0	.0	9.9
R. SL	*	0	0	-2	150	*	AG	113	1.0	.0	9.9
S. WL	*	0	0	150	2	*	AG	255	1.3	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	4	1.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	8	1.8
2. SE3	*	8	-8	1.8
3. SW3	*	-8	-8	1.8
4. NW3	*	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	184.	*	.4	*	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3	*	356.	*	.4	*	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	*	85.	*	.3	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	94.	*	.3	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO AND NURSERY AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	722	.8	.0	10.5
B. NA	2	-150	2	0	* AG	721	1.1	.0	9.9
C. ND	2	0	2	150	* AG	480	.8	.0	9.9
D. NE	2	150	2	450	* AG	480	.8	.0	10.5
E. SF	-2	450	-2	150	* AG	969	.8	.0	10.5
F. SA	-2	150	-2	0	* AG	856	1.3	.0	9.9
G. SD	-2	0	-2	-150	* AG	951	.9	.0	9.9
H. SE	-2	-150	-2	-450	* AG	951	.8	.0	10.5
I. WF	450	2	150	2	* AG	401	.8	.0	10.5
J. WA	150	2	0	2	* AG	303	1.5	.0	9.9
K. WD	0	2	-150	2	* AG	13	1.0	.0	9.9
L. WE	-150	2	-450	2	* AG	13	.8	.0	10.5
M. EF	-450	-2	-150	-2	* AG	9	.8	.0	10.5
N. EA	-150	-2	0	-2	* AG	5	1.4	.0	9.9
O. ED	0	-2	150	-2	* AG	657	1.5	.0	9.9
P. EE	150	-2	450	-2	* AG	657	.8	.0	10.5
Q. NL	0	0	2	-150	* AG	1	1.0	.0	9.9
R. SL	0	0	-2	150	* AG	113	1.0	.0	9.9
S. WL	0	0	150	2	* AG	98	1.4	.0	9.9
T. EL	0	0	-150	-2	* AG	4	1.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	8	1.8
2. SE3	8	-8	1.8
3. SW3	-8	-8	1.8
4. NW3	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	184.	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	355.	.4	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	86.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	95.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	CONC/LINK (PPM)							
						N	O	P	Q	R	S	T	
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NW3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO AND NURSERY PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	1408	.8	.0	10.5
B. NA	2	-150	2	0	* AG	1401	1.3	.0	9.9
C. ND	2	0	2	150	* AG	817	.9	.0	9.9
D. NE	2	150	2	450	* AG	817	.8	.0	10.5
E. SF	-2	450	-2	150	* AG	1002	.8	.0	10.5
F. SA	-2	150	-2	0	* AG	954	1.3	.0	9.9
G. SD	-2	0	-2	-150	* AG	1166	.9	.0	9.9
H. SE	-2	-150	-2	-450	* AG	1166	.8	.0	10.5
I. WF	450	2	150	2	* AG	504	.8	.0	10.5
J. WA	150	2	0	2	* AG	305	1.5	.0	9.9
K. WD	0	2	-150	2	* AG	14	1.1	.0	9.9
L. WE	-150	2	-450	2	* AG	14	.8	.0	10.5
M. EF	-450	-2	-150	-2	* AG	38	.8	.0	10.5
N. EA	-150	-2	0	-2	* AG	29	1.5	.0	9.9
O. ED	0	-2	150	-2	* AG	955	1.5	.0	9.9
P. EE	150	-2	450	-2	* AG	955	.8	.0	10.5
Q. NL	0	0	2	-150	* AG	7	1.0	.0	9.9
R. SL	0	0	-2	150	* AG	48	1.0	.0	9.9
S. WL	0	0	150	2	* AG	199	1.5	.0	9.9
T. EL	0	0	-150	-2	* AG	9	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	8	1.8
2. SE3	8	-8	1.8
3. SW3	-8	-8	1.8
4. NW3	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	184.	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	355.	.5	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
3. SW3	86.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	95.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
4. NW3	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO AND NURSERY PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	1297	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	1290	1.4	.0	9.9
C. ND	*	2	0	2	150	*	AG	1207	1.0	.0	9.9
D. NE	*	2	150	2	450	*	AG	1207	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	593	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	491	1.1	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	957	1.0	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	957	.8	.0	10.5
I. WF	*	450	2	150	2	*	AG	837	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	384	1.4	.0	9.9
K. WD	*	0	2	-150	2	*	AG	14	.9	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	14	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	38	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	29	1.3	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	587	1.3	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	587	.8	.0	10.5
Q. NL	*	0	0	2	-150	*	AG	7	1.0	.0	9.9
R. SL	*	0	0	-2	150	*	AG	102	1.0	.0	9.9
S. WL	*	0	0	150	2	*	AG	453	1.5	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	9	1.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	8	1.8
2. SE3	*	8	-8	1.8
3. SW3	*	-8	-8	1.8
4. NW3	*	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	184.	*	.6	*	.0	.3	.0	.0	.0	.0	.0	.0
2. SE3	*	356.	*	.5	*	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	85.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	95.	*	.4	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO AND UNION SQUARE AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK X1	COORDINATES (M) Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	1692	.8	.0	15.0
B. NA	*	7	-150	7	0	*	AG	1535	1.1	.0	13.5
C. ND	*	7	0	7	150	*	AG	1468	.9	.0	9.9
D. NE	*	7	150	7	450	*	AG	1468	.8	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	1332	.8	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	1156	1.0	.0	13.5
G. SD	*	-7	0	-7	-150	*	AG	1212	.8	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	1212	.8	.0	15.0
I. WF	*	450	2	150	2	*	AG	629	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	402	1.5	.0	9.9
K. WD	*	0	2	-150	2	*	AG	729	1.5	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	729	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	481	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	313	1.4	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	725	1.5	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	725	.8	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	157	1.0	.0	9.9
R. SL	*	0	0	-5	150	*	AG	176	1.0	.0	9.9
S. WL	*	0	0	150	2	*	AG	227	1.3	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	168	1.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED CONC (PPM)	*	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	* .5	*	.0	.3	.0	.0	.0	.0	.0	.0
2. SE3	*	275.	* .5	*	.0	.1	.0	.0	.0	.0	.0	.0
3. SW3	*	85.	* .5	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	95.	* .5	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO AND UNION SQUARE AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	* AG	1565	.8	.0	15.0
B. NA	*	7	-150	7	0	* AG	1405	1.1	.0	13.5
C. ND	*	7	0	7	150	* AG	1272	.8	.0	9.9
D. NE	*	7	150	7	450	* AG	1272	.8	.0	15.0
E. SF	*	-7	450	-7	150	* AG	1130	.8	.0	15.0
F. SA	*	-7	150	-7	0	* AG	840	1.0	.0	13.5
G. SD	*	-7	0	-7	-150	* AG	1299	.8	.0	9.9
H. SE	*	-7	-150	-7	-450	* AG	1299	.8	.0	15.0
I. WF	*	450	2	150	2	* AG	615	.8	.0	10.5
J. WA	*	150	2	0	2	* AG	110	1.4	.0	9.9
K. WD	*	0	2	-150	2	* AG	309	1.1	.0	9.9
L. WE	*	-150	2	-450	2	* AG	309	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	* AG	236	.8	.0	10.5
N. EA	*	-150	-2	0	-2	* AG	152	1.4	.0	9.9
O. ED	*	0	-2	150	-2	* AG	666	1.5	.0	9.9
P. EE	*	150	-2	450	-2	* AG	666	.8	.0	10.5
Q. NL	*	0	0	5	-150	* AG	160	1.0	.0	9.9
R. SL	*	0	0	-5	150	* AG	290	1.0	.0	9.9
S. WL	*	0	0	150	2	* AG	505	1.5	.0	9.9
T. EL	*	0	0	-150	-2	* AG	84	1.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	185.	*	.5	*	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3	*	352.	*	.4	*	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	*	85.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	95.	*	.4	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO AND UNION SQUARE PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	1533	.8	.0	15.0
B. NA	*	7	-150	7	0	*	AG	1417	1.1	.0	13.5
C. ND	*	7	0	7	150	*	AG	1671	.9	.0	9.9
D. NE	*	7	150	7	450	*	AG	1671	.8	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	1534	.8	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	1340	1.1	.0	13.5
G. SD	*	-7	0	-7	-150	*	AG	1756	.9	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	1756	.8	.0	15.0
I. WF	*	450	2	150	2	*	AG	747	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	372	1.4	.0	9.9
K. WD	*	0	2	-150	2	*	AG	545	1.1	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	545	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	733	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	454	1.5	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	575	1.3	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	575	.8	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	116	1.0	.0	9.9
R. SL	*	0	0	-5	150	*	AG	194	1.0	.0	9.9
S. WL	*	0	0	150	2	*	AG	375	1.4	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	279	1.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	.5	*	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3	*	352.	*	.4	*	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	85.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	172.	*	.4	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: ALVARADO AND UNION SQUARE PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES Y1	(M) X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	1584	.8	.0	15.0
B. NA	*	7	-150	7	0	*	AG	1548	1.1	.0	13.5
C. ND	*	7	0	7	150	*	AG	1601	.9	.0	9.9
D. NE	*	7	150	7	450	*	AG	1601	.8	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	1519	.8	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	1402	1.1	.0	13.5
G. SD	*	-7	0	-7	-150	*	AG	1662	.9	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	1662	.8	.0	15.0
I. WF	*	450	2	150	2	*	AG	594	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	370	1.5	.0	9.9
K. WD	*	0	2	-150	2	*	AG	361	1.1	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	361	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	473	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	232	1.3	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	546	1.4	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	546	.8	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	36	1.0	.0	9.9
R. SL	*	0	0	-5	150	*	AG	117	1.0	.0	9.9
S. WL	*	0	0	150	2	*	AG	224	1.3	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	241	1.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	.5	*	.0	.3	.0	.0	.0	.0	.0	.0
2. SE3	*	352.	*	.4	*	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	85.	*	.4	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	173.	*	.4	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	CONC/LINK (PPM) Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 7TH ST AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	851	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	530	1.5	.0	9.9
C. ND	*	2	0	2	150	*	AG	389	1.1	.0	9.9
D. NE	*	2	150	2	450	*	AG	389	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	329	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	272	1.4	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	883	1.5	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	883	.8	.0	10.5
I. WF	*	450	5	150	5	*	AG	1438	.8	.0	15.0
J. WA	*	150	5	0	5	*	AG	1176	1.1	.0	9.9
K. WD	*	0	5	-150	5	*	AG	1508	.9	.0	9.9
L. WE	*	-150	5	-450	5	*	AG	1508	.8	.0	15.0
M. EF	*	-450	-5	-150	-5	*	AG	1404	.8	.0	15.0
N. EA	*	-150	-5	0	-5	*	AG	1305	1.1	.0	9.9
O. ED	*	0	-5	150	-5	*	AG	1242	.8	.0	9.9
P. EE	*	150	-5	450	-5	*	AG	1242	.8	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	321	1.4	.0	9.9
R. SL	*	0	0	-2	150	*	AG	57	1.3	.0	9.9
S. WL	*	0	0	150	2	*	AG	262	1.0	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	99	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	12	1.8
2. SE3	*	8	-12	1.8
3. SW3	*	-8	-12	1.8
4. NW3	*	-8	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	.5	*	.0	.2	.0	.0	.0	.0	.1	.0
2. SE3	*	276.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	84.	*	.4	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	175.	*	.6	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 7TH ST AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (M)	* *	EF	H	W
		X1 Y1 X2 Y2	TYPE	(G/MI)	(M)	(M)
A. NF	*	2 -450 2 -150	* AG	416 .8	.0	10.5
B. NA	*	2 -150 2 0	* AG	223 1.4	.0	9.9
C. ND	*	2 0 2 150	* AG	277 1.1	.0	9.9
D. NE	*	2 150 2 450	* AG	277 .8	.0	10.5
E. SF	*	-2 450 -2 150	* AG	347 .8	.0	10.5
F. SA	*	-2 150 -2 0	* AG	290 1.5	.0	9.9
G. SD	*	-2 0 -2 -150	* AG	702 1.5	.0	9.9
H. SE	*	-2 -150 -2 -450	* AG	702 .8	.0	10.5
I. WF	*	450 5 150 5	* AG	1704 .8	.0	15.0
J. WA	*	150 5 0 5	* AG	1283 1.1	.0	9.9
K. WD	*	0 5 -150 5	* AG	1599 .9	.0	9.9
L. WE	*	-150 5 -450 5	* AG	1599 .8	.0	15.0
M. EF	*	-450 -5 -150 -5	* AG	961 .8	.0	15.0
N. EA	*	-150 -5 0 -5	* AG	806 1.0	.0	9.9
O. ED	*	0 -5 150 -5	* AG	850 .8	.0	9.9
P. EE	*	150 -5 450 -5	* AG	850 .8	.0	15.0
Q. NL	*	0 0 2 -150	* AG	193 1.4	.0	9.9
R. SL	*	0 0 -2 150	* AG	57 1.4	.0	9.9
S. WL	*	0 0 150 2	* AG	421 1.0	.0	9.9
T. EL	*	0 0 -150 -2	* AG	155 1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M)
		X Y Z
1. NE3	*	8 12 1.8
2. SE3	*	8 -12 1.8
3. SW3	*	-8 -12 1.8
4. NW3	*	-8 12 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	185.	*	.4	*	.0	.0	.0	.0	.0	.0	.1	.0
2. SE3	*	276.	*	.4	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	84.	*	.4	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	176.	*	.5	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 7TH ST PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	996	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	512	1.4	.0	9.9
C. ND	*	2	0	2	150	*	AG	393	.9	.0	9.9
D. NE	*	2	150	2	450	*	AG	393	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	516	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	485	1.4	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	748	1.3	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	748	.8	.0	10.5
I. WF	*	450	5	150	5	*	AG	1169	.8	.0	15.0
J. WA	*	150	5	0	5	*	AG	1043	1.1	.0	9.9
K. WD	*	0	5	-150	5	*	AG	1593	.9	.0	9.9
L. WE	*	-150	5	-450	5	*	AG	1593	.8	.0	15.0
M. EF	*	-450	-5	-150	-5	*	AG	1302	.8	.0	15.0
N. EA	*	-150	-5	0	-5	*	AG	1176	1.2	.0	9.9
O. ED	*	0	-5	150	-5	*	AG	1249	.9	.0	9.9
P. EE	*	150	-5	450	-5	*	AG	1249	.8	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	484	1.4	.0	9.9
R. SL	*	0	0	-2	150	*	AG	31	1.3	.0	9.9
S. WL	*	0	0	150	2	*	AG	126	1.1	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	126	1.1	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	12	1.8
2. SE3	*	8	-12	1.8
3. SW3	*	-8	-12	1.8
4. NW3	*	-8	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	.5	*	.0	.1	.0	.0	.0	.0	.0	.0
2. SE3	*	276.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	84.	*	.4	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	175.	*	.6	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 7TH ST PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (M)	* *	EF	H	W
		X1 Y1 X2 Y2	TYPE VPH (G/MI) (M) (M)			
A. NF	*	2 -450 2 -150	* AG 652 .8 .0 10.5			
B. NA	*	2 -150 2 0	* AG 406 1.5 .0 9.9			
C. ND	*	2 0 2 150	* AG 434 1.1 .0 9.9			
D. NE	*	2 150 2 450	* AG 434 .8 .0 10.5			
E. SF	*	-2 450 -2 150	* AG 261 .8 .0 10.5			
F. SA	*	-2 150 -2 0	* AG 230 1.3 .0 9.9			
G. SD	*	-2 0 -2 -150	* AG 363 1.1 .0 9.9			
H. SE	*	-2 -150 -2 -450	* AG 363 .8 .0 10.5			
I. WF	*	450 5 150 5	* AG 769 .8 .0 15.0			
J. WA	*	150 5 0 5	* AG 710 1.0 .0 9.9			
K. WD	*	0 5 -150 5	* AG 1074 .8 .0 9.9			
L. WE	*	-150 5 -450 5	* AG 1074 .8 .0 15.0			
M. EF	*	-450 -5 -150 -5	* AG 1893 .8 .0 15.0			
N. EA	*	-150 -5 0 -5	* AG 1633 1.2 .0 9.9			
O. ED	*	0 -5 150 -5	* AG 1704 .9 .0 9.9			
P. EE	*	150 -5 450 -5	* AG 1704 .8 .0 15.0			
Q. NL	*	0 0 2 -150	* AG 246 1.3 .0 9.9			
R. SL	*	0 0 -2 150	* AG 31 1.3 .0 9.9			
S. WL	*	0 0 150 2	* AG 59 1.0 .0 9.9			
T. EL	*	0 0 -150 -2	* AG 260 1.0 .0 9.9			

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M)
		X Y Z
1. NE3	*	8 12 1.8
2. SE3	*	8 -12 1.8
3. SW3	*	-8 -12 1.8
4. NW3	*	-8 12 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	264.	*	.3	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	276.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	85.	*	.4	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	175.	*	.4	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 11TH ST AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	* AG	606	.8	.0	10.5
B. NA	*	2	-150	2	0	* AG	328	1.3	.0	9.9
C. ND	*	2	0	2	150	* AG	407	1.0	.0	9.9
D. NE	*	2	150	2	450	* AG	407	.8	.0	10.5
E. SF	*	-2	450	-2	150	* AG	770	.8	.0	10.5
F. SA	*	-2	150	-2	0	* AG	708	1.5	.0	9.9
G. SD	*	-2	0	-2	-150	* AG	844	1.5	.0	9.9
H. SE	*	-2	-150	-2	-450	* AG	844	.8	.0	10.5
I. WF	*	450	5	150	5	* AG	1325	.8	.0	15.0
J. WA	*	150	5	0	5	* AG	1091	1.1	.0	9.9
K. WD	*	0	5	-150	5	* AG	1795	.9	.0	9.9
L. WE	*	-150	5	-450	5	* AG	1795	.8	.0	15.0
M. EF	*	-450	-5	-150	-5	* AG	1795	.8	.0	15.0
N. EA	*	-150	-5	0	-5	* AG	1695	1.2	.0	9.9
O. ED	*	0	-5	150	-5	* AG	1450	.9	.0	9.9
P. EE	*	150	-5	450	-5	* AG	1450	.8	.0	15.0
Q. NL	*	0	0	2	-150	* AG	278	1.3	.0	9.9
R. SL	*	0	0	-2	150	* AG	62	1.3	.0	9.9
S. WL	*	0	0	150	2	* AG	234	1.0	.0	9.9
T. EL	*	0	0	-150	-2	* AG	100	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	12	1.8
2. SE3	*	8	-12	1.8
3. SW3	*	-8	-12	1.8
4. NW3	*	-8	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	264.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	276.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	4.	*	.5	*	.0	.0	.0	.0	.0	.2	.0	.0
4. NW3	*	175.	*	.6	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 11TH ST AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	1040	.8	.0	10.5
B. NA	2	-150	2	0	* AG	706	1.5	.0	9.9
C. ND	2	0	2	150	* AG	597	1.0	.0	9.9
D. NE	2	150	2	450	* AG	597	.8	.0	10.5
E. SF	-2	450	-2	150	* AG	1018	.8	.0	10.5
F. SA	-2	150	-2	0	* AG	956	1.5	.0	9.9
G. SD	-2	0	-2	-150	* AG	1279	1.5	.0	9.9
H. SE	-2	-150	-2	-450	* AG	1279	.8	.0	10.5
I. WF	450	5	150	5	* AG	1540	.8	.0	15.0
J. WA	150	5	0	5	* AG	959	1.2	.0	9.9
K. WD	0	5	-150	5	* AG	2093	1.1	.0	9.9
L. WE	-150	5	-450	5	* AG	2093	.8	.0	15.0
M. EF	-450	-5	-150	-5	* AG	1406	.8	.0	15.0
N. EA	-150	-5	0	-5	* AG	1301	1.3	.0	9.9
O. ED	0	-5	150	-5	* AG	1035	.9	.0	9.9
P. EE	150	-5	450	-5	* AG	1035	.8	.0	15.0
Q. NL	0	0	2	-150	* AG	334	1.3	.0	9.9
R. SL	0	0	-2	150	* AG	62	1.3	.0	9.9
S. WL	0	0	150	2	* AG	581	1.2	.0	9.9
T. EL	0	0	-150	-2	* AG	105	1.1	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	12	1.8
2. SE3	8	-12	1.8
3. SW3	-8	-12	1.8
4. NW3	-8	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	185.	.7	.0	.2	.0	.0	.0	.0	.0	.2	.0		
2. SE3	276.	.6	.0	.0	.0	.0	.0	.0	.0	.1	.0		
3. SW3	5.	.7	.0	.0	.0	.0	.0	.3	.0	.0			
4. NW3	175.	.8	.0	.1	.0	.0	.0	.0	.3	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 11TH ST PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (M)	* *	EF	H	W
		X1 Y1 X2 Y2	TYPE VPH (G/MI) (M) (M)			
A. NF	*	2 -450 2 -150	* AG 864 .8 .0 10.5			
B. NA	*	2 -150 2 0	* AG 355 1.4 .0 9.9			
C. ND	*	2 0 2 150	* AG 307 .9 .0 9.9			
D. NE	*	2 150 2 450	* AG 307 .8 .0 10.5			
E. SF	*	-2 450 -2 150	* AG 443 .8 .0 10.5			
F. SA	*	-2 150 -2 0	* AG 392 1.4 .0 9.9			
G. SD	*	-2 0 -2 -150	* AG 662 1.5 .0 9.9			
H. SE	*	-2 -150 -2 -450	* AG 662 .8 .0 10.5			
I. WF	*	450 5 150 5	* AG 1347 .8 .0 15.0			
J. WA	*	150 5 0 5	* AG 1089 1.1 .0 9.9			
K. WD	*	0 5 -150 5	* AG 1816 .9 .0 9.9			
L. WE	*	-150 5 -450 5	* AG 1816 .8 .0 15.0			
M. EF	*	-450 -5 -150 -5	* AG 1444 .8 .0 15.0			
N. EA	*	-150 -5 0 -5	* AG 1289 1.1 .0 9.9			
O. ED	*	0 -5 150 -5	* AG 1313 .9 .0 9.9			
P. EE	*	150 -5 450 -5	* AG 1313 .8 .0 15.0			
Q. NL	*	0 0 2 -150	* AG 509 1.5 .0 9.9			
R. SL	*	0 0 -2 150	* AG 51 1.3 .0 9.9			
S. WL	*	0 0 150 2	* AG 258 1.0 .0 9.9			
T. EL	*	0 0 -150 -2	* AG 155 1.0 .0 9.9			

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M)
		X Y Z
1. NE3	*	8 12 1.8
2. SE3	*	8 -12 1.8
3. SW3	*	-8 -12 1.8
4. NW3	*	-8 12 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	185.	*	.5	*	.0	.0	.0	.0	.0	.0	.1	.0
2. SE3	*	276.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	84.	*	.4	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	175.	*	.6	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND 11TH ST PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	1215	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	745	1.5	.0	9.9
C. ND	*	2	0	2	150	*	AG	693	1.3	.0	9.9
D. NE	*	2	150	2	450	*	AG	693	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	566	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	515	1.5	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	1037	1.5	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	1037	.8	.0	10.5
I. WF	*	450	5	150	5	*	AG	1104	.8	.0	15.0
J. WA	*	150	5	0	5	*	AG	704	1.1	.0	9.9
K. WD	*	0	5	-150	5	*	AG	1303	.9	.0	9.9
L. WE	*	-150	5	-450	5	*	AG	1303	.8	.0	15.0
M. EF	*	-450	-5	-150	-5	*	AG	2001	.8	.0	15.0
N. EA	*	-150	-5	0	-5	*	AG	1544	1.3	.0	9.9
O. ED	*	0	-5	150	-5	*	AG	1853	.9	.0	9.9
P. EE	*	150	-5	450	-5	*	AG	1853	.8	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	470	1.5	.0	9.9
R. SL	*	0	0	-2	150	*	AG	51	1.3	.0	9.9
S. WL	*	0	0	150	2	*	AG	400	1.1	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	457	1.1	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	12	1.8
2. SE3	*	8	-12	1.8
3. SW3	*	-8	-12	1.8
4. NW3	*	-8	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	.7	*	.0	.2	.0	.0	.0	.0	.1	.0
2. SE3	*	276.	*	.6	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	84.	*	.6	*	.0	.0	.0	.0	.0	.0	.1	.0
4. NW3	*	175.	*	.7	*	.0	.1	.0	.0	.0	.0	.3	.0

RECEPTOR	* *	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND ALVARADO AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	5	-450	5	-150	* AG	1127	.8	.0	15.0
B. NA	5	-150	5	0	* AG	968	1.2	.0	9.9
C. ND	5	0	5	150	* AG	1386	.9	.0	9.9
D. NE	5	150	5	450	* AG	1386	.8	.0	15.0
E. SF	-5	450	-5	150	* AG	2210	.8	.0	15.0
F. SA	-5	150	-5	0	* AG	1797	1.5	.0	9.9
G. SD	-5	0	-5	-150	* AG	1718	1.1	.0	9.9
H. SE	-5	-150	-5	-450	* AG	1718	.8	.0	15.0
I. WF	450	5	150	5	* AG	1330	.8	.0	15.0
J. WA	150	5	0	5	* AG	1013	1.3	.0	9.9
K. WD	0	5	-150	5	* AG	1628	1.2	.0	9.9
L. WE	-150	5	-450	5	* AG	1628	.8	.0	15.0
M. EF	-450	-5	-150	-5	* AG	1391	.8	.0	15.0
N. EA	-150	-5	0	-5	* AG	937	1.3	.0	9.9
O. ED	0	-5	150	-5	* AG	1326	1.1	.0	9.9
P. EE	150	-5	450	-5	* AG	1326	.8	.0	15.0
Q. NL	0	0	2	-150	* AG	159	1.1	.0	9.9
R. SL	0	0	-2	150	* AG	413	1.2	.0	9.9
S. WL	0	0	150	2	* AG	317	1.2	.0	9.9
T. EL	0	0	-150	-2	* AG	454	1.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	12	12	1.8
2. SE3	12	-12	1.8
3. SW3	-12	-12	1.8
4. NW3	-12	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D	* E	* F	* G	* H
1. NE3	263.	.6	.0	.0	.0	.0	.0	.1	.0	.0
2. SE3	352.	.6	.0	.0	.2	.0	.0	.1	.0	.0
3. SW3	6.	.7	.0	.0	.0	.0	.0	.3	.0	.0
4. NW3	96.	.6	.0	.0	.0	.0	.0	.2	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND ALVARADO AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES Y1	(M) X2	* *	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	5	-450	5	-150	*	AG	865	.8	.0	15.0	
B. NA	*	5	-150	5	0	*	AG	756	1.2	.0	9.9	
C. ND	*	5	0	5	150	*	AG	1445	.9	.0	9.9	
D. NE	*	5	150	5	450	*	AG	1445	.8	.0	15.0	
E. SF	*	-5	450	-5	150	*	AG	2147	.8	.0	15.0	
F. SA	*	-5	150	-5	0	*	AG	1644	1.5	.0	9.9	
G. SD	*	-5	0	-5	-150	*	AG	1215	.9	.0	9.9	
H. SE	*	-5	-150	-5	-450	*	AG	1215	.8	.0	15.0	
I. WF	*	450	5	150	5	*	AG	1242	.8	.0	15.0	
J. WA	*	150	5	0	5	*	AG	1054	1.3	.0	9.9	
K. WD	*	0	5	-150	5	*	AG	1929	1.4	.0	9.9	
L. WE	*	-150	5	-450	5	*	AG	1929	.8	.0	15.0	
M. EF	*	-450	-5	-150	-5	*	AG	1540	.8	.0	15.0	
N. EA	*	-150	-5	0	-5	*	AG	990	1.3	.0	9.9	
O. ED	*	0	-5	150	-5	*	AG	1205	.9	.0	9.9	
P. EE	*	150	-5	450	-5	*	AG	1205	.8	.0	15.0	
Q. NL	*	0	0	2	-150	*	AG	109	1.1	.0	9.9	
R. SL	*	0	0	-2	150	*	AG	503	1.2	.0	9.9	
S. WL	*	0	0	150	2	*	AG	188	1.2	.0	9.9	
T. EL	*	0	0	-150	-2	*	AG	550	1.3	.0	9.9	

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES X	(M) Y	Z
1. NE3	*	12	12	1.8
2. SE3	*	12	-12	1.8
3. SW3	*	-12	-12	1.8
4. NW3	*	-12	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	263.	*	.7	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	352.	*	.5	*	.0	.0	.2	.0	.0	.1	.0	.0
3. SW3	*	6.	*	.7	*	.0	.0	.0	.0	.0	.3	.0	.0
4. NW3	*	96.	*	.5	*	.0	.0	.0	.0	.0	.1	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND ALVARADO PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	5	-450	5	-150	* AG	1329	.8	.0	15.0
B. NA	5	-150	5	0	* AG	1125	1.4	.0	9.9
C. ND	5	0	5	150	* AG	1427	1.0	.0	9.9
D. NE	5	150	5	450	* AG	1427	.8	.0	15.0
E. SF	-5	450	-5	150	* AG	1481	.8	.0	15.0
F. SA	-5	150	-5	0	* AG	1196	1.4	.0	9.9
G. SD	-5	0	-5	-150	* AG	1441	1.0	.0	9.9
H. SE	-5	-150	-5	-450	* AG	1441	.8	.0	15.0
I. WF	450	5	150	5	* AG	1442	.8	.0	15.0
J. WA	150	5	0	5	* AG	1152	1.3	.0	9.9
K. WD	0	5	-150	5	* AG	1351	.9	.0	9.9
L. WE	-150	5	-450	5	* AG	1351	.8	.0	15.0
M. EF	-450	-5	-150	-5	* AG	1681	.8	.0	15.0
N. EA	-150	-5	0	-5	* AG	1384	1.3	.0	9.9
O. ED	0	-5	150	-5	* AG	1714	1.1	.0	9.9
P. EE	150	-5	450	-5	* AG	1714	.8	.0	15.0
Q. NL	0	0	2	-150	* AG	204	1.2	.0	9.9
R. SL	0	0	-2	150	* AG	285	1.2	.0	9.9
S. WL	0	0	150	2	* AG	290	1.2	.0	9.9
T. EL	0	0	-150	-2	* AG	297	1.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	12	12	1.8
2. SE3	12	-12	1.8
3. SW3	-12	-12	1.8
4. NW3	-12	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	186.	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	353.	.5	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	84.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	96.	.6	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND ALVARADO PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	Y2	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	5	-450	5	-150	*	AG	1652	.8	.0	15.0	
B. NA	*	5	-150	5	0	*	AG	1164	1.3	.0	9.9	
C. ND	*	5	0	5	150	*	AG	1728	1.1	.0	9.9	
D. NE	*	5	150	5	450	*	AG	1728	.8	.0	15.0	
E. SF	*	-5	450	-5	150	*	AG	1765	.8	.0	15.0	
F. SA	*	-5	150	-5	0	*	AG	1436	1.3	.0	9.9	
G. SD	*	-5	0	-5	-150	*	AG	1598	1.0	.0	9.9	
H. SE	*	-5	-150	-5	-450	*	AG	1598	.8	.0	15.0	
I. WF	*	450	5	150	5	*	AG	1185	.8	.0	15.0	
J. WA	*	150	5	0	5	*	AG	1032	1.3	.0	9.9	
K. WD	*	0	5	-150	5	*	AG	1480	1.1	.0	9.9	
L. WE	*	-150	5	-450	5	*	AG	1480	.8	.0	15.0	
M. EF	*	-450	-5	-150	-5	*	AG	1682	.8	.0	15.0	
N. EA	*	-150	-5	0	-5	*	AG	1036	1.3	.0	9.9	
O. ED	*	0	-5	150	-5	*	AG	1478	1.1	.0	9.9	
P. EE	*	150	-5	450	-5	*	AG	1478	.8	.0	15.0	
Q. NL	*	0	0	2	-150	*	AG	488	1.2	.0	9.9	
R. SL	*	0	0	-2	150	*	AG	329	1.1	.0	9.9	
S. WL	*	0	0	150	2	*	AG	153	1.2	.0	9.9	
T. EL	*	0	0	-150	-2	*	AG	646	1.4	.0	9.9	

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	12	12	1.8
2. SE3	*	12	-12	1.8
3. SW3	*	-12	-12	1.8
4. NW3	*	-12	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	A	B	C	CONC/LINK (PPM)				D	E	F	G	H
1. NE3	*	263.	*	.6	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	353.	*	.6	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	6.	*	.6	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	173.	*	.6	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND CABRILLO AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	475	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	107	1.5	.0	9.9
C. ND	*	2	0	2	150	*	AG	93	1.1	.0	9.9
D. NE	*	2	150	2	450	*	AG	93	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	169	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	89	1.5	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	501	1.5	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	501	.8	.0	10.5
I. WF	*	450	7	150	7	*	AG	2109	.8	.0	15.0
J. WA	*	150	7	0	7	*	AG	1745	1.1	.0	13.5
K. WD	*	0	7	-150	7	*	AG	2051	.9	.0	9.9
L. WE	*	-150	7	-450	7	*	AG	2051	.8	.0	15.0
M. EF	*	-450	-7	-150	-7	*	AG	1238	.8	.0	15.0
N. EA	*	-150	-7	0	-7	*	AG	1225	1.0	.0	13.5
O. ED	*	0	-7	150	-7	*	AG	1346	.9	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	1346	.8	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	368	1.5	.0	9.9
R. SL	*	0	0	-2	150	*	AG	80	1.5	.0	9.9
S. WL	*	0	0	150	5	*	AG	364	1.0	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	13	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	14	1.8
2. SE3	*	8	-14	1.8
3. SW3	*	-8	-14	1.8
4. NW3	*	-8	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	96.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	275.	*	.4	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	82.	*	.4	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	95.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND CABRILLO AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	537	.8	.0	10.5
B. NA	2	-150	2	0	* AG	104	1.5	.0	9.9
C. ND	2	0	2	150	* AG	93	1.3	.0	9.9
D. NE	2	150	2	450	* AG	93	.8	.0	10.5
E. SF	-2	450	-2	150	* AG	169	.8	.0	10.5
F. SA	-2	150	-2	0	* AG	89	1.5	.0	9.9
G. SD	-2	0	-2	-150	* AG	484	1.5	.0	9.9
H. SE	-2	-150	-2	-450	* AG	484	.8	.0	10.5
I. WF	450	7	150	7	* AG	3228	.8	.0	15.0
J. WA	150	7	0	7	* AG	2881	1.3	.0	13.5
K. WD	0	7	-150	7	* AG	3252	.9	.0	9.9
L. WE	-150	7	-450	7	* AG	3252	.8	.0	15.0
M. EF	-450	-7	-150	-7	* AG	1476	.8	.0	15.0
N. EA	-150	-7	0	-7	* AG	1463	1.1	.0	13.5
O. ED	0	-7	150	-7	* AG	1581	.9	.0	9.9
P. EE	150	-7	450	-7	* AG	1581	.8	.0	15.0
Q. NL	0	0	2	-150	* AG	433	1.5	.0	9.9
R. SL	0	0	-2	150	* AG	80	1.5	.0	9.9
S. WL	0	0	150	5	* AG	347	1.0	.0	9.9
T. EL	0	0	-150	-5	* AG	13	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	14	1.8
2. SE3	8	-14	1.8
3. SW3	-8	-14	1.8
4. NW3	-8	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	96.	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	276.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	79.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	95.	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
3. SW3	.0	.2	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND CABRILLO PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	656	.8	.0	10.5
B. NA	2	-150	2	0	* AG	404	1.5	.0	9.9
C. ND	2	0	2	150	* AG	195	1.1	.0	9.9
D. NE	2	150	2	450	* AG	195	.8	.0	10.5
E. SF	-2	450	-2	150	* AG	39	.8	.0	10.5
F. SA	-2	150	-2	0	* AG	20	1.5	.0	9.9
G. SD	-2	0	-2	-150	* AG	518	1.5	.0	9.9
H. SE	-2	-150	-2	-450	* AG	518	.8	.0	10.5
I. WF	450	7	150	7	* AG	1068	.8	.0	15.0
J. WA	150	7	0	7	* AG	1027	1.0	.0	13.5
K. WD	0	7	-150	7	* AG	1191	.8	.0	9.9
L. WE	-150	7	-450	7	* AG	1191	.8	.0	15.0
M. EF	-450	-7	-150	-7	* AG	2529	.8	.0	15.0
N. EA	-150	-7	0	-7	* AG	2442	1.2	.0	13.5
O. ED	0	-7	150	-7	* AG	2388	.9	.0	9.9
P. EE	150	-7	450	-7	* AG	2388	.8	.0	15.0
Q. NL	0	0	2	-150	* AG	252	1.5	.0	9.9
R. SL	0	0	-2	150	* AG	19	1.5	.0	9.9
S. WL	0	0	150	5	* AG	41	1.0	.0	9.9
T. EL	0	0	-150	-5	* AG	87	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	14	1.8
2. SE3	8	-14	1.8
3. SW3	-8	-14	1.8
4. NW3	-8	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	185.	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	275.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	276.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	175.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND CABRILLO PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	714	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	409	1.5	.0	9.9
C. ND	*	2	0	2	150	*	AG	195	1.1	.0	9.9
D. NE	*	2	150	2	450	*	AG	195	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	39	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	20	1.5	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	471	1.5	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	471	.8	.0	10.5
I. WF	*	450	7	150	7	*	AG	1248	.8	.0	15.0
J. WA	*	150	7	0	7	*	AG	1239	1.0	.0	13.5
K. WD	*	0	7	-150	7	*	AG	1456	.9	.0	9.9
L. WE	*	-150	7	-450	7	*	AG	1456	.8	.0	15.0
M. EF	*	-450	-7	-150	-7	*	AG	2805	.8	.0	15.0
N. EA	*	-150	-7	0	-7	*	AG	2718	1.3	.0	13.5
O. ED	*	0	-7	150	-7	*	AG	2684	.9	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	2684	.8	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	305	1.5	.0	9.9
R. SL	*	0	0	-2	150	*	AG	19	1.5	.0	9.9
S. WL	*	0	0	150	5	*	AG	9	1.0	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	87	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	14	1.8
2. SE3	*	8	-14	1.8
3. SW3	*	-8	-14	1.8
4. NW3	*	-8	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	261.	*	.4	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	275.	*	.7	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	276.	*	.7	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	175.	*	.5	*	.0	.0	.0	.0	.0	.0	.1	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND FREMONT AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (M)	* *	EF	H	W
		X1 Y1 X2 Y2	TYPE VPH (G/MI) (M) (M)			
A. NF	*	9 -450 9 -150	* AG 1967 .8 .0 15.0			
B. NA	*	9 -150 9 0	* AG 1522 1.1 .0 18.0			
C. ND	*	9 0 9 150	* AG 1525 1.0 .0 9.9			
D. NE	*	9 150 9 450	* AG 1525 .8 .0 15.0			
E. SF	*	-9 450 -9 150	* AG 1997 .8 .0 15.0			
F. SA	*	-9 150 -9 0	* AG 1669 1.1 .0 18.0			
G. SD	*	-9 0 -9 -150	* AG 1503 1.0 .0 9.9			
H. SE	*	-9 -150 -9 -450	* AG 1503 .8 .0 15.0			
I. WF	*	450 14 150 14	* AG 1639 .8 .0 15.0			
J. WA	*	150 14 0 14	* AG 1189 1.2 .0 22.5			
K. WD	*	0 14 -150 14	* AG 2320 1.5 .0 9.9			
L. WE	*	-150 14 -450 14	* AG 2320 .8 .0 15.0			
M. EF	*	-450 -11 -150 -11	* AG 1366 .8 .0 19.5			
N. EA	*	-150 -11 0 -11	* AG 1190 1.2 .0 27.0			
O. ED	*	0 -11 150 -11	* AG 1621 .9 .0 13.5			
P. EE	*	150 -11 450 -11	* AG 1621 .8 .0 19.5			
Q. NL	*	0 0 7 -150	* AG 445 1.1 .0 9.9			
R. SL	*	0 0 -7 150	* AG 328 1.1 .0 9.9			
S. WL	*	0 0 150 11	* AG 450 1.2 .0 9.9			
T. EL	*	0 0 -150 -7	* AG 176 1.2 .0 9.9			

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M)
		X Y Z
1. NE3	*	17 21 1.8
2. SE3	*	17 -21 1.8
3. SW3	*	-17 -21 1.8
4. NW3	*	-17 21 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	264.	*	.7	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	354.	*	.6	*	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	83.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	174.	*	.7	*	.0	.0	.0	.0	.0	.1	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND FREMONT AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	2133	.8	.0	15.0
B. NA	9	-150	9	0	* AG	1575	1.2	.0	18.0
C. ND	9	0	9	150	* AG	1646	1.1	.0	9.9
D. NE	9	150	9	450	* AG	1646	.8	.0	15.0
E. SF	-9	450	-9	150	* AG	2614	.8	.0	15.0
F. SA	-9	150	-9	0	* AG	2111	1.2	.0	18.0
G. SD	-9	0	-9	-150	* AG	2009	1.3	.0	9.9
H. SE	-9	-150	-9	-450	* AG	2009	.8	.0	15.0
I. WF	450	14	150	14	* AG	2746	.8	.0	15.0
J. WA	150	14	0	14	* AG	2427	1.3	.0	22.5
K. WD	0	14	-150	14	* AG	3347	1.4	.0	9.9
L. WE	-150	14	-450	14	* AG	3347	.8	.0	15.0
M. EF	-450	-11	-150	-11	* AG	1608	.8	.0	19.5
N. EA	-150	-11	0	-11	* AG	1449	1.2	.0	27.0
O. ED	0	-11	150	-11	* AG	2099	1.0	.0	13.5
P. EE	150	-11	450	-11	* AG	2099	.8	.0	19.5
Q. NL	0	0	7	-150	* AG	558	1.3	.0	9.9
R. SL	0	0	-7	150	* AG	503	1.2	.0	9.9
S. WL	0	0	150	11	* AG	319	1.2	.0	9.9
T. EL	0	0	-150	-7	* AG	159	1.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	17	21	1.8
2. SE3	17	-21	1.8
3. SW3	-17	-21	1.8
4. NW3	-17	21	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	264.	.9	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	353.	.7	.0	.1	.2	.0	.0	.0	.0	.0
3. SW3	82.	.6	.0	.0	.0	.0	.0	.0	.2	.0
4. NW3	173.	.9	.0	.0	.0	.0	.0	.1	.3	.0

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND FREMONT PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9	-450	9	-150	*	AG	2183	.8	.0	15.0
B. NA	*	9	-150	9	0	*	AG	2003	1.2	.0	18.0
C. ND	*	9	0	9	150	*	AG	1679	1.0	.0	9.9
D. NE	*	9	150	9	450	*	AG	1679	.8	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	1617	.8	.0	15.0
F. SA	*	-9	150	-9	0	*	AG	1265	1.2	.0	18.0
G. SD	*	-9	0	-9	-150	*	AG	1610	1.0	.0	9.9
H. SE	*	-9	-150	-9	-450	*	AG	1610	.8	.0	15.0
I. WF	*	450	14	150	14	*	AG	1108	.8	.0	15.0
J. WA	*	150	14	0	14	*	AG	886	1.2	.0	22.5
K. WD	*	0	14	-150	14	*	AG	905	.9	.0	9.9
L. WE	*	-150	14	-450	14	*	AG	905	.8	.0	15.0
M. EF	*	-450	-11	-150	-11	*	AG	2265	.8	.0	19.5
N. EA	*	-150	-11	0	-11	*	AG	1990	1.2	.0	27.0
O. ED	*	0	-11	150	-11	*	AG	2979	1.4	.0	13.5
P. EE	*	150	-11	450	-11	*	AG	2979	.8	.0	19.5
Q. NL	*	0	0	7	-150	*	AG	180	1.1	.0	9.9
R. SL	*	0	0	-7	150	*	AG	352	1.2	.0	9.9
S. WL	*	0	0	150	11	*	AG	222	1.2	.0	9.9
T. EL	*	0	0	-150	-7	*	AG	275	1.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	17	21	1.8
2. SE3	*	17	-21	1.8
3. SW3	*	-17	-21	1.8
4. NW3	*	-17	21	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	.6	*	.0	.3	.0	.0	.0	.0	.0	.0
2. SE3	*	354.	*	.7	*	.0	.1	.2	.0	.0	.0	.0	.0
3. SW3	*	83.	*	.7	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	174.	*	.6	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND FREMONT PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9	-450	9	-150	*	AG	2252	.8	.0	15.0
B. NA	*	9	-150	9	0	*	AG	2072	1.3	.0	18.0
C. ND	*	9	0	9	150	*	AG	1923	1.4	.0	9.9
D. NE	*	9	150	9	450	*	AG	1923	.8	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	1822	.8	.0	15.0
F. SA	*	-9	150	-9	0	*	AG	1206	1.2	.0	18.0
G. SD	*	-9	0	-9	-150	*	AG	1871	1.3	.0	9.9
H. SE	*	-9	-150	-9	-450	*	AG	1871	.8	.0	15.0
I. WF	*	450	14	150	14	*	AG	1777	.8	.0	15.0
J. WA	*	150	14	0	14	*	AG	1217	1.2	.0	22.5
K. WD	*	0	14	-150	14	*	AG	1319	1.0	.0	9.9
L. WE	*	-150	14	-450	14	*	AG	1319	.8	.0	15.0
M. EF	*	-450	-11	-150	-11	*	AG	2520	.8	.0	19.5
N. EA	*	-150	-11	0	-11	*	AG	2245	1.2	.0	27.0
O. ED	*	0	-11	150	-11	*	AG	3258	1.3	.0	13.5
P. EE	*	150	-11	450	-11	*	AG	3258	.8	.0	19.5
Q. NL	*	0	0	7	-150	*	AG	180	1.2	.0	9.9
R. SL	*	0	0	-7	150	*	AG	616	1.3	.0	9.9
S. WL	*	0	0	150	11	*	AG	560	1.2	.0	9.9
T. EL	*	0	0	-150	-7	*	AG	275	1.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	17	21	1.8
2. SE3	*	17	-21	1.8
3. SW3	*	-17	-21	1.8
4. NW3	*	-17	21	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	185.	*	.7	*	.0	.3	.0	.0	.0	.0	.0	.0
2. SE3	*	354.	*	.9	*	.0	.2	.3	.0	.0	.0	.0	.0
3. SW3	*	83.	*	.8	*	.0	.0	.0	.0	.0	.0	.1	.0
4. NW3	*	174.	*	.7	*	.0	.0	.0	.0	.0	.0	.3	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND NB RAMP AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	1973	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	345	1.4	.0	9.9
C. ND	*	2	0	2	150	*	AG	238	.9	.0	9.9
D. NE	*	2	150	2	450	*	AG	238	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	0	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	0	1.3	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	1504	1.5	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	1504	.8	.0	10.5
I. WF	*	450	2	150	2	*	AG	2058	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	2058	1.3	.0	9.9
K. WD	*	0	2	-150	2	*	AG	3448	.9	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	3448	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	2503	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	2503	1.3	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	1344	.9	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	1344	.8	.0	10.5
Q. NL	*	0	0	2	-150	*	AG	1628	1.5	.0	9.9
R. SL	*	0	0	-2	150	*	AG	0	1.3	.0	9.9
S. WL	*	0	0	150	2	*	AG	0	1.0	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	0	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	8	1.8
2. SE3	*	8	-8	1.8
3. SW3	*	-8	-8	1.8
4. NW3	*	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	185.	*	.9	*	.0	.1	.0	.0	.0	.0	.2	.0
2. SE3	*	275.	*	1.2	*	.0	.0	.0	.0	.0	.0	.1	.0
3. SW3	*	84.	*	.9	*	.0	.0	.0	.0	.0	.0	.2	.0
4. NW3	*	175.	*	1.2	*	.0	.0	.0	.0	.0	.0	.4	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.2	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
2. SE3	*	.0	.0	.2	.0	.0	.5	.0	.0	.1	.0	.0	.0
3. SW3	*	.0	.2	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.2	.0	.0	.3	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND NB RAMP AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	2006	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	378	1.5	.0	9.9
C. ND	*	2	0	2	150	*	AG	188	.9	.0	9.9
D. NE	*	2	150	2	450	*	AG	188	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	0	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	0	1.3	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	1486	1.5	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	1486	.8	.0	10.5
I. WF	*	450	2	150	2	*	AG	3248	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	3248	1.3	.0	9.9
K. WD	*	0	2	-150	2	*	AG	4688	.9	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	4688	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	2592	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	2592	1.3	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	1484	.9	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	1484	.8	.0	10.5
Q. NL	*	0	0	2	-150	*	AG	1628	1.5	.0	9.9
R. SL	*	0	0	-2	150	*	AG	0	1.3	.0	9.9
S. WL	*	0	0	150	2	*	AG	0	1.0	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	0	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	8	1.8
2. SE3	*	8	-8	1.8
3. SW3	*	-8	-8	1.8
4. NW3	*	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	265.	*	1.1	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	275.	*	1.3	*	.0	.0	.0	.0	.0	.0	.1	.0
3. SW3	*	84.	*	1.1	*	.0	.0	.0	.0	.0	.0	.2	.0
4. NW3	*	175.	*	1.3	*	.0	.0	.0	.0	.0	.0	.4	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.1	.7	.0	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.3	.0	.0	.5	.0	.0	.1	.0	.0	.0
3. SW3	*	.0	.3	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0
4. NW3	*	.0	.0	.3	.0	.0	.2	.0	.0	.3	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND NB RAMP PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	Y2	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	2210	.8	.0	10.5	
B. NA	*	2	-150	2	0	*	AG	945	1.5	.0	9.9	
C. ND	*	2	0	2	150	*	AG	150	.9	.0	9.9	
D. NE	*	2	150	2	450	*	AG	150	.8	.0	10.5	
E. SF	*	-2	450	-2	150	*	AG	0	.8	.0	10.5	
F. SA	*	-2	150	-2	0	*	AG	0	1.3	.0	9.9	
G. SD	*	-2	0	-2	-150	*	AG	1430	1.5	.0	9.9	
H. SE	*	-2	-150	-2	-450	*	AG	1430	.8	.0	10.5	
I. WF	*	450	2	150	2	*	AG	1081	.8	.0	10.5	
J. WA	*	150	2	0	2	*	AG	1081	1.4	.0	9.9	
K. WD	*	0	2	-150	2	*	AG	2196	1.0	.0	9.9	
L. WE	*	-150	2	-450	2	*	AG	2196	.8	.0	10.5	
M. EF	*	-450	-2	-150	-2	*	AG	2992	.8	.0	10.5	
N. EA	*	-150	-2	0	-2	*	AG	2992	1.4	.0	9.9	
O. ED	*	0	-2	150	-2	*	AG	2507	1.0	.0	9.9	
P. EE	*	150	-2	450	-2	*	AG	2507	.8	.0	10.5	
Q. NL	*	0	0	2	-150	*	AG	1265	1.5	.0	9.9	
R. SL	*	0	0	-2	150	*	AG	0	1.3	.0	9.9	
S. WL	*	0	0	150	2	*	AG	0	1.1	.0	9.9	
T. EL	*	0	0	-150	-2	*	AG	0	1.1	.0	9.9	

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	8	1.8
2. SE3	*	8	-8	1.8
3. SW3	*	-8	-8	1.8
4. NW3	*	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	*	185.	*	1.0	.0	.3	.0	.0	.0	.0	.2	.0
2. SE3	*	275.	*	1.3	.0	.1	.0	.0	.0	.0	.1	.0
3. SW3	*	85.	*	1.1	.0	.0	.0	.0	.0	.0	.2	.0
4. NW3	*	175.	*	1.2	.0	.1	.0	.0	.0	.0	.4	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.1	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0
2. SE3	*	.0	.0	.2	.0	.0	.7	.0	.0	.1	.0	.0	.0
3. SW3	*	.0	.1	.0	.0	.0	.1	.4	.0	.1	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.2	.0	.0	.2	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND NB RAMP PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	2200	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	1020	1.5	.0	9.9
C. ND	*	2	0	2	150	*	AG	210	.9	.0	9.9
D. NE	*	2	150	2	450	*	AG	210	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	0	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	0	1.3	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	1231	1.5	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	1231	.8	.0	10.5
I. WF	*	450	2	150	2	*	AG	1446	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	1446	1.4	.0	9.9
K. WD	*	0	2	-150	2	*	AG	2416	1.0	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	2416	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	3101	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	3101	1.4	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	2890	1.0	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	2890	.8	.0	10.5
Q. NL	*	0	0	2	-150	*	AG	1180	1.5	.0	9.9
R. SL	*	0	0	-2	150	*	AG	0	1.3	.0	9.9
S. WL	*	0	0	150	2	*	AG	0	1.0	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	0	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	8	1.8
2. SE3	*	8	-8	1.8
3. SW3	*	-8	-8	1.8
4. NW3	*	-8	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	185.	*	1.1	*	.0	.3	.0	.0	.0	.0	.2	.0
2. SE3	*	275.	*	1.3	*	.0	.1	.0	.0	.0	.0	.0	.0
3. SW3	*	85.	*	1.1	*	.0	.0	.0	.0	.0	.0	.1	.0
4. NW3	*	174.	*	1.2	*	.0	.2	.0	.0	.0	.0	.3	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.1	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0
2. SE3	*	.0	.0	.2	.0	.0	.7	.0	.0	.1	.0	.0	.0
3. SW3	*	.0	.2	.0	.0	.0	.1	.5	.0	.1	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.2	.0	.0	.2	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND PASEO PADRE AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9	-450	9	-150	*	AG	1173	.8	.0	15.0
B. NA	*	9	-150	9	0	*	AG	911	1.2	.0	18.0
C. ND	*	9	0	9	150	*	AG	1297	1.0	.0	9.9
D. NE	*	9	150	9	450	*	AG	1297	.8	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	1708	.8	.0	15.0
F. SA	*	-9	150	-9	0	*	AG	1513	1.3	.0	18.0
G. SD	*	-9	0	-9	-150	*	AG	1711	1.4	.0	9.9
H. SE	*	-9	-150	-9	-450	*	AG	1711	.8	.0	15.0
I. WF	*	450	11	150	11	*	AG	1912	.8	.0	15.0
J. WA	*	150	11	0	11	*	AG	1676	1.1	.0	22.5
K. WD	*	0	11	-150	11	*	AG	1684	1.0	.0	9.9
L. WE	*	-150	11	-450	11	*	AG	1684	.8	.0	15.0
M. EF	*	-450	-11	-150	-11	*	AG	1568	.8	.0	15.0
N. EA	*	-150	-11	0	-11	*	AG	1499	1.2	.0	18.0
O. ED	*	0	-11	150	-11	*	AG	1669	1.0	.0	9.9
P. EE	*	150	-11	450	-11	*	AG	1669	.8	.0	15.0
Q. NL	*	0	0	7	-150	*	AG	262	1.2	.0	9.9
R. SL	*	0	0	-7	150	*	AG	195	1.2	.0	9.9
S. WL	*	0	0	150	9	*	AG	236	1.1	.0	9.9
T. EL	*	0	0	-150	-9	*	AG	69	1.1	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	17	19	1.8
2. SE3	*	17	-19	1.8
3. SW3	*	-17	-19	1.8
4. NW3	*	-17	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	264.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	353.	*	.5	*	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	83.	*	.6	*	.0	.0	.0	.0	.0	.0	.1	.0
4. NW3	*	174.	*	.7	*	.0	.0	.0	.0	.0	.1	.3	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND PASEO PADRE AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9	-450	9	-150	*	AG	2221	.8	.0	15.0
B. NA	*	9	-150	9	0	*	AG	1455	1.2	.0	18.0
C. ND	*	9	0	9	150	*	AG	1591	1.0	.0	9.9
D. NE	*	9	150	9	450	*	AG	1591	.8	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	1804	.8	.0	15.0
F. SA	*	-9	150	-9	0	*	AG	1597	1.2	.0	18.0
G. SD	*	-9	0	-9	-150	*	AG	1995	1.3	.0	9.9
H. SE	*	-9	-150	-9	-450	*	AG	1995	.8	.0	15.0
I. WF	*	450	11	150	11	*	AG	1620	.8	.0	15.0
J. WA	*	150	11	0	11	*	AG	1434	1.2	.0	22.5
K. WD	*	0	11	-150	11	*	AG	2612	1.4	.0	9.9
L. WE	*	-150	11	-450	11	*	AG	2612	.8	.0	15.0
M. EF	*	-450	-11	-150	-11	*	AG	2010	.8	.0	15.0
N. EA	*	-150	-11	0	-11	*	AG	1932	1.3	.0	18.0
O. ED	*	0	-11	150	-11	*	AG	1457	1.0	.0	9.9
P. EE	*	150	-11	450	-11	*	AG	1457	.8	.0	15.0
Q. NL	*	0	0	7	-150	*	AG	766	1.2	.0	9.9
R. SL	*	0	0	-7	150	*	AG	207	1.1	.0	9.9
S. WL	*	0	0	150	9	*	AG	186	1.2	.0	9.9
T. EL	*	0	0	-150	-9	*	AG	78	1.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	17	19	1.8
2. SE3	*	17	-19	1.8
3. SW3	*	-17	-19	1.8
4. NW3	*	-17	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	263.	*	.7	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	275.	*	.6	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	83.	*	.7	*	.0	.0	.0	.0	.0	.0	.2	.0
4. NW3	*	173.	*	.9	*	.0	.0	.0	.0	.0	.1	.3	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND PASEO PADRE PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9	-450	9	-150	*	AG	1233	.8	.0	15.0
B. NA	*	9	-150	9	0	*	AG	897	1.3	.0	18.0
C. ND	*	9	0	9	150	*	AG	1386	1.3	.0	9.9
D. NE	*	9	150	9	450	*	AG	1386	.8	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	1244	.8	.0	15.0
F. SA	*	-9	150	-9	0	*	AG	899	1.3	.0	18.0
G. SD	*	-9	0	-9	-150	*	AG	1227	1.1	.0	9.9
H. SE	*	-9	-150	-9	-450	*	AG	1227	.8	.0	15.0
I. WF	*	450	11	150	11	*	AG	1034	.8	.0	15.0
J. WA	*	150	11	0	11	*	AG	889	1.1	.0	22.5
K. WD	*	0	11	-150	11	*	AG	1138	.9	.0	9.9
L. WE	*	-150	11	-450	11	*	AG	1138	.8	.0	15.0
M. EF	*	-450	-11	-150	-11	*	AG	2703	.8	.0	15.0
N. EA	*	-150	-11	0	-11	*	AG	2073	1.1	.0	18.0
O. ED	*	0	-11	150	-11	*	AG	2463	1.1	.0	9.9
P. EE	*	150	-11	450	-11	*	AG	2463	.8	.0	15.0
Q. NL	*	0	0	7	-150	*	AG	336	1.3	.0	9.9
R. SL	*	0	0	-7	150	*	AG	345	1.3	.0	9.9
S. WL	*	0	0	150	9	*	AG	145	1.1	.0	9.9
T. EL	*	0	0	-150	-9	*	AG	630	1.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	17	19	1.8
2. SE3	*	17	-19	1.8
3. SW3	*	-17	-19	1.8
4. NW3	*	-17	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	261.	*	.5	*	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	354.	*	.6	*	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	84.	*	.6	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	173.	*	.5	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND PASEO PADRE PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9	-450	9	-150	*	AG	1605	.8	.0	15.0
B. NA	*	9	-150	9	0	*	AG	948	1.3	.0	18.0
C. ND	*	9	0	9	150	*	AG	1556	1.4	.0	9.9
D. NE	*	9	150	9	450	*	AG	1556	.8	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	1218	.8	.0	15.0
F. SA	*	-9	150	-9	0	*	AG	751	1.3	.0	18.0
G. SD	*	-9	0	-9	-150	*	AG	1830	1.5	.0	9.9
H. SE	*	-9	-150	-9	-450	*	AG	1830	.8	.0	15.0
I. WF	*	450	11	150	11	*	AG	1480	.8	.0	15.0
J. WA	*	150	11	0	11	*	AG	1331	1.1	.0	22.5
K. WD	*	0	11	-150	11	*	AG	1666	.9	.0	9.9
L. WE	*	-150	11	-450	11	*	AG	1666	.8	.0	15.0
M. EF	*	-450	-11	-150	-11	*	AG	2720	.8	.0	15.0
N. EA	*	-150	-11	0	-11	*	AG	2422	1.2	.0	18.0
O. ED	*	0	-11	150	-11	*	AG	1971	1.1	.0	9.9
P. EE	*	150	-11	450	-11	*	AG	1971	.8	.0	15.0
Q. NL	*	0	0	7	-150	*	AG	657	1.3	.0	9.9
R. SL	*	0	0	-7	150	*	AG	467	1.3	.0	9.9
S. WL	*	0	0	150	9	*	AG	149	1.1	.0	9.9
T. EL	*	0	0	-150	-9	*	AG	298	1.1	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	17	19	1.8
2. SE3	*	17	-19	1.8
3. SW3	*	-17	-19	1.8
4. NW3	*	-17	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	261.	*	.6	*	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	354.	*	.6	*	.0	.0	.3	.0	.0	.0	.0	.0
3. SW3	*	84.	*	.7	*	.0	.0	.0	.0	.0	.0	.2	.0
4. NW3	*	173.	*	.7	*	.0	.0	.0	.0	.0	.0	.3	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND SB RAMP AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	0	.8	.0	10.5
B. NA	*	7	-150	7	0	*	AG	0	1.3	.0	9.9
C. ND	*	7	0	7	150	*	AG	990	1.5	.0	9.9
D. NE	*	7	150	7	450	*	AG	990	.8	.0	10.5
E. SF	*	-5	450	-5	150	*	AG	3094	.8	.0	15.0
F. SA	*	-5	150	-5	0	*	AG	2947	1.5	.0	13.5
G. SD	*	-7	0	-7	-150	*	AG	675	1.4	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	675	.8	.0	10.5
I. WF	*	450	9	150	9	*	AG	3449	.8	.0	15.0
J. WA	*	150	9	0	9	*	AG	3449	1.4	.0	13.5
K. WD	*	0	9	-150	9	*	AG	5406	1.0	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	5406	.8	.0	15.0
M. EF	*	-450	-7	-150	-7	*	AG	2843	.8	.0	19.5
N. EA	*	-150	-7	0	-7	*	AG	2843	1.3	.0	13.5
O. ED	*	0	-7	150	-7	*	AG	2315	.9	.0	13.5
P. EE	*	150	-7	450	-7	*	AG	2315	.8	.0	19.5
Q. NL	*	0	0	7	-150	*	AG	0	1.3	.0	9.9
R. SL	*	0	0	-2	150	*	AG	147	1.3	.0	9.9
S. WL	*	0	0	150	7	*	AG	0	1.0	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	0	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	12	17	1.8
2. SE3	*	12	-17	1.8
3. SW3	*	-8	-17	1.8
4. NW3	*	-12	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	261.	*	1.2	*	.0	.0	.1	.0	.0	.2	.0	.0
2. SE3	*	353.	*	.8	*	.0	.0	.2	.0	.0	.2	.0	.0
3. SW3	*	2.	*	1.2	*	.0	.0	.0	.0	.0	.6	.0	.0
4. NW3	*	95.	*	1.1	*	.0	.0	.0	.0	.0	.3	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.2	.6	.0	.0	.1	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND SB RAMP AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	0	.8	.0	10.5
B. NA	*	7	-150	7	0	*	AG	0	1.3	.0	9.9
C. ND	*	7	0	7	150	*	AG	1294	1.5	.0	9.9
D. NE	*	7	150	7	450	*	AG	1294	.8	.0	10.5
E. SF	*	-5	450	-5	150	*	AG	2967	.8	.0	15.0
F. SA	*	-5	150	-5	0	*	AG	2854	1.5	.0	13.5
G. SD	*	-7	0	-7	-150	*	AG	675	1.5	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	675	.8	.0	10.5
I. WF	*	450	9	150	9	*	AG	4716	.8	.0	15.0
J. WA	*	150	9	0	9	*	AG	4716	1.3	.0	13.5
K. WD	*	0	9	-150	9	*	AG	6276	.9	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	6276	.8	.0	15.0
M. EF	*	-450	-7	-150	-7	*	AG	2966	.8	.0	19.5
N. EA	*	-150	-7	0	-7	*	AG	2966	1.3	.0	13.5
O. ED	*	0	-7	150	-7	*	AG	2404	.9	.0	13.5
P. EE	*	150	-7	450	-7	*	AG	2404	.8	.0	19.5
Q. NL	*	0	0	7	-150	*	AG	0	1.3	.0	9.9
R. SL	*	0	0	-2	150	*	AG	113	1.3	.0	9.9
S. WL	*	0	0	150	7	*	AG	0	1.0	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	0	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	12	17	1.8
2. SE3	*	12	-17	1.8
3. SW3	*	-8	-17	1.8
4. NW3	*	-12	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	261.	*	1.3	*	.0	.0	.1	.0	.0	.2	.0	.0
2. SE3	*	355.	*	.9	*	.0	.0	.3	.0	.0	.1	.0	.0
3. SW3	*	2.	*	1.2	*	.0	.0	.0	.0	.0	.6	.0	.0
4. NW3	*	95.	*	1.3	*	.0	.0	.0	.0	.0	.3	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.2	.6	.0	.0	.1	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND SB RAMP PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	0	.8	.0	10.5
B. NA	*	7	-150	7	0	*	AG	0	1.5	.0	9.9
C. ND	*	7	0	7	150	*	AG	611	1.5	.0	9.9
D. NE	*	7	150	7	450	*	AG	611	.8	.0	10.5
E. SF	*	-5	450	-5	150	*	AG	1615	.8	.0	15.0
F. SA	*	-5	150	-5	0	*	AG	1399	1.5	.0	13.5
G. SD	*	-7	0	-7	-150	*	AG	1746	1.5	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	1746	.8	.0	10.5
I. WF	*	450	9	150	9	*	AG	2258	.8	.0	15.0
J. WA	*	150	9	0	9	*	AG	2258	1.2	.0	13.5
K. WD	*	0	9	-150	9	*	AG	3046	.9	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	3046	.8	.0	15.0
M. EF	*	-450	-7	-150	-7	*	AG	5822	.8	.0	19.5
N. EA	*	-150	-7	0	-7	*	AG	5822	1.3	.0	13.5
O. ED	*	0	-7	150	-7	*	AG	4292	.9	.0	13.5
P. EE	*	150	-7	450	-7	*	AG	4292	.8	.0	19.5
Q. NL	*	0	0	7	-150	*	AG	0	1.5	.0	9.9
R. SL	*	0	0	-2	150	*	AG	216	1.5	.0	9.9
S. WL	*	0	0	150	7	*	AG	0	1.0	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	0	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	12	17	1.8
2. SE3	*	12	-17	1.8
3. SW3	*	-8	-17	1.8
4. NW3	*	-12	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	258.	*	.9	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	277.	*	1.0	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	3.	*	1.2	*	.0	.0	.0	.0	.0	.3	.3	.0
4. NW3	*	176.	*	.9	*	.0	.0	.0	.0	.0	.0	.4	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.3	.0	.0	.3	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND SB RAMP PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK COORDINATES (M)	* *	EF	H	W
		X1 Y1 X2 Y2	TYPE VPH (G/MI) (M) (M)			
A. NF	*	7 -450 7 -150	* AG 0 .8 .0 10.5			
B. NA	*	7 -150 7 0	* AG 0 1.5 .0 9.9			
C. ND	*	7 0 7 150	* AG 770 1.5 .0 9.9			
D. NE	*	7 150 7 450	* AG 770 .8 .0 10.5			
E. SF	*	-5 450 -5 150	* AG 1711 .8 .0 15.0			
F. SA	*	-5 150 -5 0	* AG 1495 1.5 .0 13.5			
G. SD	*	-7 0 -7 -150	* AG 1768 1.5 .0 9.9			
H. SE	*	-7 -150 -7 -450	* AG 1768 .8 .0 10.5			
I. WF	*	450 9 150 9	* AG 2716 .8 .0 15.0			
J. WA	*	150 9 0 9	* AG 2716 1.3 .0 13.5			
K. WD	*	0 9 -150 9	* AG 3441 .9 .0 9.9			
L. WE	*	-150 9 -450 9	* AG 3441 .8 .0 15.0			
M. EF	*	-450 -7 -150 -7	* AG 6489 .8 .0 19.5			
N. EA	*	-150 -7 0 -7	* AG 6489 1.3 .0 13.5			
O. ED	*	0 -7 150 -7	* AG 4937 .9 .0 13.5			
P. EE	*	150 -7 450 -7	* AG 4937 .8 .0 19.5			
Q. NL	*	0 0 7 -150	* AG 0 1.5 .0 9.9			
R. SL	*	0 0 -2 150	* AG 216 1.5 .0 9.9			
S. WL	*	0 0 150 7	* AG 0 1.0 .0 9.9			
T. EL	*	0 0 -150 -2	* AG 0 1.0 .0 9.9			

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M)
		X Y Z
1. NE3	*	12 17 1.8
2. SE3	*	12 -17 1.8
3. SW3	*	-8 -17 1.8
4. NW3	*	-12 17 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	258.	*	1.0	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	277.	*	1.1	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	3.	*	1.3	*	.0	.0	.0	.0	.0	.3	.3	.0
4. NW3	*	96.	*	.9	*	.0	.0	.0	.0	.0	.1	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.1	.3	.0	.0	.3	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.5	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND UNION SQUARE AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES Y1	(M) X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	914	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	686	1.5	.0	9.9
C. ND	*	2	0	2	150	*	AG	229	.9	.0	9.9
D. NE	*	2	150	2	450	*	AG	229	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	129	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	53	1.4	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	646	1.5	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	646	.8	.0	10.5
I. WF	*	450	7	150	7	*	AG	1539	.8	.0	15.0
J. WA	*	150	7	0	7	*	AG	1155	1.0	.0	13.5
K. WD	*	0	7	-150	7	*	AG	1327	.9	.0	9.9
L. WE	*	-150	7	-450	7	*	AG	1327	.8	.0	15.0
M. EF	*	-450	-7	-150	-7	*	AG	1521	.8	.0	15.0
N. EA	*	-150	-7	0	-7	*	AG	1469	1.1	.0	13.5
O. ED	*	0	-7	150	-7	*	AG	1901	.9	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	1901	.8	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	228	1.4	.0	9.9
R. SL	*	0	0	-2	150	*	AG	76	1.4	.0	9.9
S. WL	*	0	0	150	5	*	AG	384	1.0	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	52	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES X	Y	Z
1. NE3	*	8	14	1.8
2. SE3	*	8	-14	1.8
3. SW3	*	-8	-14	1.8
4. NW3	*	-8	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	184.	*	.5	*	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3	*	275.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	82.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	175.	*	.5	*	.0	.1	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND UNION SQUARE AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	Y2	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	830	.8	.0	10.5	
B. NA	*	2	-150	2	0	*	AG	490	1.5	.0	9.9	
C. ND	*	2	0	2	150	*	AG	229	.9	.0	9.9	
D. NE	*	2	150	2	450	*	AG	229	.8	.0	10.5	
E. SF	*	-2	450	-2	150	*	AG	147	.8	.0	10.5	
F. SA	*	-2	150	-2	0	*	AG	47	1.4	.0	9.9	
G. SD	*	-2	0	-2	-150	*	AG	789	1.5	.0	9.9	
H. SE	*	-2	-150	-2	-450	*	AG	789	.8	.0	10.5	
I. WF	*	450	7	150	7	*	AG	1660	.8	.0	15.0	
J. WA	*	150	7	0	7	*	AG	1049	1.0	.0	13.5	
K. WD	*	0	7	-150	7	*	AG	1343	.9	.0	9.9	
L. WE	*	-150	7	-450	7	*	AG	1343	.8	.0	15.0	
M. EF	*	-450	-7	-150	-7	*	AG	1195	.8	.0	15.0	
N. EA	*	-150	-7	0	-7	*	AG	1143	1.0	.0	13.5	
O. ED	*	0	-7	150	-7	*	AG	1471	.9	.0	9.9	
P. EE	*	150	-7	450	-7	*	AG	1471	.8	.0	15.0	
Q. NL	*	0	0	2	-150	*	AG	340	1.5	.0	9.9	
R. SL	*	0	0	-2	150	*	AG	100	1.4	.0	9.9	
S. WL	*	0	0	150	5	*	AG	611	1.1	.0	9.9	
T. EL	*	0	0	-150	-5	*	AG	52	1.0	.0	9.9	

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	14	1.8
2. SE3	*	8	-14	1.8
3. SW3	*	-8	-14	1.8
4. NW3	*	-8	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	.5	.0	.1	.0	.0	.0	.0	.1	.0
2. SE3	*	275.	*	.4	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	82.	*	.5	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	175.	*	.5	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND UNION SQUARE PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	885	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	512	1.5	.0	9.9
C. ND	*	2	0	2	150	*	AG	203	.9	.0	9.9
D. NE	*	2	150	2	450	*	AG	203	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	162	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	50	1.3	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	618	1.5	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	618	.8	.0	10.5
I. WF	*	450	7	150	7	*	AG	1814	.8	.0	15.0
J. WA	*	150	7	0	7	*	AG	1320	1.0	.0	13.5
K. WD	*	0	7	-150	7	*	AG	1659	.9	.0	9.9
L. WE	*	-150	7	-450	7	*	AG	1659	.8	.0	15.0
M. EF	*	-450	-7	-150	-7	*	AG	1049	.8	.0	15.0
N. EA	*	-150	-7	0	-7	*	AG	979	1.0	.0	13.5
O. ED	*	0	-7	150	-7	*	AG	1430	.9	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	1430	.8	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	373	1.5	.0	9.9
R. SL	*	0	0	-2	150	*	AG	112	1.3	.0	9.9
S. WL	*	0	0	150	5	*	AG	494	1.1	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	70	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	14	1.8
2. SE3	*	8	-14	1.8
3. SW3	*	-8	-14	1.8
4. NW3	*	-8	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	185.	*	.5	*	.0	.1	.0	.0	.0	.0	.0	.0
2. SE3	*	275.	*	.4	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	82.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	175.	*	.5	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: DECOTO AND UNION SQUARE PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	938	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	643	1.5	.0	9.9
C. ND	*	2	0	2	150	*	AG	243	.9	.0	9.9
D. NE	*	2	150	2	450	*	AG	243	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	221	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	65	1.3	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	556	1.3	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	556	.8	.0	10.5
I. WF	*	450	7	150	7	*	AG	1049	.8	.0	15.0
J. WA	*	150	7	0	7	*	AG	725	1.0	.0	13.5
K. WD	*	0	7	-150	7	*	AG	944	.8	.0	9.9
L. WE	*	-150	7	-450	7	*	AG	944	.8	.0	15.0
M. EF	*	-450	-7	-150	-7	*	AG	1433	.8	.0	15.0
N. EA	*	-150	-7	0	-7	*	AG	1362	1.1	.0	13.5
O. ED	*	0	-7	150	-7	*	AG	1898	.9	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	1898	.8	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	295	1.3	.0	9.9
R. SL	*	0	0	-2	150	*	AG	156	1.3	.0	9.9
S. WL	*	0	0	150	5	*	AG	324	1.0	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	71	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	14	1.8
2. SE3	*	8	-14	1.8
3. SW3	*	-8	-14	1.8
4. NW3	*	-8	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	184.	*	.5	*	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3	*	275.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	83.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	175.	*	.4	*	.0	.0	.0	.0	.0	.0	.1	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT AND PASEO PADRE AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	14	-450	14	-150	*	AG	1958	.8	.0	19.5
B. NA	*	14	-150	14	0	*	AG	1577	1.1	.0	27.0
C. ND	*	14	0	14	150	*	AG	2368	.9	.0	13.5
D. NE	*	14	150	14	450	*	AG	2368	.8	.0	19.5
E. SF	*	-14	450	-14	150	*	AG	2621	.8	.0	19.5
F. SA	*	-14	150	-14	0	*	AG	1477	1.1	.0	22.5
G. SD	*	-14	0	-14	-150	*	AG	2341	.9	.0	13.5
H. SE	*	-14	-150	-14	-450	*	AG	2341	.8	.0	19.5
I. WF	*	450	9	150	9	*	AG	1505	.8	.0	15.0
J. WA	*	150	9	0	9	*	AG	1278	1.3	.0	18.0
K. WD	*	0	9	-150	9	*	AG	1532	1.4	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	1532	.8	.0	15.0
M. EF	*	-450	-9	-150	-9	*	AG	1741	.8	.0	15.0
N. EA	*	-150	-9	0	-9	*	AG	1566	1.3	.0	18.0
O. ED	*	0	-9	150	-9	*	AG	1584	1.4	.0	9.9
P. EE	*	150	-9	450	-9	*	AG	1584	.8	.0	15.0
Q. NL	*	0	0	9	-150	*	AG	381	1.1	.0	9.9
R. SL	*	0	0	-9	150	*	AG	1144	1.2	.0	9.9
S. WL	*	0	0	150	7	*	AG	227	1.3	.0	9.9
T. EL	*	0	0	-150	-7	*	AG	175	1.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	23	17	1.8
2. SE3	*	23	-17	1.8
3. SW3	*	-23	-17	1.8
4. NW3	*	-23	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	264.	*	.7	*	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	351.	*	.6	*	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	84.	*	.7	*	.0	.0	.0	.0	.0	.0	.1	.0
4. NW3	*	173.	*	.6	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT AND PASEO PADRE AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	14	-450	14	-150	*	AG	2212	.8	.0	19.5
B. NA	*	14	-150	14	0	*	AG	1827	1.1	.0	27.0
C. ND	*	14	0	14	150	*	AG	2323	1.0	.0	13.5
D. NE	*	14	150	14	450	*	AG	2323	.8	.0	19.5
E. SF	*	-14	450	-14	150	*	AG	2383	.8	.0	19.5
F. SA	*	-14	150	-14	0	*	AG	1924	1.1	.0	22.5
G. SD	*	-14	0	-14	-150	*	AG	2519	1.0	.0	13.5
H. SE	*	-14	-150	-14	-450	*	AG	2519	.8	.0	19.5
I. WF	*	450	9	150	9	*	AG	1688	.8	.0	15.0
J. WA	*	150	9	0	9	*	AG	1591	1.3	.0	18.0
K. WD	*	0	9	-150	9	*	AG	1833	1.4	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	1833	.8	.0	15.0
M. EF	*	-450	-9	-150	-9	*	AG	1748	.8	.0	15.0
N. EA	*	-150	-9	0	-9	*	AG	1511	1.3	.0	18.0
O. ED	*	0	-9	150	-9	*	AG	1356	1.1	.0	9.9
P. EE	*	150	-9	450	-9	*	AG	1356	.8	.0	15.0
Q. NL	*	0	0	9	-150	*	AG	385	1.1	.0	9.9
R. SL	*	0	0	-9	150	*	AG	459	1.1	.0	9.9
S. WL	*	0	0	150	7	*	AG	97	1.2	.0	9.9
T. EL	*	0	0	-150	-7	*	AG	237	1.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	23	17	1.8
2. SE3	*	23	-17	1.8
3. SW3	*	-23	-17	1.8
4. NW3	*	-23	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM)				D	E	F	G	H
1. NE3	*	264.	*	.8	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	353.	*	.6	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	84.	*	.6	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
4. NW3	*	173.	*	.7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0

RECEPTOR	* *	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT AND PASEO PADRE PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	14	-450	14	-150	*	AG	1816	.8	.0	19.5
B. NA	*	14	-150	14	0	*	AG	1420	1.1	.0	27.0
C. ND	*	14	0	14	150	*	AG	2202	.9	.0	13.5
D. NE	*	14	150	14	450	*	AG	2202	.8	.0	19.5
E. SF	*	-14	450	-14	150	*	AG	2257	.8	.0	19.5
F. SA	*	-14	150	-14	0	*	AG	1324	1.1	.0	22.5
G. SD	*	-14	0	-14	-150	*	AG	2090	.9	.0	13.5
H. SE	*	-14	-150	-14	-450	*	AG	2090	.8	.0	19.5
I. WF	*	450	9	150	9	*	AG	1465	.8	.0	15.0
J. WA	*	150	9	0	9	*	AG	1381	1.3	.0	18.0
K. WD	*	0	9	-150	9	*	AG	1565	1.3	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	1565	.8	.0	15.0
M. EF	*	-450	-9	-150	-9	*	AG	1634	.8	.0	15.0
N. EA	*	-150	-9	0	-9	*	AG	1386	1.3	.0	18.0
O. ED	*	0	-9	150	-9	*	AG	1315	1.1	.0	9.9
P. EE	*	150	-9	450	-9	*	AG	1315	.8	.0	15.0
Q. NL	*	0	0	9	-150	*	AG	396	1.1	.0	9.9
R. SL	*	0	0	-9	150	*	AG	933	1.2	.0	9.9
S. WL	*	0	0	150	7	*	AG	84	1.2	.0	9.9
T. EL	*	0	0	-150	-7	*	AG	248	1.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	23	17	1.8
2. SE3	*	23	-17	1.8
3. SW3	*	-23	-17	1.8
4. NW3	*	-23	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	264.	*	.7	*	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	352.	*	.5	*	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	84.	*	.6	*	.0	.0	.0	.0	.0	.0	.1	.0
4. NW3	*	173.	*	.5	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT AND PASEO PADRE PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES Y1	(M) X2	* *	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	14	-450	14	-150	*	AG	2256	.8	.0	19.5	
B. NA	*	14	-150	14	0	*	AG	1840	1.1	.0	27.0	
C. ND	*	14	0	14	150	*	AG	2493	.9	.0	13.5	
D. NE	*	14	150	14	450	*	AG	2493	.8	.0	19.5	
E. SF	*	-14	450	-14	150	*	AG	2331	.8	.0	19.5	
F. SA	*	-14	150	-14	0	*	AG	1500	1.1	.0	22.5	
G. SD	*	-14	0	-14	-150	*	AG	1915	.9	.0	13.5	
H. SE	*	-14	-150	-14	-450	*	AG	1915	.8	.0	19.5	
I. WF	*	450	9	150	9	*	AG	1278	.8	.0	15.0	
J. WA	*	150	9	0	9	*	AG	1218	1.3	.0	18.0	
K. WD	*	0	9	-150	9	*	AG	1441	1.3	.0	9.9	
L. WE	*	-150	9	-450	9	*	AG	1441	.8	.0	15.0	
M. EF	*	-450	-9	-150	-9	*	AG	1678	.8	.0	15.0	
N. EA	*	-150	-9	0	-9	*	AG	1467	1.3	.0	18.0	
O. ED	*	0	-9	150	-9	*	AG	1694	1.4	.0	9.9	
P. EE	*	150	-9	450	-9	*	AG	1694	.8	.0	15.0	
Q. NL	*	0	0	9	-150	*	AG	416	1.1	.0	9.9	
R. SL	*	0	0	-9	150	*	AG	831	1.1	.0	9.9	
S. WL	*	0	0	150	7	*	AG	60	1.3	.0	9.9	
T. EL	*	0	0	-150	-7	*	AG	211	1.3	.0	9.9	

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES X	(M) Y	Z
1. NE3	*	23	17	1.8
2. SE3	*	23	-17	1.8
3. SW3	*	-23	-17	1.8
4. NW3	*	-23	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	264.	*	.6	*	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	353.	*	.6	*	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	84.	*	.7	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	172.	*	.5	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT AND SB RAMP AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	1894	.8	.0	19.5
B. NA	*	11	-150	11	0	*	AG	1786	1.1	.0	22.5
C. ND	*	11	0	11	150	*	AG	1535	.8	.0	13.5
D. NE	*	11	150	11	450	*	AG	1535	.8	.0	19.5
E. SF	*	-11	450	-11	150	*	AG	3069	.8	.0	19.5
F. SA	*	-11	150	-11	0	*	AG	691	1.0	.0	13.5
G. SD	*	-11	0	-11	-150	*	AG	1138	.8	.0	13.5
H. SE	*	-11	-150	-11	-450	*	AG	1138	.8	.0	19.5
I. WF	*	450	11	150	11	*	AG	1297	.8	.0	10.5
J. WA	*	150	11	0	11	*	AG	924	1.3	.0	18.0
K. WD	*	0	11	-150	11	*	AG	1101	1.5	.0	9.9
L. WE	*	-150	11	-450	11	*	AG	1101	.8	.0	10.5
M. EF	*	-450	-9	-150	-9	*	AG	960	.8	.0	15.0
N. EA	*	-150	-9	0	-9	*	AG	758	1.3	.0	18.0
O. ED	*	0	-9	150	-9	*	AG	3446	1.5	.0	9.9
P. EE	*	150	-9	450	-9	*	AG	3446	.8	.0	15.0
Q. NL	*	0	0	7	-150	*	AG	108	1.0	.0	9.9
R. SL	*	0	0	-7	150	*	AG	2378	1.2	.0	13.5
S. WL	*	0	0	150	11	*	AG	373	1.3	.0	9.9
T. EL	*	0	0	-150	-7	*	AG	202	1.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	21	17	1.8
2. SE3	*	21	-17	1.8
3. SW3	*	-21	-17	1.8
4. NW3	*	-21	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	266.	*	.6	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	349.	*	.8	*	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	*	84.	*	.8	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	101.	*	.7	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.0	.2	.0	.0	.1	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT AND SB RAMP AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES Y1	(M) X2	* *	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	1924	.8	.0	19.5	
B. NA	*	11	-150	11	0	*	AG	1816	1.0	.0	22.5	
C. ND	*	11	0	11	150	*	AG	1692	.8	.0	13.5	
D. NE	*	11	150	11	450	*	AG	1692	.8	.0	19.5	
E. SF	*	-11	450	-11	150	*	AG	3165	.8	.0	19.5	
F. SA	*	-11	150	-11	0	*	AG	957	1.0	.0	13.5	
G. SD	*	-11	0	-11	-150	*	AG	1719	.8	.0	13.5	
H. SE	*	-11	-150	-11	-450	*	AG	1719	.8	.0	19.5	
I. WF	*	450	11	150	11	*	AG	1176	.8	.0	10.5	
J. WA	*	150	11	0	11	*	AG	605	1.3	.0	18.0	
K. WD	*	0	11	-150	11	*	AG	707	1.5	.0	9.9	
L. WE	*	-150	11	-450	11	*	AG	707	.8	.0	10.5	
M. EF	*	-450	-9	-150	-9	*	AG	904	.8	.0	15.0	
N. EA	*	-150	-9	0	-9	*	AG	697	1.3	.0	18.0	
O. ED	*	0	-9	150	-9	*	AG	3051	1.5	.0	9.9	
P. EE	*	150	-9	450	-9	*	AG	3051	.8	.0	15.0	
Q. NL	*	0	0	7	-150	*	AG	108	1.0	.0	9.9	
R. SL	*	0	0	-7	150	*	AG	2208	1.1	.0	13.5	
S. WL	*	0	0	150	11	*	AG	571	1.4	.0	9.9	
T. EL	*	0	0	-150	-7	*	AG	207	1.3	.0	9.9	

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES X	(M) Y	Z
1. NE3	*	21	17	1.8
2. SE3	*	21	-17	1.8
3. SW3	*	-21	-17	1.8
4. NW3	*	-21	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	.5	*	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3	*	349.	*	.7	*	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	*	84.	*	.8	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	101.	*	.6	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	CONC/LINK (PPM) Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT AND SB RAMP PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	2155	.8	.0	19.5
B. NA	*	11	-150	11	0	*	AG	2051	1.1	.0	22.5
C. ND	*	11	0	11	150	*	AG	2535	.9	.0	13.5
D. NE	*	11	150	11	450	*	AG	2535	.8	.0	19.5
E. SF	*	-11	450	-11	150	*	AG	1798	.8	.0	19.5
F. SA	*	-11	150	-11	0	*	AG	638	1.0	.0	13.5
G. SD	*	-11	0	-11	-150	*	AG	1212	.8	.0	13.5
H. SE	*	-11	-150	-11	-450	*	AG	1212	.8	.0	19.5
I. WF	*	450	11	150	11	*	AG	1380	.8	.0	10.5
J. WA	*	150	11	0	11	*	AG	677	1.3	.0	18.0
K. WD	*	0	11	-150	11	*	AG	761	1.5	.0	9.9
L. WE	*	-150	11	-450	11	*	AG	761	.8	.0	10.5
M. EF	*	-450	-9	-150	-9	*	AG	661	.8	.0	15.0
N. EA	*	-150	-9	0	-9	*	AG	300	1.3	.0	18.0
O. ED	*	0	-9	150	-9	*	AG	1486	1.4	.0	9.9
P. EE	*	150	-9	450	-9	*	AG	1486	.8	.0	15.0
Q. NL	*	0	0	7	-150	*	AG	104	1.0	.0	9.9
R. SL	*	0	0	-7	150	*	AG	1160	1.1	.0	13.5
S. WL	*	0	0	150	11	*	AG	703	1.4	.0	9.9
T. EL	*	0	0	-150	-7	*	AG	361	1.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	21	17	1.8
2. SE3	*	21	-17	1.8
3. SW3	*	-21	-17	1.8
4. NW3	*	-21	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM)				D	E	F	G	H
1. NE3	*	266.	*	.5	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	353.	*	.6	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	84.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	98.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: FREMONT AND SB RAMP PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	11	-450	11	-150	AG	2187	.8	.0	19.5
B. NA	11	-150	11	0	AG	2066	1.1	.0	22.5
C. ND	11	0	11	150	AG	2546	.9	.0	13.5
D. NE	11	150	11	450	AG	2546	.8	.0	19.5
E. SF	-11	450	-11	150	AG	1714	.8	.0	19.5
F. SA	-11	150	-11	0	AG	569	1.0	.0	13.5
G. SD	-11	0	-11	-150	AG	1246	.8	.0	13.5
H. SE	-11	-150	-11	-450	AG	1246	.8	.0	19.5
I. WF	450	11	150	11	AG	1240	.8	.0	10.5
J. WA	150	11	0	11	AG	607	1.3	.0	18.0
K. WD	0	11	-150	11	AG	610	1.3	.0	9.9
L. WE	-150	11	-450	11	AG	610	.8	.0	10.5
M. EF	-450	-9	-150	-9	AG	627	.8	.0	15.0
N. EA	-150	-9	0	-9	AG	331	1.3	.0	18.0
O. ED	0	-9	150	-9	AG	1366	1.5	.0	9.9
P. EE	150	-9	450	-9	AG	1366	.8	.0	15.0
Q. NL	0	0	7	-150	AG	121	1.0	.0	9.9
R. SL	0	0	-7	150	AG	1145	1.1	.0	13.5
S. WL	0	0	150	11	AG	633	1.3	.0	9.9
T. EL	0	0	-150	-7	AG	296	1.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	21	17	1.8
2. SE3	21	-17	1.8
3. SW3	-21	-17	1.8
4. NW3	-21	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	184.	.5	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3	353.	.6	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	84.	.5	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	98.	.4	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND 7TH AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	2122	.8	.0	15.0
B. NA	7	-150	7	0	* AG	1673	1.1	.0	13.5
C. ND	7	0	7	150	* AG	1858	.9	.0	9.9
D. NE	7	150	7	450	* AG	1858	.8	.0	15.0
E. SF	-7	450	-7	150	* AG	2065	.8	.0	15.0
F. SA	-7	150	-7	0	* AG	1914	1.1	.0	13.5
G. SD	-7	0	-7	-150	* AG	2086	.9	.0	9.9
H. SE	-7	-150	-7	-450	* AG	2086	.8	.0	15.0
I. WF	450	2	150	2	* AG	516	.8	.0	10.5
J. WA	150	2	0	2	* AG	395	1.5	.0	9.9
K. WD	0	2	-150	2	* AG	770	1.5	.0	9.9
L. WE	-150	2	-450	2	* AG	770	.8	.0	10.5
M. EF	-450	-2	-150	-2	* AG	376	.8	.0	10.5
N. EA	-150	-2	0	-2	* AG	320	1.5	.0	9.9
O. ED	0	-2	150	-2	* AG	365	1.5	.0	9.9
P. EE	150	-2	450	-2	* AG	365	.8	.0	10.5
Q. NL	0	0	5	-150	* AG	449	1.0	.0	9.9
R. SL	0	0	-5	150	* AG	151	1.0	.0	9.9
S. WL	0	0	150	2	* AG	121	1.5	.0	9.9
T. EL	0	0	-150	-2	* AG	56	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	8	1.8
2. SE3	14	-8	1.8
3. SW3	-14	-8	1.8
4. NW3	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	185.	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	
2. SE3	352.	.5	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	
3. SW3	5.	.6	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	
4. NW3	172.	.5	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	

RECEPTOR	* I	* J	* K	* L	* M	CONC/LINK (PPM)							
						N	O	P	Q	R	S	T	
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND 7TH AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	1569	.8	.0	15.0
B. NA	*	7	-150	7	0	*	AG	835	1.1	.0	13.5
C. ND	*	7	0	7	150	*	AG	1755	1.0	.0	9.9
D. NE	*	7	150	7	450	*	AG	1755	.8	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	2366	.8	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	2305	1.3	.0	13.5
G. SD	*	-7	0	-7	-150	*	AG	2116	1.1	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	2116	.8	.0	15.0
I. WF	*	450	2	150	2	*	AG	511	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	426	1.3	.0	9.9
K. WD	*	0	2	-150	2	*	AG	2266	1.5	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	2266	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	1878	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	1091	1.5	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	187	.9	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	187	.8	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	734	1.2	.0	9.9
R. SL	*	0	0	-5	150	*	AG	61	1.1	.0	9.9
S. WL	*	0	0	150	2	*	AG	85	1.3	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	787	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	265.	*	1.1	*	.0	.0	.1	.0	.0	.1	.0	.0
2. SE3	*	275.	*	.9	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	5.	*	.9	*	.0	.0	.0	.0	.0	.4	.0	.0
4. NW3	*	264.	*	1.0	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.5	.0	.0	.2	.0	.0	.0	.0	.0	.2
2. SE3	*	.0	.0	.3	.0	.0	.3	.0	.0	.0	.0	.0	.2
3. SW3	*	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.7	.0	.0	.2	.0	.0	.0	.0	.0	.1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND 7TH PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	2018	.8	.0	15.0
B. NA	7	-150	7	0	* AG	1863	1.1	.0	13.5
C. ND	7	0	7	150	* AG	1838	.9	.0	9.9
D. NE	7	150	7	450	* AG	1838	.8	.0	15.0
E. SF	-7	450	-7	150	* AG	1423	.8	.0	15.0
F. SA	-7	150	-7	0	* AG	1184	1.0	.0	13.5
G. SD	-7	0	-7	-150	* AG	1646	.9	.0	9.9
H. SE	-7	-150	-7	-450	* AG	1646	.8	.0	15.0
I. WF	450	2	150	2	* AG	214	.8	.0	10.5
J. WA	150	2	0	2	* AG	129	1.4	.0	9.9
K. WD	0	2	-150	2	* AG	416	1.4	.0	9.9
L. WE	-150	2	-450	2	* AG	416	.8	.0	10.5
M. EF	-450	-2	-150	-2	* AG	775	.8	.0	10.5
N. EA	-150	-2	0	-2	* AG	757	1.5	.0	9.9
O. ED	0	-2	150	-2	* AG	530	1.5	.0	9.9
P. EE	150	-2	450	-2	* AG	530	.8	.0	10.5
Q. NL	0	0	5	-150	* AG	155	1.0	.0	9.9
R. SL	0	0	-5	150	* AG	239	1.0	.0	9.9
S. WL	0	0	150	2	* AG	85	1.4	.0	9.9
T. EL	0	0	-150	-2	* AG	18	1.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	8	1.8
2. SE3	14	-8	1.8
3. SW3	-14	-8	1.8
4. NW3	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	185.	.5	.0	.3	.0	.0	.0	.0	.0	.0
2. SE3	274.	.5	.0	.1	.0	.0	.0	.0	.0	.0
3. SW3	85.	.4	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	172.	.5	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND 7TH PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	2243	.8	.0	15.0
B. NA	*	7	-150	7	0	*	AG	1479	1.1	.0	13.5
C. ND	*	7	0	7	150	*	AG	2236	1.0	.0	9.9
D. NE	*	7	150	7	450	*	AG	2236	.8	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	1792	.8	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	1684	1.1	.0	13.5
G. SD	*	-7	0	-7	-150	*	AG	1540	.9	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	1540	.8	.0	15.0
I. WF	*	450	2	150	2	*	AG	242	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	188	1.3	.0	9.9
K. WD	*	0	2	-150	2	*	AG	1948	1.5	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	1948	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	1982	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	1258	1.5	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	535	1.0	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	535	.8	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	764	1.3	.0	9.9
R. SL	*	0	0	-5	150	*	AG	108	1.1	.0	9.9
S. WL	*	0	0	150	2	*	AG	54	1.3	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	724	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	265.	*	1.0	*	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	275.	*	1.0	*	.0	.1	.0	.0	.0	.0	.0	.0
3. SW3	*	276.	*	.9	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	264.	*	.9	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0	.0	.1
2. SE3	*	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.2
3. SW3	*	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0	.0	.2
4. NW3	*	.0	.0	.6	.0	.0	.2	.0	.0	.0	.0	.0	.1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND NILES CANYON AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	2499	.8	.0	19.5
B. NA	*	11	-150	11	0	*	AG	1804	1.2	.0	22.5
C. ND	*	11	0	11	150	*	AG	2246	.9	.0	13.5
D. NE	*	11	150	11	450	*	AG	2246	.8	.0	19.5
E. SF	*	-11	450	-11	150	*	AG	2092	.8	.0	19.5
F. SA	*	-11	150	-11	0	*	AG	1173	1.1	.0	22.5
G. SD	*	-11	0	-11	-150	*	AG	3311	1.2	.0	13.5
H. SE	*	-11	-150	-11	-450	*	AG	3311	.8	.0	19.5
I. WF	*	450	7	150	7	*	AG	2394	.8	.0	10.5
J. WA	*	150	7	0	7	*	AG	821	1.3	.0	13.5
K. WD	*	0	7	-150	7	*	AG	876	1.4	.0	9.9
L. WE	*	-150	7	-450	7	*	AG	876	.8	.0	10.5
M. EF	*	-450	-7	-150	-7	*	AG	1202	.8	.0	10.5
N. EA	*	-150	-7	0	-7	*	AG	1131	1.5	.0	9.9
O. ED	*	0	-7	150	-7	*	AG	1754	1.5	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	1754	.8	.0	10.5
Q. NL	*	0	0	7	-150	*	AG	695	1.3	.0	9.9
R. SL	*	0	0	-7	150	*	AG	919	1.2	.0	9.9
S. WL	*	0	0	150	7	*	AG	1573	1.5	.0	9.9
T. EL	*	0	0	-150	-7	*	AG	71	1.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	21	12	1.8
2. SE3	*	21	-12	1.8
3. SW3	*	-21	-12	1.8
4. NW3	*	-21	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	186.	*	.7	*	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3	*	275.	*	.8	*	.0	.1	.0	.0	.0	.0	.1	.0
3. SW3	*	83.	*	1.0	*	.0	.0	.0	.0	.0	.0	.2	.0
4. NW3	*	171.	*	.7	*	.0	.0	.0	.0	.0	.0	.4	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
2. SE3	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.2	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND NILES CANYON AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	1595	.8	.0	19.5
B. NA	*	11	-150	11	0	*	AG	1136	1.1	.0	22.5
C. ND	*	11	0	11	150	*	AG	2238	.9	.0	13.5
D. NE	*	11	150	11	450	*	AG	2238	.8	.0	19.5
E. SF	*	-11	450	-11	150	*	AG	2235	.8	.0	19.5
F. SA	*	-11	150	-11	0	*	AG	1679	1.1	.0	22.5
G. SD	*	-11	0	-11	-150	*	AG	2490	1.0	.0	13.5
H. SE	*	-11	-150	-11	-450	*	AG	2490	.8	.0	19.5
I. WF	*	450	7	150	7	*	AG	2064	.8	.0	10.5
J. WA	*	150	7	0	7	*	AG	1477	1.3	.0	13.5
K. WD	*	0	7	-150	7	*	AG	676	1.1	.0	9.9
L. WE	*	-150	7	-450	7	*	AG	676	.8	.0	10.5
M. EF	*	-450	-7	-150	-7	*	AG	1027	.8	.0	10.5
N. EA	*	-150	-7	0	-7	*	AG	956	1.5	.0	9.9
O. ED	*	0	-7	150	-7	*	AG	1517	1.4	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	1517	.8	.0	10.5
Q. NL	*	0	0	7	-150	*	AG	459	1.2	.0	9.9
R. SL	*	0	0	-7	150	*	AG	556	1.1	.0	9.9
S. WL	*	0	0	150	7	*	AG	587	1.2	.0	9.9
T. EL	*	0	0	-150	-7	*	AG	71	1.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	21	12	1.8
2. SE3	*	21	-12	1.8
3. SW3	*	-21	-12	1.8
4. NW3	*	-21	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	265.	*	.6	*	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	351.	*	.6	*	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	84.	*	.8	*	.0	.0	.0	.0	.0	.0	.1	.0
4. NW3	*	95.	*	.7	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
4. NW3	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND NILES CANYON PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	11	-450	11	-150	* AG	2911	.8	.0	19.5
B. NA	11	-150	11	0	* AG	2635	1.1	.0	22.5
C. ND	11	0	11	150	* AG	2085	.9	.0	13.5
D. NE	11	150	11	450	* AG	2085	.8	.0	19.5
E. SF	-11	450	-11	150	* AG	1472	.8	.0	19.5
F. SA	-11	150	-11	0	* AG	1198	1.1	.0	22.5
G. SD	-11	0	-11	-150	* AG	2676	1.0	.0	13.5
H. SE	-11	-150	-11	-450	* AG	2676	.8	.0	19.5
I. WF	450	7	150	7	* AG	1745	.8	.0	10.5
J. WA	150	7	0	7	* AG	1101	1.3	.0	13.5
K. WD	0	7	-150	7	* AG	887	1.5	.0	9.9
L. WE	-150	7	-450	7	* AG	887	.8	.0	10.5
M. EF	-450	-7	-150	-7	* AG	1086	.8	.0	10.5
N. EA	-150	-7	0	-7	* AG	1023	1.5	.0	9.9
O. ED	0	-7	150	-7	* AG	1566	1.5	.0	9.9
P. EE	150	-7	450	-7	* AG	1566	.8	.0	10.5
Q. NL	0	0	7	-150	* AG	276	1.1	.0	9.9
R. SL	0	0	-7	150	* AG	274	1.1	.0	9.9
S. WL	0	0	150	7	* AG	644	1.3	.0	9.9
T. EL	0	0	-150	-7	* AG	63	1.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	21	12	1.8
2. SE3	21	-12	1.8
3. SW3	-21	-12	1.8
4. NW3	-21	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	185.	.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	276.	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	84.	.8	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
4. NW3	172.	.6	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND NILES CANYON PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	2666	.8	.0	19.5
B. NA	*	11	-150	11	0	*	AG	2045	1.1	.0	22.5
C. ND	*	11	0	11	150	*	AG	2351	.9	.0	13.5
D. NE	*	11	150	11	450	*	AG	2351	.8	.0	19.5
E. SF	*	-11	450	-11	150	*	AG	1470	.8	.0	19.5
F. SA	*	-11	150	-11	0	*	AG	697	1.1	.0	22.5
G. SD	*	-11	0	-11	-150	*	AG	1925	.9	.0	13.5
H. SE	*	-11	-150	-11	-450	*	AG	1925	.8	.0	19.5
I. WF	*	450	7	150	7	*	AG	1861	.8	.0	10.5
J. WA	*	150	7	0	7	*	AG	1372	1.4	.0	13.5
K. WD	*	0	7	-150	7	*	AG	1137	1.5	.0	9.9
L. WE	*	-150	7	-450	7	*	AG	1137	.8	.0	10.5
M. EF	*	-450	-7	-150	-7	*	AG	1000	.8	.0	10.5
N. EA	*	-150	-7	0	-7	*	AG	954	1.5	.0	9.9
O. ED	*	0	-7	150	-7	*	AG	1584	1.5	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	1584	.8	.0	10.5
Q. NL	*	0	0	7	-150	*	AG	621	1.2	.0	9.9
R. SL	*	0	0	-7	150	*	AG	773	1.1	.0	9.9
S. WL	*	0	0	150	7	*	AG	489	1.3	.0	9.9
T. EL	*	0	0	-150	-7	*	AG	46	1.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	21	12	1.8
2. SE3	*	21	-12	1.8
3. SW3	*	-21	-12	1.8
4. NW3	*	-21	12	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	266.	*	.7	*	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	276.	*	.7	*	.0	.1	.0	.0	.0	.0	.0	.0
3. SW3	*	84.	*	.8	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	95.	*	.7	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
4. NW3	*	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND NURSERY AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	Y2	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	5	-450	5	-150	*	AG	2163	.8	.0	15.0	
B. NA	*	5	-150	5	0	*	AG	1854	1.3	.0	9.9	
C. ND	*	5	0	5	150	*	AG	2143	.9	.0	9.9	
D. NE	*	5	150	5	450	*	AG	2143	.8	.0	15.0	
E. SF	*	-5	450	-5	150	*	AG	2032	.8	.0	15.0	
F. SA	*	-5	150	-5	0	*	AG	2030	1.3	.0	9.9	
G. SD	*	-5	0	-5	-150	*	AG	2074	.9	.0	9.9	
H. SE	*	-5	-150	-5	-450	*	AG	2074	.8	.0	15.0	
I. WF	*	450	2	150	2	*	AG	124	.8	.0	10.5	
J. WA	*	150	2	0	2	*	AG	75	1.5	.0	9.9	
K. WD	*	0	2	-150	2	*	AG	657	1.5	.0	9.9	
L. WE	*	-150	2	-450	2	*	AG	657	.8	.0	10.5	
M. EF	*	-450	-2	-150	-2	*	AG	596	.8	.0	10.5	
N. EA	*	-150	-2	0	-2	*	AG	322	1.5	.0	9.9	
O. ED	*	0	-2	150	-2	*	AG	41	1.2	.0	9.9	
P. EE	*	150	-2	450	-2	*	AG	41	.8	.0	10.5	
Q. NL	*	0	0	2	-150	*	AG	309	1.0	.0	9.9	
R. SL	*	0	0	-2	150	*	AG	2	1.0	.0	9.9	
S. WL	*	0	0	150	2	*	AG	49	1.5	.0	9.9	
T. EL	*	0	0	-150	-2	*	AG	274	1.5	.0	9.9	

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	12	8	1.8
2. SE3	*	12	-8	1.8
3. SW3	*	-12	-8	1.8
4. NW3	*	-12	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	265.	*	.6	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	275.	*	.5	.0	.1	.0	.0	.0	.0	.0	.0
3. SW3	*	6.	*	.6	.0	.0	.0	.0	.0	.3	.0	.0
4. NW3	*	173.	*	.6	.0	.1	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND NURSERY AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES Y1	(M) X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	5	-450	5	-150	*	AG	1513	.8	.0	15.0
B. NA	*	5	-150	5	0	*	AG	1093	1.1	.0	9.9
C. ND	*	5	0	5	150	*	AG	1554	.9	.0	9.9
D. NE	*	5	150	5	450	*	AG	1554	.8	.0	15.0
E. SF	*	-5	450	-5	150	*	AG	2163	.8	.0	15.0
F. SA	*	-5	150	-5	0	*	AG	2160	1.3	.0	9.9
G. SD	*	-5	0	-5	-150	*	AG	2303	.9	.0	9.9
H. SE	*	-5	-150	-5	-450	*	AG	2303	.8	.0	15.0
I. WF	*	450	2	150	2	*	AG	152	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	103	1.4	.0	9.9
K. WD	*	0	2	-150	2	*	AG	617	1.5	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	617	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	687	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	272	1.5	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	41	1.0	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	41	.8	.0	10.5
Q. NL	*	0	0	2	-150	*	AG	420	1.0	.0	9.9
R. SL	*	0	0	-2	150	*	AG	3	1.0	.0	9.9
S. WL	*	0	0	150	2	*	AG	49	1.4	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	415	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES X	(M) Y	Z
1. NE3	*	12	8	1.8
2. SE3	*	12	-8	1.8
3. SW3	*	-12	-8	1.8
4. NW3	*	-12	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	265.	*	.5	*	.0	.0	.0	.0	.0	.1	.0	.0
2. SE3	*	275.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	6.	*	.6	*	.0	.0	.0	.0	.0	.3	.0	.0
4. NW3	*	174.	*	.5	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	CONC/LINK (PPM) Q	R	S	T
1. NE3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND NURSERY PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	5	-450	5	-150	* AG	1882	.8	.0	15.0
B. NA	5	-150	5	0	* AG	1580	1.2	.0	9.9
C. ND	5	0	5	150	* AG	2060	.9	.0	9.9
D. NE	5	150	5	450	* AG	2060	.8	.0	15.0
E. SF	-5	450	-5	150	* AG	1300	.8	.0	15.0
F. SA	-5	150	-5	0	* AG	1273	1.1	.0	9.9
G. SD	-5	0	-5	-150	* AG	1402	.9	.0	9.9
H. SE	-5	-150	-5	-450	* AG	1402	.8	.0	15.0
I. WF	450	2	150	2	* AG	34	.8	.0	10.5
J. WA	150	2	0	2	* AG	15	1.4	.0	9.9
K. WD	0	2	-150	2	* AG	538	1.5	.0	9.9
L. WE	-150	2	-450	2	* AG	538	.8	.0	10.5
M. EF	-450	-2	-150	-2	* AG	865	.8	.0	10.5
N. EA	-150	-2	0	-2	* AG	350	1.5	.0	9.9
O. ED	0	-2	150	-2	* AG	81	1.0	.0	9.9
P. EE	150	-2	450	-2	* AG	81	.8	.0	10.5
Q. NL	0	0	2	-150	* AG	302	1.0	.0	9.9
R. SL	0	0	-2	150	* AG	27	1.0	.0	9.9
S. WL	0	0	150	2	* AG	19	1.4	.0	9.9
T. EL	0	0	-150	-2	* AG	515	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	12	8	1.8
2. SE3	12	-8	1.8
3. SW3	-12	-8	1.8
4. NW3	-12	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	265.	.5	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	275.	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	6.	.5	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
4. NW3	174.	.5	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1
2. SE3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: MISSION AND NURSERY PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	5	-450	5	-150	*	AG	2487	.8	.0	15.0
B. NA	*	5	-150	5	0	*	AG	2114	1.3	.0	9.9
C. ND	*	5	0	5	150	*	AG	2220	.9	.0	9.9
D. NE	*	5	150	5	450	*	AG	2220	.8	.0	15.0
E. SF	*	-5	450	-5	150	*	AG	1384	.8	.0	15.0
F. SA	*	-5	150	-5	0	*	AG	1342	1.1	.0	9.9
G. SD	*	-5	0	-5	-150	*	AG	1476	.9	.0	9.9
H. SE	*	-5	-150	-5	-450	*	AG	1476	.8	.0	15.0
I. WF	*	450	2	150	2	*	AG	33	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	15	1.5	.0	9.9
K. WD	*	0	2	-150	2	*	AG	830	1.5	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	830	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	704	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	584	1.5	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	82	1.1	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	82	.8	.0	10.5
Q. NL	*	0	0	2	-150	*	AG	373	1.0	.0	9.9
R. SL	*	0	0	-2	150	*	AG	42	1.0	.0	9.9
S. WL	*	0	0	150	2	*	AG	18	1.5	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	120	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	12	8	1.8
2. SE3	*	12	-8	1.8
3. SW3	*	-12	-8	1.8
4. NW3	*	-12	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	266.	*	.6	*	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	275.	*	.6	*	.0	.2	.0	.0	.0	.0	.0	.0
3. SW3	*	6.	*	.5	*	.0	.0	.0	.0	.0	.2	.0	.0
4. NW3	*	173.	*	.5	*	.0	.1	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: NEW ROAD AND ALVARADO AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	11	-450	11	-150	* AG	900	.8	.0	15.0
B. NA	11	-150	11	0	* AG	360	1.3	.0	22.5
C. ND	11	0	11	150	* AG	1120	1.2	.0	9.9
D. NE	11	150	11	450	* AG	1120	.8	.0	15.0
E. SF	-11	450	-11	150	* AG	1439	.8	.0	15.0
F. SA	-11	150	-11	0	* AG	1058	1.3	.0	22.5
G. SD	-11	0	-11	-150	* AG	853	1.0	.0	9.9
H. SE	-11	-150	-11	-450	* AG	853	.8	.0	15.0
I. WF	450	11	150	11	* AG	2289	.8	.0	15.0
J. WA	150	11	0	11	* AG	1914	1.1	.0	22.5
K. WD	0	11	-150	11	* AG	2735	1.0	.0	9.9
L. WE	-150	11	-450	11	* AG	2735	.8	.0	15.0
M. EF	-450	-11	-150	-11	* AG	1993	.8	.0	15.0
N. EA	-150	-11	0	-11	* AG	1627	1.1	.0	22.5
O. ED	0	-11	150	-11	* AG	1913	1.0	.0	9.9
P. EE	150	-11	450	-11	* AG	1913	.8	.0	15.0
Q. NL	0	0	9	-150	* AG	540	1.3	.0	9.9
R. SL	0	0	-9	150	* AG	381	1.3	.0	9.9
S. WL	0	0	150	9	* AG	375	1.1	.0	9.9
T. EL	0	0	-150	-9	* AG	366	1.1	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	19	19	1.8
2. SE3	19	-19	1.8
3. SW3	-19	-19	1.8
4. NW3	-19	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	264.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	353.	.5	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	83.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	115.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: NEW ROAD AND ALVARADO PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	11	-450	11	-150	* AG	1013	.8	.0	15.0
B. NA	11	-150	11	0	* AG	736	1.3	.0	22.5
C. ND	11	0	11	150	* AG	1126	1.1	.0	9.9
D. NE	11	150	11	450	* AG	1126	.8	.0	15.0
E. SF	-11	450	-11	150	* AG	1582	.8	.0	15.0
F. SA	-11	150	-11	0	* AG	1002	1.3	.0	22.5
G. SD	-11	0	-11	-150	* AG	1107	1.1	.0	9.9
H. SE	-11	-150	-11	-450	* AG	1107	.8	.0	15.0
I. WF	450	11	150	11	* AG	2161	.8	.0	15.0
J. WA	150	11	0	11	* AG	1967	1.1	.0	22.5
K. WD	0	11	-150	11	* AG	2515	1.1	.0	9.9
L. WE	-150	11	-450	11	* AG	2515	.8	.0	15.0
M. EF	-450	-11	-150	-11	* AG	2160	.8	.0	15.0
N. EA	-150	-11	0	-11	* AG	1645	1.1	.0	22.5
O. ED	0	-11	150	-11	* AG	2168	1.1	.0	9.9
P. EE	150	-11	450	-11	* AG	2168	.8	.0	15.0
Q. NL	0	0	9	-150	* AG	277	1.3	.0	9.9
R. SL	0	0	-9	150	* AG	580	1.3	.0	9.9
S. WL	0	0	150	9	* AG	194	1.1	.0	9.9
T. EL	0	0	-150	-9	* AG	515	1.1	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	19	19	1.8
2. SE3	19	-19	1.8
3. SW3	-19	-19	1.8
4. NW3	-19	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	264.	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	352.	.5	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	84.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	174.	.5	.0	.0	.0	.0	.0	.0	.0	.2	.0			

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
4. NW3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: NEW ROAD AND OSPREY AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	* AG	520	.8	.0	10.5
B. NA	*	2	-150	2	0	* AG	477	1.5	.0	9.9
C. ND	*	2	0	2	150	* AG	416	1.4	.0	9.9
D. NE	*	2	150	2	450	* AG	416	.8	.0	10.5
E. SF	*	-2	450	-2	150	* AG	716	.8	.0	10.5
F. SA	*	-2	150	-2	0	* AG	652	1.5	.0	9.9
G. SD	*	-2	0	-2	-150	* AG	721	1.5	.0	9.9
H. SE	*	-2	-150	-2	-450	* AG	721	.8	.0	10.5
I. WF	*	450	7	150	7	* AG	2734	.8	.0	15.0
J. WA	*	150	7	0	7	* AG	2432	1.2	.0	13.5
K. WD	*	0	7	-150	7	* AG	2661	.9	.0	9.9
L. WE	*	-150	7	-450	7	* AG	2661	.8	.0	15.0
M. EF	*	-450	-7	-150	-7	* AG	1822	.8	.0	15.0
N. EA	*	-150	-7	0	-7	* AG	1546	1.1	.0	13.5
O. ED	*	0	-7	150	-7	* AG	1994	.9	.0	9.9
P. EE	*	150	-7	450	-7	* AG	1994	.8	.0	15.0
Q. NL	*	0	0	2	-150	* AG	43	1.4	.0	9.9
R. SL	*	0	0	-2	150	* AG	64	1.4	.0	9.9
S. WL	*	0	0	150	5	* AG	302	1.0	.0	9.9
T. EL	*	0	0	-150	-5	* AG	276	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	14	1.8
2. SE3	*	8	-14	1.8
3. SW3	*	-8	-14	1.8
4. NW3	*	-8	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	262.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	275.	*	.6	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	81.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	95.	*	.7	*	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: NEW ROAD AND OSPREY PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	2	-450	2	-150	* AG	602	.8	.0	10.5
B. NA	2	-150	2	0	* AG	601	1.5	.0	9.9
C. ND	2	0	2	150	* AG	770	1.5	.0	9.9
D. NE	2	150	2	450	* AG	770	.8	.0	10.5
E. SF	-2	450	-2	150	* AG	475	.8	.0	10.5
F. SA	-2	150	-2	0	* AG	400	1.5	.0	9.9
G. SD	-2	0	-2	-150	* AG	473	1.5	.0	9.9
H. SE	-2	-150	-2	-450	* AG	473	.8	.0	10.5
I. WF	450	7	150	7	* AG	2515	.8	.0	15.0
J. WA	150	7	0	7	* AG	2327	1.2	.0	13.5
K. WD	0	7	-150	7	* AG	2365	.9	.0	9.9
L. WE	-150	7	-450	7	* AG	2365	.8	.0	15.0
M. EF	-450	-7	-150	-7	* AG	2175	.8	.0	15.0
N. EA	-150	-7	0	-7	* AG	1983	1.1	.0	13.5
O. ED	0	-7	150	-7	* AG	2159	.9	.0	9.9
P. EE	150	-7	450	-7	* AG	2159	.8	.0	15.0
Q. NL	0	0	2	-150	* AG	1	1.4	.0	9.9
R. SL	0	0	-2	150	* AG	75	1.4	.0	9.9
S. WL	0	0	150	5	* AG	188	1.0	.0	9.9
T. EL	0	0	-150	-5	* AG	192	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	8	14	1.8
2. SE3	8	-14	1.8
3. SW3	-8	-14	1.8
4. NW3	-8	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. NE3	262.	.6	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	275.	.6	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	81.	.5	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	95.	.7	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
3. SW3	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND ISHERWOOD AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	1395	.8	.0	15.0
B. NA	*	7	-150	7	0	*	AG	1360	1.1	.0	13.5
C. ND	*	7	0	7	150	*	AG	1086	.8	.0	9.9
D. NE	*	7	150	7	450	*	AG	1086	.8	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	1829	.8	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	1704	1.1	.0	13.5
G. SD	*	-7	0	-7	-150	*	AG	2113	.9	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	2113	.8	.0	15.0
I. WF	*	450	2	150	2	*	AG	711	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	418	1.5	.0	9.9
K. WD	*	0	2	-150	2	*	AG	447	1.1	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	447	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	492	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	422	1.5	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	781	1.5	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	781	.8	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	35	1.0	.0	9.9
R. SL	*	0	0	-5	150	*	AG	125	1.0	.0	9.9
S. WL	*	0	0	150	2	*	AG	293	1.4	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	70	1.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	.5	*	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3	*	352.	*	.4	*	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	*	85.	*	.6	*	.0	.0	.0	.0	.0	.0	.1	.0
4. NW3	*	95.	*	.5	*	.0	.0	.0	.0	.0	.1	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND ISHERWOOD AM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	1802	.8	.0	15.0
B. NA	*	7	-150	7	0	*	AG	1770	1.1	.0	13.5
C. ND	*	7	0	7	150	*	AG	1627	.9	.0	9.9
D. NE	*	7	150	7	450	*	AG	1627	.8	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	1881	.8	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	1824	1.1	.0	13.5
G. SD	*	-7	0	-7	-150	*	AG	2181	.9	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	2181	.8	.0	15.0
I. WF	*	450	2	150	2	*	AG	629	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	124	1.4	.0	9.9
K. WD	*	0	2	-150	2	*	AG	486	1.5	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	486	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	436	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	316	1.5	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	454	1.5	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	454	.8	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	32	1.0	.0	9.9
R. SL	*	0	0	-5	150	*	AG	57	1.0	.0	9.9
S. WL	*	0	0	150	2	*	AG	505	1.5	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	120	1.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	.5	*	.0	.3	.0	.0	.0	.0	.0	.0
2. SE3	*	352.	*	.4	*	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	5.	*	.5	*	.0	.0	.0	.0	.0	.3	.0	.0
4. NW3	*	172.	*	.5	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND ISHERWOOD PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	1707	.8	.0	15.0
B. NA	7	-150	7	0	* AG	1328	1.1	.0	13.5
C. ND	7	0	7	150	* AG	1532	.9	.0	9.9
D. NE	7	150	7	450	* AG	1532	.8	.0	15.0
E. SF	-7	450	-7	150	* AG	1454	.8	.0	15.0
F. SA	-7	150	-7	0	* AG	1284	1.1	.0	13.5
G. SD	-7	0	-7	-150	* AG	1790	.9	.0	9.9
H. SE	-7	-150	-7	-450	* AG	1790	.8	.0	15.0
I. WF	450	2	150	2	* AG	772	.8	.0	10.5
J. WA	150	2	0	2	* AG	235	1.3	.0	9.9
K. WD	0	2	-150	2	* AG	546	1.2	.0	9.9
L. WE	-150	2	-450	2	* AG	546	.8	.0	10.5
M. EF	-450	-2	-150	-2	* AG	704	.8	.0	10.5
N. EA	-150	-2	0	-2	* AG	59	1.3	.0	9.9
O. ED	0	-2	150	-2	* AG	769	1.5	.0	9.9
P. EE	150	-2	450	-2	* AG	769	.8	.0	10.5
Q. NL	0	0	5	-150	* AG	379	1.1	.0	9.9
R. SL	0	0	-5	150	* AG	170	1.0	.0	9.9
S. WL	0	0	150	2	* AG	537	1.5	.0	9.9
T. EL	0	0	-150	-2	* AG	645	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	8	1.8
2. SE3	14	-8	1.8
3. SW3	-14	-8	1.8
4. NW3	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	185.	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	276.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	85.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	95.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
3. SW3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0
4. NW3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND ISHERWOOD PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	1653	.8	.0	15.0
B. NA	*	7	-150	7	0	*	AG	1319	1.0	.0	13.5
C. ND	*	7	0	7	150	*	AG	1540	.9	.0	9.9
D. NE	*	7	150	7	450	*	AG	1540	.8	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	1605	.8	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	1481	1.1	.0	13.5
G. SD	*	-7	0	-7	-150	*	AG	1828	.9	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	1828	.8	.0	15.0
I. WF	*	450	2	150	2	*	AG	554	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	156	1.3	.0	9.9
K. WD	*	0	2	-150	2	*	AG	502	1.3	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	502	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	672	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	59	1.3	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	614	1.5	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	614	.8	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	334	1.0	.0	9.9
R. SL	*	0	0	-5	150	*	AG	124	1.0	.0	9.9
S. WL	*	0	0	150	2	*	AG	398	1.5	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	613	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	185.	*	.5	*	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3	*	276.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	5.	*	.5	*	.0	.0	.0	.0	.0	.2	.0	.0
4. NW3	*	172.	*	.5	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND PERALTA AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9	-450	9	-150	*	AG	1383	.8	.0	15.0
B. NA	*	9	-150	9	0	*	AG	1054	1.1	.0	13.5
C. ND	*	9	0	9	150	*	AG	1496	.9	.0	9.9
D. NE	*	9	150	9	450	*	AG	1496	.8	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	2588	.8	.0	15.0
F. SA	*	-9	150	-9	0	*	AG	1800	1.2	.0	18.0
G. SD	*	-9	0	-9	-150	*	AG	2386	1.1	.0	9.9
H. SE	*	-9	-150	-9	-450	*	AG	2386	.8	.0	15.0
I. WF	*	450	9	150	9	*	AG	1633	.8	.0	15.0
J. WA	*	150	9	0	9	*	AG	1306	1.3	.0	18.0
K. WD	*	0	9	-150	9	*	AG	1259	1.0	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	1259	.8	.0	15.0
M. EF	*	-450	-9	-150	-9	*	AG	1297	.8	.0	15.0
N. EA	*	-150	-9	0	-9	*	AG	1196	1.3	.0	13.5
O. ED	*	0	-9	150	-9	*	AG	1760	1.4	.0	9.9
P. EE	*	150	-9	450	-9	*	AG	1760	.8	.0	15.0
Q. NL	*	0	0	7	-150	*	AG	329	1.1	.0	9.9
R. SL	*	0	0	-7	150	*	AG	788	1.4	.0	9.9
S. WL	*	0	0	150	7	*	AG	327	1.3	.0	9.9
T. EL	*	0	0	-150	-7	*	AG	101	1.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	17	17	1.8
2. SE3	*	17	-17	1.8
3. SW3	*	-17	-17	1.8
4. NW3	*	-17	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	264.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	350.	*	.6	*	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	82.	*	.7	*	.0	.0	.0	.0	.0	.0	.2	.0
4. NW3	*	174.	*	.6	*	.0	.0	.0	.0	.0	.1	.3	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND PERALTA AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	1743	.8	.0	15.0
B. NA	9	-150	9	0	* AG	1378	1.1	.0	13.5
C. ND	9	0	9	150	* AG	1928	1.0	.0	9.9
D. NE	9	150	9	450	* AG	1928	.8	.0	15.0
E. SF	-9	450	-9	150	* AG	2941	.8	.0	15.0
F. SA	-9	150	-9	0	* AG	2029	1.1	.0	18.0
G. SD	-9	0	-9	-150	* AG	2163	1.0	.0	9.9
H. SE	-9	-150	-9	-450	* AG	2163	.8	.0	15.0
I. WF	450	9	150	9	* AG	1246	.8	.0	15.0
J. WA	150	9	0	9	* AG	1130	1.3	.0	18.0
K. WD	0	9	-150	9	* AG	1265	1.2	.0	9.9
L. WE	-150	9	-450	9	* AG	1265	.8	.0	15.0
M. EF	-450	-9	-150	-9	* AG	1277	.8	.0	15.0
N. EA	-150	-9	0	-9	* AG	1159	1.4	.0	13.5
O. ED	0	-9	150	-9	* AG	1851	1.5	.0	9.9
P. EE	150	-9	450	-9	* AG	1851	.8	.0	15.0
Q. NL	0	0	7	-150	* AG	365	1.1	.0	9.9
R. SL	0	0	-7	150	* AG	912	1.3	.0	9.9
S. WL	0	0	150	7	* AG	116	1.3	.0	9.9
T. EL	0	0	-150	-7	* AG	118	1.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	17	17	1.8
2. SE3	17	-17	1.8
3. SW3	-17	-17	1.8
4. NW3	-17	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	264.	.6	.0	.0	.1	.0	.0	.0	.0	.0			
2. SE3	351.	.7	.0	.0	.2	.0	.0	.0	.0	.0			
3. SW3	83.	.7	.0	.0	.0	.0	.0	.0	.1	.0			
4. NW3	174.	.6	.0	.0	.0	.0	.0	.1	.2	.0			

RECEPTOR	* I	* J	* K	* L	* M	CONC/LINK (PPM)							
						N	O	P	Q	R	S	T	
1. NE3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2. SE3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	
3. SW3	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND PERALTA PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	2640	.8	.0	15.0
B. NA	9	-150	9	0	* AG	2485	1.3	.0	13.5
C. ND	9	0	9	150	* AG	3324	1.1	.0	9.9
D. NE	9	150	9	450	* AG	3324	.8	.0	15.0
E. SF	-9	450	-9	150	* AG	2175	.8	.0	15.0
F. SA	-9	150	-9	0	* AG	1758	1.1	.0	18.0
G. SD	-9	0	-9	-150	* AG	1883	1.0	.0	9.9
H. SE	-9	-150	-9	-450	* AG	1883	.8	.0	15.0
I. WF	450	9	150	9	* AG	1326	.8	.0	15.0
J. WA	150	9	0	9	* AG	1254	1.3	.0	18.0
K. WD	0	9	-150	9	* AG	1065	1.0	.0	9.9
L. WE	-150	9	-450	9	* AG	1065	.8	.0	15.0
M. EF	-450	-9	-150	-9	* AG	1624	.8	.0	15.0
N. EA	-150	-9	0	-9	* AG	1268	1.3	.0	13.5
O. ED	0	-9	150	-9	* AG	1493	1.3	.0	9.9
P. EE	150	-9	450	-9	* AG	1493	.8	.0	15.0
Q. NL	0	0	7	-150	* AG	155	1.1	.0	9.9
R. SL	0	0	-7	150	* AG	417	1.1	.0	9.9
S. WL	0	0	150	7	* AG	72	1.3	.0	9.9
T. EL	0	0	-150	-7	* AG	356	1.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	17	17	1.8
2. SE3	17	-17	1.8
3. SW3	-17	-17	1.8
4. NW3	-17	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	185.	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	352.	.9	.0	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	82.	.6	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
4. NW3	172.	.6	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND PERALTA PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	9	-450	9	-150	* AG	2553	.8	.0	15.0
B. NA	9	-150	9	0	* AG	2398	1.2	.0	13.5
C. ND	9	0	9	150	* AG	3175	.9	.0	9.9
D. NE	9	150	9	450	* AG	3175	.8	.0	15.0
E. SF	-9	450	-9	150	* AG	2159	.8	.0	15.0
F. SA	-9	150	-9	0	* AG	1637	1.1	.0	18.0
G. SD	-9	0	-9	-150	* AG	1870	.9	.0	9.9
H. SE	-9	-150	-9	-450	* AG	1870	.8	.0	15.0
I. WF	450	9	150	9	* AG	1132	.8	.0	15.0
J. WA	150	9	0	9	* AG	1062	1.3	.0	18.0
K. WD	0	9	-150	9	* AG	790	1.0	.0	9.9
L. WE	-150	9	-450	9	* AG	790	.8	.0	15.0
M. EF	-450	-9	-150	-9	* AG	966	.8	.0	15.0
N. EA	-150	-9	0	-9	* AG	713	1.3	.0	13.5
O. ED	0	-9	150	-9	* AG	975	1.2	.0	9.9
P. EE	150	-9	450	-9	* AG	975	.8	.0	15.0
Q. NL	0	0	7	-150	* AG	155	1.0	.0	9.9
R. SL	0	0	-7	150	* AG	522	1.1	.0	9.9
S. WL	0	0	150	7	* AG	70	1.3	.0	9.9
T. EL	0	0	-150	-7	* AG	253	1.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	17	17	1.8
2. SE3	17	-17	1.8
3. SW3	-17	-17	1.8
4. NW3	-17	17	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	185.	.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	352.	.7	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	82.	.5	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
4. NW3	174.	.5	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND TAMAYO AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	1127	.8	.0	15.0
B. NA	7	-150	7	0	* AG	1016	1.0	.0	13.5
C. ND	7	0	7	150	* AG	1052	.8	.0	9.9
D. NE	7	150	7	450	* AG	1052	.8	.0	15.0
E. SF	-7	450	-7	150	* AG	1557	.8	.0	15.0
F. SA	-7	150	-7	0	* AG	1557	1.2	.0	9.9
G. SD	-7	0	-7	-150	* AG	1818	.9	.0	9.9
H. SE	-7	-150	-7	-450	* AG	1818	.8	.0	15.0
I. WF	450	2	150	2	* AG	0	.8	.0	10.5
J. WA	150	2	0	2	* AG	0	1.5	.0	9.9
K. WD	0	2	-150	2	* AG	328	1.4	.0	9.9
L. WE	-150	2	-450	2	* AG	328	.8	.0	10.5
M. EF	-450	-2	-150	-2	* AG	514	.8	.0	10.5
N. EA	-150	-2	0	-2	* AG	478	1.5	.0	9.9
O. ED	0	-2	150	-2	* AG	0	1.1	.0	9.9
P. EE	150	-2	450	-2	* AG	0	.8	.0	10.5
Q. NL	0	0	5	-150	* AG	111	1.0	.0	9.9
R. SL	0	0	-5	150	* AG	0	1.0	.0	9.9
S. WL	0	0	150	2	* AG	0	1.5	.0	9.9
T. EL	0	0	-150	-2	* AG	36	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	8	1.8
2. SE3	14	-8	1.8
3. SW3	-14	-8	1.8
4. NW3	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	265.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2. SE3	274.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3. SW3	6.	.4	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	
4. NW3	174.	.4	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	

RECEPTOR	* I	* J	* K	* L	* M	CONC/LINK (PPM)							
						N	O	P	Q	R	S	T	
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2. SE3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND TAMAYO AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	1298	.8	.0	15.0
B. NA	*	7	-150	7	0	*	AG	1273	1.0	.0	13.5
C. ND	*	7	0	7	150	*	AG	1378	.9	.0	9.9
D. NE	*	7	150	7	450	*	AG	1378	.8	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	2454	.8	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	2454	1.3	.0	9.9
G. SD	*	-7	0	-7	-150	*	AG	2204	.9	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	2204	.8	.0	15.0
I. WF	*	450	2	150	2	*	AG	0	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	0	1.5	.0	9.9
K. WD	*	0	2	-150	2	*	AG	517	1.5	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	517	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	347	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	242	1.5	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	0	1.5	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	0	.8	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	25	1.0	.0	9.9
R. SL	*	0	0	-5	150	*	AG	0	1.0	.0	9.9
S. WL	*	0	0	150	2	*	AG	0	1.5	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	105	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	266.	*	.4	*	.0	.0	.0	.0	.0	.1	.0	.0
2. SE3	*	351.	*	.3	*	.0	.0	.2	.0	.0	.1	.0	.0
3. SW3	*	6.	*	.5	*	.0	.0	.0	.0	.0	.4	.0	.0
4. NW3	*	6.	*	.5	*	.0	.0	.0	.0	.0	.3	.0	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND TAMAYO PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	7	-450	7	-150	*	AG	1620	.8	.0	15.0
B. NA	*	7	-150	7	0	*	AG	1514	1.1	.0	13.5
C. ND	*	7	0	7	150	*	AG	1669	.9	.0	9.9
D. NE	*	7	150	7	450	*	AG	1669	.8	.0	15.0
E. SF	*	-7	450	-7	150	*	AG	1456	.8	.0	15.0
F. SA	*	-7	150	-7	0	*	AG	1456	1.1	.0	9.9
G. SD	*	-7	0	-7	-150	*	AG	1521	.9	.0	9.9
H. SE	*	-7	-150	-7	-450	*	AG	1521	.8	.0	15.0
I. WF	*	450	2	150	2	*	AG	0	.8	.0	10.5
J. WA	*	150	2	0	2	*	AG	0	1.5	.0	9.9
K. WD	*	0	2	-150	2	*	AG	185	1.5	.0	9.9
L. WE	*	-150	2	-450	2	*	AG	185	.8	.0	10.5
M. EF	*	-450	-2	-150	-2	*	AG	299	.8	.0	10.5
N. EA	*	-150	-2	0	-2	*	AG	144	1.5	.0	9.9
O. ED	*	0	-2	150	-2	*	AG	0	1.5	.0	9.9
P. EE	*	150	-2	450	-2	*	AG	0	.8	.0	10.5
Q. NL	*	0	0	5	-150	*	AG	106	1.0	.0	9.9
R. SL	*	0	0	-5	150	*	AG	0	1.0	.0	9.9
S. WL	*	0	0	150	2	*	AG	0	1.5	.0	9.9
T. EL	*	0	0	-150	-2	*	AG	155	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	14	8	1.8
2. SE3	*	14	-8	1.8
3. SW3	*	-14	-8	1.8
4. NW3	*	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	.4	*	.0	.3	.0	.0	.0	.0	.0	.0
2. SE3	*	186.	*	.4	*	.0	.3	.0	.0	.0	.0	.0	.0
3. SW3	*	6.	*	.4	*	.0	.0	.0	.0	.0	.2	.0	.0
4. NW3	*	174.	*	.4	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND TAMAYO PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	7	-450	7	-150	* AG	1302	.8	.0	15.0
B. NA	7	-150	7	0	* AG	1232	1.0	.0	13.5
C. ND	7	0	7	150	* AG	1380	.9	.0	9.9
D. NE	7	150	7	450	* AG	1380	.8	.0	15.0
E. SF	-7	450	-7	150	* AG	1743	.8	.0	15.0
F. SA	-7	150	-7	0	* AG	1743	1.3	.0	9.9
G. SD	-7	0	-7	-150	* AG	1599	.9	.0	9.9
H. SE	-7	-150	-7	-450	* AG	1599	.8	.0	15.0
I. WF	450	2	150	2	* AG	0	.8	.0	10.5
J. WA	150	2	0	2	* AG	0	1.5	.0	9.9
K. WD	0	2	-150	2	* AG	273	1.5	.0	9.9
L. WE	-150	2	-450	2	* AG	273	.8	.0	10.5
M. EF	-450	-2	-150	-2	* AG	207	.8	.0	10.5
N. EA	-150	-2	0	-2	* AG	59	1.5	.0	9.9
O. ED	0	-2	150	-2	* AG	0	1.5	.0	9.9
P. EE	150	-2	450	-2	* AG	0	.8	.0	10.5
Q. NL	0	0	5	-150	* AG	70	1.0	.0	9.9
R. SL	0	0	-5	150	* AG	0	1.0	.0	9.9
S. WL	0	0	150	2	* AG	0	1.5	.0	9.9
T. EL	0	0	-150	-2	* AG	148	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	8	1.8
2. SE3	14	-8	1.8
3. SW3	-14	-8	1.8
4. NW3	-14	8	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	CONC/LINK (PPM)							
						D	E	F	G	H			
1. NE3	354.	.3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	352.	.3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	6.	.4	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0
4. NW3	6.	.4	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND THORNTON AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES Y1	(M) X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	1460	.8	.0	15.0
B. NA	*	11	-150	11	0	*	AG	927	1.0	.0	18.0
C. ND	*	11	0	11	150	*	AG	1366	.9	.0	9.9
D. NE	*	11	150	11	450	*	AG	1366	.8	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	1974	.8	.0	19.5
F. SA	*	-9	150	-9	0	*	AG	1970	1.0	.0	22.5
G. SD	*	-9	0	-9	-150	*	AG	2599	.9	.0	13.5
H. SE	*	-9	-150	-9	-450	*	AG	2599	.8	.0	19.5
I. WF	*	450	9	150	9	*	AG	123	.8	.0	10.5
J. WA	*	150	9	0	9	*	AG	95	1.3	.0	9.9
K. WD	*	0	9	-150	9	*	AG	894	1.5	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	894	.8	.0	10.5
M. EF	*	-450	-7	-150	-7	*	AG	1329	.8	.0	15.0
N. EA	*	-150	-7	0	-7	*	AG	901	1.3	.0	18.0
O. ED	*	0	-7	150	-7	*	AG	27	.9	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	27	.8	.0	15.0
Q. NL	*	0	0	9	-150	*	AG	533	1.0	.0	9.9
R. SL	*	0	0	-5	150	*	AG	4	1.0	.0	9.9
S. WL	*	0	0	150	9	*	AG	28	1.3	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	428	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES X	(M) Y	Z
1. NE3	*	19	14	1.8
2. SE3	*	19	-14	1.8
3. SW3	*	-19	-14	1.8
4. NW3	*	-19	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	265.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	275.	*	.4	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	4.	*	.5	*	.0	.0	.0	.0	.0	.2	.0	.0
4. NW3	*	173.	*	.6	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND THORNTON AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	1531	.8	.0	15.0
B. NA	*	11	-150	11	0	*	AG	1175	1.0	.0	18.0
C. ND	*	11	0	11	150	*	AG	1666	.9	.0	9.9
D. NE	*	11	150	11	450	*	AG	1666	.8	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	2765	.8	.0	19.5
F. SA	*	-9	150	-9	0	*	AG	2761	1.1	.0	22.5
G. SD	*	-9	0	-9	-150	*	AG	3013	.9	.0	13.5
H. SE	*	-9	-150	-9	-450	*	AG	3013	.8	.0	19.5
I. WF	*	450	9	150	9	*	AG	141	.8	.0	10.5
J. WA	*	150	9	0	9	*	AG	113	1.4	.0	9.9
K. WD	*	0	9	-150	9	*	AG	784	1.5	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	784	.8	.0	10.5
M. EF	*	-450	-7	-150	-7	*	AG	1054	.8	.0	15.0
N. EA	*	-150	-7	0	-7	*	AG	574	1.4	.0	18.0
O. ED	*	0	-7	150	-7	*	AG	28	1.0	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	28	.8	.0	15.0
Q. NL	*	0	0	9	-150	*	AG	356	1.0	.0	9.9
R. SL	*	0	0	-5	150	*	AG	4	1.0	.0	9.9
S. WL	*	0	0	150	9	*	AG	28	1.4	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	480	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	19	14	1.8
2. SE3	*	19	-14	1.8
3. SW3	*	-19	-14	1.8
4. NW3	*	-19	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	265.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	353.	*	.4	*	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	4.	*	.6	*	.0	.0	.0	.0	.0	.3	.0	.0
4. NW3	*	173.	*	.6	*	.0	.0	.0	.0	.0	.0	.3	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND THORNTON PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES Y1	(M) X2	* *	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	1839	.8	.0	15.0	
B. NA	*	11	-150	11	0	*	AG	849	1.0	.0	18.0	
C. ND	*	11	0	11	150	*	AG	1863	.9	.0	9.9	
D. NE	*	11	150	11	450	*	AG	1863	.8	.0	15.0	
E. SF	*	-9	450	-9	150	*	AG	1789	.8	.0	19.5	
F. SA	*	-9	150	-9	0	*	AG	1786	1.1	.0	22.5	
G. SD	*	-9	0	-9	-150	*	AG	2023	.9	.0	13.5	
H. SE	*	-9	-150	-9	-450	*	AG	2023	.8	.0	19.5	
I. WF	*	450	9	150	9	*	AG	45	.8	.0	10.5	
J. WA	*	150	9	0	9	*	AG	33	1.3	.0	9.9	
K. WD	*	0	9	-150	9	*	AG	1349	1.5	.0	9.9	
L. WE	*	-150	9	-450	9	*	AG	1349	.8	.0	10.5	
M. EF	*	-450	-7	-150	-7	*	AG	1679	.8	.0	15.0	
N. EA	*	-150	-7	0	-7	*	AG	655	1.3	.0	18.0	
O. ED	*	0	-7	150	-7	*	AG	117	.9	.0	9.9	
P. EE	*	150	-7	450	-7	*	AG	117	.8	.0	15.0	
Q. NL	*	0	0	9	-150	*	AG	990	1.1	.0	9.9	
R. SL	*	0	0	-5	150	*	AG	3	1.0	.0	9.9	
S. WL	*	0	0	150	9	*	AG	12	1.3	.0	9.9	
T. EL	*	0	0	-150	-5	*	AG	1024	1.5	.0	9.9	

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES X	(M) Y	Z
1. NE3	*	19	14	1.8
2. SE3	*	19	-14	1.8
3. SW3	*	-19	-14	1.8
4. NW3	*	-19	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	265.	*	.6	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	276.	*	.5	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	5.	*	.5	*	.0	.0	.0	.0	.0	.2	.0	.0
4. NW3	*	171.	*	.6	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	CONC/LINK (PPM) Q	R	S	T
1. NE3	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: PASEO PADRE AND THORNTON PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	1693	.8	.0	15.0
B. NA	*	11	-150	11	0	*	AG	981	1.0	.0	18.0
C. ND	*	11	0	11	150	*	AG	1678	.9	.0	9.9
D. NE	*	11	150	11	450	*	AG	1678	.8	.0	15.0
E. SF	*	-9	450	-9	150	*	AG	1845	.8	.0	19.5
F. SA	*	-9	150	-9	0	*	AG	1842	1.0	.0	22.5
G. SD	*	-9	0	-9	-150	*	AG	2039	.9	.0	13.5
H. SE	*	-9	-150	-9	-450	*	AG	2039	.8	.0	19.5
I. WF	*	450	9	150	9	*	AG	43	.8	.0	10.5
J. WA	*	150	9	0	9	*	AG	31	1.3	.0	9.9
K. WD	*	0	9	-150	9	*	AG	1234	1.5	.0	9.9
L. WE	*	-150	9	-450	9	*	AG	1234	.8	.0	10.5
M. EF	*	-450	-7	-150	-7	*	AG	1491	.8	.0	15.0
N. EA	*	-150	-7	0	-7	*	AG	784	1.3	.0	18.0
O. ED	*	0	-7	150	-7	*	AG	121	.9	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	121	.8	.0	15.0
Q. NL	*	0	0	9	-150	*	AG	712	1.0	.0	9.9
R. SL	*	0	0	-5	150	*	AG	3	1.0	.0	9.9
S. WL	*	0	0	150	9	*	AG	12	1.3	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	707	1.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	19	14	1.8
2. SE3	*	19	-14	1.8
3. SW3	*	-19	-14	1.8
4. NW3	*	-19	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	265.	*	.6	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	276.	*	.4	*	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	5.	*	.5	*	.0	.0	.0	.0	.0	.2	.0	.0
4. NW3	*	173.	*	.6	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: THORNTON AND FREMONT AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	11	-450	11	-150	AG	1313	.8	.0	15.0
B. NA	11	-150	11	0	AG	1129	1.1	.0	18.0
C. ND	11	0	11	150	AG	1482	.9	.0	9.9
D. NE	11	150	11	450	AG	1482	.8	.0	15.0
E. SF	-11	450	-11	150	AG	1864	.8	.0	15.0
F. SA	-11	150	-11	0	AG	1281	1.1	.0	22.5
G. SD	-11	0	-11	-150	AG	1261	.9	.0	9.9
H. SE	-11	-150	-11	-450	AG	1261	.8	.0	15.0
I. WF	450	11	150	11	AG	1015	.8	.0	15.0
J. WA	150	11	0	11	AG	731	1.3	.0	18.0
K. WD	0	11	-150	11	AG	1108	1.1	.0	9.9
L. WE	-150	11	-450	11	AG	1108	.8	.0	15.0
M. EF	-450	-11	-150	-11	AG	1009	.8	.0	15.0
N. EA	-150	-11	0	-11	AG	754	1.3	.0	22.5
O. ED	0	-11	150	-11	AG	1350	1.3	.0	9.9
P. EE	150	-11	450	-11	AG	1350	.8	.0	15.0
Q. NL	0	0	9	-150	AG	184	1.1	.0	9.9
R. SL	0	0	-9	150	AG	583	1.1	.0	9.9
S. WL	0	0	150	9	AG	284	1.3	.0	9.9
T. EL	0	0	-150	-9	AG	255	1.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	19	19	1.8
2. SE3	19	-19	1.8
3. SW3	-19	-19	1.8
4. NW3	-19	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	CONC/LINK (PPM)											
			A	B	C	D	E	F	G	H				
1. NE3	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	353.	.5	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	84.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	174.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0

RECEPTOR	* I	* J	* K	* L	* M	* N	* O	* P	* Q	* R	* S	* T
1. NE3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: THORNTON AND FREMONT AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	1398	.8	.0	15.0
B. NA	*	11	-150	11	0	*	AG	1214	1.1	.0	18.0
C. ND	*	11	0	11	150	*	AG	1409	.9	.0	9.9
D. NE	*	11	150	11	450	*	AG	1409	.8	.0	15.0
E. SF	*	-11	450	-11	150	*	AG	1885	.8	.0	15.0
F. SA	*	-11	150	-11	0	*	AG	1672	1.1	.0	22.5
G. SD	*	-11	0	-11	-150	*	AG	1348	.9	.0	9.9
H. SE	*	-11	-150	-11	-450	*	AG	1348	.8	.0	15.0
I. WF	*	450	11	150	11	*	AG	764	.8	.0	15.0
J. WA	*	150	11	0	11	*	AG	634	1.3	.0	18.0
K. WD	*	0	11	-150	11	*	AG	1182	1.1	.0	9.9
L. WE	*	-150	11	-450	11	*	AG	1182	.8	.0	15.0
M. EF	*	-450	-11	-150	-11	*	AG	1124	.8	.0	15.0
N. EA	*	-150	-11	0	-11	*	AG	869	1.3	.0	22.5
O. ED	*	0	-11	150	-11	*	AG	1232	1.1	.0	9.9
P. EE	*	150	-11	450	-11	*	AG	1232	.8	.0	15.0
Q. NL	*	0	0	9	-150	*	AG	184	1.1	.0	9.9
R. SL	*	0	0	-9	150	*	AG	213	1.1	.0	9.9
S. WL	*	0	0	150	9	*	AG	130	1.3	.0	9.9
T. EL	*	0	0	-150	-9	*	AG	255	1.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	19	19	1.8
2. SE3	*	19	-19	1.8
3. SW3	*	-19	-19	1.8
4. NW3	*	-19	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	264.	*	.4	*	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	353.	*	.5	*	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	84.	*	.4	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	174.	*	.4	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: THORNTON AND FREMONT PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	1382	.8	.0	15.0
B. NA	*	11	-150	11	0	*	AG	1200	1.3	.0	18.0
C. ND	*	11	0	11	150	*	AG	2166	1.5	.0	9.9
D. NE	*	11	150	11	450	*	AG	2166	.8	.0	15.0
E. SF	*	-11	450	-11	150	*	AG	1674	.8	.0	15.0
F. SA	*	-11	150	-11	0	*	AG	1469	1.3	.0	22.5
G. SD	*	-11	0	-11	-150	*	AG	1689	1.3	.0	9.9
H. SE	*	-11	-150	-11	-450	*	AG	1689	.8	.0	15.0
I. WF	*	450	11	150	11	*	AG	2024	.8	.0	15.0
J. WA	*	150	11	0	11	*	AG	1883	1.2	.0	18.0
K. WD	*	0	11	-150	11	*	AG	1614	1.0	.0	9.9
L. WE	*	-150	11	-450	11	*	AG	1614	.8	.0	15.0
M. EF	*	-450	-11	-150	-11	*	AG	1970	.8	.0	15.0
N. EA	*	-150	-11	0	-11	*	AG	1138	1.1	.0	22.5
O. ED	*	0	-11	150	-11	*	AG	1581	1.0	.0	9.9
P. EE	*	150	-11	450	-11	*	AG	1581	.8	.0	15.0
Q. NL	*	0	0	9	-150	*	AG	182	1.2	.0	9.9
R. SL	*	0	0	-9	150	*	AG	205	1.2	.0	9.9
S. WL	*	0	0	150	9	*	AG	141	1.1	.0	9.9
T. EL	*	0	0	-150	-9	*	AG	832	1.1	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	19	19	1.8
2. SE3	*	19	-19	1.8
3. SW3	*	-19	-19	1.8
4. NW3	*	-19	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	263.	*	.7	*	.0	.0	.2	.0	.0	.0	.0	.0
2. SE3	*	354.	*	.7	*	.0	.0	.4	.0	.0	.0	.0	.0
3. SW3	*	83.	*	.5	*	.0	.0	.0	.0	.0	.0	.1	.0
4. NW3	*	174.	*	.6	*	.0	.0	.0	.0	.0	.0	.3	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: THORNTON AND FREMONT PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES Y1	(M) X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11	-450	11	-150	*	AG	1512	.8	.0	15.0
B. NA	*	11	-150	11	0	*	AG	1329	1.2	.0	18.0
C. ND	*	11	0	11	150	*	AG	2139	1.4	.0	9.9
D. NE	*	11	150	11	450	*	AG	2139	.8	.0	15.0
E. SF	*	-11	450	-11	150	*	AG	1695	.8	.0	15.0
F. SA	*	-11	150	-11	0	*	AG	1262	1.2	.0	22.5
G. SD	*	-11	0	-11	-150	*	AG	1699	1.1	.0	9.9
H. SE	*	-11	-150	-11	-450	*	AG	1699	.8	.0	15.0
I. WF	*	450	11	150	11	*	AG	1829	.8	.0	15.0
J. WA	*	150	11	0	11	*	AG	1471	1.2	.0	18.0
K. WD	*	0	11	-150	11	*	AG	1424	.9	.0	9.9
L. WE	*	-150	11	-450	11	*	AG	1424	.8	.0	15.0
M. EF	*	-450	-11	-150	-11	*	AG	1669	.8	.0	15.0
N. EA	*	-150	-11	0	-11	*	AG	1051	1.1	.0	22.5
O. ED	*	0	-11	150	-11	*	AG	1443	.9	.0	9.9
P. EE	*	150	-11	450	-11	*	AG	1443	.8	.0	15.0
Q. NL	*	0	0	9	-150	*	AG	183	1.2	.0	9.9
R. SL	*	0	0	-9	150	*	AG	433	1.2	.0	9.9
S. WL	*	0	0	150	9	*	AG	358	1.2	.0	9.9
T. EL	*	0	0	-150	-9	*	AG	618	1.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES X	(M) Y	Z
1. NE3	*	19	19	1.8
2. SE3	*	19	-19	1.8
3. SW3	*	-19	-19	1.8
4. NW3	*	-19	19	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	263.	*	.6	*	.0	.0	.2	.0	.0	.0	.0	.0
2. SE3	*	354.	*	.7	*	.0	.0	.3	.0	.0	.0	.0	.0
3. SW3	*	83.	*	.5	*	.0	.0	.0	.0	.0	.0	.1	.0
4. NW3	*	174.	*	.5	*	.0	.0	.0	.0	.0	.0	.2	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: THORNTON AND NB ON RAMP AMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK X1	COORDINATES (M) Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	1775	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	1124	1.5	.0	9.9
C. ND	*	2	0	2	150	*	AG	1333	1.5	.0	9.9
D. NE	*	2	150	2	450	*	AG	1333	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	0	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	0	1.3	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	1409	1.5	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	1409	.8	.0	10.5
I. WF	*	450	7	150	7	*	AG	2492	.8	.0	15.0
J. WA	*	150	7	0	7	*	AG	1414	1.1	.0	13.5
K. WD	*	0	7	-150	7	*	AG	1694	.9	.0	9.9
L. WE	*	-150	7	-450	7	*	AG	1694	.8	.0	15.0
M. EF	*	-450	-7	-150	-7	*	AG	1337	.8	.0	15.0
N. EA	*	-150	-7	0	-7	*	AG	1337	1.1	.0	13.5
O. ED	*	0	-7	150	-7	*	AG	1168	.8	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	1168	.8	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	651	1.5	.0	9.9
R. SL	*	0	0	-2	150	*	AG	0	1.3	.0	9.9
S. WL	*	0	0	150	5	*	AG	1078	1.4	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	0	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. NE3	*	8	14	1.8
2. SE3	*	8	-14	1.8
3. SW3	*	-8	-14	1.8
4. NW3	*	-8	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED CONC (PPM)	*	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	* 1.0	*	.0	.3	.1	.0	.0	.0	.2	.0
2. SE3	*	185.	* .7	*	.0	.4	.0	.0	.0	.0	.2	.0
3. SW3	*	174.	* .8	*	.0	.2	.0	.0	.0	.0	.4	.0
4. NW3	*	175.	* .8	*	.0	.2	.0	.0	.0	.0	.3	.0

RECEPTOR	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: THORNTON AND NB ON RAMP AMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	1749	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	1190	1.5	.0	9.9
C. ND	*	2	0	2	150	*	AG	1396	1.5	.0	9.9
D. NE	*	2	150	2	450	*	AG	1396	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	0	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	0	1.3	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	1626	1.5	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	1626	.8	.0	10.5
I. WF	*	450	7	150	7	*	AG	2454	.8	.0	15.0
J. WA	*	150	7	0	7	*	AG	1566	1.1	.0	13.5
K. WD	*	0	7	-150	7	*	AG	1754	.9	.0	9.9
L. WE	*	-150	7	-450	7	*	AG	1754	.8	.0	15.0
M. EF	*	-450	-7	-150	-7	*	AG	1679	.8	.0	15.0
N. EA	*	-150	-7	0	-7	*	AG	1679	1.1	.0	13.5
O. ED	*	0	-7	150	-7	*	AG	1106	.8	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	1106	.8	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	559	1.5	.0	9.9
R. SL	*	0	0	-2	150	*	AG	0	1.3	.0	9.9
S. WL	*	0	0	150	5	*	AG	888	1.3	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	0	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	14	1.8
2. SE3	*	8	-14	1.8
3. SW3	*	-8	-14	1.8
4. NW3	*	-8	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
1. NE3	*	185.	*	1.0	*	.0	.3	.1	.0	.0	.0	.2	.0
2. SE3	*	185.	*	.8	*	.0	.4	.0	.0	.0	.0	.2	.0
3. SW3	*	174.	*	.8	*	.0	.2	.0	.0	.0	.0	.5	.0
4. NW3	*	175.	*	.9	*	.0	.2	.0	.0	.0	.0	.4	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: THORNTON AND NB ON RAMP PMNP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	1375	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	1212	1.5	.0	9.9
C. ND	*	2	0	2	150	*	AG	945	1.5	.0	9.9
D. NE	*	2	150	2	450	*	AG	945	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	0	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	0	1.4	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	1874	1.5	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	1874	.8	.0	10.5
I. WF	*	450	7	150	7	*	AG	1687	.8	.0	15.0
J. WA	*	150	7	0	7	*	AG	1199	1.0	.0	13.5
K. WD	*	0	7	-150	7	*	AG	1092	.8	.0	9.9
L. WE	*	-150	7	-450	7	*	AG	1092	.8	.0	15.0
M. EF	*	-450	-7	-150	-7	*	AG	2920	.8	.0	15.0
N. EA	*	-150	-7	0	-7	*	AG	2920	1.3	.0	13.5
O. ED	*	0	-7	150	-7	*	AG	2071	.9	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	2071	.8	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	163	1.4	.0	9.9
R. SL	*	0	0	-2	150	*	AG	0	1.4	.0	9.9
S. WL	*	0	0	150	5	*	AG	488	1.1	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	0	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	14	1.8
2. SE3	*	8	-14	1.8
3. SW3	*	-8	-14	1.8
4. NW3	*	-8	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	.9	*	.0	.3	.0	.0	.0	.0	.2	.0
2. SE3	*	275.	*	.9	*	.0	.1	.0	.0	.0	.0	.1	.0
3. SW3	*	79.	*	.7	*	.0	.0	.0	.0	.0	.0	.2	.0
4. NW3	*	176.	*	.9	*	.0	.1	.0	.0	.0	.0	.4	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: THORNTON AND NB ON RAMP PMWP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 5. DEGREES TEMP= 15.6 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	* *	LINK X1	COORDINATES (M) Y1	X2	Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	2	-450	2	-150	*	AG	1324	.8	.0	10.5
B. NA	*	2	-150	2	0	*	AG	1161	1.5	.0	9.9
C. ND	*	2	0	2	150	*	AG	908	1.5	.0	9.9
D. NE	*	2	150	2	450	*	AG	908	.8	.0	10.5
E. SF	*	-2	450	-2	150	*	AG	0	.8	.0	10.5
F. SA	*	-2	150	-2	0	*	AG	0	1.4	.0	9.9
G. SD	*	-2	0	-2	-150	*	AG	1570	1.5	.0	9.9
H. SE	*	-2	-150	-2	-450	*	AG	1570	.8	.0	10.5
I. WF	*	450	7	150	7	*	AG	1655	.8	.0	15.0
J. WA	*	150	7	0	7	*	AG	1223	1.0	.0	13.5
K. WD	*	0	7	-150	7	*	AG	1092	.8	.0	9.9
L. WE	*	-150	7	-450	7	*	AG	1092	.8	.0	15.0
M. EF	*	-450	-7	-150	-7	*	AG	2651	.8	.0	15.0
N. EA	*	-150	-7	0	-7	*	AG	2651	1.3	.0	13.5
O. ED	*	0	-7	150	-7	*	AG	2060	.9	.0	9.9
P. EE	*	150	-7	450	-7	*	AG	2060	.8	.0	15.0
Q. NL	*	0	0	2	-150	*	AG	163	1.4	.0	9.9
R. SL	*	0	0	-2	150	*	AG	0	1.4	.0	9.9
S. WL	*	0	0	150	5	*	AG	432	1.0	.0	9.9
T. EL	*	0	0	-150	-5	*	AG	0	1.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X	Y	Z
1. NE3	*	8	14	1.8
2. SE3	*	8	-14	1.8
3. SW3	*	-8	-14	1.8
4. NW3	*	-8	14	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	CONC/LINK (PPM) D	E	F	G	H
1. NE3	*	185.	*	.8	*	.0	.3	.0	.0	.0	.0	.2	.0
2. SE3	*	275.	*	.8	*	.0	.1	.0	.0	.0	.0	.1	.0
3. SW3	*	81.	*	.7	*	.0	.0	.0	.0	.0	.0	.2	.0
4. NW3	*	176.	*	.8	*	.0	.1	.0	.0	.0	.0	.4	.0

RECEPTOR	* *	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

Year 2015 (Opening Year)

Mobile-source GHG Emissions

Mobile Sources

California Vehicle Type	Percent	VMT by Type	Emission Factors (grams/mile) ^a			Emissions from Mobile Sources (lbs/day)			
	100	(6,823)	CO ₂	CH ₄	N ₂ O	CO ₂	CH ₄	N ₂ O	CO ₂ e ^b
Light Auto	49.0	(3,343)	418.80	0.05	0.05	(3,086.81)	(0.37)	(0.37)	(3,209)
Light Truck < 3750 lbs	10.9	(744)	418.80	0.07	0.08	(686.66)	(0.11)	(0.13)	(730)
Light Truck 3751-5750 lbs	21.7	(1,481)	418.80	0.07	0.08	(1,367.02)	(0.23)	(0.26)	(1,453)
Med Truck 5751-8500 lbs	9.5	(648)	418.80	0.12	0.20	(598.46)	(0.17)	(0.29)	(691)
Lite-Heavy Truck 8501-10,000 lbs	1.6	(109)	418.80	0.12	0.20	(100.79)	(0.03)	(0.05)	(116)
Lite-Heavy Truck 10,001-14,000 lbs	0.6	(41)	418.80	0.12	0.20	(37.80)	(0.01)	(0.02)	(44)
Med-Heavy Truck 14,001-33,000 lbs	1.0	(68)	418.80	0.08	0.05	(63.00)	(0.01)	(0.01)	(66)
Heavy-Heavy Truck 33,001-60,000 lbs	0.9	(61)	418.80	0.08	0.05	(56.70)	(0.01)	(0.01)	(59)
Other Bus	0.1	(7)	418.80	0.08	0.05	(6.30)	(0.00)	(0.00)	(7)
Urban Bus	0.1	(7)	418.80	0.08	0.05	(6.30)	(0.00)	(0.00)	(7)
Motorcycle	3.5	(239)	418.80	0.42	0.01	(220.49)	(0.22)	(0.01)	(227)
School Bus	0.1	(7)	418.80	0.08	0.05	(6.30)	(0.00)	(0.00)	(7)
Motor Home	1.0	(68)	418.80	0.07	0.08	(63.00)	(0.01)	(0.01)	(67)
Total CA Emissions						(6,300)	(1)	(1)	(6,680)

^a CH₄ and N₂O Emission factors, in grams per mile, from Table C.4, [General Reporting Protocol](#), California Climate Action Registry, March 2007; CO₂ emissions factors are fleet average gram per mile factors from the Emfac 2007 model for California vehicles.

^b Global Warming Potential, used to convert CH₄ and N₂O emissions to CO₂ equivalent (CO₂e) is 21 for CH₄ and 310 for N₂O; [General Reporting Protocol](#), California Climate Action Registry, March 2007.

Year 2035 (Horizon Year)

Mobile-source GHG Emissions

Mobile Sources

California Vehicle Type	Percent	VMT by Type	Emission Factors (grams/mile) ^a			Emissions from Mobile Sources (lbs/day)			
	100	3,932	CO ₂	CH ₄	N ₂ O	CO ₂	CH ₄	N ₂ O	CO ₂ e ^b
Light Auto	49.0	1,927	424.06	0.04	0.04	1,801.22	0.17	0.17	1,857
Light Truck < 3750 lbs	10.9	429	424.06	0.05	0.06	400.68	0.05	0.06	419
Light Truck 3751-5750 lbs	21.7	853	424.06	0.05	0.06	797.68	0.09	0.11	835
Med Truck 5751-8500 lbs	9.5	374	424.06	0.12	0.20	349.22	0.10	0.16	402
Lite-Heavy Truck 8501-10,000 lbs	1.6	63	424.06	0.12	0.20	58.82	0.02	0.03	68
Lite-Heavy Truck 10,001-14,000 lbs	0.6	24	424.06	0.12	0.20	22.06	0.01	0.01	25
Med-Heavy Truck 14,001-33,000 lbs	1.0	39	424.06	0.06	0.05	36.76	0.01	0.00	38
Heavy-Heavy Truck 33,001-60,000 lbs	0.9	35	424.06	0.06	0.05	33.08	0.00	0.00	34
Other Bus	0.1	4	424.06	0.06	0.05	3.68	0.00	0.00	4
Urban Bus	0.1	4	424.06	0.06	0.05	3.68	0.00	0.00	4
Motorcycle	3.5	138	424.06	0.09	0.01	128.66	0.03	0.00	130
School Bus	0.1	4	424.06	0.06	0.05	3.68	0.00	0.00	4
Motor Home	1.0	39	424.06	0.05	0.06	36.76	0.00	0.01	38
Total CA Emissions						3,676	0	1	3,860

^a CH₄ and N₂O Emission factors, in grams per mile, from Table C.4, [General Reporting Protocol](#), California Climate Action Registry, March 2007; CO₂ emissions factors are fleet average gram per mile factors from the Emfac 2007 model for California vehicles.

^b Global Warming Potential, used to convert CH₄ and N₂O emissions to CO₂ equivalent (CO₂e) is 21 for CH₄ and 310 for N₂O; [General Reporting Protocol](#), California Climate Action Registry, March 2007.

Urbemis 2007 Version 9.2.4

Combined Summer Emissions Reports (Pounds/Day)

File Name: G:\Los Angeles\3_Projects_Air Quality\East-West Connector\URBEMIS\mitplncnst.urb924

Project Name: Wetlands Mitigation Plan Improvements

Project Location: Alameda County

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:

CONSTRUCTION EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
2011 TOTALS (lbs/day unmitigated)	6.06	51.40	30.29	0.02	5.06	2.55	7.61	1.07	2.34	3.41	5,986.64
2012 TOTALS (lbs/day unmitigated)	5.75	47.98	29.32	0.02	5.06	2.34	7.41	1.07	2.15	3.22	5,986.83
2013 TOTALS (lbs/day unmitigated)	5.46	44.77	28.38	0.02	5.06	2.14	7.20	1.07	1.97	3.03	5,987.01
2014 TOTALS (lbs/day unmitigated)	5.17	41.61	27.55	0.02	5.06	1.94	7.01	1.07	1.79	2.85	5,987.15

Construction Unmitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Unmitigated

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
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Time Slice 3/1/2011-12/31/2011	<u>6.06</u>	<u>51.40</u>	<u>30.29</u>	<u>0.02</u>	<u>5.06</u>	<u>2.55</u>	<u>7.61</u>	<u>1.07</u>	<u>2.34</u>	<u>3.41</u>	<u>5,986.64</u>
Active Days: 263											
Mass Grading 03/01/2011-03/01/2014	6.06	51.40	30.29	0.02	5.06	2.55	7.61	1.07	2.34	3.41	5,986.64
Mass Grading Dust	0.00	0.00	0.00	0.00	5.00	0.00	5.00	1.04	0.00	1.04	0.00
Mass Grading Off Road Diesel	5.37	42.14	24.12	0.00	0.00	2.21	2.21	0.00	2.03	2.03	4,274.81
Mass Grading On Road Diesel	0.58	9.08	2.94	0.01	0.05	0.33	0.38	0.02	0.30	0.32	1,405.77
Mass Grading Worker Trips	0.10	0.18	3.23	0.00	0.01	0.01	0.02	0.01	0.01	0.01	306.06
Time Slice 1/2/2012-12/31/2012	<u>5.75</u>	<u>47.98</u>	<u>29.32</u>	<u>0.02</u>	<u>5.06</u>	<u>2.34</u>	<u>7.41</u>	<u>1.07</u>	<u>2.15</u>	<u>3.22</u>	<u>5,986.83</u>
Active Days: 313											
Mass Grading 03/01/2011-03/01/2014	5.75	47.98	29.32	0.02	5.06	2.34	7.41	1.07	2.15	3.22	5,986.83
Mass Grading Dust	0.00	0.00	0.00	0.00	5.00	0.00	5.00	1.04	0.00	1.04	0.00
Mass Grading Off Road Diesel	5.12	39.67	23.67	0.00	0.00	2.04	2.04	0.00	1.88	1.88	4,274.81
Mass Grading On Road Diesel	0.53	8.14	2.68	0.01	0.05	0.29	0.34	0.02	0.27	0.29	1,405.77
Mass Grading Worker Trips	0.09	0.16	2.97	0.00	0.01	0.01	0.02	0.01	0.01	0.01	306.25
Time Slice 1/1/2013-12/31/2013	<u>5.46</u>	<u>44.77</u>	<u>28.38</u>	<u>0.02</u>	<u>5.06</u>	<u>2.14</u>	<u>7.20</u>	<u>1.07</u>	<u>1.97</u>	<u>3.03</u>	<u>5,987.01</u>
Active Days: 313											
Mass Grading 03/01/2011-03/01/2014	5.46	44.77	28.38	0.02	5.06	2.14	7.20	1.07	1.97	3.03	5,987.01
Mass Grading Dust	0.00	0.00	0.00	0.00	5.00	0.00	5.00	1.04	0.00	1.04	0.00
Mass Grading Off Road Diesel	4.88	37.37	23.22	0.00	0.00	1.87	1.87	0.00	1.72	1.72	4,274.81
Mass Grading On Road Diesel	0.49	7.26	2.43	0.01	0.05	0.26	0.31	0.02	0.24	0.26	1,405.77
Mass Grading Worker Trips	0.09	0.15	2.73	0.00	0.01	0.01	0.02	0.01	0.01	0.01	306.43

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Time Slice 1/1/2014-3/1/2014 Active Days: 52	<u>5.17</u>	<u>41.61</u>	<u>27.55</u>	<u>0.02</u>	<u>5.06</u>	<u>1.94</u>	<u>7.01</u>	<u>1.07</u>	<u>1.79</u>	<u>2.85</u>	<u>5,987.15</u>
Mass Grading 03/01/2011-03/01/2014	5.17	41.61	27.55	0.02	5.06	1.94	7.01	1.07	1.79	2.85	5,987.15
Mass Grading Dust	0.00	0.00	0.00	0.00	5.00	0.00	5.00	1.04	0.00	1.04	0.00
Mass Grading Off Road Diesel	4.64	35.02	22.84	0.00	0.00	1.70	1.70	0.00	1.57	1.57	4,274.81
Mass Grading On Road Diesel	0.46	6.46	2.21	0.01	0.05	0.23	0.28	0.02	0.21	0.23	1,405.77
Mass Grading Worker Trips	0.08	0.13	2.51	0.00	0.01	0.01	0.02	0.01	0.01	0.01	306.57

Phase Assumptions

Phase: Mass Grading 3/1/2011 - 3/1/2014 - Excavation and Hauling

Total Acres Disturbed: 0.5

Maximum Daily Acreage Disturbed: 0.5

Fugitive Dust Level of Detail: Default

10 lbs per acre-day

On Road Truck Travel (VMT): 349.17

Off-Road Equipment:

- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 6 hours per day
- 2 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 5 Signal Boards (15 hp) operating at a 0.78 load factor for 8 hours per day
- 1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

