

The Village at Playa Vista

Appendix E-4

Operation - Localized Emissions

E-4a - Year 2010 No Project and Year 2010 With Project

- One-hour Summary
- Eight-hour Summary
- CALINE4 Output Files

E-4b - Year 2010 No Project and Year 2010 With Project and Mitigation

- One-hour Summary
- Eight-hour Summary
- CALINE4 Output Files

E-4a

Year 2010 No Project and Year 2010 With Project for
Operation Localized Emissions

Playa Vista Second Phase Project

CALINE4 Modeling Results and Estimated Local 1-Hour Carbon Monoxide Concentrations (ppm)

Projected Background 1-Hour CO Concentrations (ppm) ^a

Monitoring Station: [West L.A.](#)

Year 1-Hr Concentration
2010 4.4

Intersection and Receptor Locations	Future Without Project		Future With Project		
	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Exceedance of Significance Threshold ^d
Centinela Ave. and Jefferson Blvd. - AM					
NE	1.8	6.2	2.1	6.5	NO
SE	1.6	6.0	1.9	6.3	NO
SW	2.1	6.5	2.3	6.7	NO
NW	2.1	6.5	2.3	6.7	NO
Centinela Ave. and Jefferson Blvd. - PM					
NE	1.7	6.1	2.3	6.7	NO
SE	1.8	6.2	2.5	6.9	NO
SW	1.5	5.9	2.0	6.4	NO
NW	1.6	6.0	2.0	6.4	NO
La Tijera Blvd. and Centinela Ave. - AM					
NE	3.0	7.4	3.6	8.0	NO
SE	1.8	6.2	2.0	6.4	NO
SW	1.9	6.3	2.2	6.6	NO
NW	2.3	6.7	2.7	7.1	NO
La Tijera Blvd. and Centinela Ave. - PM					
NE	2.1	6.5	2.2	6.6	NO
SE	2.1	6.5	2.1	6.5	NO
SW	2.0	6.4	2.0	6.4	NO
NW	2.0	6.4	2.0	6.4	NO
Sepulveda Blvd. and Centinela Ave. - AM					
NE	5.7	10.1	6.1	10.5	NO
SE	3.8	8.2	4.2	8.6	NO
SW	3.1	7.5	3.6	8.0	NO
NW	4.9	9.3	5.6	10.0	NO
Sepulveda Blvd. and Centinela Ave. - PM					
NE	4.7	9.1	5.8	10.2	NO
SE	6.6	11.0	7.5	11.9	NO
SW	6.5	10.9	7.3	11.7	NO
NW	5.9	10.3	7.2	11.6	NO
Culver Blvd. and Jefferson Blvd. - AM					
NE	3.9	8.3	4.0	8.4	NO
SE	3.1	7.5	3.2	7.6	NO
SW	3.4	7.8	3.5	7.9	NO
NW	2.1	6.5	2.2	6.6	NO
Culver Blvd. and Jefferson Blvd. - PM					
NE	2.8	7.2	3.0	7.4	NO
SE	2.2	6.6	2.3	6.7	NO
SW	3.2	7.6	3.4	7.8	NO
NW	2.1	6.5	2.2	6.6	NO
Sepulveda Blvd. and Howard Hughes Pkwy. - AM					
NE	5.5	9.9	5.7	10.1	NO
SE	5.0	9.4	5.2	9.6	NO
SW	5.5	9.9	5.8	10.2	NO
NW	3.4	7.8	3.6	8.0	NO
Sepulveda Blvd. and Howard Hughes Pkwy. - PM					
NE	5.1	9.5	5.5	9.9	NO
SE	4.6	9.0	5.0	9.4	NO
SW	5.0	9.4	5.4	9.8	NO
NW	3.4	7.8	3.6	8.0	NO

a Based on guidance provided by the [AQMD Air Quality Analysis Guidance Handbook](#).

b The 1-hour traffic contribution (ppm) is determined by inputting total traffic volumes into the CALINE4 model.

c The estimated local concentration is the traffic contribution + the background concentration.

d The California Ambient Air Quality Standard for 1-hour CO concentrations is 20 ppm.

Playa Vista Second Phase Project

CALINE4 Modeling Results and Estimated Local 8-Hour Carbon Monoxide Concentrations (ppm)

Projected Background 8-Hour CO Concentrations (ppm) ^a		Average Persistence Factor = 0.70	
Monitoring Station: West L.A.			
<u>Year</u> 2010	<u>8-Hr Concentration</u> 2.8		

Intersection and Receptor Locations	Future Without Project		Future With Project		
	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Exceedance of Significance Threshold ^d
Centinela Ave. and Jefferson Blvd. - AM					
NE	1.1	3.9	1.3	4.1	NO
SE	1.1	3.9	1.2	4.0	NO
SW	1.3	4.1	1.5	4.3	NO
NW	1.3	4.1	1.5	4.3	NO
Centinela Ave. and Jefferson Blvd. - PM					
NE	1.1	3.9	1.4	4.2	NO
SE	1.1	3.9	1.5	4.3	NO
SW	1.0	3.8	1.3	4.1	NO
NW	1.1	3.9	1.3	4.1	NO
La Tijera Blvd. and Centinela Ave. - AM					
NE	1.6	4.4	1.9	4.7	NO
SE	1.1	3.9	1.3	4.1	NO
SW	1.1	3.9	1.3	4.1	NO
NW	1.3	4.1	1.5	4.3	NO
La Tijera Blvd. and Centinela Ave. - PM					
NE	1.3	4.1	1.3	4.1	NO
SE	1.3	4.1	1.3	4.1	NO
SW	1.2	4.0	1.2	4.0	NO
NW	1.1	3.9	1.2	4.0	NO
Sepulveda Blvd. and Centinela Ave. - AM					
NE	3.1	5.9	3.3	6.1	NO
SE	2.5	5.3	2.7	5.5	NO
SW	2.0	4.8	2.1	4.9	NO
NW	2.8	5.6	3.2	6.0	NO
Sepulveda Blvd. and Centinela Ave. - PM					
NE	2.9	5.7	3.6	6.4	NO
SE	4.0	6.8	4.6	7.4	NO
SW	3.2	6.0	3.6	6.4	NO
NW	3.5	6.3	4.3	7.1	NO
Culver Blvd. and Jefferson Blvd. - AM					
NE	2.0	4.8	2.1	4.9	NO
SE	1.6	4.4	1.6	4.4	NO
SW	1.9	4.7	2.0	4.8	NO
NW	1.2	4.0	1.3	4.1	NO
Culver Blvd. and Jefferson Blvd. - PM					
NE	1.5	4.3	1.7	4.5	NO
SE	1.2	4.0	1.3	4.1	NO
SW	1.8	4.6	2.0	4.8	NO
NW	1.3	4.1	1.3	4.1	NO
Sepulveda Blvd. and Howard Hughes Pkwy. - AM					
NE	3.2	6.0	3.4	6.2	NO
SE	2.9	5.7	3.0	5.8	NO
SW	3.4	6.2	3.6	6.4	NO
NW	2.2	5.0	2.3	5.1	NO
Sepulveda Blvd. and Howard Hughes Pkwy. - PM					
NE	3.0	5.8	3.2	6.0	NO
SE	2.7	5.5	2.9	5.7	NO
SW	3.2	6.0	3.4	6.2	NO
NW	2.2	5.0	2.4	5.2	NO

a Based on guidance provided by the AQMD Air Quality Analysis Guidance Handbook.

b The persistence factor is calculated as recommended in Table B.15 in the [Transportation Project-Level Carbon Monoxide Protocol](#) (Institute of Transportation Studies, UC Davis, Revised 1997). This is a generalized persistence factor likely to provide a conservative estimate in most situations.

c The estimated local concentration is the traffic contribution + the background concentration.

d The California Ambient Air Quality Standard for 8-hour CO concentrations is 9 ppm.

Playa Vista Second Phase Project

CALINE4 Modeling Results and Estimated Local 1-Hour Carbon Monoxide Concentrations (ppm)

Projected Background 1-Hour CO Concentrations (ppm) ^a

Monitoring Station: [West L.A.](#)

Year 1-Hr Concentration
2010 4.4

Intersection and Receptor Locations	Future Without Project		Future With Project		
	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Exceedance of Significance Threshold ^d
I-405 SB Ramps and Jefferson Blvd. - AM					
NE	1.7	6.1	1.9	6.3	NO
SE	1.9	6.3	2.0	6.4	NO
SW	2.3	6.7	2.5	6.9	NO
NW	2.8	7.2	2.9	7.3	NO
I-405 SB Ramps and Jefferson Blvd. - PM					
NE	1.8	6.2	1.9	6.3	NO
SE	2.1	6.5	2.3	6.7	NO
SW	2.5	6.9	2.7	7.1	NO
NW	3.0	7.4	3.2	7.6	NO
Lincoln Blvd. and Jefferson Blvd. - AM					
NE	3.3	7.7	3.4	7.8	NO
SE	2.9	7.3	3.1	7.5	NO
SW	3.2	7.6	3.4	7.8	NO
NW	3.1	7.5	3.4	7.8	NO
Lincoln Blvd. and Jefferson Blvd. - PM					
NE	3.6	8.0	5.2	9.6	NO
SE	3.0	7.4	5.5	9.9	NO
SW	4.0	8.4	5.6	10.0	NO
NW	4.3	8.7	5.9	10.3	NO
Lincoln Blvd. and Manchester Ave. - AM					
NE	4.0	8.4	4.2	8.6	NO
SE	3.4	7.8	3.6	8.0	NO
SW	4.1	8.5	4.3	8.7	NO
NW	4.6	9.0	4.8	9.2	NO
Lincoln Blvd. and Manchester Ave. - PM					
NE	4.1	8.5	4.4	8.8	NO
SE	3.7	8.1	3.9	8.3	NO
SW	3.6	8.0	3.8	8.2	NO
NW	3.6	8.0	3.8	8.2	NO
Lincoln Blvd. and Bluff Creek Dr. - AM					
NE	3.9	8.3	4.2	8.6	NO
SE	3.8	8.2	4.1	8.5	NO
SW	4.1	8.5	4.6	9.0	NO
NW	2.8	7.2	3.1	7.5	NO
Lincoln Blvd. and Bluff Creek Dr. - PM					
NE	5.2	9.6	5.8	10.2	NO
SE	4.6	9.0	5.3	9.7	NO
SW	4.6	9.0	5.5	9.9	NO
NW	3.0	7.4	3.5	7.9	NO
Lincoln Blvd. and Washington Blvd. - AM					
NE	4.0	8.4	4.1	8.5	NO
SE	4.8	9.2	5.0	9.4	NO
SW	6.0	10.4	6.2	10.6	NO
NW	3.8	8.2	4.0	8.4	NO
Lincoln Blvd. and Washington Blvd. - PM					
NE	5.8	10.2	6.0	10.4	NO
SE	5.2	9.6	5.8	10.2	NO
SW	5.9	10.3	6.8	11.2	NO
NW	5.3	9.7	5.5	9.9	NO

a Based on guidance provided by the [AQMD Air Quality Analysis Guidance Handbook](#).

b The 1-hour traffic contribution (ppm) is determined by inputting total traffic volumes into the CALINE4 model.

c The estimated local concentration is the traffic contribution + the background concentration.

d The California Ambient Air Quality Standard for 1-hour CO concentrations is 20 ppm.

Playa Vista Second Phase Project

CALINE4 Modeling Results and Estimated Local 8-Hour Carbon Monoxide Concentrations (ppm)

Projected Background 8-Hour CO Concentrations (ppm) ^a		Average Persistence Factor = 0.70	
Monitoring Station: West L.A.			
Year 2010	<u>8-Hr Concentration</u> 2.8		

Intersection and Receptor Locations	Future Without Project		Future With Project		
	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Exceedance of Significance Threshold ^d
I-405 SB Ramps and Jefferson Blvd. - AM					
NE	0.9	3.7	1.0	3.8	NO
SE	1.1	3.9	1.1	3.9	NO
SW	1.3	4.1	1.4	4.2	NO
NW	1.1	3.9	1.2	4.0	NO
I-405 SB Ramps and Jefferson Blvd. - PM					
NE	0.9	3.7	1.0	3.8	NO
SE	1.2	4.0	1.3	4.1	NO
SW	1.4	4.2	1.5	4.3	NO
NW	1.1	3.9	1.2	4.0	NO
Lincoln Blvd. and Jefferson Blvd. - AM					
NE	2.0	4.8	2.0	4.8	NO
SE	1.7	4.5	1.8	4.6	NO
SW	2.0	4.8	2.0	4.8	NO
NW	2.0	4.8	2.1	4.9	NO
Lincoln Blvd. and Jefferson Blvd. - PM					
NE	2.2	5.0	3.2	6.0	NO
SE	1.9	4.7	3.3	6.1	NO
SW	2.5	5.3	3.4	6.2	NO
NW	2.6	5.4	3.4	6.2	NO
Lincoln Blvd. and Manchester Ave. - AM					
NE	2.0	4.8	2.1	4.9	NO
SE	2.0	4.8	2.1	4.9	NO
SW	2.2	5.0	2.3	5.1	NO
NW	2.7	5.5	2.8	5.6	NO
Lincoln Blvd. and Manchester Ave. - PM					
NE	2.2	5.0	2.3	5.1	NO
SE	2.2	5.0	2.3	5.1	NO
SW	2.0	4.8	2.1	4.9	NO
NW	2.1	4.9	2.2	5.0	NO
Lincoln Blvd. and Bluff Creek Dr. - AM					
NE	2.2	5.0	2.4	5.2	NO
SE	2.2	5.0	2.4	5.2	NO
SW	2.5	5.3	2.7	5.5	NO
NW	1.8	4.6	2.0	4.8	NO
Lincoln Blvd. and Bluff Creek Dr. - PM					
NE	2.9	5.7	3.2	6.0	NO
SE	2.6	5.4	3.0	5.8	NO
SW	2.7	5.5	3.3	6.1	NO
NW	1.9	4.7	2.2	5.0	NO
Lincoln Blvd. and Washington Blvd. - AM					
NE	2.3	5.1	2.5	5.3	NO
SE	2.7	5.5	2.8	5.6	NO
SW	3.1	5.9	3.2	6.0	NO
NW	2.2	5.0	2.4	5.2	NO
Lincoln Blvd. and Washington Blvd. - PM					
NE	3.2	6.0	3.3	6.1	NO
SE	2.9	5.7	3.3	6.1	NO
SW	3.2	6.0	3.6	6.4	NO
NW	3.0	5.8	3.2	6.0	NO

a Based on guidance provided by the AQMD Air Quality Analysis Guidance Handbook.

b The persistence factor is calculated as recommended in Table B.15 in the [Transportation Project-Level Carbon Monoxide Protocol](#) (Institute of Transportation Studies, UC Davis, Revised 1997). This is a generalized persistence factor likely to provide a conservative estimate in most situations.

c The estimated local concentration is the traffic contribution + the background concentration.

d The California Ambient Air Quality Standard for 8-hour CO concentrations is 9 ppm.

Playa Vista Second Phase Project

CALINE4 Modeling Results and Estimated Local 1-Hour Carbon Monoxide Concentrations (ppm)

Projected Background 1-Hour CO Concentrations (ppm) ^a

Monitoring Station: [West L.A.](#)

Year 1-Hr Concentration
2010 4.4

Intersection and Receptor Locations	Future Without Project		Future With Project		
	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Exceedance of Significance Threshold ^d
Sepulveda Blvd. and Manchester Blvd. - AM					
NE	3.8	8.2	4.0	8.4	NO
SE	3.2	7.6	3.3	7.7	NO
SW	3.4	7.8	3.5	7.9	NO
NW	3.4	7.8	3.5	7.9	NO
Sepulveda Blvd. and Manchester Blvd. - PM					
NE	3.9	8.3	4.2	8.6	NO
SE	4.2	8.6	4.4	8.8	NO
SW	5.0	9.4	5.3	9.7	NO
NW	4.9	9.3	5.2	9.6	NO
Inglewood Blvd. and Culver Blvd. - AM					
NE	1.6	6.0	1.7	6.1	NO
SE	1.7	6.1	1.8	6.2	NO
SW	1.8	6.2	1.8	6.2	NO
NW	1.7	6.1	1.6	6.0	NO
Inglewood Blvd. and Culver Blvd. - PM					
NE	2.3	6.7	2.4	6.8	NO
SE	2.0	6.4	2.2	6.6	NO
SW	1.8	6.2	2.3	6.7	NO
NW	2.5	6.9	2.6	7.0	NO
Inglewood Blvd. and Jefferson Blvd. - AM					
NE	1.8	6.2	2.0	6.4	NO
SE	1.4	5.8	1.5	5.9	NO
SW	1.4	5.8	1.9	6.3	NO
NW	1.9	6.3	2.1	6.5	NO
Inglewood Blvd. and Jefferson Blvd. - PM					
NE	1.6	6.0	1.8	6.2	NO
SE	1.7	6.1	1.9	6.3	NO
SW	1.5	5.9	1.7	6.1	NO
NW	1.7	6.1	1.9	6.3	NO
Overland Ave. and Culver Blvd. - AM					
NE	2.1	6.5	2.2	6.6	NO
SE	1.9	6.3	2.0	6.4	NO
SW	2.1	6.5	2.2	6.6	NO
NW	1.9	6.3	2.3	6.7	NO
Overland Ave. and Culver Blvd. - PM					
NE	1.8	6.2	2.0	6.4	NO
SE	1.9	6.3	2.1	6.5	NO
SW	1.9	6.3	1.9	6.3	NO
NW	1.8	6.2	1.9	6.3	NO
Lincoln Blvd. and Ocean Park Blvd. - AM					
NE	2.1	6.5	2.2	6.6	NO
SE	2.5	6.9	2.6	7.0	NO
SW	2.7	7.1	2.7	7.1	NO
NW	2.4	6.8	2.4	6.8	NO
Lincoln Blvd. and Ocean Park Blvd. - PM					
NE	2.6	7.0	2.7	7.1	NO
SE	2.7	7.1	2.8	7.2	NO
SW	3.2	7.6	3.3	7.7	NO
NW	2.8	7.2	2.9	7.3	NO

a Based on guidance provided by the [AQMD Air Quality Analysis Guidance Handbook](#).

b The 1-hour traffic contribution (ppm) is determined by inputting total traffic volumes into the CALINE4 model.

c The estimated local concentration is the traffic contribution + the background concentration.

d The California Ambient Air Quality Standard for 1-hour CO concentrations is 20 ppm.

Playa Vista Second Phase Project

CALINE4 Modeling Results and Estimated Local 8-Hour Carbon Monoxide Concentrations (ppm)

Projected Background 8-Hour CO Concentrations (ppm) ^a			Average Persistence Factor = 0.70	
Monitoring Station: West L.A.				
<u>Year</u> 2010	<u>8-Hr Concentration</u> 2.8			

Intersection and Receptor Locations	Future Without Project		Future With Project		
	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Exceedance of Significance Threshold ^d
Sepulveda Blvd. and Manchester Blvd. - AM					
NE	2.0	4.8	2.0	4.8	NO
SE	1.8	4.6	1.9	4.7	NO
SW	2.0	4.8	2.0	4.8	NO
NW	2.0	4.8	2.1	4.9	NO
Sepulveda Blvd. and Manchester Blvd. - PM					
NE	2.3	5.1	2.5	5.3	NO
SE	2.4	5.2	2.5	5.3	NO
SW	2.9	5.7	3.1	5.9	NO
NW	2.9	5.7	3.0	5.8	NO
Inglewood Blvd. and Culver Blvd. - AM					
NE	0.9	3.7	0.9	3.7	NO
SE	0.9	3.7	0.9	3.7	NO
SW	0.9	3.7	1.0	3.8	NO
NW	0.9	3.7	0.9	3.7	NO
Inglewood Blvd. and Culver Blvd. - PM					
NE	1.3	4.1	1.3	4.1	NO
SE	1.1	3.9	1.2	4.0	NO
SW	1.1	3.9	1.2	4.0	NO
NW	1.3	4.1	1.3	4.1	NO
Inglewood Blvd. and Jefferson Blvd. - AM					
NE	0.9	3.7	1.0	3.8	NO
SE	0.8	3.6	0.9	3.7	NO
SW	0.9	3.7	1.1	3.9	NO
NW	1.1	3.9	1.2	4.0	NO
Inglewood Blvd. and Jefferson Blvd. - PM					
NE	0.9	3.7	1.1	3.9	NO
SE	1.1	3.9	1.1	3.9	NO
SW	1.0	3.8	1.1	3.9	NO
NW	0.9	3.7	1.0	3.8	NO
Overland Ave. and Culver Blvd. - AM					
NE	1.2	4.0	1.3	4.1	NO
SE	1.2	4.0	1.3	4.1	NO
SW	1.2	4.0	1.2	4.0	NO
NW	1.3	4.1	1.3	4.1	NO
Overland Ave. and Culver Blvd. - PM					
NE	1.1	3.9	1.2	4.0	NO
SE	1.1	3.9	1.1	3.9	NO
SW	1.1	3.9	1.1	3.9	NO
NW	1.1	3.9	1.2	4.0	NO
Lincoln Blvd. and Ocean Park Blvd. - AM					
NE	1.3	4.1	1.3	4.1	NO
SE	1.4	4.2	1.4	4.2	NO
SW	1.3	4.1	1.3	4.1	NO
NW	1.3	4.1	1.3	4.1	NO
Lincoln Blvd. and Ocean Park Blvd. - PM					
NE	1.3	4.1	1.4	4.2	NO
SE	1.4	4.2	1.4	4.2	NO
SW	1.7	4.5	1.8	4.6	NO
NW	1.5	4.3	1.5	4.3	NO

a Based on guidance provided by the AQMD Air Quality Analysis Guidance Handbook.

b The persistence factor is calculated as recommended in Table B.15 in the [Transportation Project-Level Carbon Monoxide Protocol](#) (Institute of Transportation Studies, UC Davis, Revised 1997). This is a generalized persistence factor likely to provide a conservative estimate in most situations.

c The estimated local concentration is the traffic contribution + the background concentration.

d The California Ambient Air Quality Standard for 8-hour CO concentrations is 9 ppm.

Playa Vista Second Phase Project

CALINE4 Modeling Results and Estimated Local 1-Hour Carbon Monoxide Concentrations (ppm)

Projected Background 1-Hour CO Concentrations (ppm) ^a

Monitoring Station: [West L.A.](#)

<u>Year</u>	<u>1-Hr Concentration</u>
2010	4.4

Intersection and Receptor Locations	Future Without Project		Future With Project		
	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Exceedance of Significance Threshold ^d
Sepulveda Blvd. and Westchester Pkwy. - AM					
NE	3.4	7.8	3.3	7.7	NO
SE	2.6	7.0	2.7	7.1	NO
SW	2.8	7.2	2.9	7.3	NO
NW	3.3	7.7	3.4	7.8	NO
Sepulveda Blvd. and Westchester Pkwy. - PM					
NE	3.4	7.8	3.6	8.0	NO
SE	3.2	7.6	3.3	7.7	NO
SW	3.4	7.8	3.6	8.0	NO
NW	3.9	8.3	4.1	8.5	NO

a Based on guidance provided by the [AQMD Air Quality Analysis Guidance Handbook](#).

b The 1-hour traffic contribution (ppm) is determined by inputting total traffic volumes into the CALINE4 model.

c The estimated local concentration is the traffic contribution + the background concentration.

d The California Ambient Air Quality Standard for 1-hour CO concentrations is 20 ppm.

Playa Vista Second Phase Project

CALINE4 Modeling Results and Estimated Local 8-Hour Carbon Monoxide Concentrations (ppm)

Projected Background 8-Hour CO Concentrations (ppm) ^a		Average Persistence Factor = 0.70	
Monitoring Station: West L.A.			
<u>Year</u> 2010	<u>8-Hr Concentration</u> 2.8		

Intersection and Receptor Locations	Future Without Project		Future With Project		
	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Exceedance of Significance Threshold ^d
Sepulveda Blvd. and Westchester Pkwy. - AM					
NE	1.6	4.4	1.7	4.5	NO
SE	1.4	4.2	1.5	4.3	NO
SW	1.5	4.3	1.5	4.3	NO
NW	1.9	4.7	1.9	4.7	NO
Sepulveda Blvd. and Westchester Pkwy. - PM					
NE	1.9	4.7	2.0	4.8	NO
SE	1.7	4.5	1.8	4.6	NO
SW	1.8	4.6	2.0	4.8	NO
NW	2.2	5.0	2.3	5.1	NO

a Based on guidance provided by the AQMD Air Quality Analysis Guidance Handbook.

b The persistence factor is calculated as recommended in Table B.15 in the [Transportation Project-Level Carbon Monoxide Protocol](#) (Institute of Transportation Studies, UC Davis, Revised 1997). This is a generalized persistence factor likely to provide a conservative estimate in most situations.

c The estimated local concentration is the traffic contribution + the background concentration.

d The California Ambient Air Quality Standard for 8-hour CO concentrations is 9 ppm.

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

JOB: Centinela and Jefferson AM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	264	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	225	7.6	.0	22.5
C. ND	*	11 0 11 150	*	AG	910	3.3	.0	13.5
D. NE	*	11 150 11 450	*	AG	910	2.5	.0	19.5
E. SF	*	-9 450 -9 150	*	AG	1702	2.5	.0	15.0
F. SA	*	-9 150 -9 0	*	AG	1115	8.4	.0	18.0
G. SD	*	-9 0 -9 -150	*	AG	962	4.2	.0	9.9
H. SE	*	-9 -150 -9 -450	*	AG	962	2.5	.0	15.0
I. WF	*	450 11 150 11	*	AG	2034	2.2	.0	19.5
J. WA	*	150 11 0 11	*	AG	1825	5.1	.0	22.5
K. WD	*	0 11 -150 11	*	AG	1924	2.6	.0	13.5
L. WE	*	-150 11 -450 11	*	AG	1924	2.2	.0	19.5
M. EF	*	-450 -11 -150 -11	*	AG	1300	2.2	.0	19.5
N. EA	*	-150 -11 0 -11	*	AG	1041	4.4	.0	22.5
O. ED	*	0 -11 150 -11	*	AG	1504	2.5	.0	13.5
P. EE	*	150 -11 450 -11	*	AG	1504	2.2	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	39	7.6	.0	9.9
R. SL	*	0 0 -7 150	*	AG	587	8.4	.0	9.9
S. WL	*	0 0 150 7	*	AG	209	4.4	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	259	4.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 21 1.8
2. SE3	*	21 -21 1.8
3. SW3	*	-17 -21 1.8
4. NW3	*	-17 21 1.8
5. NE7	*	25 25 1.8
6. SE7	*	25 -25 1.8
7. SW7	*	-20 -25 1.8
8. NW7	*	-20 25 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

*	PRED	*	CONC/LINK
BRG	CONC	*	(PPM)

07-cejeamnp													
RECEPTOR	*	(DEG)	*	(PPM)	*	A	B	C	D	E	F	G	H
	*		*		*								
1. NE3	*	263.	*	1.8	*	.0	.0	.2	.0	.0	.3	.0	.0
2. SE3	*	347.	*	1.6	*	.0	.0	.3	.0	.0	.4	.0	.0
3. SW3	*	5.	*	2.1	*	.0	.0	.0	.1	.1	1.1	.0	.0
4. NW3	*	95.	*	2.1	*	.0	.0	.0	.0	.0	.5	.0	.0
5. NE7	*	255.	*	1.5	*	.0	.0	.1	.0	.0	.3	.0	.0
6. SE7	*	345.	*	1.5	*	.0	.0	.2	.0	.0	.4	.0	.0
7. SW7	*	7.	*	1.8	*	.0	.0	.0	.1	.0	1.0	.0	.0
8. NW7	*	97.	*	1.9	*	.0	.0	.0	.0	.0	.5	.0	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.4	.5	.0	.1	.0	.0	.0	.0	.2	.0	.0
2. SE3	*	.0	.3	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0
3. SW3	*	.0	.0	.1	.0	.0	.2	.0	.0	.0	.3	.0	.0
4. NW3	*	.1	1.0	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0
5. NE7	*	.0	.3	.3	.0	.0	.2	.0	.0	.0	.2	.0	.0
6. SE7	*	.0	.3	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0
7. SW7	*	.0	.0	.1	.0	.0	.2	.0	.0	.0	.3	.0	.0
8. NW7	*	.0	.8	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0

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

JOB: Centinela and Jefferson AM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	403	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	364	7.8	.0	22.5
C. ND	*	11 0 11 150	*	AG	1185	3.7	.0	13.5
D. NE	*	11 150 11 450	*	AG	1185	2.5	.0	19.5
E. SF	*	-9 450 -9 150	*	AG	1786	2.5	.0	15.0
F. SA	*	-9 150 -9 0	*	AG	1199	8.7	.0	18.0
G. SD	*	-9 0 -9 -150	*	AG	934	4.3	.0	9.9
H. SE	*	-9 -150 -9 -450	*	AG	934	2.5	.0	15.0
I. WF	*	450 11 150 11	*	AG	2188	2.2	.0	19.5
J. WA	*	150 11 0 11	*	AG	1958	5.2	.0	22.5
K. WD	*	0 11 -150 11	*	AG	2136	2.8	.0	13.5
L. WE	*	-150 11 -450 11	*	AG	2136	2.2	.0	19.5
M. EF	*	-450 -11 -150 -11	*	AG	1564	2.2	.0	19.5
N. EA	*	-150 -11 0 -11	*	AG	1104	4.6	.0	22.5
O. ED	*	0 -11 150 -11	*	AG	1686	2.7	.0	13.5
P. EE	*	150 -11 450 -11	*	AG	1686	2.2	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	39	7.8	.0	9.9
R. SL	*	0 0 -7 150	*	AG	587	8.7	.0	9.9
S. WL	*	0 0 150 7	*	AG	230	4.6	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	460	4.6	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 21 1.8
2. SE3	*	21 -21 1.8
3. SW3	*	-17 -21 1.8
4. NW3	*	-17 21 1.8
5. NE7	*	25 25 1.8
6. SE7	*	25 -25 1.8
7. SW7	*	-20 -25 1.8
8. NW7	*	-20 25 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.	*	2.1	*	.0	.0	.2	.0	.0	.3	.0	.0
2. SE3	*	347.	*	1.9	*	.0	.1	.4	.0	.0	.5	.0	.0
3. SW3	*	5.	*	2.3	*	.0	.0	.0	.1	.1	1.2	.0	.0
4. NW3	*	95.	*	2.3	*	.0	.0	.1	.0	.0	.6	.0	.0
5. NE7	*	255.	*	1.8	*	.0	.0	.2	.0	.0	.3	.0	.0
6. SE7	*	345.	*	1.7	*	.0	.0	.3	.0	.0	.4	.0	.0
7. SW7	*	7.	*	2.1	*	.0	.0	.0	.1	.0	1.1	.0	.0
8. NW7	*	98.	*	2.1	*	.0	.0	.1	.0	.0	.6	.0	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	* * * * *	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.4	.6	.0	.1	.0	.0	.0	.0	.2	.0	.0
2. SE3	*	.0	.3	.0	.0	.0	.0	.3	.0	.0	.3	.0	.0
3. SW3	*	.0	.0	.2	.0	.0	.3	.0	.0	.0	.3	.0	.0
4. NW3	*	.1	1.0	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0
5. NE7	*	.0	.3	.4	.0	.0	.2	.0	.0	.0	.2	.0	.1
6. SE7	*	.0	.3	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0
7. SW7	*	.0	.0	.2	.0	.0	.3	.0	.0	.0	.3	.0	.0
8. NW7	*	.0	.9	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0

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

JOB: Centinela and Jefferson PM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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) X1 Y1 X2 Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11 -450 11 -150	*	AG	1032	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	775	7.6	.0	22.5
C. ND	*	11 0 11 150	*	AG	1466	3.6	.0	13.5
D. NE	*	11 150 11 450	*	AG	1466	2.5	.0	19.5
E. SF	*	-9 450 -9 150	*	AG	1052	2.5	.0	15.0
F. SA	*	-9 150 -9 0	*	AG	355	7.6	.0	18.0
G. SD	*	-9 0 -9 -150	*	AG	279	3.1	.0	9.9
H. SE	*	-9 -150 -9 -450	*	AG	279	2.5	.0	15.0
I. WF	*	450 11 150 11	*	AG	1426	2.5	.0	19.5
J. WA	*	150 11 0 11	*	AG	1296	5.4	.0	22.5
K. WD	*	0 11 -150 11	*	AG	1480	2.9	.0	13.5
L. WE	*	-150 11 -450 11	*	AG	1480	2.5	.0	19.5
M. EF	*	-450 -11 -150 -11	*	AG	1753	2.5	.0	19.5
N. EA	*	-150 -11 0 -11	*	AG	1209	5.1	.0	22.5
O. ED	*	0 -11 150 -11	*	AG	2038	3.1	.0	13.5
P. EE	*	150 -11 450 -11	*	AG	2038	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	257	7.6	.0	9.9
R. SL	*	0 0 -7 150	*	AG	697	7.6	.0	9.9
S. WL	*	0 0 150 7	*	AG	130	5.1	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	544	5.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X Y Z
1. NE3	*	21 21 1.8
2. SE3	*	21 -21 1.8
3. SW3	*	-17 -21 1.8
4. NW3	*	-17 21 1.8
5. NE7	*	25 25 1.8
6. SE7	*	25 -25 1.8
7. SW7	*	-20 -25 1.8
8. NW7	*	-20 25 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H

09-cejepmnp												
	*	*	*	*	*	*	*	*	*	*	*	*
1. NE3	*	259.	*	1.7	*	.0	.0	.3	.0	.0	.0	.0
2. SE3	*	349.	*	1.8	*	.0	.3	.5	.0	.0	.1	.0
3. SW3	*	83.	*	1.5	*	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	96.	*	1.6	*	.0	.0	.2	.0	.0	.2	.0
5. NE7	*	255.	*	1.5	*	.0	.0	.2	.0	.0	.0	.0
6. SE7	*	346.	*	1.5	*	.0	.2	.4	.0	.0	.1	.0
7. SW7	*	8.	*	1.4	*	.0	.0	.0	.2	.0	.3	.0
8. NW7	*	98.	*	1.5	*	.0	.0	.2	.0	.0	.1	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.3	.4	.0	.1	.2	.0	.0	.0	.2	.0	.2
2. SE3	.0	.2	.0	.0	.0	.0	.4	.0	.0	.3	.0	.0
3. SW3	.2	.0	.0	.0	.0	.2	.7	.0	.0	.0	.0	.0
4. NW3	.0	.7	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0
5. NE7	.0	.2	.3	.0	.0	.2	.0	.0	.0	.2	.0	.2
6. SE7	.0	.2	.0	.0	.0	.0	.3	.0	.0	.3	.0	.0
7. SW7	.0	.0	.1	.0	.0	.3	.0	.0	.0	.3	.0	.1
8. NW7	.0	.6	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0

10-cejepmwp

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

JOB: Centinela and Jefferson PM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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= 25.5 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	1047	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	859	7.8	.0	22.5
C. ND	*	11 0 11 150	*	AG	1662	6.0	.0	13.5
D. NE	*	11 150 11 450	*	AG	1662	2.5	.0	19.5
E. SF	*	-9 450 -9 150	*	AG	1183	2.5	.0	15.0
F. SA	*	-9 150 -9 0	*	AG	486	7.8	.0	18.0
G. SD	*	-9 0 -9 -150	*	AG	359	3.2	.0	9.9
H. SE	*	-9 -150 -9 -450	*	AG	359	2.5	.0	15.0
I. WF	*	450 11 150 11	*	AG	1640	2.5	.0	19.5
J. WA	*	150 11 0 11	*	AG	1460	5.2	.0	22.5
K. WD	*	0 11 -150 11	*	AG	1664	3.0	.0	13.5
L. WE	*	-150 11 -450 11	*	AG	1664	2.5	.0	19.5
M. EF	*	-450 -11 -150 -11	*	AG	2095	2.5	.0	19.5
N. EA	*	-150 -11 0 -11	*	AG	1420	5.2	.0	22.5
O. ED	*	0 -11 150 -11	*	AG	2280	3.4	.0	13.5
P. EE	*	150 -11 450 -11	*	AG	2280	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	188	7.8	.0	9.9
R. SL	*	0 0 -7 150	*	AG	697	8.7	.0	9.9
S. WL	*	0 0 150 7	*	AG	180	4.9	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	675	5.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 21 1.8
2. SE3	*	21 -21 1.8
3. SW3	*	-17 -21 1.8
4. NW3	*	-17 21 1.8
5. NE7	*	25 25 1.8
6. SE7	*	25 -25 1.8
7. SW7	*	-20 -25 1.8
8. NW7	*	-20 25 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

* * PRED * CONC/LINK

RECEPTOR	*	BRG (DEG)	*	CONC (PPM)	*	10-cejepmwp (PPM)							
						A	B	C	D	E	F	G	H
1. NE3	*	259.	*	2.3	*	.0	.0	.6	.0	.0	.1	.0	.0
2. SE3	*	350.	*	2.5	*	.0	.3	1.0	.0	.0	.1	.0	.0
3. SW3	*	9.	*	2.0	*	.0	.0	.3	.1	.0	.4	.0	.0
4. NW3	*	96.	*	2.0	*	.0	.0	.3	.0	.0	.2	.0	.0
5. NE7	*	255.	*	2.0	*	.0	.0	.5	.0	.0	.1	.0	.0
6. SE7	*	346.	*	2.2	*	.0	.2	.8	.0	.0	.2	.0	.0
7. SW7	*	11.	*	1.8	*	.0	.0	.3	.0	.0	.4	.0	.0
8. NW7	*	98.	*	1.8	*	.0	.0	.3	.0	.0	.2	.0	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.3	.5	.0	.1	.2	.0	.0	.0	.2	.0	.2
2. SE3	*	.0	.2	.0	.0	.0	.0	.4	.0	.0	.3	.0	.0
3. SW3	*	.0	.0	.1	.0	.0	.4	.0	.0	.0	.5	.0	.1
4. NW3	*	.0	.8	.0	.0	.0	.0	.0	.2	.0	.3	.0	.0
5. NE7	*	.0	.3	.4	.0	.0	.3	.0	.0	.0	.2	.0	.2
6. SE7	*	.0	.2	.0	.0	.0	.0	.4	.0	.0	.4	.0	.0
7. SW7	*	.0	.0	.1	.0	.0	.4	.0	.0	.0	.4	.0	.1
8. NW7	*	.0	.7	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0

11-laceamp

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

JOB: La Tijera and Centinela AM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	1477	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	1192	6.3	.0	22.5
C. ND	*	11 0 11 150	*	AG	1316	3.0	.0	13.5
D. NE	*	11 150 11 450	*	AG	1316	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	1362	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	1329	6.3	.0	18.0
G. SD	*	-11 0 -11 -150	*	AG	1472	3.1	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	1472	2.5	.0	19.5
I. WF	*	450 9 150 9	*	AG	1682	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	1402	6.9	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1854	7.6	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	1854	2.5	.0	15.0
M. EF	*	-450 -9 -150 -9	*	AG	1181	2.5	.0	19.5
N. EA	*	-150 -9 0 -9	*	AG	945	6.3	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	1060	3.0	.0	13.5
P. EE	*	150 -9 450 -9	*	AG	1060	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	285	6.3	.0	9.9
R. SL	*	0 0 -7 150	*	AG	33	6.3	.0	9.9
S. WL	*	0 0 150 7	*	AG	280	6.3	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	236	6.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 17 1.8
2. SE3	*	21 -21 1.8
3. SW3	*	-21 -21 1.8
4. NW3	*	-21 17 1.8
5. NE7	*	25 20 1.8
6. SE7	*	25 -25 1.8
7. SW7	*	-25 -25 1.8
8. NW7	*	-25 20 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
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11-laceamnp												
	*	*	*									
1. NE3	*	264.	*	3.0	*	.0	.0	.2	.0	.0	.2	.0
2. SE3	*	282.	*	1.8	*	.0	.4	.0	.0	.0	.0	.1
3. SW3	*	6.	*	1.9	*	.0	.0	.0	.1	.0	.9	.0
4. NW3	*	166.	*	2.3	*	.0	.3	.0	.0	.0	.3	.4
5. NE7	*	258.	*	2.3	*	.0	.0	.2	.0	.0	.2	.0
6. SE7	*	285.	*	1.6	*	.0	.4	.0	.0	.0	.0	.1
7. SW7	*	8.	*	1.6	*	.0	.0	.0	.1	.0	.8	.0
8. NW7	*	160.	*	1.8	*	.0	.3	.0	.0	.0	.2	.3

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.6	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.5	.0	.0	.5	.0	.0	.0	.0	.0	.1
3. SW3	.0	.0	.4	.0	.0	.3	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.9	.0	.0	.2	.0	.0	.1	.0	.0	.0
5. NE7	.0	.3	1.1	.0	.0	.3	.0	.0	.0	.0	.0	.1
6. SE7	.0	.0	.5	.0	.0	.4	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.3	.0	.0	.3	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.7	.0	.0	.2	.0	.0	.1	.0	.0	.0

12-laceamwp

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

JOB: La Tijera and Centinela AM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	1477	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	1192	6.5	.0	22.5
C. ND	*	11 0 11 150	*	AG	1347	3.2	.0	13.5
D. NE	*	11 150 11 450	*	AG	1347	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	1377	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	1344	7.1	.0	18.0
G. SD	*	-11 0 -11 -150	*	AG	1472	3.2	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	1472	2.5	.0	19.5
I. WF	*	450 9 150 9	*	AG	1722	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	1442	7.1	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1909	9.7	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	1909	2.5	.0	15.0
M. EF	*	-450 -9 -150 -9	*	AG	1259	2.5	.0	19.5
N. EA	*	-150 -9 0 -9	*	AG	992	6.5	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	1107	3.1	.0	13.5
P. EE	*	150 -9 450 -9	*	AG	1107	2.5	.0	19.5
Q. NL	*	7 -150 0 0	*	AG	285	6.5	.0	9.9
R. SL	*	-7 150 0 0	*	AG	33	6.5	.0	9.9
S. WL	*	150 7 0 0	*	AG	280	6.5	.0	9.9
T. EL	*	-150 -7 0 0	*	AG	267	6.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 17 1.8
2. SE3	*	21 -21 1.8
3. SW3	*	-21 -21 1.8
4. NW3	*	-21 17 1.8
5. NE7	*	25 20 1.8
6. SE7	*	25 -25 1.8
7. SW7	*	-25 -25 1.8
8. NW7	*	-25 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	A	B	C	D	E	F	G	H
	*		CONC/ LINK (PPM)									

12-laceamwp												
	*	*	*									
1. NE3	*	264.	*	3.6	*	.0	.0	.2	.0	.0	.3	.0
2. SE3	*	284.	*	2.0	*	.0	.4	.0	.0	.0	.1	.0
3. SW3	*	6.	*	2.2	*	.0	.0	.0	.2	.0	1.0	.0
4. NW3	*	166.	*	2.7	*	.0	.3	.0	.0	.0	.4	.4
5. NE7	*	258.	*	2.7	*	.0	.0	.2	.0	.0	.3	.0
6. SE7	*	285.	*	1.8	*	.0	.4	.0	.0	.0	.0	.1
7. SW7	*	8.	*	1.9	*	.0	.0	.0	.1	.0	.9	.0
8. NW7	*	124.	*	2.2	*	.0	.2	.0	.0	.0	.5	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK											
	*	(PPM)											
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.6	2.0	.0	.2	.1	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.7	.0	.0	.5	.0	.0	.0	.0	.0	.1
3. SW3	*	.0	.0	.5	.0	.0	.3	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	1.1	.0	.0	.2	.0	.0	.1	.0	.0	.0
5. NE7	*	.0	.3	1.4	.0	.0	.3	.0	.0	.0	.0	.0	.1
6. SE7	*	.0	.0	.6	.0	.0	.5	.0	.0	.0	.0	.0	.1
7. SW7	*	.0	.0	.5	.0	.0	.3	.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.1	1.1	.0	.0	.0	.1	.0	.0	.0	.0	.0

13-lacepmnp

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

JOB: La Tijera and Centinela PM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	1682	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	1510	6.3	.0	22.5
C. ND	*	11 0 11 150	*	AG	1489	3.1	.0	13.5
D. NE	*	11 150 11 450	*	AG	1489	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	1383	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	1306	6.3	.0	18.0
G. SD	*	-11 0 -11 -150	*	AG	1432	3.1	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	1432	2.5	.0	19.5
I. WF	*	450 9 150 9	*	AG	1206	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	989	6.3	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1344	4.2	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	1344	2.5	.0	15.0
M. EF	*	-450 -9 -150 -9	*	AG	1671	2.5	.0	19.5
N. EA	*	-150 -9 0 -9	*	AG	1451	7.6	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	1677	3.6	.0	13.5
P. EE	*	150 -9 450 -9	*	AG	1677	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	172	5.8	.0	9.9
R. SL	*	0 0 -7 150	*	AG	77	5.8	.0	9.9
S. WL	*	0 0 150 7	*	AG	217	6.3	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	220	6.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 17 1.8
2. SE3	*	21 -21 1.8
3. SW3	*	-21 -21 1.8
4. NW3	*	-21 17 1.8
5. NE7	*	25 20 1.8
6. SE7	*	25 -25 1.8
7. SW7	*	-25 -25 1.8
8. NW7	*	-25 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

*	PRED	*	CONC/LINK
BRG	CONC	*	(PPM)

RECEPTOR	13-lacepmnp											
	(DEG)	(PPM)	A	B	C	D	E	F	G	H		
1. NE3	260.	2.1	.0	.0	.3	.0	.0	.2	.0	.0		
2. SE3	278.	2.1	.0	.5	.0	.0	.0	.0	.1	.0		
3. SW3	6.	2.0	.0	.0	.0	.2	.0	.9	.0	.0		
4. NW3	166.	2.0	.0	.4	.0	.0	.0	.3	.4	.0		
5. NE7	256.	1.8	.0	.0	.2	.0	.0	.2	.0	.0		
6. SE7	280.	1.8	.0	.5	.0	.0	.0	.0	.1	.0		
7. SW7	8.	1.7	.0	.0	.0	.2	.0	.7	.0	.0		
8. NW7	160.	1.6	.0	.4	.0	.0	.0	.2	.3	.0		

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.4	.6	.0	.0	.5	.0	.0	.0	.0	.0	.1
2. SE3	.0	.0	.0	.1	.0	1.1	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.2	.0	.0	.6	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.3	.0	.0	.4	.0	.0	.0	.0	.0	.0
5. NE7	.0	.2	.4	.0	.0	.5	.0	.0	.0	.0	.0	.1
6. SE7	.0	.0	.0	.1	.0	.9	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.1	.0	.0	.5	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	.3	.0	.0	.4	.0	.0	.0	.0	.0	.0

14-lacepmwp

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

JOB: La Tijera and Centinela PM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	1682	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	1510	6.5	.0	22.5
C. ND	*	11 0 11 150	*	AG	1511	3.2	.0	13.5
D. NE	*	11 150 11 450	*	AG	1511	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	1419	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	1342	6.5	.0	18.0
G. SD	*	-11 0 -11 -150	*	AG	1432	3.2	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	1432	2.5	.0	19.5
I. WF	*	450 9 150 9	*	AG	1247	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	1030	7.1	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1421	4.1	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	1421	2.5	.0	15.0
M. EF	*	-450 -9 -150 -9	*	AG	1728	2.5	.0	19.5
N. EA	*	-150 -9 0 -9	*	AG	1486	7.1	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	1712	3.5	.0	13.5
P. EE	*	150 -9 450 -9	*	AG	1712	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	172	6.5	.0	9.9
R. SL	*	0 0 -7 150	*	AG	77	6.5	.0	9.9
S. WL	*	0 0 150 7	*	AG	217	6.5	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	242	6.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 17 1.8
2. SE3	*	21 -21 1.8
3. SW3	*	-21 -21 1.8
4. NW3	*	-21 17 1.8
5. NE7	*	25 20 1.8
6. SE7	*	25 -25 1.8
7. SW7	*	-25 -25 1.8
8. NW7	*	-25 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	*	PRED CONC (PPM)	*	A	B	C	D	E	F	G	H
	*		*	CONC/ LINK (PPM)	*								

14-lacepmwp												
	*	*	*									
1. NE3	*	260.	*	2.2	*	.0	.0	.3	.0	.0	.3	.0
2. SE3	*	278.	*	2.1	*	.0	.5	.0	.0	.0	.0	.1
3. SW3	*	6.	*	2.0	*	.0	.0	.0	.2	.0	1.0	.0
4. NW3	*	166.	*	2.0	*	.0	.4	.0	.0	.0	.3	.4
5. NE7	*	256.	*	1.8	*	.0	.0	.2	.0	.0	.2	.0
6. SE7	*	280.	*	1.8	*	.0	.5	.0	.0	.0	.0	.1
7. SW7	*	8.	*	1.7	*	.0	.0	.0	.2	.0	.8	.0
8. NW7	*	97.	*	1.7	*	.0	.0	.1	.0	.0	.4	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.4	.6	.0	.0	.4	.0	.0	.0	.0	.0	.1
2. SE3	.0	.0	.0	.2	.0	1.0	.0	.0	.0	.0	.0	.1
3. SW3	.0	.0	.2	.0	.0	.6	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.4	.0	.0	.4	.0	.0	.0	.0	.0	.0
5. NE7	.0	.3	.4	.0	.0	.5	.0	.0	.0	.0	.0	.1
6. SE7	.0	.0	.0	.1	.0	.8	.0	.0	.0	.0	.0	.1
7. SW7	.0	.0	.2	.0	.0	.5	.0	.0	.0	.0	.0	.0
8. NW7	.0	.7	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0

15-seceamnp

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

JOB: Sepulveda and Centinela AM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	3333	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	2199	5.4	.0	22.5
C. ND	*	11 0 11 150	*	AG	2190	3.0	.0	13.5
D. NE	*	11 150 11 450	*	AG	2190	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	1865	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	1674	5.1	.0	22.5
G. SD	*	-11 0 -11 -150	*	AG	2823	3.8	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	2823	2.5	.0	19.5
I. WF	*	450 9 150 9	*	AG	1463	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	1089	8.4	.0	18.0
K. WD	*	0 9 -150 9	*	AG	2148	17.7	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	2148	2.5	.0	15.0
M. EF	*	-450 -11 -150 -11	*	AG	1704	2.5	.0	19.5
N. EA	*	-150 -11 0 -11	*	AG	1604	9.4	.0	18.0
O. ED	*	0 -11 150 -11	*	AG	1204	3.4	.0	13.5
P. EE	*	150 -11 450 -11	*	AG	1204	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	1134	6.3	.0	9.9
R. SL	*	0 0 -7 150	*	AG	191	5.1	.0	9.9
S. WL	*	0 0 150 7	*	AG	374	7.6	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	100	7.6	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 17 1.8
2. SE3	*	21 -21 1.8
3. SW3	*	-21 -21 1.8
4. NW3	*	-21 17 1.8
5. NE7	*	25 20 1.8
6. SE7	*	25 -25 1.8
7. SW7	*	-25 -25 1.8
8. NW7	*	-25 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

*	PRED	*	CONC/LINK
BRG	CONC	*	(PPM)

RECEPTOR	15-seceamnp											
	(DEG)	(PPM)	A	B	C	D	E	F	G	H		
1. NE3	264.	5.7	.0	.0	.4	.0	.0	.3	.0	.0		
2. SE3	284.	3.8	.0	.6	.0	.0	.0	.0	.3	.0		
3. SW3	26.	3.1	.0	.0	.2	.0	.0	.3	.6	.0		
4. NW3	167.	4.9	.0	.4	.0	.0	.0	.3	.9	.0		
5. NE7	258.	4.4	.0	.0	.3	.0	.0	.2	.0	.0		
6. SE7	285.	3.5	.0	.6	.0	.0	.0	.0	.3	.0		
7. SW7	7.	2.8	.0	.0	.0	.2	.0	.7	.0	.0		
8. NW7	164.	4.0	.0	.4	.0	.0	.0	.2	.7	.0		

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.5	4.1	.0	.2	.2	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	1.4	.0	.0	1.1	.1	.0	.3	.0	.0	.0
3. SW3	.0	.0	1.0	.0	.0	.9	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	2.3	.0	.0	.5	.0	.0	.4	.0	.0	.0
5. NE7	.0	.3	2.8	.0	.0	.5	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	1.3	.0	.0	1.0	.0	.0	.2	.0	.0	.0
7. SW7	.0	.0	.9	.0	.0	.7	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	1.8	.0	.0	.5	.0	.0	.4	.0	.0	.0

16-seceamwp

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

JOB: Sepulveda and Centinela AM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	3353	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	2199	5.6	.0	22.5
C. ND	*	11 0 11 150	*	AG	2190	3.2	.0	13.5
D. NE	*	11 150 11 450	*	AG	2190	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	1865	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	1674	5.6	.0	22.5
G. SD	*	-11 0 -11 -150	*	AG	2907	5.2	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	2907	2.5	.0	19.5
I. WF	*	450 9 150 9	*	AG	1526	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	1152	8.7	.0	18.0
K. WD	*	0 9 -150 9	*	AG	2231	18.4	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	2231	2.5	.0	15.0
M. EF	*	-450 -11 -150 -11	*	AG	1874	2.5	.0	19.5
N. EA	*	-150 -11 0 -11	*	AG	1774	9.7	.0	18.0
O. ED	*	0 -11 150 -11	*	AG	1290	3.5	.0	13.5
P. EE	*	150 -11 450 -11	*	AG	1290	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	1154	6.5	.0	9.9
R. SL	*	0 0 -7 150	*	AG	191	5.2	.0	9.9
S. WL	*	0 0 150 7	*	AG	374	7.8	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	100	7.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 17 1.8
2. SE3	*	21 -21 1.8
3. SW3	*	-21 -21 1.8
4. NW3	*	-21 17 1.8
5. NE7	*	25 20 1.8
6. SE7	*	25 -25 1.8
7. SW7	*	-25 -25 1.8
8. NW7	*	-25 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	A	B	C	D	E	F	G	H

16-seceamwp												
	*	*	*									
1. NE3	*	263.	*	6.1	*	.0	.0	.4	.0	.0	.3	.0
2. SE3	*	284.	*	4.2	*	.0	.7	.0	.0	.0	.0	.4
3. SW3	*	26.	*	3.6	*	.0	.0	.2	.0	.0	.3	.8
4. NW3	*	168.	*	5.6	*	.1	.4	.0	.0	.0	.3	1.3
5. NE7	*	258.	*	4.7	*	.0	.0	.3	.0	.0	.3	.0
6. SE7	*	285.	*	3.8	*	.0	.6	.0	.0	.0	.0	.4
7. SW7	*	30.	*	3.0	*	.0	.0	.2	.0	.0	.2	.6
8. NW7	*	164.	*	4.6	*	.0	.4	.0	.0	.0	.2	1.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.6	4.3	.0	.2	.3	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	1.5	.0	.0	1.2	.1	.0	.3	.0	.0	.0
3. SW3	.0	.0	1.1	.0	.0	1.1	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	2.4	.0	.0	.5	.0	.0	.4	.0	.0	.0
5. NE7	.0	.3	3.0	.0	.0	.6	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	1.3	.0	.0	1.2	.0	.0	.2	.0	.0	.0
7. SW7	.0	.0	1.0	.0	.0	.9	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	1.9	.0	.0	.5	.0	.0	.4	.0	.0	.0

17-secepmpn

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

JOB: Sepulveda and Centinela PM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	3334	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	2111	5.8	.0	22.5
C. ND	*	11 0 11 150	*	AG	2048	3.3	.0	13.5
D. NE	*	11 150 11 450	*	AG	2048	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	1819	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	1660	5.4	.0	22.5
G. SD	*	-11 0 -11 -150	*	AG	3741	5.8	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	3741	2.5	.0	19.5
I. WF	*	450 9 150 9	*	AG	999	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	597	6.9	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1794	12.3	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	1794	2.5	.0	15.0
M. EF	*	-450 -11 -150 -11	*	AG	2794	2.5	.0	19.5
N. EA	*	-150 -11 0 -11	*	AG	2672	17.7	.0	18.0
O. ED	*	0 -11 150 -11	*	AG	1363	3.4	.0	13.5
P. EE	*	150 -11 450 -11	*	AG	1363	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	1223	6.9	.0	9.9
R. SL	*	0 0 -7 150	*	AG	159	5.4	.0	9.9
S. WL	*	0 0 150 7	*	AG	402	6.9	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	122	6.9	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 17 1.8
2. SE3	*	21 -21 1.8
3. SW3	*	-21 -21 1.8
4. NW3	*	-21 17 1.8
5. NE7	*	25 20 1.8
6. SE7	*	25 -25 1.8
7. SW7	*	-25 -25 1.8
8. NW7	*	-25 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	A	B	C	D	E	F	G	H

17-secepmp												
	*	*	*									
1. NE3	*	259.	*	4.7	*	.0	.0	.4	.0	.0	.3	.0
2. SE3	*	276.	*	6.6	*	.0	.6	.0	.0	.0	.0	.5
3. SW3	*	278.	*	6.5	*	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	169.	*	5.9	*	.2	.3	.0	.0	.0	.3	1.9
5. NE7	*	256.	*	4.2	*	.0	.0	.3	.0	.0	.3	.0
6. SE7	*	280.	*	5.7	*	.0	.6	.0	.0	.0	.0	.5
7. SW7	*	288.	*	4.5	*	.0	.0	.0	.0	.0	.0	.0
8. NW7	*	165.	*	5.0	*	.0	.4	.0	.0	.0	.2	1.4

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK											
	*	(PPM)											
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.2	1.9	.0	.0	1.7	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.2	.1	4.7	.0	.0	.3	.0	.0	.0
3. SW3	*	.0	.0	.0	.2	.0	6.1	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	1.3	.0	.0	1.5	.0	.0	.4	.0	.0	.0
5. NE7	*	.0	.2	1.6	.0	.0	1.8	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	.3	.1	.0	3.8	.0	.0	.3	.0	.0	.0
7. SW7	*	.0	.0	.7	.0	.0	3.7	.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.0	1.1	.0	.0	1.3	.0	.0	.4	.0	.0	.0

18-secepmwp

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

JOB: Sepulveda and Centinela PM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	3542	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	2111	6.5	.0	22.5
C. ND	*	11 0 11 150	*	AG	2050	3.5	.0	13.5
D. NE	*	11 150 11 450	*	AG	2050	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	1822	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	1663	6.0	.0	22.5
G. SD	*	-11 0 -11 -150	*	AG	3918	6.5	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	3918	2.5	.0	19.5
I. WF	*	450 9 150 9	*	AG	1112	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	710	7.1	.0	18.0
K. WD	*	0 9 -150 9	*	AG	2118	15.0	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	2118	2.5	.0	15.0
M. EF	*	-450 -11 -150 -11	*	AG	3040	2.5	.0	19.5
N. EA	*	-150 -11 0 -11	*	AG	2916	18.4	.0	18.0
O. ED	*	0 -11 150 -11	*	AG	1430	3.5	.0	13.5
P. EE	*	150 -11 450 -11	*	AG	1430	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	1431	8.7	.0	9.9
R. SL	*	0 0 -7 150	*	AG	159	5.6	.0	9.9
S. WL	*	0 0 150 7	*	AG	402	7.1	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	124	7.1	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 17 1.8
2. SE3	*	21 -21 1.8
3. SW3	*	-21 -21 1.8
4. NW3	*	-21 17 1.8
5. NE7	*	25 20 1.8
6. SE7	*	25 -25 1.8
7. SW7	*	-25 -25 1.8
8. NW7	*	-25 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

*	PRED	*	CONC/LINK
BRG	CONC	*	(PPM)

RECEPTOR	18-secepmwp											
	(DEG)	(PPM)	A	B	C	D	E	F	G	H		
1. NE3	259.	5.8	.0	.0	.4	.0	.0	.3	.0	.0		
2. SE3	277.	7.5	.0	.7	.0	.0	.0	.0	.6	.0		
3. SW3	279.	7.3	.0	.0	.0	.0	.0	.0	.0	.0		
4. NW3	168.	7.2	.1	.4	.0	.0	.0	.3	2.1	.0		
5. NE7	256.	5.1	.0	.0	.3	.0	.0	.3	.0	.0		
6. SE7	281.	6.6	.0	.7	.0	.0	.0	.0	.6	.0		
7. SW7	288.	5.1	.0	.0	.0	.0	.0	.0	.0	.0		
8. NW7	165.	6.1	.0	.5	.0	.0	.0	.2	1.6	.0		

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.3	2.7	.0	.1	1.9	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.2	.2	.0	5.2	.0	.0	.4	.0	.0	.0
3. SW3	.0	.0	.1	.2	.0	6.8	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	1.9	.0	.0	1.6	.0	.0	.6	.0	.0	.0
5. NE7	.0	.2	2.2	.0	.0	2.0	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.6	.1	.0	4.1	.0	.0	.4	.0	.0	.0
7. SW7	.0	.0	.9	.0	.0	4.1	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	1.5	.0	.0	1.5	.0	.0	.6	.0	.0	.0

19-cujeamnp

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

JOB: Culver and Jefferson AM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	5 -450 5 -150	*	AG	2555	2.5	.0	15.0
B. NA	*	5 -150 5 0	*	AG	2555	9.4	.0	9.9
C. ND	*	5 0 5 150	*	AG	2004	3.4	.0	9.9
D. NE	*	5 150 5 450	*	AG	2004	2.5	.0	15.0
E. SF	*	-5 450 -5 150	*	AG	1364	2.5	.0	15.0
F. SA	*	-5 150 -5 0	*	AG	1348	5.8	.0	9.9
G. SD	*	-5 0 -5 -150	*	AG	2008	3.4	.0	9.9
H. SE	*	-5 -150 -5 -450	*	AG	2008	2.5	.0	15.0
I. WF	*	450 11 150 11	*	AG	673	2.5	.0	10.5
J. WA	*	150 11 0 11	*	AG	13	17.7	.0	13.5
K. WD	*	0 570 0 600	*	AG	0	6.9	.0	9.9
L. WE	*	0 570 0 600	*	AG	0	2.5	.0	10.5
M. EF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
N. EA	*	0 570 0 600	*	AG	0	17.7	.0	9.9
O. ED	*	0 -5 150 -5	*	AG	580	12.3	.0	9.9
P. EE	*	150 -5 450 -5	*	AG	580	2.5	.0	15.0
Q. NL	*	0 600 0 570	*	AG	0	4.2	.0	9.9
R. SL	*	0 600 0 570	*	AG	16	4.2	.0	9.9
S. WL	*	0 0 150 11	*	AG	660	17.7	.0	9.9
T. EL	*	0 600 0 570	*	AG	0	17.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	12 17 1.8
2. SE3	*	12 -12 1.8
3. SW3	*	-12 -12 1.8
4. NW3	*	-12 17 1.8
5. NE7	*	16 20 1.8
6. SE7	*	16 -16 1.8
7. SW7	*	-16 -16 1.8
8. NW7	*	-16 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	A	B	C	D	E	F	G	H

19-cujeamnp												
	*	*	*									
1. NE3	*	186.	*	3.9	*	.0	2.6	.0	.0	.0	.0	.3
2. SE3	*	188.	*	3.1	*	.0	2.7	.0	.0	.0	.0	.3
3. SW3	*	79.	*	3.4	*	.0	.9	.0	.0	.0	.0	.4
4. NW3	*	141.	*	2.1	*	.0	.8	.0	.0	.0	.6	.0
5. NE7	*	189.	*	2.9	*	.0	1.8	.0	.0	.0	.0	.3
6. SE7	*	319.	*	2.3	*	.0	1.0	.0	.0	.0	.3	.0
7. SW7	*	76.	*	2.7	*	.0	.8	.0	.0	.0	.0	.3
8. NW7	*	102.	*	1.7	*	.0	.0	.2	.0	.0	.4	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.5	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	1.1	.0
4. NW3	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	.0
5. NE7	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.4	.0
6. SE7	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.4	.0
7. SW7	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	1.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.7	.0

20-cujeamwp

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

JOB: Culver and Jefferson AM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	5 -450 5 -150	*	AG	2577	2.5	.0	15.0
B. NA	*	5 -150 5 0	*	AG	2577	9.7	.0	9.9
C. ND	*	5 0 5 150	*	AG	2004	3.5	.0	9.9
D. NE	*	5 150 5 450	*	AG	2004	2.5	.0	15.0
E. SF	*	-5 450 -5 150	*	AG	1364	2.5	.0	15.0
F. SA	*	-5 150 -5 0	*	AG	1348	6.0	.0	9.9
G. SD	*	-5 0 -5 -150	*	AG	2059	3.5	.0	9.9
H. SE	*	-5 -150 -5 -450	*	AG	2059	2.5	.0	15.0
I. WF	*	450 11 150 11	*	AG	724	2.5	.0	10.5
J. WA	*	150 11 0 11	*	AG	13	18.4	.0	13.5
K. WD	*	0 570 0 600	*	AG	0	6.0	.0	9.9
L. WE	*	0 570 0 600	*	AG	0	2.5	.0	10.5
M. EF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
N. EA	*	0 570 0 600	*	AG	0	18.4	.0	9.9
O. ED	*	0 -5 150 -5	*	AG	602	11.0	.0	9.9
P. EE	*	150 -5 450 -5	*	AG	602	2.5	.0	15.0
Q. NL	*	0 600 0 570	*	AG	0	4.3	.0	9.9
R. SL	*	0 600 0 570	*	AG	16	4.3	.0	9.9
S. WL	*	0 0 150 11	*	AG	711	18.4	.0	9.9
T. EL	*	0 600 0 570	*	AG	0	18.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	12 17 1.8
2. SE3	*	12 -12 1.8
3. SW3	*	-12 -12 1.8
4. NW3	*	-12 17 1.8
5. NE7	*	16 20 1.8
6. SE7	*	16 -16 1.8
7. SW7	*	-16 -16 1.8
8. NW7	*	-16 20 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
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20-cujeamwp												
	*	*	*									
1. NE3	*	186.	*	4.0	*	.0	2.7	.0	.0	.0	.0	.2
2. SE3	*	188.	*	3.2	*	.0	2.8	.0	.0	.0	.0	.1
3. SW3	*	78.	*	3.5	*	.0	.9	.0	.0	.0	.0	.0
4. NW3	*	141.	*	2.2	*	.0	.8	.0	.0	.0	.6	.0
5. NE7	*	189.	*	3.0	*	.0	1.9	.0	.0	.0	.0	.0
6. SE7	*	320.	*	2.3	*	.0	1.0	.1	.0	.0	.3	.0
7. SW7	*	76.	*	2.8	*	.0	.8	.0	.0	.0	.0	.0
8. NW7	*	102.	*	1.8	*	.0	.0	.2	.0	.0	.4	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.6	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0	1.3	.0
4. NW3	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.4	.0
5. NE7	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.5	.0
6. SE7	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.5	.0
7. SW7	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	1.1	.0
8. NW7	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.8	.0

21-cujepmnp

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

JOB: Culver and Jefferson PM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	5 -450 5 -150	*	AG	1516	2.5	.0	15.0
B. NA	*	5 -150 5 0	*	AG	1516	6.9	.0	9.9
C. ND	*	5 0 5 150	*	AG	1140	2.8	.0	9.9
D. NE	*	5 150 5 450	*	AG	1140	2.5	.0	15.0
E. SF	*	-5 450 -5 150	*	AG	1266	2.5	.0	15.0
F. SA	*	-5 150 -5 0	*	AG	1250	5.4	.0	9.9
G. SD	*	-5 0 -5 -150	*	AG	2501	3.6	.0	9.9
H. SE	*	-5 -150 -5 -450	*	AG	2501	2.5	.0	15.0
I. WF	*	450 11 150 11	*	AG	1253	2.5	.0	10.5
J. WA	*	150 11 0 11	*	AG	2	8.4	.0	13.5
K. WD	*	0 570 0 600	*	AG	0	3.3	.0	9.9
L. WE	*	0 570 0 600	*	AG	0	2.5	.0	10.5
M. EF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
N. EA	*	0 570 0 600	*	AG	0	8.4	.0	9.9
O. ED	*	0 -5 150 -5	*	AG	394	3.3	.0	9.9
P. EE	*	150 -5 450 -5	*	AG	394	2.5	.0	15.0
Q. NL	*	0 600 0 570	*	AG	0	4.4	.0	9.9
R. SL	*	0 600 0 570	*	AG	16	4.4	.0	9.9
S. WL	*	0 0 150 11	*	AG	1251	17.7	.0	9.9
T. EL	*	0 600 0 570	*	AG	0	8.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	12 17 1.8
2. SE3	*	12 -12 1.8
3. SW3	*	-12 -12 1.8
4. NW3	*	-12 17 1.8
5. NE7	*	16 20 1.8
6. SE7	*	16 -16 1.8
7. SW7	*	-16 -16 1.8
8. NW7	*	-16 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

*	PRED	*	CONC/LINK
BRG	CONC	*	(PPM)

21-cujepmnp													
RECEPTOR	*	(DEG)	*	(PPM)	*	A	B	C	D	E	F	G	H
	*		*		*								
1. NE3	*	186.	*	2.8	*	.0	1.3	.0	.0	.0	.0	.3	.2
2. SE3	*	327.	*	2.2	*	.0	.5	.1	.0	.0	.4	.0	.0
3. SW3	*	77.	*	3.2	*	.0	.4	.0	.0	.0	.0	.5	.0
4. NW3	*	97.	*	2.1	*	.0	.0	.1	.0	.0	.4	.0	.0
5. NE7	*	189.	*	2.2	*	.0	.9	.0	.0	.0	.0	.4	.0
6. SE7	*	325.	*	1.7	*	.0	.4	.0	.0	.0	.3	.0	.0
7. SW7	*	76.	*	2.6	*	.0	.4	.0	.0	.0	.0	.4	.0
8. NW7	*	99.	*	1.8	*	.0	.0	.1	.0	.0	.3	.0	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

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	.9	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	2.1	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0
5. NE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0
7. SW7	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	1.6	.0
8. NW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.0

22-cujepmwp

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

JOB: Culver and Jefferson PM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	5 -450 5 -150	*	AG	1570	2.5	.0	15.0
B. NA	*	5 -150 5 0	*	AG	1570	7.1	.0	9.9
C. ND	*	5 0 5 150	*	AG	1140	2.9	.0	9.9
D. NE	*	5 150 5 450	*	AG	1140	2.5	.0	15.0
E. SF	*	-5 450 -5 150	*	AG	1266	2.5	.0	15.0
F. SA	*	-5 150 -5 0	*	AG	1250	5.6	.0	9.9
G. SD	*	-5 0 -5 -150	*	AG	2559	3.9	.0	9.9
H. SE	*	-5 -150 -5 -450	*	AG	2559	2.5	.0	15.0
I. WF	*	450 11 150 11	*	AG	1311	2.5	.0	10.5
J. WA	*	150 11 0 11	*	AG	2	8.7	.0	13.5
K. WD	*	0 570 0 600	*	AG	0	3.4	.0	9.9
L. WE	*	0 570 0 600	*	AG	0	2.5	.0	10.5
M. EF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
N. EA	*	0 570 0 600	*	AG	0	8.7	.0	9.9
O. ED	*	0 -5 150 -5	*	AG	448	3.4	.0	9.9
P. EE	*	150 -5 450 -5	*	AG	448	2.5	.0	15.0
Q. NL	*	0 600 0 570	*	AG	0	4.6	.0	9.9
R. SL	*	0 600 0 570	*	AG	16	4.6	.0	9.9
S. WL	*	0 0 150 11	*	AG	1309	18.4	.0	9.9
T. EL	*	0 600 0 570	*	AG	0	8.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	12 17 1.8
2. SE3	*	12 -12 1.8
3. SW3	*	-12 -12 1.8
4. NW3	*	-12 17 1.8
5. NE7	*	16 20 1.8
6. SE7	*	16 -16 1.8
7. SW7	*	-16 -16 1.8
8. NW7	*	-16 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

*	PRED	*	CONC/LINK
BRG	CONC	*	(PPM)

RECEPTOR	*	(DEG)	*	(PPM)	*	A	B	C	D	E	F	G	H
1. NE3	*	186.	*	3.0	*	.0	1.4	.0	.0	.0	.0	.3	.2
2. SE3	*	327.	*	2.3	*	.0	.6	.1	.0	.0	.4	.0	.0
3. SW3	*	77.	*	3.4	*	.0	.4	.0	.0	.0	.0	.6	.0
4. NW3	*	97.	*	2.2	*	.0	.0	.1	.0	.0	.4	.0	.0
5. NE7	*	189.	*	2.4	*	.0	1.0	.0	.0	.0	.0	.4	.0
6. SE7	*	324.	*	1.9	*	.0	.4	.0	.0	.0	.3	.0	.0
7. SW7	*	75.	*	2.8	*	.0	.4	.0	.0	.0	.0	.5	.0
8. NW7	*	99.	*	1.9	*	.0	.0	.1	.0	.0	.3	.0	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

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	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	1.2	.0
3. SW3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	2.2	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0
5. NE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0
7. SW7	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	1.8	.0
8. NW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0

23-sehoamnp

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

JOB: Sepulveda and Howard Hughes AM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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	4086	2.5	.0	24.0
B. NA	9	-150	9	0	AG	4086	9.4	.0	18.0
C. ND	9	0	9	150	AG	3285	3.0	.0	18.0
D. NE	9	150	9	450	AG	3285	2.5	.0	24.0
E. SF	-16	450	-16	150	AG	2550	2.5	.0	19.5
F. SA	-16	150	-16	0	AG	2064	4.4	.0	22.5
G. SD	-16	0	-16	-150	AG	3263	3.4	.0	13.5
H. SE	-16	-150	-16	-450	AG	3263	2.5	.0	19.5
I. WF	450	16	150	16	AG	1447	2.5	.0	10.5
J. WA	150	16	0	16	AG	248	14.5	.0	18.0
K. WD	0	570	0	600	AG	0	4.7	.0	9.9
L. WE	0	570	0	600	AG	0	2.5	.0	10.5
M. EF	0	570	0	600	AG	0	2.5	.0	10.5
N. EA	0	570	0	600	AG	0	14.5	.0	9.9
O. ED	0	-7	150	-7	AG	1535	17.7	.0	13.5
P. EE	150	-7	450	-7	AG	1535	2.5	.0	19.5
Q. NL	0	600	0	570	AG	0	4.2	.0	9.9
R. SL	0	0	-11	150	AG	486	4.2	.0	9.9
S. WL	0	0	150	16	AG	1199	17.7	.0	13.5
T. EL	0	600	0	570	AG	0	14.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	21	21	1.8
2. SE3	21	-17	1.8
3. SW3	-26	-17	1.8
4. NW3	-26	21	1.8
5. NE7	25	25	1.8
6. SE7	25	-20	1.8
7. SW7	-29	-20	1.8
8. NW7	-29	25	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D	* E	* F	* G	* H

23-sehoamp												
	*	*	*									
1. NE3	*	188.	*	5.5	*	.0	3.2	.0	.0	.0	.0	.3
2. SE3	*	312.	*	5.0	*	.0	2.0	.0	.0	.0	.3	.0
3. SW3	*	78.	*	5.5	*	.0	1.0	.0	.0	.0	.6	.0
4. NW3	*	103.	*	3.4	*	.0	.0	.3	.0	.0	.5	.0
5. NE7	*	190.	*	4.6	*	.0	2.5	.0	.0	.0	.0	.3
6. SE7	*	315.	*	4.1	*	.0	1.5	.1	.0	.0	.3	.0
7. SW7	*	76.	*	4.9	*	.0	.9	.0	.0	.0	.5	.0
8. NW7	*	104.	*	3.1	*	.0	.0	.2	.0	.0	.5	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.2	.0	.0	.0	.0	.8	.0	.0	.0	.8	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	1.9	.0	.0	.0	.7	.0
3. SW3	*	.0	.2	.0	.0	.0	.0	2.1	.0	.0	.0	1.6	.0
4. NW3	*	.0	.2	.0	.0	.0	.0	1.2	.0	.0	.0	1.1	.0
5. NE7	*	.0	.2	.0	.0	.0	.0	.8	.0	.0	.0	.8	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.7	.0
7. SW7	*	.0	.2	.0	.0	.0	.0	1.9	.0	.0	.0	1.4	.0
8. NW7	*	.0	.2	.0	.0	.0	.0	1.1	.0	.0	.0	1.0	.0

24-sehoamwp

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

JOB: Sepulveda and Howard Hughes AM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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) X1 Y1 X2 Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9 -450 9 -150	*	AG	4104	2.5	.0	24.0
B. NA	*	9 -150 9 0	*	AG	4104	9.7	.0	18.0
C. ND	*	9 0 9 150	*	AG	3306	3.1	.0	18.0
D. NE	*	9 150 9 450	*	AG	3306	2.5	.0	24.0
E. SF	*	-16 450 -16 150	*	AG	2631	2.5	.0	19.5
F. SA	*	-16 150 -16 0	*	AG	2097	4.6	.0	22.5
G. SD	*	-16 0 -16 -150	*	AG	3296	3.5	.0	13.5
H. SE	*	-16 -150 -16 -450	*	AG	3296	2.5	.0	19.5
I. WF	*	450 16 150 16	*	AG	1450	2.5	.0	10.5
J. WA	*	150 16 0 16	*	AG	251	15.0	.0	18.0
K. WD	*	0 570 0 600	*	AG	0	4.9	.0	9.9
L. WE	*	0 570 0 600	*	AG	0	2.5	.0	10.5
M. EF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
N. EA	*	0 570 0 600	*	AG	0	15.0	.0	9.9
O. ED	*	0 -7 150 -7	*	AG	1583	18.4	.0	13.5
P. EE	*	150 -7 450 -7	*	AG	1583	2.5	.0	19.5
Q. NL	*	0 600 0 570	*	AG	0	4.3	.0	9.9
R. SL	*	0 0 -11 150	*	AG	534	4.6	.0	9.9
S. WL	*	0 0 150 16	*	AG	1199	18.4	.0	13.5
T. EL	*	0 600 0 570	*	AG	0	15.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X Y Z
1. NE3	*	21 21 1.8
2. SE3	*	21 -17 1.8
3. SW3	*	-26 -17 1.8
4. NW3	*	-26 21 1.8
5. NE7	*	25 25 1.8
6. SE7	*	25 -20 1.8
7. SW7	*	-29 -20 1.8
8. NW7	*	-29 25 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
				CONC/ LINK (PPM)									

24-sehoamwp												
	*	*	*									
1. NE3	*	188.	*	5.7	*	.0	3.3	.0	.0	.0	.0	.3
2. SE3	*	313.	*	5.2	*	.0	2.0	.0	.0	.0	.3	.0
3. SW3	*	78.	*	5.8	*	.0	1.0	.0	.0	.0	.6	.0
4. NW3	*	103.	*	3.6	*	.0	.0	.3	.0	.0	.5	.0
5. NE7	*	190.	*	4.8	*	.0	2.6	.0	.0	.0	.0	.3
6. SE7	*	315.	*	4.3	*	.0	1.5	.1	.0	.0	.3	.0
7. SW7	*	76.	*	5.2	*	.0	.9	.0	.0	.0	.5	.0
8. NW7	*	104.	*	3.3	*	.0	.0	.3	.0	.0	.5	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.2	.0	.0	.0	.0	.9	.0	.0	.0	.9	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	2.0	.0	.0	.0	.8	.0
3. SW3	*	.0	.2	.0	.0	.0	.0	2.3	.0	.0	.0	1.6	.0
4. NW3	*	.0	.2	.0	.0	.0	.0	1.3	.0	.0	.0	1.1	.0
5. NE7	*	.0	.2	.0	.0	.0	.0	.8	.0	.0	.0	.8	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.0	.7	.0
7. SW7	*	.0	.2	.0	.0	.0	.0	2.0	.0	.0	.0	1.5	.0
8. NW7	*	.0	.2	.0	.0	.0	.0	1.2	.0	.0	.0	1.0	.0

25-sehopmnp

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

JOB: Sepulveda and Howard Hughes PM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	9 -450 9 -150	*	AG	3929	2.5	.0	24.0
B. NA	*	9 -150 9 0	*	AG	3929	9.4	.0	18.0
C. ND	*	9 0 9 150	*	AG	3350	3.0	.0	18.0
D. NE	*	9 150 9 450	*	AG	3350	2.5	.0	24.0
E. SF	*	-16 450 -16 150	*	AG	3651	2.5	.0	19.5
F. SA	*	-16 150 -16 0	*	AG	3122	5.1	.0	22.5
G. SD	*	-16 0 -16 -150	*	AG	4113	3.4	.0	13.5
H. SE	*	-16 -150 -16 -450	*	AG	4113	2.5	.0	19.5
I. WF	*	450 16 150 16	*	AG	1140	2.5	.0	10.5
J. WA	*	150 16 0 16	*	AG	149	17.7	.0	18.0
K. WD	*	0 570 0 600	*	AG	0	9.4	.0	9.9
L. WE	*	0 570 0 600	*	AG	0	2.5	.0	10.5
M. EF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
N. EA	*	0 570 0 600	*	AG	0	17.7	.0	9.9
O. ED	*	0 -7 150 -7	*	AG	1257	17.7	.0	13.5
P. EE	*	150 -7 450 -7	*	AG	1257	2.5	.0	19.5
Q. NL	*	0 600 0 570	*	AG	0	4.2	.0	9.9
R. SL	*	0 0 -11 150	*	AG	529	4.4	.0	9.9
S. WL	*	0 0 150 16	*	AG	991	17.7	.0	13.5
T. EL	*	0 600 0 570	*	AG	0	17.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 21 1.8
2. SE3	*	21 -17 1.8
3. SW3	*	-26 -17 1.8
4. NW3	*	-26 21 1.8
5. NE7	*	25 25 1.8
6. SE7	*	25 -20 1.8
7. SW7	*	-29 -20 1.8
8. NW7	*	-29 25 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
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25-sehopmnp												
	*	*	*									
1. NE3	*	188.	*	5.1	*	.0	3.1	.0	.0	.0	.0	.3
2. SE3	*	312.	*	4.6	*	.0	1.9	.0	.0	.0	.5	.0
3. SW3	*	78.	*	5.0	*	.0	.9	.0	.0	.0	.8	.0
4. NW3	*	103.	*	3.4	*	.0	.0	.3	.0	.0	.8	.0
5. NE7	*	191.	*	4.3	*	.0	2.4	.0	.0	.0	.1	.3
6. SE7	*	315.	*	3.9	*	.0	1.4	.1	.0	.0	.4	.0
7. SW7	*	76.	*	4.5	*	.0	.9	.0	.0	.0	.6	.0
8. NW7	*	104.	*	3.1	*	.0	.0	.2	.0	.0	.8	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.1	.0	.0	.0	.0	.7	.0	.0	.0	.7	.0
2. SE3	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.6	.0
3. SW3	.0	.1	.0	.0	.0	.0	1.8	.0	.0	.0	1.3	.0
4. NW3	.0	.2	.0	.0	.0	.0	1.1	.0	.0	.0	.9	.0
5. NE7	.0	.2	.0	.0	.0	.0	.7	.0	.0	.0	.6	.0
6. SE7	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.6	.0
7. SW7	.0	.1	.0	.0	.0	.0	1.6	.0	.0	.0	1.2	.0
8. NW7	.0	.2	.0	.0	.0	.0	1.0	.0	.0	.0	.8	.0

26-sehopmwp

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

JOB: Sepulveda and Howard Hughes PM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	9 -450 9 -150	*	AG	4074	2.5	.0	24.0
B. NA	*	9 -150 9 0	*	AG	4074	9.7	.0	18.0
C. ND	*	9 0 9 150	*	AG	3552	3.2	.0	18.0
D. NE	*	9 150 9 450	*	AG	3552	2.5	.0	24.0
E. SF	*	-16 450 -16 150	*	AG	3823	2.5	.0	19.5
F. SA	*	-16 150 -16 0	*	AG	3232	5.2	.0	22.5
G. SD	*	-16 0 -16 -150	*	AG	4223	3.5	.0	13.5
H. SE	*	-16 -150 -16 -450	*	AG	4223	2.5	.0	19.5
I. WF	*	450 16 150 16	*	AG	1197	2.5	.0	10.5
J. WA	*	150 16 0 16	*	AG	206	18.4	.0	18.0
K. WD	*	0 570 0 600	*	AG	0	9.7	.0	9.9
L. WE	*	0 570 0 600	*	AG	0	2.5	.0	10.5
M. EF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
N. EA	*	0 570 0 600	*	AG	0	18.4	.0	9.9
O. ED	*	0 -7 150 -7	*	AG	1319	18.4	.0	13.5
P. EE	*	150 -7 450 -7	*	AG	1319	2.5	.0	19.5
Q. NL	*	0 600 0 570	*	AG	0	4.3	.0	9.9
R. SL	*	0 0 -11 150	*	AG	591	4.6	.0	9.9
S. WL	*	0 0 150 16	*	AG	991	18.4	.0	13.5
T. EL	*	0 600 0 570	*	AG	0	18.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 21 1.8
2. SE3	*	21 -17 1.8
3. SW3	*	-26 -17 1.8
4. NW3	*	-26 21 1.8
5. NE7	*	25 25 1.8
6. SE7	*	25 -20 1.8
7. SW7	*	-29 -20 1.8
8. NW7	*	-29 25 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
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26-sehopmwp												
	*	*	*									
1. NE3	*	188.	*	5.5	*	.0	3.3	.0	.0	.0	.0	.3
2. SE3	*	312.	*	5.0	*	.0	2.0	.0	.0	.0	.5	.0
3. SW3	*	78.	*	5.4	*	.0	1.0	.0	.0	.0	.0	.8
4. NW3	*	103.	*	3.6	*	.0	.0	.3	.0	.0	.9	.0
5. NE7	*	191.	*	4.6	*	.0	2.6	.0	.0	.0	.1	.3
6. SE7	*	315.	*	4.2	*	.0	1.5	.1	.0	.0	.5	.0
7. SW7	*	76.	*	4.8	*	.0	.9	.0	.0	.0	.0	.7
8. NW7	*	104.	*	3.4	*	.0	.0	.3	.0	.0	.8	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.2	.0	.0	.0	.0	.8	.0	.0	.0	.7	.0
2. SE3	.0	.0	.0	.0	.0	.0	1.7	.0	.0	.0	.6	.0
3. SW3	.0	.2	.0	.0	.0	.0	2.0	.0	.0	.0	1.4	.0
4. NW3	.0	.2	.0	.0	.0	.0	1.1	.0	.0	.0	1.0	.0
5. NE7	.0	.2	.0	.0	.0	.0	.7	.0	.0	.0	.7	.0
6. SE7	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.6	.0
7. SW7	.0	.2	.0	.0	.0	.0	1.7	.0	.0	.0	1.3	.0
8. NW7	.0	.3	.0	.0	.0	.0	1.0	.0	.0	.0	.9	.0

27-ijeamnp

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

JOB: I-405 SB Ramps and Jefferson AM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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	*	0 570 0 600	* AG 0 2.5	.0	10.5	
B. NA	*	0 570 0 600	* AG 0 12.3	.0	9.9	
C. ND	*	0 570 0 600	* AG 328 6.3	.0	9.9	
D. NE	*	0 570 0 600	* AG 328 2.5	.0	10.5	
E. SF	*	-5 450 -5 150	* AG 758 2.5	.0	10.5	
F. SA	*	-5 150 -5 0	* AG 635 17.7	.0	9.9	
G. SD	*	0 570 0 600	* AG 538 17.7	.0	9.9	
H. SE	*	0 570 0 600	* AG 538 2.5	.0	10.5	
I. WF	*	450 9 150 9	* AG 1558 2.5	.0	15.0	
J. WA	*	150 9 0 9	* AG 1230 4.4	.0	18.0	
K. WD	*	0 9 -150 9	* AG 1865 3.1	.0	9.9	
L. WE	*	-150 9 -450 9	* AG 1865 2.5	.0	15.0	
M. EF	*	-450 -14 -150 -14	* AG 1287 2.5	.0	24.0	
N. EA	*	-150 -14 0 -14	* AG 959 4.2	.0	18.0	
O. ED	*	0 -14 150 -14	* AG 872 2.7	.0	18.0	
P. EE	*	150 -14 450 -14	* AG 872 2.5	.0	24.0	
Q. NL	*	0 600 0 570	* AG 0 12.3	.0	9.9	
R. SL	*	0 0 -5 150	* AG 123 12.3	.0	9.9	
S. WL	*	0 0 150 7	* AG 328 4.2	.0	9.9	
T. EL	*	0 600 0 570	* AG 328 4.4	.0	9.9	

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	5 17 1.8
2. SE3	*	5 -26 1.8
3. SW3	*	-10 -26 1.8
4. NW3	*	-10 17 1.8
5. NE7	*	9 20 1.8
6. SE7	*	9 -29 1.8
7. SW7	*	-14 -29 1.8
8. NW7	*	-14 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

*	PRED	*	CONC/LINK
BRG	CONC	*	(PPM)

27-ijeamnp													
RECEPTOR	*	(DEG)	*	(PPM)	*	A	B	C	D	E	F	G	H
1. NE3	*	264.	*	1.7	*	.0	.0	.0	.0	.0	.6	.0	.0
2. SE3	*	354.	*	1.9	*	.0	.0	.0	.0	.0	1.2	.0	.0
3. SW3	*	4.	*	2.3	*	.0	.0	.0	.0	.0	1.7	.0	.0
4. NW3	*	5.	*	2.8	*	.0	.0	.0	.0	.0	2.5	.0	.0
5. NE7	*	263.	*	1.3	*	.0	.0	.0	.0	.0	.5	.0	.0
6. SE7	*	352.	*	1.5	*	.0	.0	.0	.0	.0	1.0	.0	.0
7. SW7	*	6.	*	1.8	*	.0	.0	.0	.0	.0	1.3	.0	.0
8. NW7	*	97.	*	1.6	*	.0	.0	.0	.0	.0	.6	.0	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.7	.0	.2	.0	.0	.0	.0	.1	.0	.0
2. SE3	*	.0	.1	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0
3. SW3	*	.0	.0	.1	.0	.0	.2	.0	.0	.0	.2	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
5. NE7	*	.0	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.1	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0
7. SW7	*	.0	.0	.1	.0	.0	.2	.0	.0	.0	.2	.0	.0
8. NW7	*	.0	.6	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0

28-ijeamwp

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

JOB: I-405 SB Ramps and Jefferson AM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
B. NA	*	0 570 0 600	*	AG	0	12.7	.0	9.9
C. ND	*	0 570 0 600	*	AG	330	7.8	.0	9.9
D. NE	*	0 570 0 600	*	AG	330	2.5	.0	10.5
E. SF	*	-5 450 -5 150	*	AG	758	2.5	.0	10.5
F. SA	*	-5 150 -5 0	*	AG	635	18.4	.0	9.9
G. SD	*	0 570 0 600	*	AG	569	18.4	.0	9.9
H. SE	*	0 570 0 600	*	AG	569	2.5	.0	10.5
I. WF	*	450 9 150 9	*	AG	1664	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	1326	4.6	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1961	3.5	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	1961	2.5	.0	15.0
M. EF	*	-450 -14 -150 -14	*	AG	1480	2.5	.0	24.0
N. EA	*	-150 -14 0 -14	*	AG	1150	4.6	.0	18.0
O. ED	*	0 -14 150 -14	*	AG	1042	2.8	.0	18.0
P. EE	*	150 -14 450 -14	*	AG	1042	2.5	.0	24.0
Q. NL	*	0 600 0 570	*	AG	0	12.7	.0	9.9
R. SL	*	0 0 -5 150	*	AG	123	12.7	.0	9.9
S. WL	*	0 0 150 7	*	AG	338	4.3	.0	9.9
T. EL	*	0 600 0 570	*	AG	330	4.6	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	5 17 1.8
2. SE3	*	5 -26 1.8
3. SW3	*	-10 -26 1.8
4. NW3	*	-10 17 1.8
5. NE7	*	9 20 1.8
6. SE7	*	9 -29 1.8
7. SW7	*	-14 -29 1.8
8. NW7	*	-14 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

*	PRED	*	CONC/LINK
BRG	CONC	*	(PPM)

28-ijeamwp													
RECEPTOR	*	(DEG)	*	(PPM)	*	A	B	C	D	E	F	G	H
	*		*		*								
1. NE3	*	264.	*	1.9	*	.0	.0	.0	.0	.0	.6	.0	.0
2. SE3	*	354.	*	2.0	*	.0	.0	.0	.0	.0	1.3	.0	.0
3. SW3	*	4.	*	2.5	*	.0	.0	.0	.0	.0	1.7	.0	.0
4. NW3	*	5.	*	2.9	*	.0	.0	.0	.0	.0	2.6	.0	.0
5. NE7	*	262.	*	1.4	*	.0	.0	.0	.0	.0	.5	.0	.0
6. SE7	*	352.	*	1.6	*	.0	.0	.0	.0	.0	1.0	.0	.0
7. SW7	*	6.	*	2.0	*	.0	.0	.0	.0	.0	1.3	.0	.0
8. NW7	*	97.	*	1.7	*	.0	.0	.0	.0	.0	.6	.0	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.0	.8	.0	.2	.0	.0	.0	.0	.1	.0	.0
2. SE3	*	.0	.1	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0
3. SW3	*	.0	.0	.2	.0	.0	.3	.0	.0	.0	.2	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
5. NE7	*	.0	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.2	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0
7. SW7	*	.0	.0	.2	.0	.0	.2	.0	.0	.0	.2	.0	.0
8. NW7	*	.0	.7	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0

29-ijepmnp

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

JOB: I-405 SB Ramps and Jefferson PM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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	*	0 570 0 600	* AG 0 2.5	.0	10.5	
B. NA	*	0 570 0 600	* AG 0 12.3	.0	9.9	
C. ND	*	0 570 0 600	* AG 359 12.3	.0	9.9	
D. NE	*	0 570 0 600	* AG 359 2.5	.0	10.5	
E. SF	*	-5 450 -5 150	* AG 832 2.5	.0	10.5	
F. SA	*	-5 150 -5 0	* AG 668 17.7	.0	9.9	
G. SD	*	0 570 0 600	* AG 759 17.7	.0	9.9	
H. SE	*	0 570 0 600	* AG 759 2.5	.0	10.5	
I. WF	*	450 9 150 9	* AG 1390 2.5	.0	15.0	
J. WA	*	150 9 0 9	* AG 820 4.2	.0	18.0	
K. WD	*	0 9 -150 9	* AG 1488 2.9	.0	9.9	
L. WE	*	-150 9 -450 9	* AG 1488 2.5	.0	15.0	
M. EF	*	-450 -14 -150 -14	* AG 1702 2.5	.0	24.0	
N. EA	*	-150 -14 0 -14	* AG 1343 4.4	.0	18.0	
O. ED	*	0 -14 150 -14	* AG 1318 2.7	.0	18.0	
P. EE	*	150 -14 450 -14	* AG 1318 2.5	.0	24.0	
Q. NL	*	0 600 0 570	* AG 0 12.3	.0	9.9	
R. SL	*	0 0 -5 150	* AG 164 12.3	.0	9.9	
S. WL	*	0 0 150 7	* AG 570 4.4	.0	9.9	
T. EL	*	0 600 0 570	* AG 359 4.4	.0	9.9	

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	5 17 1.8
2. SE3	*	5 -26 1.8
3. SW3	*	-10 -26 1.8
4. NW3	*	-10 17 1.8
5. NE7	*	9 20 1.8
6. SE7	*	9 -29 1.8
7. SW7	*	-14 -29 1.8
8. NW7	*	-14 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED CONC (PPM)	*	A	B	C	D	E	F	G	H
	*			*								

29-ijepmnp												
	*	*	*									
1. NE3	*	352.	*	1.8	*	.0	.0	.0	.0	.0	1.3	.0
2. SE3	*	354.	*	2.1	*	.0	.0	.0	.0	.0	1.3	.0
3. SW3	*	4.	*	2.5	*	.0	.0	.0	.0	.0	1.7	.0
4. NW3	*	5.	*	3.0	*	.0	.0	.0	.0	.0	2.6	.0
5. NE7	*	262.	*	1.3	*	.0	.0	.0	.0	.0	.5	.0
6. SE7	*	352.	*	1.7	*	.0	.0	.0	.0	.0	1.0	.0
7. SW7	*	6.	*	2.0	*	.0	.0	.0	.0	.0	1.4	.0
8. NW7	*	8.	*	1.6	*	.0	.0	.0	.0	.0	1.4	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

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	.5	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.4	.0	.0
3. SW3	.0	.0	.1	.0	.0	.3	.0	.0	.0	.3	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
5. NE7	.0	.0	.4	.0	.2	.0	.0	.0	.0	.1	.0	.0
6. SE7	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0
7. SW7	.0	.0	.1	.0	.0	.3	.0	.0	.0	.2	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0

30-ijepmwp

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

JOB: I-405 SB Ramps and Jefferson PM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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) X1 Y1 X2 Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
B. NA	*	0 570 0 600	*	AG	0	12.7	.0	9.9
C. ND	*	0 570 0 600	*	AG	371	15.0	.0	9.9
D. NE	*	0 570 0 600	*	AG	371	2.5	.0	10.5
E. SF	*	-5 450 -5 150	*	AG	866	2.5	.0	10.5
F. SA	*	-5 150 -5 0	*	AG	702	18.4	.0	9.9
G. SD	*	0 570 0 600	*	AG	771	18.4	.0	9.9
H. SE	*	0 570 0 600	*	AG	771	2.5	.0	10.5
I. WF	*	450 9 150 9	*	AG	1526	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	956	4.3	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1658	3.1	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	1658	2.5	.0	15.0
M. EF	*	-450 -14 -150 -14	*	AG	1870	2.5	.0	24.0
N. EA	*	-150 -14 0 -14	*	AG	1499	4.6	.0	18.0
O. ED	*	0 -14 150 -14	*	AG	1462	2.8	.0	18.0
P. EE	*	150 -14 450 -14	*	AG	1462	2.5	.0	24.0
Q. NL	*	0 600 0 570	*	AG	0	12.7	.0	9.9
R. SL	*	0 0 -5 150	*	AG	164	12.7	.0	9.9
S. WL	*	0 0 150 7	*	AG	570	4.6	.0	9.9
T. EL	*	0 600 0 570	*	AG	371	4.6	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X Y Z
1. NE3	*	5 17 1.8
2. SE3	*	5 -26 1.8
3. SW3	*	-10 -26 1.8
4. NW3	*	-10 17 1.8
5. NE7	*	9 20 1.8
6. SE7	*	9 -29 1.8
7. SW7	*	-14 -29 1.8
8. NW7	*	-14 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H

30-ijepmwp												
	*	*	*									
1. NE3	*	352.	*	1.9	*	.0	.0	.0	.0	.0	1.4	.0
2. SE3	*	354.	*	2.3	*	.0	.0	.0	.0	.0	1.4	.0
3. SW3	*	4.	*	2.7	*	.0	.0	.0	.0	.0	1.9	.0
4. NW3	*	5.	*	3.2	*	.0	.0	.0	.0	.0	2.8	.0
5. NE7	*	261.	*	1.4	*	.0	.0	.0	.0	.0	.6	.0
6. SE7	*	352.	*	1.8	*	.0	.0	.0	.0	.0	1.1	.0
7. SW7	*	6.	*	2.2	*	.0	.0	.0	.0	.0	1.5	.0
8. NW7	*	8.	*	1.7	*	.0	.0	.0	.0	.0	1.5	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

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	.5	.0	.0
2. SE3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.4	.0	.0
3. SW3	.0	.0	.1	.0	.0	.4	.0	.0	.0	.3	.0	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
5. NE7	.0	.0	.4	.0	.2	.0	.0	.0	.0	.1	.0	.0
6. SE7	.0	.1	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0
7. SW7	.0	.0	.1	.0	.0	.3	.0	.0	.0	.2	.0	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0

31-lijeamnp

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

JOB: Lincoln and Jefferson AM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	14 -450 14 -150	*	AG	3127	2.5	.0	24.0
B. NA	*	14 -150 14 0	*	AG	3069	5.1	.0	22.5
C. ND	*	14 0 14 150	*	AG	2831	2.9	.0	18.0
D. NE	*	14 150 14 450	*	AG	2831	2.5	.0	24.0
E. SF	*	-14 450 -14 150	*	AG	2969	2.5	.0	24.0
F. SA	*	-14 150 -14 0	*	AG	2718	4.7	.0	27.0
G. SD	*	-14 0 -14 -150	*	AG	3605	3.1	.0	18.0
H. SE	*	-14 -150 -14 -450	*	AG	3605	2.5	.0	24.0
I. WF	*	450 9 150 9	*	AG	1711	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	571	9.4	.0	18.0
K. WD	*	0 9 -150 9	*	AG	673	4.2	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	673	2.5	.0	15.0
M. EF	*	-450 -11 -150 -11	*	AG	560	2.5	.0	19.5
N. EA	*	-150 -11 0 -11	*	AG	363	9.4	.0	18.0
O. ED	*	0 -11 150 -11	*	AG	1258	5.4	.0	13.5
P. EE	*	150 -11 450 -11	*	AG	1258	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	58	4.2	.0	9.9
R. SL	*	0 0 -7 150	*	AG	251	4.2	.0	18.0
S. WL	*	0 0 150 7	*	AG	1140	17.7	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	197	9.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	26 17 1.8
2. SE3	*	26 -21 1.8
3. SW3	*	-26 -21 1.8
4. NW3	*	-26 17 1.8
5. NE7	*	29 20 1.8
6. SE7	*	29 -25 1.8
7. SW7	*	-29 -25 1.8
8. NW7	*	-29 20 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
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31-lijeamnp												
	*	*	*									
1. NE3	*	187.	*	3.3	*	.1	1.5	.0	.0	.0	.0	.3
2. SE3	*	349.	*	2.9	*	.0	.5	.7	.0	.2	.2	.0
3. SW3	*	77.	*	3.2	*	.0	.4	.0	.0	.0	.6	.0
4. NW3	*	97.	*	3.1	*	.0	.0	.2	.0	.0	.6	.0
5. NE7	*	189.	*	2.8	*	.0	1.2	.0	.0	.0	.0	.3
6. SE7	*	340.	*	2.4	*	.0	.4	.4	.0	.0	.4	.0
7. SW7	*	75.	*	2.8	*	.0	.4	.0	.0	.0	.5	.0
8. NW7	*	99.	*	2.8	*	.0	.0	.2	.0	.0	.6	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.3	.0	.0	.0	.0	.2	.0	.0	.0	.8	.0
2. SE3	*	.0	.2	.0	.0	.0	.0	.4	.0	.0	.0	.7	.0
3. SW3	*	.0	.3	.0	.0	.0	.2	.5	.0	.0	.0	1.2	.0
4. NW3	*	.0	.6	.0	.0	.0	.0	.1	.1	.0	.0	1.3	.0
5. NE7	*	.0	.3	.0	.0	.0	.0	.2	.0	.0	.0	.7	.0
6. SE7	*	.0	.2	.0	.0	.0	.0	.3	.0	.0	.0	.6	.0
7. SW7	*	.0	.3	.0	.0	.0	.0	.5	.0	.0	.0	1.1	.0
8. NW7	*	.0	.5	.0	.0	.0	.0	.1	.1	.0	.0	1.1	.0

32-lijeamwp

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

JOB: Lincoln and Jefferson AM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	14 -450 14 -150	*	AG	3134	2.5	.0	24.0
B. NA	*	14 -150 14 0	*	AG	3076	5.2	.0	22.5
C. ND	*	14 0 14 150	*	AG	2904	3.0	.0	18.0
D. NE	*	14 150 14 450	*	AG	2904	2.5	.0	24.0
E. SF	*	-14 450 -14 150	*	AG	3025	2.5	.0	24.0
F. SA	*	-14 150 -14 0	*	AG	2718	4.9	.0	27.0
G. SD	*	-14 0 -14 -150	*	AG	3617	3.2	.0	18.0
H. SE	*	-14 -150 -14 -450	*	AG	3617	2.5	.0	24.0
I. WF	*	450 9 150 9	*	AG	1847	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	695	9.7	.0	18.0
K. WD	*	0 9 -150 9	*	AG	724	5.2	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	724	2.5	.0	15.0
M. EF	*	-450 -11 -150 -11	*	AG	582	2.5	.0	19.5
N. EA	*	-150 -11 0 -11	*	AG	385	9.7	.0	18.0
O. ED	*	0 -11 150 -11	*	AG	1343	5.2	.0	13.5
P. EE	*	150 -11 450 -11	*	AG	1343	2.5	.0	19.5
Q. NL	*	7 -150 0 0	*	AG	58	4.3	.0	9.9
R. SL	*	-7 150 0 0	*	AG	307	4.3	.0	18.0
S. WL	*	150 0 0 0	*	AG	1152	18.4	.0	9.9
T. EL	*	-150 -7 0 0	*	AG	197	9.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	26 17 1.8
2. SE3	*	26 -21 1.8
3. SW3	*	-26 -21 1.8
4. NW3	*	-26 17 1.8
5. NE7	*	29 20 1.8
6. SE7	*	29 -25 1.8
7. SW7	*	-29 -25 1.8
8. NW7	*	-29 20 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
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32-lijeamwp												
	*	*	*									
1. NE3	*	187.	*	3.4	*	.1	1.5	.0	.0	.0	.0	.3
2. SE3	*	348.	*	3.1	*	.0	.6	.7	.0	.2	.2	.0
3. SW3	*	79.	*	3.4	*	.0	.4	.0	.0	.0	.6	.0
4. NW3	*	101.	*	3.4	*	.0	.0	.2	.0	.0	.6	.0
5. NE7	*	189.	*	2.9	*	.0	1.2	.0	.0	.0	.0	.3
6. SE7	*	340.	*	2.6	*	.0	.4	.4	.0	.0	.4	.0
7. SW7	*	77.	*	2.9	*	.0	.4	.0	.0	.0	.5	.0
8. NW7	*	101.	*	3.0	*	.0	.0	.2	.0	.0	.6	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.4	.0	.0	.0	.0	.2	.0	.0	.0	.8	.0
2. SE3	*	.0	.2	.0	.0	.0	.0	.4	.0	.0	.0	.7	.0
3. SW3	*	.0	.3	.0	.0	.0	.2	.6	.0	.0	.0	1.2	.0
4. NW3	*	.0	.5	.2	.0	.0	.0	.3	.0	.0	.0	1.5	.0
5. NE7	*	.0	.4	.0	.0	.0	.0	.2	.0	.0	.0	.7	.0
6. SE7	*	.0	.2	.0	.0	.0	.0	.3	.0	.0	.0	.7	.0
7. SW7	*	.0	.3	.0	.0	.0	.0	.5	.0	.0	.0	1.1	.0
8. NW7	*	.0	.6	.0	.0	.0	.0	.2	.0	.0	.0	1.3	.0

33-lijepmnp

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

JOB: Lincoln and Jefferson PM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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	4025	2.5	.0	24.0
B. NA	0	-150	0	0	AG	3978	6.3	.0	22.5
C. ND	0	0	0	150	AG	3486	3.1	.0	18.0
D. NE	0	150	0	450	AG	3486	2.5	.0	24.0
E. SF	0	450	0	150	AG	3075	2.5	.0	24.0
F. SA	0	150	0	0	AG	2745	4.7	.0	27.0
G. SD	0	0	0	-150	AG	2939	2.9	.0	18.0
H. SE	0	-150	0	-450	AG	2939	2.5	.0	24.0
I. WF	450	0	150	0	AG	1723	2.5	.0	15.0
J. WA	150	0	0	0	AG	849	10.7	.0	18.0
K. WD	0	0	-150	0	AG	1254	17.7	.0	9.9
L. WE	-150	0	-450	0	AG	1254	2.5	.0	15.0
M. EF	-450	0	-150	0	AG	406	2.5	.0	19.5
N. EA	-150	0	0	0	AG	369	10.7	.0	18.0
O. ED	0	0	150	0	AG	1550	14.5	.0	13.5
P. EE	150	0	450	0	AG	1550	2.5	.0	19.5
Q. NL	0	0	7	-150	AG	47	4.2	.0	9.9
R. SL	0	0	-7	150	AG	330	4.2	.0	18.0
S. WL	0	0	150	7	AG	874	17.7	.0	9.9
T. EL	0	0	-150	-7	AG	37	10.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	26	17	1.8
2. SE3	26	-21	1.8
3. SW3	-26	-21	1.8
4. NW3	-26	17	1.8
5. NE7	29	20	1.8
6. SE7	29	-25	1.8
7. SW7	-29	-25	1.8
8. NW7	-29	20	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	B	C	D	E	F	G	H

33-lijepmnp

	*		*		*								
1. NE3	*	195.	*	3.6	*	.0	1.1	.0	.0	.0	.0	.4	.0
2. SE3	*	346.	*	3.0	*	.0	.0	.5	.0	.0	.7	.0	.0
3. SW3	*	77.	*	4.0	*	.0	.8	.0	.0	.0	.0	.3	.0
4. NW3	*	100.	*	4.3	*	.0	.0	.3	.0	.0	.4	.0	.0
5. NE7	*	196.	*	3.2	*	.0	1.0	.0	.0	.0	.0	.4	.0
6. SE7	*	345.	*	2.7	*	.0	.0	.4	.0	.0	.6	.0	.0
7. SW7	*	76.	*	3.6	*	.0	.7	.0	.0	.0	.0	.3	.0
8. NW7	*	101.	*	3.7	*	.0	.0	.3	.0	.0	.4	.0	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
		I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.4	.0	.0	.0	.0	.9	.0	.0	.0	.7	.0
2. SE3	*	.0	.4	.0	.0	.0	.0	.8	.0	.0	.0	.5	.0
3. SW3	*	.0	.6	.0	.0	.0	.0	1.3	.0	.0	.0	1.0	.0
4. NW3	*	.0	.7	.0	.0	.0	.0	1.6	.0	.0	.0	1.1	.0
5. NE7	*	.0	.4	.0	.0	.0	.0	.8	.0	.0	.0	.6	.0
6. SE7	*	.0	.3	.0	.0	.0	.0	.7	.0	.0	.0	.5	.0
7. SW7	*	.0	.5	.0	.0	.0	.0	1.2	.0	.0	.0	.9	.0
8. NW7	*	.0	.6	.0	.0	.0	.0	1.3	.0	.0	.0	.9	.0

34-lijepmwp

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

JOB: Lincoln and Jefferson PM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	14 -450 14 -150	*	AG	4034	2.5	.0	24.0
B. NA	*	14 -150 14 0	*	AG	3987	6.5	.0	22.5
C. ND	*	14 0 14 150	*	AG	3579	3.2	.0	18.0
D. NE	*	14 150 14 450	*	AG	3579	2.5	.0	24.0
E. SF	*	-14 450 -14 150	*	AG	3185	2.5	.0	24.0
F. SA	*	-14 150 -14 0	*	AG	2745	4.9	.0	27.0
G. SD	*	-14 0 -14 -150	*	AG	2945	3.0	.0	18.0
H. SE	*	-14 -150 -14 -450	*	AG	2945	2.5	.0	24.0
I. WF	*	450 9 150 9	*	AG	1880	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	1000	15.0	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1312	18.4	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	1312	2.5	.0	15.0
M. EF	*	-450 -11 -150 -11	*	AG	460	2.5	.0	19.5
N. EA	*	-150 -11 0 -11	*	AG	423	11.0	.0	18.0
O. ED	*	0 -11 150 -11	*	AG	1723	18.4	.0	13.5
P. EE	*	150 -11 450 -11	*	AG	1723	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	47	4.3	.0	9.9
R. SL	*	0 0 -7 150	*	AG	440	4.3	.0	18.0
S. WL	*	0 0 150 7	*	AG	880	18.4	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	37	11.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	26 17 1.8
2. SE3	*	26 -21 1.8
3. SW3	*	-26 -21 1.8
4. NW3	*	-26 17 1.8
5. NE7	*	29 20 1.8
6. SE7	*	29 -25 1.8
7. SW7	*	-29 -25 1.8
8. NW7	*	-29 20 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
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34-lijepmwp												
	*	*	*									
1. NE3	*	187.	*	5.2	*	.2	2.3	.0	.0	.0	.0	.3
2. SE3	*	313.	*	5.5	*	.0	1.5	.0	.0	.0	.4	.0
3. SW3	*	80.	*	5.6	*	.0	.6	.0	.0	.0	.0	.5
4. NW3	*	112.	*	5.9	*	.0	.3	.2	.0	.0	.7	.0
5. NE7	*	190.	*	4.5	*	.0	1.9	.0	.0	.0	.0	.3
6. SE7	*	314.	*	4.7	*	.0	1.2	.0	.0	.0	.4	.0
7. SW7	*	77.	*	4.9	*	.0	.6	.0	.0	.0	.0	.4
8. NW7	*	117.	*	4.8	*	.0	.4	.0	.0	.0	.7	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.8	.0	.0	.0	.0	1.0	.0	.0	.0	.7	.0
2. SE3	.0	.1	.8	.0	.0	.0	2.2	.0	.0	.0	.5	.0
3. SW3	.1	.5	.0	.0	.0	.3	2.9	.0	.0	.0	.8	.0
4. NW3	.0	.4	2.1	.0	.0	.0	1.4	.0	.0	.0	.9	.0
5. NE7	.0	.8	.0	.0	.0	.0	.9	.0	.0	.0	.6	.0
6. SE7	.0	.1	.7	.0	.0	.0	1.7	.0	.0	.0	.5	.0
7. SW7	.0	.6	.0	.0	.0	.0	2.3	.0	.0	.0	.9	.0
8. NW7	.0	.3	1.4	.0	.0	.0	1.2	.0	.0	.0	.7	.0

35-limaamnp

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

JOB: Lincoln and Manchester AM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	1955	2.5	.0	24.0
B. NA	*	11 -150 11 0	*	AG	1847	4.4	.0	22.5
C. ND	*	11 0 11 150	*	AG	2819	2.9	.0	18.0
D. NE	*	11 150 11 450	*	AG	2819	2.5	.0	24.0
E. SF	*	-9 450 -9 150	*	AG	3730	2.5	.0	19.5
F. SA	*	-9 150 -9 0	*	AG	3156	6.3	.0	18.0
G. SD	*	-9 0 -9 -150	*	AG	3049	3.4	.0	13.5
H. SE	*	-9 -150 -9 -450	*	AG	3049	2.5	.0	19.5
I. WF	*	450 7 150 7	*	AG	1377	2.5	.0	15.0
J. WA	*	150 7 0 7	*	AG	1218	14.5	.0	13.5
K. WD	*	0 7 -150 7	*	AG	1032	7.6	.0	9.9
L. WE	*	-150 7 -450 7	*	AG	1032	2.5	.0	15.0
M. EF	*	-450 -7 -150 -7	*	AG	1117	2.5	.0	15.0
N. EA	*	-150 -7 0 -7	*	AG	696	9.4	.0	13.5
O. ED	*	0 -7 150 -7	*	AG	1279	12.3	.0	9.9
P. EE	*	150 -7 450 -7	*	AG	1279	2.5	.0	15.0
Q. NL	*	0 0 5 -150	*	AG	108	4.2	.0	9.9
R. SL	*	0 0 -5 150	*	AG	574	5.1	.0	9.9
S. WL	*	0 0 150 5	*	AG	159	9.4	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	421	14.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	23 14 1.8
2. SE3	*	23 -14 1.8
3. SW3	*	-19 -14 1.8
4. NW3	*	-19 14 1.8
5. NE7	*	27 18 1.8
6. SE7	*	27 -18 1.8
7. SW7	*	-23 -18 1.8
8. NW7	*	-23 18 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	A	B	C	D	E	F	G	H
	*		CONC/ LINK (PPM)									

35-limaamp

	*	*	*									
1. NE3	*	260.	*	4.0	*	.0	.0	.4	.0	.0	.5	.0
2. SE3	*	345.	*	3.4	*	.0	.2	.6	.0	.0	.7	.0
3. SW3	*	81.	*	4.1	*	.0	.3	.0	.0	.0	.0	.0
4. NW3	*	97.	*	4.6	*	.0	.0	.2	.0	.0	1.2	.0
5. NE7	*	252.	*	2.8	*	.0	.0	.4	.0	.0	.5	.0
6. SE7	*	342.	*	2.9	*	.0	.0	.5	.0	.0	.7	.0
7. SW7	*	78.	*	3.2	*	.0	.2	.0	.0	.0	.0	.0
8. NW7	*	100.	*	3.8	*	.0	.0	.2	.0	.0	.9	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	1.2	.8	.0	.0	.4	.0	.0	.0	.1	.0	.6
2. SE3	*	.0	.7	.0	.0	.0	.0	1.0	.0	.0	.2	.0	.0
3. SW3	*	.0	.9	.0	.0	.0	.4	1.8	.0	.0	.0	.2	.0
4. NW3	*	.0	2.2	.0	.0	.0	.0	.5	.1	.0	.1	.2	.0
5. NE7	*	.0	.6	.4	.0	.0	.4	.0	.0	.0	.0	.0	.4
6. SE7	*	.0	.6	.0	.0	.0	.0	.8	.0	.0	.2	.0	.0
7. SW7	*	.0	.9	.0	.0	.0	.0	1.3	.0	.0	.0	.1	.0
8. NW7	*	.0	1.7	.0	.0	.0	.0	.6	.0	.0	.1	.1	.0

36-limaamwp

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

JOB: Lincoln and Manchester AM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	2011	2.5	.0	24.0
B. NA	*	11 -150 11 0	*	AG	1903	4.6	.0	22.5
C. ND	*	11 0 11 150	*	AG	2907	3.0	.0	18.0
D. NE	*	11 150 11 450	*	AG	2907	2.5	.0	24.0
E. SF	*	-9 450 -9 150	*	AG	3829	2.5	.0	19.5
F. SA	*	-9 150 -9 0	*	AG	3237	6.5	.0	18.0
G. SD	*	-9 0 -9 -150	*	AG	3129	3.5	.0	13.5
H. SE	*	-9 -150 -9 -450	*	AG	3129	2.5	.0	19.5
I. WF	*	450 7 150 7	*	AG	1399	2.5	.0	15.0
J. WA	*	150 7 0 7	*	AG	1240	15.0	.0	13.5
K. WD	*	0 7 -150 7	*	AG	1033	7.8	.0	9.9
L. WE	*	-150 7 -450 7	*	AG	1033	2.5	.0	15.0
M. EF	*	-450 -7 -150 -7	*	AG	1127	2.5	.0	15.0
N. EA	*	-150 -7 0 -7	*	AG	696	9.7	.0	13.5
O. ED	*	0 -7 150 -7	*	AG	1297	12.7	.0	9.9
P. EE	*	150 -7 450 -7	*	AG	1297	2.5	.0	15.0
Q. NL	*	0 0 5 -150	*	AG	108	4.3	.0	9.9
R. SL	*	0 0 -5 150	*	AG	592	5.2	.0	9.9
S. WL	*	0 0 150 5	*	AG	159	9.7	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	431	15.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	23 14 1.8
2. SE3	*	23 -14 1.8
3. SW3	*	-19 -14 1.8
4. NW3	*	-19 14 1.8
5. NE7	*	27 18 1.8
6. SE7	*	27 -18 1.8
7. SW7	*	-23 -18 1.8
8. NW7	*	-23 18 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
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36-limaamwp

	*	*	*									
1. NE3	*	260.	*	4.2	*	.0	.0	.5	.0	.0	.6	.0
2. SE3	*	345.	*	3.6	*	.0	.2	.7	.0	.0	.7	.0
3. SW3	*	81.	*	4.3	*	.0	.3	.0	.0	.0	.0	.6
4. NW3	*	97.	*	4.8	*	.0	.0	.3	.0	.0	1.2	.0
5. NE7	*	252.	*	3.0	*	.0	.0	.4	.0	.0	.5	.0
6. SE7	*	341.	*	3.0	*	.0	.0	.5	.0	.0	.7	.0
7. SW7	*	78.	*	3.3	*	.0	.3	.0	.0	.0	.0	.5
8. NW7	*	100.	*	4.0	*	.0	.0	.2	.0	.0	1.0	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	1.3	.8	.0	.0	.4	.0	.0	.0	.1	.0	.6
2. SE3	*	.0	.7	.0	.0	.0	.0	1.0	.0	.0	.2	.0	.0
3. SW3	*	.0	.9	.0	.0	.0	.4	1.9	.0	.0	.0	.2	.0
4. NW3	*	.0	2.3	.0	.0	.0	.0	.5	.1	.0	.1	.2	.0
5. NE7	*	.0	.7	.5	.0	.0	.4	.0	.0	.0	.0	.0	.5
6. SE7	*	.0	.6	.0	.0	.0	.0	.8	.0	.0	.2	.0	.0
7. SW7	*	.0	1.0	.0	.0	.0	.0	1.4	.0	.0	.0	.1	.0
8. NW7	*	.0	1.8	.0	.0	.0	.0	.7	.0	.0	.1	.1	.0

37-limapmnp

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

JOB: Lincoln and Manchester PM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	3510	2.5	.0	24.0
B. NA	*	11 -150 11 0	*	AG	3438	5.8	.0	22.5
C. ND	*	11 0 11 150	*	AG	3888	3.4	.0	18.0
D. NE	*	11 150 11 450	*	AG	3888	2.5	.0	24.0
E. SF	*	-9 450 -9 150	*	AG	2880	2.5	.0	19.5
F. SA	*	-9 150 -9 0	*	AG	2604	5.8	.0	18.0
G. SD	*	-9 0 -9 -150	*	AG	2480	3.0	.0	13.5
H. SE	*	-9 -150 -9 -450	*	AG	2480	2.5	.0	19.5
I. WF	*	450 7 150 7	*	AG	915	2.5	.0	15.0
J. WA	*	150 7 0 7	*	AG	677	10.7	.0	13.5
K. WD	*	0 7 -150 7	*	AG	925	14.5	.0	9.9
L. WE	*	-150 7 -450 7	*	AG	925	2.5	.0	15.0
M. EF	*	-450 -7 -150 -7	*	AG	899	2.5	.0	15.0
N. EA	*	-150 -7 0 -7	*	AG	499	10.7	.0	13.5
O. ED	*	0 -7 150 -7	*	AG	911	14.5	.0	9.9
P. EE	*	150 -7 450 -7	*	AG	911	2.5	.0	15.0
Q. NL	*	0 0 5 -150	*	AG	72	4.2	.0	9.9
R. SL	*	0 0 -5 150	*	AG	276	4.4	.0	9.9
S. WL	*	0 0 150 5	*	AG	238	10.7	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	400	17.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	23 14 1.8
2. SE3	*	23 -14 1.8
3. SW3	*	-19 -14 1.8
4. NW3	*	-19 14 1.8
5. NE7	*	27 18 1.8
6. SE7	*	27 -18 1.8
7. SW7	*	-23 -18 1.8
8. NW7	*	-23 18 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	A	B	C	D	E	F	G	H

37-limapmnp

	*	*	*									
1. NE3	*	262.	*	4.1	*	.0	.0	.7	.0	.0	.4	.0
2. SE3	*	288.	*	3.7	*	.0	1.1	.0	.0	.0	.0	.2
3. SW3	*	82.	*	3.6	*	.0	.6	.0	.0	.0	.4	.0
4. NW3	*	125.	*	3.6	*	.0	.6	.0	.0	.0	1.0	.0
5. NE7	*	259.	*	3.2	*	.0	.0	.6	.0	.0	.4	.0
6. SE7	*	301.	*	3.1	*	.0	1.0	.0	.0	.0	.3	.0
7. SW7	*	79.	*	2.8	*	.0	.5	.0	.0	.0	.0	.3
8. NW7	*	128.	*	3.0	*	.0	.5	.0	.0	.0	.8	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.4	1.6	.0	.0	.3	.0	.0	.0	.0	.0	.6
2. SE3	*	.0	.0	.7	.0	.0	.3	.9	.0	.0	.0	.0	.5
3. SW3	*	.0	.4	.0	.0	.0	.3	1.7	.0	.0	.0	.2	.0
4. NW3	*	.0	.0	1.1	.0	.0	.0	.6	.0	.0	.0	.0	.2
5. NE7	*	.0	.0	1.2	.0	.0	.3	.0	.0	.0	.0	.0	.6
6. SE7	*	.0	.0	.6	.0	.0	.0	.8	.0	.0	.0	.0	.2
7. SW7	*	.0	.4	.0	.0	.0	.0	1.2	.0	.0	.0	.2	.0
8. NW7	*	.0	.0	.8	.0	.0	.0	.5	.0	.0	.0	.0	.2

38-limapmwp

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

JOB: Lincoln and Manchester PM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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) X1 Y1 X2 Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11 -450 11 -150	*	AG	3646	2.5	.0	24.0
B. NA	*	11 -150 11 0	*	AG	3574	6.0	.0	22.5
C. ND	*	11 0 11 150	*	AG	4099	3.5	.0	18.0
D. NE	*	11 150 11 450	*	AG	4099	2.5	.0	24.0
E. SF	*	-9 450 -9 150	*	AG	3011	2.5	.0	19.5
F. SA	*	-9 150 -9 0	*	AG	2725	6.0	.0	18.0
G. SD	*	-9 0 -9 -150	*	AG	2599	3.2	.0	13.5
H. SE	*	-9 -150 -9 -450	*	AG	2599	2.5	.0	19.5
I. WF	*	450 7 150 7	*	AG	987	2.5	.0	15.0
J. WA	*	150 7 0 7	*	AG	749	11.0	.0	13.5
K. WD	*	0 7 -150 7	*	AG	927	15.0	.0	9.9
L. WE	*	-150 7 -450 7	*	AG	927	2.5	.0	15.0
M. EF	*	-450 -7 -150 -7	*	AG	902	2.5	.0	15.0
N. EA	*	-150 -7 0 -7	*	AG	499	11.0	.0	13.5
O. ED	*	0 -7 150 -7	*	AG	921	15.0	.0	9.9
P. EE	*	150 -7 450 -7	*	AG	921	2.5	.0	15.0
Q. NL	*	0 0 5 -150	*	AG	72	4.3	.0	9.9
R. SL	*	0 0 -5 150	*	AG	286	4.6	.0	9.9
S. WL	*	0 0 150 5	*	AG	238	11.0	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	403	18.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X Y Z
1. NE3	*	23 14 1.8
2. SE3	*	23 -14 1.8
3. SW3	*	-19 -14 1.8
4. NW3	*	-19 14 1.8
5. NE7	*	27 18 1.8
6. SE7	*	27 -18 1.8
7. SW7	*	-23 -18 1.8
8. NW7	*	-23 18 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H

38-limapmwp												
	*	*	*									
1. NE3	*	262.	*	4.4	*	.0	.0	.7	.0	.0	.5	.0
2. SE3	*	288.	*	3.9	*	.0	1.2	.0	.0	.0	.0	.0
3. SW3	*	82.	*	3.8	*	.0	.6	.0	.0	.0	.5	.0
4. NW3	*	125.	*	3.8	*	.0	.6	.0	.0	.0	1.1	.0
5. NE7	*	259.	*	3.3	*	.0	.0	.6	.0	.0	.4	.0
6. SE7	*	301.	*	3.3	*	.0	1.0	.0	.0	.0	.3	.0
7. SW7	*	79.	*	3.0	*	.0	.6	.0	.0	.0	.0	.0
8. NW7	*	128.	*	3.2	*	.0	.6	.0	.0	.0	.9	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.5	1.6	.0	.0	.3	.0	.0	.0	.0	.0	.6
2. SE3	.0	.0	.8	.0	.0	.3	.9	.0	.0	.0	.0	.5
3. SW3	.0	.4	.0	.0	.0	.3	1.7	.0	.0	.0	.2	.0
4. NW3	.0	.0	1.1	.0	.0	.0	.6	.0	.0	.0	.0	.2
5. NE7	.0	.0	1.3	.0	.0	.3	.0	.0	.0	.0	.0	.6
6. SE7	.0	.0	.6	.0	.0	.0	.9	.0	.0	.0	.0	.3
7. SW7	.0	.4	.0	.0	.0	.0	1.3	.0	.0	.0	.2	.0
8. NW7	.0	.0	.9	.0	.0	.0	.5	.0	.0	.0	.0	.2

39-liblamnp

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

JOB: Lincoln and Bluff Creek AM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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) X1 Y1 X2 Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	14 -450 14 -150	*	AG	3520	2.5	.0	24.0
B. NA	*	14 -150 14 0	*	AG	3520	7.6	.0	18.0
C. ND	*	14 0 14 150	*	AG	3124	3.0	.0	18.0
D. NE	*	14 150 14 450	*	AG	3124	2.5	.0	24.0
E. SF	*	-14 450 -14 150	*	AG	3658	2.5	.0	24.0
F. SA	*	-14 150 -14 0	*	AG	3325	5.1	.0	27.0
G. SD	*	-14 0 -14 -150	*	AG	3884	3.4	.0	18.0
H. SE	*	-14 -150 -14 -450	*	AG	3884	2.5	.0	24.0
I. WF	*	450 7 150 7	*	AG	629	2.5	.0	19.5
J. WA	*	150 7 0 7	*	AG	70	17.7	.0	13.5
K. WD	*	0 570 0 600	*	AG	0	17.7	.0	9.9
L. WE	*	0 570 0 600	*	AG	0	2.5	.0	10.5
M. EF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
N. EA	*	0 570 0 600	*	AG	0	17.7	.0	9.9
O. ED	*	0 -5 150 -5	*	AG	799	17.7	.0	9.9
P. EE	*	150 -5 450 -5	*	AG	799	2.5	.0	15.0
Q. NL	*	0 600 0 570	*	AG	0	4.2	.0	9.9
R. SL	*	0 0 -7 150	*	AG	333	4.2	.0	9.9
S. WL	*	0 0 150 11	*	AG	559	17.7	.0	13.5
T. EL	*	0 600 0 570	*	AG	0	17.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X Y Z
1. NE3	*	26 17 1.8
2. SE3	*	26 -12 1.8
3. SW3	*	-26 -12 1.8
4. NW3	*	-26 17 1.8
5. NE7	*	29 20 1.8
6. SE7	*	29 -16 1.8
7. SW7	*	-29 -16 1.8
8. NW7	*	-29 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H

39-liblamnp

	*	*	*									
1. NE3	*	188.	*	3.9	*	.0	2.4	.0	.0	.0	.0	.3
2. SE3	*	300.	*	3.8	*	.0	1.5	.0	.0	.0	.4	.0
3. SW3	*	82.	*	4.1	*	.0	.6	.0	.0	.0	.7	.0
4. NW3	*	100.	*	2.8	*	.0	.0	.2	.0	.0	.8	.0
5. NE7	*	191.	*	3.1	*	.0	1.8	.0	.0	.0	.0	.3
6. SE7	*	304.	*	3.1	*	.0	1.2	.0	.0	.0	.4	.0
7. SW7	*	79.	*	3.5	*	.0	.6	.0	.0	.0	.6	.0
8. NW7	*	102.	*	2.6	*	.0	.0	.2	.0	.0	.8	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.5	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.5	.0
3. SW3	*	.0	.1	.0	.0	.0	.0	1.6	.0	.0	.0	1.0	.0
4. NW3	*	.0	.2	.0	.0	.0	.0	.8	.0	.0	.0	.7	.0
5. NE7	*	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.4	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.4	.0
7. SW7	*	.0	.1	.0	.0	.0	.0	1.3	.0	.0	.0	.9	.0
8. NW7	*	.0	.2	.0	.0	.0	.0	.8	.0	.0	.0	.6	.0

40-liblamwp

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

JOB: Lincoln and Bluff Creek AM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	14 -450 14 -150	*	AG	3620	2.5	.0	24.0
B. NA	*	14 -150 14 0	*	AG	3620	7.8	.0	18.0
C. ND	*	14 0 14 150	*	AG	3131	3.1	.0	18.0
D. NE	*	14 150 14 450	*	AG	3131	2.5	.0	24.0
E. SF	*	-14 450 -14 150	*	AG	3670	2.5	.0	24.0
F. SA	*	-14 150 -14 0	*	AG	3337	5.2	.0	27.0
G. SD	*	-14 0 -14 -150	*	AG	4000	3.5	.0	18.0
H. SE	*	-14 -150 -14 -450	*	AG	4000	2.5	.0	24.0
I. WF	*	450 7 150 7	*	AG	733	2.5	.0	19.5
J. WA	*	150 7 0 7	*	AG	70	18.4	.0	13.5
K. WD	*	0 570 0 600	*	AG	0	18.4	.0	9.9
L. WE	*	0 570 0 600	*	AG	0	2.5	.0	10.5
M. EF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
N. EA	*	0 570 0 600	*	AG	0	18.4	.0	9.9
O. ED	*	0 -5 150 -5	*	AG	892	18.4	.0	9.9
P. EE	*	150 -5 450 -5	*	AG	892	2.5	.0	15.0
Q. NL	*	0 600 0 570	*	AG	0	4.3	.0	9.9
R. SL	*	0 0 -7 150	*	AG	333	4.3	.0	9.9
S. WL	*	0 0 150 11	*	AG	663	18.4	.0	13.5
T. EL	*	0 600 0 570	*	AG	0	18.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	26 17 1.8
2. SE3	*	26 -12 1.8
3. SW3	*	-26 -12 1.8
4. NW3	*	-26 17 1.8
5. NE7	*	29 20 1.8
6. SE7	*	29 -16 1.8
7. SW7	*	-29 -16 1.8
8. NW7	*	-29 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	A	B	C	D	E	F	G	H
	*			*								

40-liblamwp												
	*	*	*									
1. NE3	*	188.	*	4.2	*	.0	2.5	.0	.0	.0	.0	.3
2. SE3	*	300.	*	4.1	*	.0	1.5	.0	.0	.0	.5	.0
3. SW3	*	82.	*	4.6	*	.0	.7	.0	.0	.0	.7	.0
4. NW3	*	100.	*	3.1	*	.0	.0	.2	.0	.0	.8	.0
5. NE7	*	191.	*	3.4	*	.0	1.9	.0	.0	.0	.0	.3
6. SE7	*	304.	*	3.4	*	.0	1.2	.0	.0	.0	.4	.0
7. SW7	*	79.	*	3.9	*	.0	.6	.0	.0	.0	.6	.0
8. NW7	*	102.	*	2.8	*	.0	.0	.2	.0	.0	.8	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.6	.0
2. SE3	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.6	.0
3. SW3	.0	.1	.0	.0	.0	.0	1.9	.0	.0	.0	1.2	.0
4. NW3	.0	.2	.0	.0	.0	.0	.9	.0	.0	.0	.9	.0
5. NE7	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.5	.0
6. SE7	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.5	.0
7. SW7	.0	.1	.0	.0	.0	.0	1.4	.0	.0	.0	1.1	.0
8. NW7	.0	.2	.0	.0	.0	.0	.9	.0	.0	.0	.7	.0

41-liblpmnp

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

JOB: Lincoln and Bluff Creek PM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	14 -450 14 -150	*	AG	4445	2.5	.0	24.0
B. NA	*	14 -150 14 0	*	AG	4445	9.4	.0	18.0
C. ND	*	14 0 14 150	*	AG	4024	3.4	.0	18.0
D. NE	*	14 150 14 450	*	AG	4024	2.5	.0	24.0
E. SF	*	-14 450 -14 150	*	AG	2928	2.5	.0	24.0
F. SA	*	-14 150 -14 0	*	AG	2725	4.7	.0	27.0
G. SD	*	-14 0 -14 -150	*	AG	3510	3.1	.0	18.0
H. SE	*	-14 -150 -14 -450	*	AG	3510	2.5	.0	24.0
I. WF	*	450 7 150 7	*	AG	898	2.5	.0	19.5
J. WA	*	150 7 0 7	*	AG	113	17.7	.0	13.5
K. WD	*	0 570 0 600	*	AG	0	17.7	.0	9.9
L. WE	*	0 570 0 600	*	AG	0	2.5	.0	10.5
M. EF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
N. EA	*	0 570 0 600	*	AG	0	17.7	.0	9.9
O. ED	*	0 -5 150 -5	*	AG	737	17.7	.0	9.9
P. EE	*	150 -5 450 -5	*	AG	737	2.5	.0	15.0
Q. NL	*	0 600 0 570	*	AG	0	4.2	.0	9.9
R. SL	*	0 0 -7 150	*	AG	203	4.2	.0	9.9
S. WL	*	0 0 150 11	*	AG	785	17.7	.0	13.5
T. EL	*	0 600 0 570	*	AG	0	17.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	26 17 1.8
2. SE3	*	26 -12 1.8
3. SW3	*	-26 -12 1.8
4. NW3	*	-26 17 1.8
5. NE7	*	29 20 1.8
6. SE7	*	29 -16 1.8
7. SW7	*	-29 -16 1.8
8. NW7	*	-29 20 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
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41-liblpmnp

	*	*	*									
1. NE3	*	189.	*	5.2	*	.0	3.5	.0	.0	.0	.0	.3
2. SE3	*	300.	*	4.6	*	.0	2.3	.0	.0	.0	.3	.0
3. SW3	*	81.	*	4.6	*	.0	.9	.0	.0	.0	.6	.0
4. NW3	*	99.	*	3.0	*	.0	.0	.3	.0	.0	.6	.0
5. NE7	*	191.	*	4.1	*	.0	2.7	.0	.0	.0	.0	.3
6. SE7	*	304.	*	3.7	*	.0	1.8	.0	.0	.0	.3	.0
7. SW7	*	78.	*	3.9	*	.0	.9	.0	.0	.0	.5	.0
8. NW7	*	101.	*	2.7	*	.0	.0	.3	.0	.0	.6	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.1	.0	.0	.0	.0	.5	.0	.0	.0	.6	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.7	.0
3. SW3	*	.0	.2	.0	.0	.0	.0	1.4	.0	.0	.0	1.4	.0
4. NW3	*	.0	.3	.0	.0	.0	.0	.7	.0	.0	.0	1.0	.0
5. NE7	*	.0	.1	.0	.0	.0	.0	.4	.0	.0	.0	.6	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.6	.0
7. SW7	*	.0	.2	.0	.0	.0	.0	1.1	.0	.0	.0	1.3	.0
8. NW7	*	.0	.2	.0	.0	.0	.0	.7	.0	.0	.0	.8	.0

42-liblpmwp

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

JOB: Lincoln and Bluff Creek PM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	14 -450 14 -150	*	AG	4686	2.5	.0	24.0
B. NA	*	14 -150 14 0	*	AG	4686	9.7	.0	18.0
C. ND	*	14 0 14 150	*	AG	4033	3.5	.0	18.0
D. NE	*	14 150 14 450	*	AG	4033	2.5	.0	24.0
E. SF	*	-14 450 -14 150	*	AG	2934	2.5	.0	24.0
F. SA	*	-14 150 -14 0	*	AG	2731	4.9	.0	27.0
G. SD	*	-14 0 -14 -150	*	AG	3664	3.2	.0	18.0
H. SE	*	-14 -150 -14 -450	*	AG	3664	2.5	.0	24.0
I. WF	*	450 7 150 7	*	AG	1046	2.5	.0	19.5
J. WA	*	150 7 0 7	*	AG	113	18.4	.0	13.5
K. WD	*	0 570 0 600	*	AG	0	12.7	.0	9.9
L. WE	*	0 570 0 600	*	AG	0	2.5	.0	10.5
M. EF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
N. EA	*	0 570 0 600	*	AG	0	18.4	.0	9.9
O. ED	*	0 -5 150 -5	*	AG	969	18.4	.0	9.9
P. EE	*	150 -5 450 -5	*	AG	969	2.5	.0	15.0
Q. NL	*	0 600 0 570	*	AG	0	4.3	.0	9.9
R. SL	*	0 0 -7 150	*	AG	203	4.3	.0	9.9
S. WL	*	0 0 150 11	*	AG	933	18.4	.0	13.5
T. EL	*	0 600 0 570	*	AG	0	18.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	26 17 1.8
2. SE3	*	26 -12 1.8
3. SW3	*	-26 -12 1.8
4. NW3	*	-26 17 1.8
5. NE7	*	29 20 1.8
6. SE7	*	29 -16 1.8
7. SW7	*	-29 -16 1.8
8. NW7	*	-29 20 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
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42-liblpmwp

	*	*	*									
1. NE3	*	189.	*	5.8	*	.0	3.8	.0	.0	.0	.0	.3
2. SE3	*	300.	*	5.3	*	.0	2.5	.0	.0	.0	.4	.0
3. SW3	*	81.	*	5.5	*	.0	1.0	.0	.0	.0	.6	.0
4. NW3	*	100.	*	3.5	*	.0	.0	.3	.0	.0	.6	.0
5. NE7	*	191.	*	4.6	*	.0	2.9	.0	.0	.0	.0	.3
6. SE7	*	304.	*	4.3	*	.0	1.9	.0	.0	.0	.3	.0
7. SW7	*	79.	*	4.7	*	.0	1.0	.0	.0	.0	.5	.0
8. NW7	*	102.	*	3.1	*	.0	.0	.3	.0	.0	.6	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK											
	*	(PPM)											
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.1	.0	.0	.0	.0	.6	.0	.0	.0	.8	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.0	.8	.0
3. SW3	*	.0	.2	.0	.0	.0	.0	1.9	.0	.0	.0	1.7	.0
4. NW3	*	.0	.3	.0	.0	.0	.0	1.0	.0	.0	.0	1.2	.0
5. NE7	*	.0	.1	.0	.0	.0	.0	.6	.0	.0	.0	.7	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.7	.0
7. SW7	*	.0	.2	.0	.0	.0	.0	1.6	.0	.0	.0	1.4	.0
8. NW7	*	.0	.2	.0	.0	.0	.0	.9	.0	.0	.0	1.0	.0

43-liwaamnp

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

JOB: Lincoln and Washington AM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	2764	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	2058	5.4	.0	22.5
C. ND	*	11 0 11 150	*	AG	2184	3.1	.0	13.5
D. NE	*	11 150 11 450	*	AG	2184	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	2118	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	1876	5.4	.0	22.5
G. SD	*	-11 0 -11 -150	*	AG	2631	4.0	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	2631	2.5	.0	19.5
I. WF	*	450 9 150 9	*	AG	1036	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	792	7.6	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1501	12.3	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	1501	2.5	.0	15.0
M. EF	*	-450 -9 -150 -9	*	AG	2117	2.5	.0	15.0
N. EA	*	-150 -9 0 -9	*	AG	1842	10.7	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	1719	17.7	.0	9.9
P. EE	*	150 -9 450 -9	*	AG	1719	2.5	.0	15.0
Q. NL	*	0 0 7 -150	*	AG	706	5.4	.0	9.9
R. SL	*	0 0 -7 150	*	AG	242	5.1	.0	9.9
S. WL	*	0 0 150 7	*	AG	244	7.6	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	275	7.6	.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
5. NE7	*	25 20 1.8
6. SE7	*	25 -20 1.8
7. SW7	*	-25 -20 1.8
8. NW7	*	-25 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	A	B	C	D	E	F	G	H

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	*	*	*									
1. NE3	*	262.	*	4.0	*	.0	.0	.4	.0	.0	.3	.0
2. SE3	*	294.	*	4.8	*	.0	.6	.0	.0	.0	.0	.2
3. SW3	*	84.	*	6.0	*	.0	.3	.0	.0	.0	.0	.6
4. NW3	*	169.	*	3.8	*	.2	.3	.0	.0	.0	.3	1.0
5. NE7	*	258.	*	3.3	*	.0	.0	.3	.0	.0	.3	.0
6. SE7	*	302.	*	3.8	*	.0	.6	.0	.0	.0	.2	.0
7. SW7	*	78.	*	4.4	*	.0	.3	.0	.0	.0	.0	.5
8. NW7	*	128.	*	3.2	*	.0	.3	.0	.0	.0	.6	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK											
	*	(PPM)											
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.4	2.1	.0	.2	.5	.0	.0	.0	.0	.0	.1
2. SE3	*	.0	.0	.8	.0	.0	.6	2.3	.0	.1	.0	.0	.1
3. SW3	*	.1	.1	.0	.0	.0	1.2	3.5	.0	.1	.0	.0	.0
4. NW3	*	.0	.0	1.1	.0	.0	.7	.0	.0	.2	.0	.0	.0
5. NE7	*	.0	.2	1.5	.0	.0	.8	.0	.0	.0	.0	.0	.2
6. SE7	*	.0	.0	.7	.0	.0	.3	1.8	.0	.1	.0	.0	.0
7. SW7	*	.0	.3	.0	.0	.0	.7	2.4	.0	.1	.0	.1	.0
8. NW7	*	.0	.0	1.1	.0	.0	.0	1.0	.0	.0	.0	.0	.0

44-liwaamwp

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

JOB: Lincoln and Washington AM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	2813	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	2102	5.6	.0	22.5
C. ND	*	11 0 11 150	*	AG	2225	3.2	.0	13.5
D. NE	*	11 150 11 450	*	AG	2225	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	2147	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	1905	5.6	.0	22.5
G. SD	*	-11 0 -11 -150	*	AG	2669	4.1	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	2669	2.5	.0	19.5
I. WF	*	450 9 150 9	*	AG	1036	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	792	7.8	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1506	12.7	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	1506	2.5	.0	15.0
M. EF	*	-450 -9 -150 -9	*	AG	2126	2.5	.0	15.0
N. EA	*	-150 -9 0 -9	*	AG	1851	11.0	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	1722	18.4	.0	9.9
P. EE	*	150 -9 450 -9	*	AG	1722	2.5	.0	15.0
Q. NL	*	0 0 7 -150	*	AG	711	5.6	.0	9.9
R. SL	*	0 0 -7 150	*	AG	242	5.2	.0	9.9
S. WL	*	0 0 150 7	*	AG	244	7.8	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	275	7.8	.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
5. NE7	*	25 20 1.8
6. SE7	*	25 -20 1.8
7. SW7	*	-25 -20 1.8
8. NW7	*	-25 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	*	PRED CONC (PPM)	*	A	B	C	D	E	F	G	H
	*		*	CONC/ LINK (PPM)	*								

44-liwaamwp

	*	*	*									
1. NE3	*	261.	*	4.1	*	.0	.0	.4	.0	.0	.3	.0
2. SE3	*	294.	*	5.0	*	.0	.6	.0	.0	.0	.0	.2
3. SW3	*	84.	*	6.2	*	.0	.3	.0	.0	.0	.0	.6
4. NW3	*	169.	*	4.0	*	.2	.3	.0	.0	.0	.4	1.0
5. NE7	*	258.	*	3.5	*	.0	.0	.3	.0	.0	.3	.0
6. SE7	*	302.	*	4.0	*	.0	.6	.0	.0	.0	.2	.0
7. SW7	*	78.	*	4.6	*	.0	.3	.0	.0	.0	.0	.5
8. NW7	*	128.	*	3.4	*	.0	.3	.0	.0	.0	.6	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.4	2.0	.0	.1	.7	.0	.0	.0	.0	.0	.2
2. SE3	*	.0	.0	.8	.0	.0	.6	2.4	.0	.2	.0	.0	.1
3. SW3	*	.1	.1	.0	.0	.0	1.2	3.6	.0	.1	.0	.0	.0
4. NW3	*	.0	.0	1.2	.0	.0	.7	.0	.0	.2	.0	.0	.0
5. NE7	*	.0	.2	1.5	.0	.0	.8	.0	.0	.0	.0	.0	.2
6. SE7	*	.0	.0	.7	.0	.0	.3	1.8	.0	.1	.0	.0	.0
7. SW7	*	.0	.3	.0	.0	.0	.7	2.5	.0	.1	.0	.1	.0
8. NW7	*	.0	.0	1.2	.0	.0	.0	1.1	.0	.0	.0	.0	.0

45-liwapmnp

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

JOB: Lincoln and Washington PM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	2961	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	2225	5.8	.0	22.5
C. ND	*	11 0 11 150	*	AG	2324	3.6	.0	13.5
D. NE	*	11 150 11 450	*	AG	2324	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	2350	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	2009	5.8	.0	22.5
G. SD	*	-11 0 -11 -150	*	AG	2931	5.4	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	2931	2.5	.0	19.5
I. WF	*	450 9 150 9	*	AG	1638	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	1231	7.6	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1904	17.7	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	1904	2.5	.0	15.0
M. EF	*	-450 -9 -150 -9	*	AG	1978	2.5	.0	15.0
N. EA	*	-150 -9 0 -9	*	AG	1828	10.7	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	1768	14.5	.0	9.9
P. EE	*	150 -9 450 -9	*	AG	1768	2.5	.0	15.0
Q. NL	*	0 0 7 -150	*	AG	736	5.8	.0	9.9
R. SL	*	0 0 -7 150	*	AG	341	5.4	.0	9.9
S. WL	*	0 0 150 7	*	AG	407	7.6	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	150	7.6	.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
5. NE7	*	25 20 1.8
6. SE7	*	25 -20 1.8
7. SW7	*	-25 -20 1.8
8. NW7	*	-25 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	*	PRED CONC (PPM)	*	A	B	C	D	E	F	G	H
	*		*	CONC/ LINK (PPM)	*								

45-liwapmnp

	*	*	*									
1. NE3	*	263.	*	5.8	*	.0	.0	.5	.0	.0	.3	.0
2. SE3	*	292.	*	5.2	*	.0	.7	.0	.0	.0	.0	.4
3. SW3	*	83.	*	5.9	*	.0	.4	.0	.0	.0	.0	.9
4. NW3	*	170.	*	5.3	*	.2	.3	.0	.0	.0	.4	1.5
5. NE7	*	258.	*	4.6	*	.0	.0	.4	.0	.0	.3	.0
6. SE7	*	299.	*	4.2	*	.0	.7	.0	.0	.0	.2	.2
7. SW7	*	78.	*	4.5	*	.0	.4	.0	.0	.0	.0	.7
8. NW7	*	164.	*	4.3	*	.0	.5	.0	.0	.0	.3	1.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.6	3.7	.0	.2	.4	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	1.4	.0	.0	.7	1.8	.0	.2	.0	.0	.0
3. SW3	*	.2	.2	.0	.0	.0	1.1	2.8	.0	.2	.0	.1	.0
4. NW3	*	.0	.0	2.0	.0	.0	.7	.0	.0	.2	.0	.0	.0
5. NE7	*	.0	.3	2.6	.0	.0	.8	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	1.2	.0	.0	.4	1.3	.0	.2	.0	.0	.0
7. SW7	*	.0	.4	.0	.0	.0	.7	2.0	.0	.1	.0	.2	.0
8. NW7	*	.0	.0	1.6	.0	.0	.6	.0	.0	.2	.0	.0	.0

46-liwapmwp

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

JOB: Lincoln and Washington PM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	3008	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	2265	6.0	.0	22.5
C. ND	*	11 0 11 150	*	AG	2362	3.5	.0	13.5
D. NE	*	11 150 11 450	*	AG	2362	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	2393	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	2052	6.0	.0	22.5
G. SD	*	-11 0 -11 -150	*	AG	2986	5.6	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	2986	2.5	.0	19.5
I. WF	*	450 9 150 9	*	AG	1639	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	1231	7.8	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1911	18.4	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	1911	2.5	.0	15.0
M. EF	*	-450 -9 -150 -9	*	AG	1989	2.5	.0	15.0
N. EA	*	-150 -9 0 -9	*	AG	1839	11.0	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	1770	18.4	.0	9.9
P. EE	*	150 -9 450 -9	*	AG	1770	2.5	.0	15.0
Q. NL	*	0 0 7 -150	*	AG	743	6.0	.0	9.9
R. SL	*	0 0 -7 150	*	AG	341	5.2	.0	9.9
S. WL	*	0 0 150 7	*	AG	408	7.8	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	150	7.8	.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
5. NE7	*	25 20 1.8
6. SE7	*	25 -20 1.8
7. SW7	*	-25 -20 1.8
8. NW7	*	-25 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	A	B	C	D	E	F	G	H
	*		CONC/ LINK (PPM)									

46-liwapmwp

	*	*	*									
1. NE3	*	263.	*	6.0	*	.0	.0	.5	.0	.0	.4	.0
2. SE3	*	293.	*	5.8	*	.0	.7	.0	.0	.0	.0	.4
3. SW3	*	83.	*	6.8	*	.0	.4	.0	.0	.0	.0	.9
4. NW3	*	169.	*	5.5	*	.2	.3	.0	.0	.0	.4	1.5
5. NE7	*	258.	*	4.7	*	.0	.0	.4	.0	.0	.3	.0
6. SE7	*	301.	*	4.7	*	.0	.7	.0	.0	.0	.2	.2
7. SW7	*	78.	*	5.2	*	.0	.4	.0	.0	.0	.0	.7
8. NW7	*	125.	*	4.5	*	.0	.3	.0	.0	.0	.7	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.6	3.8	.0	.2	.4	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	1.4	.0	.0	.6	2.3	.0	.2	.0	.0	.0
3. SW3	*	.2	.2	.0	.0	.0	1.2	3.6	.0	.2	.0	.1	.0
4. NW3	*	.0	.0	2.1	.0	.0	.7	.0	.0	.2	.0	.0	.0
5. NE7	*	.0	.3	2.7	.0	.0	.8	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	1.2	.0	.0	.3	1.8	.0	.2	.0	.0	.0
7. SW7	*	.0	.4	.0	.0	.0	.7	2.5	.0	.1	.0	.2	.0
8. NW7	*	.0	.0	2.1	.0	.0	.0	1.1	.0	.0	.0	.1	.0

47-semaamnp

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

JOB: Sepulveda and Manchester AM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	14 -450 14 -150	*	AG	2533	2.5	.0	24.0
B. NA	*	14 -150 14 0	*	AG	2335	5.1	.0	22.5
C. ND	*	14 0 14 150	*	AG	2730	2.9	.0	18.0
D. NE	*	14 150 14 450	*	AG	2730	2.5	.0	24.0
E. SF	*	-11 450 -11 150	*	AG	2947	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	2564	5.1	.0	22.5
G. SD	*	-11 0 -11 -150	*	AG	2320	3.0	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	2320	2.5	.0	19.5
I. WF	*	450 11 150 11	*	AG	1524	2.5	.0	19.5
J. WA	*	150 11 0 11	*	AG	1436	12.3	.0	18.0
K. WD	*	0 11 -150 11	*	AG	1686	10.7	.0	13.5
L. WE	*	-150 11 -450 11	*	AG	1686	2.5	.0	19.5
M. EF	*	-450 -9 -150 -9	*	AG	989	2.5	.0	15.0
N. EA	*	-150 -9 0 -9	*	AG	847	8.4	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	1257	10.7	.0	9.9
P. EE	*	150 -9 450 -9	*	AG	1257	2.5	.0	15.0
Q. NL	*	0 0 7 -150	*	AG	198	4.4	.0	9.9
R. SL	*	0 0 -7 150	*	AG	383	4.4	.0	9.9
S. WL	*	0 0 150 7	*	AG	88	8.4	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	142	8.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	26 21 1.8
2. SE3	*	26 -17 1.8
3. SW3	*	-21 -17 1.8
4. NW3	*	-21 21 1.8
5. NE7	*	29 25 1.8
6. SE7	*	29 -20 1.8
7. SW7	*	-25 -20 1.8
8. NW7	*	-25 25 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
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47-semaamnp												
	*	*	*									
1. NE3	*	262.	*	3.8	*	.0	.0	.4	.0	.0	.4	.0
2. SE3	*	295.	*	3.2	*	.0	.7	.0	.0	.0	.2	.0
3. SW3	*	81.	*	3.4	*	.0	.3	.0	.0	.0	.0	.4
4. NW3	*	104.	*	3.4	*	.0	.0	.2	.0	.0	.7	.0
5. NE7	*	255.	*	2.8	*	.0	.0	.3	.0	.0	.3	.0
6. SE7	*	300.	*	2.6	*	.0	.6	.0	.0	.0	.2	.0
7. SW7	*	77.	*	2.8	*	.0	.3	.0	.0	.0	.0	.3
8. NW7	*	101.	*	2.9	*	.0	.0	.2	.0	.0	.6	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK											
	*	(PPM)											
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.9	1.8	.0	.1	.1	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.8	.0	.0	.1	1.2	.0	.0	.0	.0	.0
3. SW3	*	.1	.5	.0	.0	.0	.4	1.5	.0	.0	.0	.0	.0
4. NW3	*	.0	1.2	.5	.0	.0	.0	.6	.0	.0	.0	.0	.0
5. NE7	*	.0	.4	1.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	.7	.0	.0	.0	.9	.0	.0	.0	.0	.0
7. SW7	*	.0	.7	.0	.0	.0	.3	1.1	.0	.0	.0	.0	.0
8. NW7	*	.0	1.5	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0

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

JOB: Sepulveda and Manchester AM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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	2538	2.5	.0	24.0
B. NA	*	14	-150	14	0	*	AG	2339	5.2	.0	22.5
C. ND	*	14	0	14	150	*	AG	2735	3.0	.0	18.0
D. NE	*	14	150	14	450	*	AG	2735	2.5	.0	24.0
E. SF	*	-11	450	-11	150	*	AG	2966	2.5	.0	19.5
F. SA	*	-11	150	-11	0	*	AG	2581	5.2	.0	22.5
G. SD	*	-11	0	-11	-150	*	AG	2339	3.1	.0	13.5
H. SE	*	-11	-150	-11	-450	*	AG	2339	2.5	.0	19.5
I. WF	*	450	11	150	11	*	AG	1537	2.5	.0	19.5
J. WA	*	150	11	0	11	*	AG	1449	12.7	.0	18.0
K. WD	*	0	11	-150	11	*	AG	1699	11.0	.0	13.5
L. WE	*	-150	11	-450	11	*	AG	1699	2.5	.0	19.5
M. EF	*	-450	-9	-150	-9	*	AG	999	2.5	.0	15.0
N. EA	*	-150	-9	0	-9	*	AG	857	8.7	.0	18.0
O. ED	*	0	-9	150	-9	*	AG	1267	11.0	.0	9.9
P. EE	*	150	-9	450	-9	*	AG	1267	2.5	.0	15.0
Q. NL	*	0	0	7	-150	*	AG	199	4.6	.0	9.9
R. SL	*	0	0	-7	150	*	AG	385	4.6	.0	9.9
S. WL	*	0	0	150	7	*	AG	88	8.7	.0	9.9
T. EL	*	0	0	-150	-7	*	AG	142	8.7	.0	9.9

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Sepulveda and Manchester AM WP
RUN: Hour 1 (WORST CASE ANGLE)

POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)		
		X	Y	Z
1. NE3	*	26	21	1.8
2. SE3	*	26	-17	1.8
3. SW3	*	-21	-17	1.8
4. NW3	*	-21	21	1.8
5. NE7	*	29	25	1.8
6. SE7	*	29	-20	1.8
7. SW7	*	-25	-20	1.8
8. NW7	*	-25	25	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.	* 4.0	*	.0	.0	.4	.0	.0	.4	.0	.0
2. SE3	*	295.	* 3.3	*	.0	.7	.0	.0	.0	.2	.0	.0
3. SW3	*	81.	* 3.5	*	.0	.3	.0	.0	.0	.0	.4	.0
4. NW3	*	104.	* 3.5	*	.0	.0	.2	.0	.0	.7	.0	.0
5. NE7	*	255.	* 2.9	*	.0	.0	.4	.0	.0	.3	.0	.0
6. SE7	*	300.	* 2.7	*	.0	.6	.0	.0	.0	.3	.0	.0
7. SW7	*	77.	* 2.9	*	.0	.3	.0	.0	.0	.0	.3	.0
8. NW7	*	101.	* 3.0	*	.0	.0	.2	.0	.0	.7	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Sepulveda and Manchester AM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

		*	CONC/LINK (PPM)											
		*												
RECEPTOR		*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3		*	.0	1.0	1.8	.0	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3		*	.0	.0	.8	.0	.0	.1	1.3	.0	.0	.0	.0	.0
3. SW3		*	.1	.5	.0	.0	.0	.4	1.5	.0	.0	.0	.0	.0
4. NW3		*	.0	1.3	.6	.0	.0	.0	.6	.0	.0	.0	.0	.0
5. NE7		*	.0	.5	1.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
6. SE7		*	.0	.0	.7	.0	.0	.0	.9	.0	.0	.0	.0	.0
7. SW7		*	.0	.7	.0	.0	.0	.3	1.1	.0	.0	.0	.0	.0
8. NW7		*	.0	1.6	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0

48-semaamwp

49-semapmnp

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

JOB: Sepulveda and Manchester PM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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	*	14 -450 14 -150	* AG	2969 2.5	.0	24.0
B. NA	*	14 -150 14 0	* AG	2877 5.1	.0	22.5
C. ND	*	14 0 14 150	* AG	3552 3.4	.0	13.5
D. NE	*	14 150 14 450	* AG	3552 2.5	.0	19.5
E. SF	*	-11 450 -11 150	* AG	3385 2.5	.0	19.5
F. SA	*	-11 150 -11 0	* AG	2978 5.1	.0	22.5
G. SD	*	-11 0 -11 -150	* AG	2739 3.1	.0	13.5
H. SE	*	-11 -150 -11 -450	* AG	2739 2.5	.0	19.5
I. WF	*	450 9 150 9	* AG	1335 2.5	.0	15.0
J. WA	*	150 9 0 9	* AG	1240 17.7	.0	9.9
K. WD	*	0 9 -150 9	* AG	1242 4.7	.0	13.5
L. WE	*	-150 9 -450 9	* AG	1242 2.5	.0	19.5
M. EF	*	-450 -9 -150 -9	* AG	1263 2.5	.0	15.0
N. EA	*	-150 -9 0 -9	* AG	987 9.4	.0	18.0
O. ED	*	0 -9 150 -9	* AG	1419 17.7	.0	9.9
P. EE	*	150 -9 450 -9	* AG	1419 2.5	.0	15.0
Q. NL	*	0 0 7 -150	* AG	92 4.2	.0	9.9
R. SL	*	0 0 -7 150	* AG	407 4.2	.0	9.9
S. WL	*	0 0 150 7	* AG	95 9.4	.0	9.9
T. EL	*	0 0 -150 -7	* AG	276 9.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	26 17 1.8
2. SE3	*	26 -17 1.8
3. SW3	*	-21 -17 1.8
4. NW3	*	-21 17 1.8
5. NE7	*	29 20 1.8
6. SE7	*	29 -20 1.8
7. SW7	*	-25 -20 1.8
8. NW7	*	-25 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED CONC (PPM)	*	A	B	C	D	E	F	G	H
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49-semapmnp												
	*	*	*									
1. NE3	*	187.	*	3.9	*	.1	1.4	.0	.0	.0	.0	.3
2. SE3	*	344.	*	4.2	*	.0	.4	.8	.0	.0	.5	.0
3. SW3	*	82.	*	5.0	*	.0	.4	.0	.0	.0	.5	.0
4. NW3	*	99.	*	4.9	*	.0	.0	.3	.0	.0	.8	.0
5. NE7	*	189.	*	3.3	*	.0	1.1	.0	.0	.0	.0	.3
6. SE7	*	336.	*	3.4	*	.0	.3	.6	.0	.0	.5	.0
7. SW7	*	78.	*	4.1	*	.0	.4	.0	.0	.0	.0	.4
8. NW7	*	102.	*	4.1	*	.0	.0	.3	.0	.0	.8	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

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	.8	.0	.0	.0	.0	.0
2. SE3	.0	.7	.0	.0	.0	.0	1.5	.0	.0	.1	.0	.0
3. SW3	.1	.5	.0	.0	.0	.5	2.8	.0	.0	.0	.0	.0
4. NW3	.0	2.4	.3	.0	.0	.0	.8	.0	.0	.0	.0	.0
5. NE7	.0	1.1	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0
6. SE7	.0	.7	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0
7. SW7	.0	.9	.0	.0	.0	.3	2.1	.0	.0	.0	.0	.0
8. NW7	.0	1.9	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0

50-semapmwp

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

JOB: Sepulveda and Manchester PM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	14 -450 14 -150	*	AG	3056	2.5	.0	24.0
B. NA	*	14 -150 14 0	*	AG	2964	5.2	.0	22.5
C. ND	*	14 0 14 150	*	AG	3676	3.5	.0	13.5
D. NE	*	14 150 14 450	*	AG	3676	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	3450	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	3021	5.2	.0	22.5
G. SD	*	-11 0 -11 -150	*	AG	2778	3.2	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	2778	2.5	.0	19.5
I. WF	*	450 9 150 9	*	AG	1416	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	1321	18.4	.0	9.9
K. WD	*	0 9 -150 9	*	AG	1298	4.9	.0	13.5
L. WE	*	-150 9 -450 9	*	AG	1298	2.5	.0	19.5
M. EF	*	-450 -9 -150 -9	*	AG	1274	2.5	.0	15.0
N. EA	*	-150 -9 0 -9	*	AG	990	9.7	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	1444	18.4	.0	9.9
P. EE	*	150 -9 450 -9	*	AG	1444	2.5	.0	15.0
Q. NL	*	0 0 7 -150	*	AG	92	4.3	.0	9.9
R. SL	*	0 0 -7 150	*	AG	429	4.3	.0	9.9
S. WL	*	0 0 150 7	*	AG	95	9.7	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	284	9.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	26 17 1.8
2. SE3	*	26 -17 1.8
3. SW3	*	-21 -17 1.8
4. NW3	*	-21 17 1.8
5. NE7	*	29 20 1.8
6. SE7	*	29 -20 1.8
7. SW7	*	-25 -20 1.8
8. NW7	*	-25 20 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
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50-semapmwp												
	*	*	*									
1. NE3	*	187.	*	4.2	*	.1	1.4	.0	.0	.0	.0	.3
2. SE3	*	344.	*	4.4	*	.0	.4	.9	.0	.0	.5	.0
3. SW3	*	82.	*	5.3	*	.0	.4	.0	.0	.0	.5	.0
4. NW3	*	99.	*	5.2	*	.0	.0	.3	.0	.0	.8	.0
5. NE7	*	189.	*	3.5	*	.0	1.2	.0	.0	.0	.0	.3
6. SE7	*	335.	*	3.6	*	.0	.3	.6	.0	.0	.5	.0
7. SW7	*	78.	*	4.4	*	.0	.4	.0	.0	.0	.0	.4
8. NW7	*	102.	*	4.3	*	.0	.0	.3	.0	.0	.8	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	1.5	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0
2. SE3	.0	.8	.0	.0	.0	.0	1.6	.0	.0	.1	.0	.0
3. SW3	.1	.6	.0	.0	.0	.6	3.0	.0	.0	.0	.0	.0
4. NW3	.0	2.7	.4	.0	.0	.0	.8	.0	.0	.0	.0	.0
5. NE7	.0	1.2	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0
6. SE7	.0	.7	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0
7. SW7	.0	.9	.0	.0	.0	.3	2.2	.0	.0	.0	.0	.0
8. NW7	.0	2.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0

51-incuamnp

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

JOB: Inglewood and Culver AM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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	851	2.5	.0	15.0
B. NA	7	-150	7	0	AG	808	6.9	.0	13.5
C. ND	7	0	7	150	AG	909	3.3	.0	9.9
D. NE	7	150	7	450	AG	909	2.5	.0	15.0
E. SF	-7	450	-7	150	AG	977	2.5	.0	15.0
F. SA	-7	150	-7	0	AG	923	6.9	.0	13.5
G. SD	-7	0	-7	-150	AG	1072	3.3	.0	9.9
H. SE	-7	-150	-7	-450	AG	1072	2.5	.0	15.0
I. WF	450	5	150	5	AG	1051	2.5	.0	15.0
J. WA	150	5	0	5	AG	917	6.9	.0	9.9
K. WD	0	5	-150	5	AG	961	3.0	.0	9.9
L. WE	-150	5	-450	5	AG	961	2.5	.0	15.0
M. EF	-450	-5	-150	-5	AG	1063	2.5	.0	15.0
N. EA	-150	-5	0	-5	AG	948	6.9	.0	9.9
O. ED	0	-5	150	-5	AG	1000	3.0	.0	9.9
P. EE	150	-5	450	-5	AG	1000	2.5	.0	15.0
Q. NL	0	0	5	-150	AG	43	6.9	.0	9.9
R. SL	0	0	-5	150	AG	54	6.9	.0	9.9
S. WL	0	600	0	570	AG	134	5.8	.0	9.9
T. EL	0	600	0	570	AG	115	5.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	12	1.8
2. SE3	14	-12	1.8
3. SW3	-14	-12	1.8
4. NW3	-14	12	1.8
5. NE7	18	16	1.8
6. SE7	18	-16	1.8
7. SW7	-18	-16	1.8
8. NW7	-18	16	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D	* E	* F	* G	* H

51-incuamnp												
	*	*	*									
1. NE3	*	185.	*	1.6	*	.0	.8	.0	.0	.0	.0	.1
2. SE3	*	276.	*	1.7	*	.0	.4	.0	.0	.0	.1	.0
3. SW3	*	5.	*	1.8	*	.0	.0	.0	.1	.0	1.0	.0
4. NW3	*	96.	*	1.7	*	.0	.0	.1	.0	.0	.4	.0
5. NE7	*	188.	*	1.3	*	.0	.6	.0	.0	.0	.0	.1
6. SE7	*	277.	*	1.3	*	.0	.3	.0	.0	.0	.0	.0
7. SW7	*	8.	*	1.3	*	.0	.0	.0	.0	.0	.7	.0
8. NW7	*	97.	*	1.3	*	.0	.0	.0	.0	.0	.3	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	.0	.0	.1	.0	.0	.9	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.1	.0	.0	.4	.0	.0	.0	.0	.0	.0
4. NW3	.0	.9	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
5. NE7	.0	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
6. SE7	.0	.0	.1	.0	.0	.6	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
8. NW7	.0	.6	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0

52-incuamwp

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

JOB: Inglewood and Culver AM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	7 -450 7 -150	*	AG	863	2.5	.0	15.0
B. NA	*	7 -150 7 0	*	AG	820	7.1	.0	13.5
C. ND	*	7 0 7 150	*	AG	944	3.4	.0	9.9
D. NE	*	7 150 7 450	*	AG	944	2.5	.0	15.0
E. SF	*	-7 450 -7 150	*	AG	992	2.5	.0	15.0
F. SA	*	-7 150 -7 0	*	AG	938	7.1	.0	13.5
G. SD	*	-7 0 -7 -150	*	AG	1100	3.9	.0	9.9
H. SE	*	-7 -150 -7 -450	*	AG	1100	2.5	.0	15.0
I. WF	*	450 5 150 5	*	AG	1066	2.5	.0	15.0
J. WA	*	150 5 0 5	*	AG	919	7.1	.0	9.9
K. WD	*	0 5 -150 5	*	AG	963	3.1	.0	9.9
L. WE	*	-150 5 -450 5	*	AG	963	2.5	.0	15.0
M. EF	*	-450 -5 -150 -5	*	AG	1102	2.5	.0	15.0
N. EA	*	-150 -5 0 -5	*	AG	963	7.1	.0	9.9
O. ED	*	0 -5 150 -5	*	AG	1016	3.1	.0	9.9
P. EE	*	150 -5 450 -5	*	AG	1016	2.5	.0	15.0
Q. NL	*	5 -150 0 0	*	AG	43	7.1	.0	9.9
R. SL	*	-5 150 0 0	*	AG	54	7.1	.0	9.9
S. WL	*	0 570 0 600	*	AG	147	6.0	.0	9.9
T. EL	*	0 570 0 600	*	AG	139	6.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	14 12 1.8
2. SE3	*	14 -12 1.8
3. SW3	*	-14 -12 1.8
4. NW3	*	-14 12 1.8
5. NE7	*	18 16 1.8
6. SE7	*	18 -16 1.8
7. SW7	*	-18 -16 1.8
8. NW7	*	-18 16 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	A	B	C	D	E	F	G	H
	*		CONC/ LINK (PPM)									

52-incuamwp												
	*	*	*									
1. NE3	*	186.	*	1.7	*	.0	.9	.0	.0	.0	.0	.1
2. SE3	*	276.	*	1.8	*	.0	.4	.0	.0	.0	.1	.0
3. SW3	*	5.	*	1.8	*	.0	.0	.0	.1	.0	1.0	.0
4. NW3	*	169.	*	1.6	*	.0	.4	.0	.0	.0	.2	.5
5. NE7	*	188.	*	1.3	*	.0	.6	.0	.0	.0	.0	.1
6. SE7	*	277.	*	1.3	*	.0	.3	.0	.0	.0	.0	.1
7. SW7	*	8.	*	1.4	*	.0	.0	.0	.0	.0	.7	.0
8. NW7	*	97.	*	1.3	*	.0	.0	.1	.0	.0	.3	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.1	.0	.0	.9	.0	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.1	.0	.0	.4	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
5. NE7	*	.0	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	.1	.0	.0	.6	.0	.0	.0	.0	.0	.0
7. SW7	*	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.6	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0

53-incupmnp

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

JOB: Inglewood and Culver PM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	7 -450 7 -150	*	AG	1210	2.5	.0	15.0
B. NA	*	7 -150 7 0	*	AG	1091	6.9	.0	13.5
C. ND	*	7 0 7 150	*	AG	1099	3.1	.0	9.9
D. NE	*	7 150 7 450	*	AG	1099	2.5	.0	15.0
E. SF	*	-7 450 -7 150	*	AG	1254	2.5	.0	15.0
F. SA	*	-7 150 -7 0	*	AG	1166	6.9	.0	13.5
G. SD	*	-7 0 -7 -150	*	AG	1214	3.3	.0	9.9
H. SE	*	-7 -150 -7 -450	*	AG	1214	2.5	.0	15.0
I. WF	*	450 5 150 5	*	AG	1295	2.5	.0	15.0
J. WA	*	150 5 0 5	*	AG	1169	9.4	.0	9.9
K. WD	*	0 5 -150 5	*	AG	1346	4.0	.0	9.9
L. WE	*	-150 5 -450 5	*	AG	1346	2.5	.0	15.0
M. EF	*	-450 -5 -150 -5	*	AG	1032	2.5	.0	15.0
N. EA	*	-150 -5 0 -5	*	AG	952	7.6	.0	9.9
O. ED	*	0 -5 150 -5	*	AG	1132	3.4	.0	9.9
P. EE	*	150 -5 450 -5	*	AG	1132	2.5	.0	15.0
Q. NL	*	0 0 5 -150	*	AG	119	6.3	.0	9.9
R. SL	*	0 0 -5 150	*	AG	88	6.3	.0	9.9
S. WL	*	0 570 0 600	*	AG	126	6.3	.0	9.9
T. EL	*	0 570 0 600	*	AG	80	6.3	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	14 12 1.8
2. SE3	*	14 -12 1.8
3. SW3	*	-14 -12 1.8
4. NW3	*	-14 12 1.8
5. NE7	*	18 16 1.8
6. SE7	*	18 -16 1.8
7. SW7	*	-18 -16 1.8
8. NW7	*	-18 16 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
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53-incupmnp												
	*	*	*									
1. NE3	*	185.	*	2.3	*	.0	1.1	.0	.0	.0	.0	.2
2. SE3	*	276.	*	2.0	*	.0	.5	.0	.0	.0	.1	.0
3. SW3	*	79.	*	1.8	*	.0	.3	.0	.0	.0	.2	.0
4. NW3	*	96.	*	2.5	*	.0	.0	.1	.0	.0	.5	.0
5. NE7	*	188.	*	1.8	*	.0	.8	.0	.0	.0	.0	.1
6. SE7	*	279.	*	1.6	*	.0	.4	.0	.0	.0	.1	.0
7. SW7	*	8.	*	1.6	*	.0	.0	.0	.1	.0	.8	.0
8. NW7	*	98.	*	1.8	*	.0	.0	.1	.0	.0	.4	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.7	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. SE3	.0	.0	.2	.1	.0	1.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.8	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0
4. NW3	.0	1.4	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0
5. NE7	.0	.5	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
6. SE7	.0	.0	.3	.0	.0	.7	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0	.0	.0
8. NW7	.0	1.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0

54-incupmwp

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

JOB: Inglewood and Culver PM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	7 -450 7 -150	*	AG	1244	2.5	.0	15.0
B. NA	*	7 -150 7 0	*	AG	1125	7.1	.0	13.5
C. ND	*	7 0 7 150	*	AG	1128	3.4	.0	9.9
D. NE	*	7 150 7 450	*	AG	1128	2.5	.0	15.0
E. SF	*	-7 450 -7 150	*	AG	1285	2.5	.0	15.0
F. SA	*	-7 150 -7 0	*	AG	1197	7.1	.0	13.5
G. SD	*	-7 0 -7 -150	*	AG	1290	3.4	.0	9.9
H. SE	*	-7 -150 -7 -450	*	AG	1290	2.5	.0	15.0
I. WF	*	450 5 150 5	*	AG	1347	2.5	.0	15.0
J. WA	*	150 5 0 5	*	AG	1175	9.7	.0	9.9
K. WD	*	0 5 -150 5	*	AG	1353	4.1	.0	9.9
L. WE	*	-150 5 -450 5	*	AG	1353	2.5	.0	15.0
M. EF	*	-450 -5 -150 -5	*	AG	1062	2.5	.0	15.0
N. EA	*	-150 -5 0 -5	*	AG	982	7.8	.0	9.9
O. ED	*	0 -5 150 -5	*	AG	1167	3.5	.0	9.9
P. EE	*	150 -5 450 -5	*	AG	1167	2.5	.0	15.0
Q. NL	*	0 0 5 -150	*	AG	119	6.5	.0	9.9
R. SL	*	0 0 -5 150	*	AG	88	6.5	.0	9.9
S. WL	*	0 600 0 570	*	AG	172	6.5	.0	9.9
T. EL	*	0 600 0 570	*	AG	80	6.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	14 12 1.8
2. SE3	*	14 -12 1.8
3. SW3	*	-14 -12 1.8
4. NW3	*	-14 12 1.8
5. NE7	*	18 16 1.8
6. SE7	*	18 -16 1.8
7. SW7	*	-18 -16 1.8
8. NW7	*	-18 16 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
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54-incupmwp												
	*	*	*									
1. NE3	*	185.	*	2.4	*	.0	1.2	.0	.0	.0	.0	.2
2. SE3	*	276.	*	2.2	*	.0	.5	.0	.0	.0	.1	.0
3. SW3	*	5.	*	2.3	*	.0	.0	.0	.2	.0	1.2	.0
4. NW3	*	96.	*	2.6	*	.0	.0	.1	.0	.0	.5	.0
5. NE7	*	188.	*	1.8	*	.0	.8	.0	.0	.0	.0	.1
6. SE7	*	279.	*	1.7	*	.0	.4	.0	.0	.0	.0	.1
7. SW7	*	8.	*	1.7	*	.0	.0	.0	.1	.0	.9	.0
8. NW7	*	98.	*	1.9	*	.0	.0	.1	.0	.0	.4	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.7	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. SE3	.0	.0	.2	.1	.0	1.0	.0	.0	.0	.0	.0	.0
3. SW3	.0	.0	.2	.0	.0	.5	.0	.0	.0	.0	.0	.0
4. NW3	.0	1.5	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0
5. NE7	.0	.6	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
6. SE7	.0	.0	.3	.0	.0	.7	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0	.0	.0
8. NW7	.0	1.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0

55-injeamnp

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

JOB: Inglewood and Jefferson AM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	9 -450 9 -150	*	AG	1075	2.5	.0	15.0
B. NA	*	9 -150 9 0	*	AG	371	6.3	.0	18.0
C. ND	*	9 0 9 150	*	AG	575	3.0	.0	9.9
D. NE	*	9 150 9 450	*	AG	575	2.5	.0	15.0
E. SF	*	-9 450 -9 150	*	AG	1039	2.5	.0	15.0
F. SA	*	-9 150 -9 0	*	AG	961	6.9	.0	13.5
G. SD	*	-9 0 -9 -150	*	AG	919	3.3	.0	9.9
H. SE	*	-9 -150 -9 -450	*	AG	919	2.5	.0	15.0
I. WF	*	450 9 150 9	*	AG	1588	2.5	.0	19.5
J. WA	*	150 9 0 9	*	AG	1517	6.3	.0	18.0
K. WD	*	0 9 -150 9	*	AG	2210	3.6	.0	13.5
L. WE	*	-150 9 -450 9	*	AG	2210	2.5	.0	19.5
M. EF	*	-450 -9 -150 -9	*	AG	834	2.5	.0	19.5
N. EA	*	-150 -9 0 -9	*	AG	704	5.8	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	832	2.9	.0	13.5
P. EE	*	150 -9 450 -9	*	AG	832	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	704	7.6	.0	9.9
R. SL	*	0 0 -7 150	*	AG	78	6.3	.0	9.9
S. WL	*	0 0 150 5	*	AG	71	5.8	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	130	5.8	.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
5. NE7	*	20 23 1.8
6. SE7	*	20 -23 1.8
7. SW7	*	-20 -23 1.8
8. NW7	*	-20 23 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
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55-injeamnp												
	*	*	*									
1. NE3	*	261.	*	1.8	*	.0	.0	.1	.0	.0	.2	.0
2. SE3	*	277.	*	1.4	*	.0	.1	.0	.0	.0	.0	.0
3. SW3	*	77.	*	1.4	*	.0	.0	.0	.0	.0	.2	.0
4. NW3	*	169.	*	1.9	*	.0	.1	.0	.0	.0	.4	.3
5. NE7	*	188.	*	1.3	*	.0	.3	.0	.0	.0	.0	.1
6. SE7	*	279.	*	1.2	*	.0	.1	.0	.0	.0	.0	.0
7. SW7	*	7.	*	1.3	*	.0	.0	.0	.0	.0	.7	.0
8. NW7	*	98.	*	1.5	*	.0	.0	.0	.0	.0	.3	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.3	.8	.0	.0	.1	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.0	.2	.0	.5	.0	.0	.2	.0	.0	.0
3. SW3	.0	.4	.0	.0	.0	.2	.2	.0	.2	.0	.0	.0
4. NW3	.0	.0	.4	.0	.0	.1	.0	.0	.4	.0	.0	.0
5. NE7	.0	.5	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
6. SE7	.0	.0	.1	.2	.0	.4	.0	.0	.2	.0	.0	.0
7. SW7	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0
8. NW7	.0	.9	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0

56-injeamwp

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

JOB: Inglewood and Jefferson AM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	9 -450 9 -150	*	AG	1088	2.5	.0	15.0
B. NA	*	9 -150 9 0	*	AG	375	7.1	.0	18.0
C. ND	*	9 0 9 150	*	AG	575	3.2	.0	9.9
D. NE	*	9 150 9 450	*	AG	575	2.5	.0	15.0
E. SF	*	-9 450 -9 150	*	AG	1067	2.5	.0	15.0
F. SA	*	-9 150 -9 0	*	AG	989	7.8	.0	13.5
G. SD	*	-9 0 -9 -150	*	AG	919	3.5	.0	9.9
H. SE	*	-9 -150 -9 -450	*	AG	919	2.5	.0	15.0
I. WF	*	450 9 150 9	*	AG	1706	2.5	.0	19.5
J. WA	*	150 9 0 9	*	AG	1635	6.5	.0	18.0
K. WD	*	0 9 -150 9	*	AG	2365	4.1	.0	13.5
L. WE	*	-150 9 -450 9	*	AG	2365	2.5	.0	19.5
M. EF	*	-450 -9 -150 -9	*	AG	991	2.5	.0	19.5
N. EA	*	-150 -9 0 -9	*	AG	861	5.6	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	993	3.0	.0	13.5
P. EE	*	150 -9 450 -9	*	AG	993	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	713	7.8	.0	9.9
R. SL	*	0 0 -7 150	*	AG	78	7.1	.0	9.9
S. WL	*	0 0 150 5	*	AG	71	5.6	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	130	5.6	.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
5. NE7	*	20 23 1.8
6. SE7	*	20 -23 1.8
7. SW7	*	-20 -23 1.8
8. NW7	*	-20 23 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
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56-injeamwp												
	*	*	*									
1. NE3	*	261.	*	2.0	*	.0	.0	.1	.0	.0	.3	.0
2. SE3	*	277.	*	1.5	*	.0	.1	.0	.0	.0	.0	.1
3. SW3	*	5.	*	1.9	*	.0	.0	.0	.0	.0	1.0	.0
4. NW3	*	169.	*	2.1	*	.0	.2	.0	.0	.0	.5	.3
5. NE7	*	254.	*	1.4	*	.0	.0	.0	.0	.0	.2	.0
6. SE7	*	280.	*	1.3	*	.0	.1	.0	.0	.0	.0	.0
7. SW7	*	8.	*	1.5	*	.0	.0	.0	.0	.0	.8	.0
8. NW7	*	98.	*	1.7	*	.0	.0	.0	.0	.0	.4	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.3	1.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.1	.2	.0	.6	.0	.0	.2	.0	.0	.0
3. SW3	.0	.0	.3	.0	.0	.3	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.5	.0	.0	.2	.0	.0	.4	.0	.0	.0
5. NE7	.0	.1	.7	.0	.0	.2	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.2	.2	.0	.5	.0	.0	.2	.0	.0	.0
7. SW7	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0	.0	.0
8. NW7	.0	.9	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0

57-injepmnp

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

JOB: Inglewood and Jefferson PM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	9 -450 9 -150	*	AG	1168	2.5	.0	15.0
B. NA	*	9 -150 9 0	*	AG	726	6.9	.0	18.0
C. ND	*	9 0 9 150	*	AG	981	3.3	.0	9.9
D. NE	*	9 150 9 450	*	AG	981	2.5	.0	15.0
E. SF	*	-9 450 -9 150	*	AG	1014	2.5	.0	15.0
F. SA	*	-9 150 -9 0	*	AG	844	6.9	.0	13.5
G. SD	*	-9 0 -9 -150	*	AG	834	3.1	.0	9.9
H. SE	*	-9 -150 -9 -450	*	AG	834	2.5	.0	15.0
I. WF	*	450 9 150 9	*	AG	1124	2.5	.0	19.5
J. WA	*	150 9 0 9	*	AG	975	5.8	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1455	3.0	.0	13.5
L. WE	*	-150 9 -450 9	*	AG	1455	2.5	.0	19.5
M. EF	*	-450 -9 -150 -9	*	AG	1467	2.5	.0	19.5
N. EA	*	-150 -9 0 -9	*	AG	1236	5.8	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	1503	3.0	.0	13.5
P. EE	*	150 -9 450 -9	*	AG	1503	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	442	6.9	.0	9.9
R. SL	*	0 0 -7 150	*	AG	170	6.9	.0	9.9
S. WL	*	0 0 150 5	*	AG	149	5.8	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	231	5.8	.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
5. NE7	*	20 23 1.8
6. SE7	*	20 -23 1.8
7. SW7	*	-20 -23 1.8
8. NW7	*	-20 23 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	*	PRED CONC (PPM)	*	A	B	C	D	E	F	G	H
	*		*	CONC/ LINK (PPM)	*								

57-injepmnp												
	*	*	*									
1. NE3	*	259.	*	1.6	*	.0	.0	.2	.0	.0	.2	.0
2. SE3	*	276.	*	1.7	*	.0	.3	.0	.0	.0	.0	.0
3. SW3	*	79.	*	1.5	*	.0	.2	.0	.0	.0	.2	.0
4. NW3	*	168.	*	1.7	*	.0	.3	.0	.0	.0	.4	.3
5. NE7	*	187.	*	1.3	*	.0	.5	.0	.0	.0	.0	.1
6. SE7	*	279.	*	1.5	*	.0	.3	.0	.0	.0	.0	.0
7. SW7	*	8.	*	1.4	*	.0	.0	.0	.1	.0	.6	.0
8. NW7	*	99.	*	1.3	*	.0	.0	.0	.0	.0	.3	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.2	.4	.0	.0	.3	.0	.0	.0	.0	.0	.1
2. SE3	.0	.0	.0	.2	.0	.8	.0	.0	.1	.0	.0	.0
3. SW3	.0	.2	.0	.0	.0	.3	.5	.0	.1	.0	.0	.0
4. NW3	.0	.0	.2	.0	.0	.2	.0	.0	.3	.0	.0	.0
5. NE7	.0	.3	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0
6. SE7	.0	.0	.0	.1	.0	.7	.0	.0	.1	.0	.0	.0
7. SW7	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
8. NW7	.0	.5	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0

58-injepmwp

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

JOB: Inglewood and Jefferson PM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	9 -450 9 -150	*	AG	1198	2.5	.0	15.0
B. NA	*	9 -150 9 0	*	AG	745	7.1	.0	18.0
C. ND	*	9 0 9 150	*	AG	994	3.4	.0	9.9
D. NE	*	9 150 9 450	*	AG	994	2.5	.0	15.0
E. SF	*	-9 450 -9 150	*	AG	1098	2.5	.0	15.0
F. SA	*	-9 150 -9 0	*	AG	928	7.1	.0	13.5
G. SD	*	-9 0 -9 -150	*	AG	836	3.2	.0	9.9
H. SE	*	-9 -150 -9 -450	*	AG	836	2.5	.0	15.0
I. WF	*	450 9 150 9	*	AG	1251	2.5	.0	19.5
J. WA	*	150 9 0 9	*	AG	1100	6.0	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1675	3.2	.0	13.5
L. WE	*	-150 9 -450 9	*	AG	1675	2.5	.0	19.5
M. EF	*	-450 -9 -150 -9	*	AG	1606	2.5	.0	19.5
N. EA	*	-150 -9 0 -9	*	AG	1366	6.0	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	1648	3.1	.0	13.5
P. EE	*	150 -9 450 -9	*	AG	1648	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	453	7.1	.0	9.9
R. SL	*	0 0 -7 150	*	AG	170	7.1	.0	9.9
S. WL	*	0 0 150 5	*	AG	151	6.0	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	240	6.0	.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
5. NE7	*	20 23 1.8
6. SE7	*	20 -23 1.8
7. SW7	*	-20 -23 1.8
8. NW7	*	-20 23 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
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58-injepmwp												
	*	*	*									
1. NE3	*	259.	*	1.8	*	.0	.0	.2	.0	.0	.2	.0
2. SE3	*	276.	*	1.9	*	.0	.3	.0	.0	.0	.0	.0
3. SW3	*	79.	*	1.7	*	.0	.2	.0	.0	.0	.0	.0
4. NW3	*	168.	*	1.9	*	.0	.3	.0	.0	.0	.4	.3
5. NE7	*	187.	*	1.5	*	.0	.6	.0	.0	.0	.0	.1
6. SE7	*	279.	*	1.6	*	.0	.3	.0	.0	.0	.0	.0
7. SW7	*	8.	*	1.6	*	.0	.0	.0	.1	.0	.7	.0
8. NW7	*	99.	*	1.4	*	.0	.0	.0	.0	.0	.3	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.2	.5	.0	.0	.3	.0	.0	.0	.0	.0	.1
2. SE3	.0	.0	.0	.2	.0	1.0	.0	.0	.1	.0	.0	.0
3. SW3	.0	.3	.0	.0	.0	.3	.5	.0	.1	.0	.0	.0
4. NW3	.0	.0	.3	.0	.0	.3	.0	.0	.3	.0	.0	.0
5. NE7	.0	.3	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0
6. SE7	.0	.0	.0	.2	.0	.8	.0	.0	.1	.0	.0	.0
7. SW7	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0	.0	.0
8. NW7	.0	.6	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0

59-ovcuamnp

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

JOB: Overland and Culver AM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	9 -450 9 -150	*	AG	1179	2.5	.0	15.0
B. NA	*	9 -150 9 0	*	AG	967	6.9	.0	18.0
C. ND	*	9 0 9 150	*	AG	1184	3.8	.0	9.9
D. NE	*	9 150 9 450	*	AG	1184	2.5	.0	15.0
E. SF	*	-9 450 -9 150	*	AG	1185	2.5	.0	15.0
F. SA	*	-9 150 -9 0	*	AG	1012	6.9	.0	18.0
G. SD	*	-9 0 -9 -150	*	AG	1256	3.8	.0	9.9
H. SE	*	-9 -150 -9 -450	*	AG	1256	2.5	.0	15.0
I. WF	*	450 7 150 7	*	AG	1545	2.5	.0	15.0
J. WA	*	150 7 0 7	*	AG	1345	6.3	.0	13.5
K. WD	*	0 7 -150 7	*	AG	1447	3.4	.0	9.9
L. WE	*	-150 7 -450 7	*	AG	1447	2.5	.0	15.0
M. EF	*	-450 -7 -150 -7	*	AG	1368	2.5	.0	15.0
N. EA	*	-150 -7 0 -7	*	AG	1189	6.3	.0	13.5
O. ED	*	0 -7 150 -7	*	AG	1390	3.4	.0	9.9
P. EE	*	150 -7 450 -7	*	AG	1390	2.5	.0	15.0
Q. NL	*	0 0 7 -150	*	AG	212	6.9	.0	9.9
R. SL	*	0 0 -7 150	*	AG	173	6.9	.0	9.9
S. WL	*	0 0 150 5	*	AG	200	5.8	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	179	5.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	17 14 1.8
2. SE3	*	17 -14 1.8
3. SW3	*	-17 -14 1.8
4. NW3	*	-17 14 1.8
5. NE7	*	20 18 1.8
6. SE7	*	20 -18 1.8
7. SW7	*	-20 -18 1.8
8. NW7	*	-20 18 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
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59-ovcuamnp												
	*	*	*									
1. NE3	*	260.	*	2.1	*	.0	.0	.3	.0	.0	.2	.0
2. SE3	*	350.	*	1.9	*	.0	.3	.5	.0	.0	.3	.0
3. SW3	*	79.	*	2.1	*	.0	.2	.0	.0	.0	.0	.3
4. NW3	*	170.	*	1.9	*	.0	.3	.0	.0	.0	.3	.6
5. NE7	*	187.	*	1.7	*	.0	.7	.0	.0	.0	.0	.2
6. SE7	*	278.	*	1.7	*	.0	.4	.0	.0	.0	.0	.1
7. SW7	*	7.	*	1.7	*	.0	.0	.0	.1	.0	.8	.0
8. NW7	*	98.	*	1.8	*	.0	.0	.1	.0	.0	.4	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.4	.5	.0	.0	.4	.0	.0	.0	.0	.0	.1
2. SE3	.0	.3	.0	.0	.0	.0	.3	.0	.0	.1	.0	.0
3. SW3	.0	.5	.0	.0	.0	.4	.5	.0	.0	.0	.1	.0
4. NW3	.0	.0	.3	.0	.0	.3	.0	.0	.1	.0	.0	.0
5. NE7	.0	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
6. SE7	.0	.0	.1	.1	.0	.8	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0	.0	.0
8. NW7	.0	.8	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0

60-ovcuamwp

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

JOB: Overland and Culver AM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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) X1 Y1 X2 Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9 -450 9 -150	*	AG	1212	2.5	.0	15.0
B. NA	*	9 -150 9 0	*	AG	1000	7.1	.0	18.0
C. ND	*	9 0 9 150	*	AG	1211	3.9	.0	9.9
D. NE	*	9 150 9 450	*	AG	1211	2.5	.0	15.0
E. SF	*	-9 450 -9 150	*	AG	1190	2.5	.0	15.0
F. SA	*	-9 150 -9 0	*	AG	1017	7.1	.0	18.0
G. SD	*	-9 0 -9 -150	*	AG	1260	3.9	.0	9.9
H. SE	*	-9 -150 -9 -450	*	AG	1260	2.5	.0	15.0
I. WF	*	450 7 150 7	*	AG	1550	2.5	.0	15.0
J. WA	*	150 7 0 7	*	AG	1350	7.1	.0	13.5
K. WD	*	0 7 -150 7	*	AG	1453	3.5	.0	9.9
L. WE	*	-150 7 -450 7	*	AG	1453	2.5	.0	15.0
M. EF	*	-450 -7 -150 -7	*	AG	1390	2.5	.0	15.0
N. EA	*	-150 -7 0 -7	*	AG	1202	6.5	.0	13.5
O. ED	*	0 -7 150 -7	*	AG	1418	3.5	.0	9.9
P. EE	*	150 -7 450 -7	*	AG	1418	2.5	.0	15.0
Q. NL	*	0 0 7 -150	*	AG	212	7.1	.0	9.9
R. SL	*	0 0 -7 150	*	AG	173	7.1	.0	9.9
S. WL	*	0 0 150 5	*	AG	200	6.0	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	188	6.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X Y Z
1. NE3	*	17 14 1.8
2. SE3	*	17 -14 1.8
3. SW3	*	-17 -14 1.8
4. NW3	*	-17 14 1.8
5. NE7	*	20 18 1.8
6. SE7	*	20 -18 1.8
7. SW7	*	-20 -18 1.8
8. NW7	*	-20 18 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H

60-ovcuamwp												
	*	*	*									
1. NE3	*	259.	*	2.2	*	.0	.0	.3	.0	.0	.3	.0
2. SE3	*	350.	*	2.0	*	.0	.3	.6	.0	.0	.3	.0
3. SW3	*	79.	*	2.2	*	.0	.2	.0	.0	.0	.0	.3
4. NW3	*	95.	*	2.3	*	.0	.0	.1	.0	.0	.4	.0
5. NE7	*	187.	*	1.8	*	.0	.8	.0	.0	.0	.0	.2
6. SE7	*	278.	*	1.8	*	.0	.4	.0	.0	.0	.0	.1
7. SW7	*	7.	*	1.7	*	.0	.0	.0	.1	.0	.8	.0
8. NW7	*	98.	*	1.9	*	.0	.0	.1	.0	.0	.4	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.5	.5	.0	.0	.5	.0	.0	.0	.0	.0	.1
2. SE3	.0	.4	.0	.0	.0	.0	.3	.0	.0	.1	.0	.0
3. SW3	.0	.6	.0	.0	.0	.4	.5	.0	.0	.0	.1	.0
4. NW3	.0	1.3	.0	.0	.0	.0	.0	.2	.0	.0	.1	.0
5. NE7	.0	.5	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0
6. SE7	.0	.0	.1	.1	.0	.8	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0	.0	.0
8. NW7	.0	1.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0

61-ovcupmnp

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

JOB: Overland and Culver PM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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) X1 Y1 X2 Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9 -450 9 -150	*	AG	1408	2.5	.0	15.0
B. NA	*	9 -150 9 0	*	AG	1279	5.8	.0	18.0
C. ND	*	9 0 9 150	*	AG	1490	3.4	.0	9.9
D. NE	*	9 150 9 450	*	AG	1490	2.5	.0	15.0
E. SF	*	-9 450 -9 150	*	AG	1364	2.5	.0	15.0
F. SA	*	-9 150 -9 0	*	AG	1170	5.8	.0	18.0
G. SD	*	-9 0 -9 -150	*	AG	1461	3.4	.0	9.9
H. SE	*	-9 -150 -9 -450	*	AG	1461	2.5	.0	15.0
I. WF	*	450 7 150 7	*	AG	1170	2.5	.0	15.0
J. WA	*	150 7 0 7	*	AG	927	6.9	.0	13.5
K. WD	*	0 7 -150 7	*	AG	1025	3.3	.0	9.9
L. WE	*	-150 7 -450 7	*	AG	1025	2.5	.0	15.0
M. EF	*	-450 -7 -150 -7	*	AG	1061	2.5	.0	15.0
N. EA	*	-150 -7 0 -7	*	AG	877	6.9	.0	13.5
O. ED	*	0 -7 150 -7	*	AG	1027	3.3	.0	9.9
P. EE	*	150 -7 450 -7	*	AG	1027	2.5	.0	15.0
Q. NL	*	0 0 7 -150	*	AG	129	5.8	.0	9.9
R. SL	*	0 0 -7 150	*	AG	194	5.8	.0	9.9
S. WL	*	0 0 150 5	*	AG	243	6.9	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	184	6.9	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X Y Z
1. NE3	*	17 14 1.8
2. SE3	*	17 -14 1.8
3. SW3	*	-17 -14 1.8
4. NW3	*	-17 14 1.8
5. NE7	*	20 18 1.8
6. SE7	*	20 -18 1.8
7. SW7	*	-20 -18 1.8
8. NW7	*	-20 18 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H
				CONC/LINK (PPM)									

61-ovcupmnp												
	*	*	*									
1. NE3	*	259.	*	1.8	*	.0	.0	.3	.0	.0	.2	.0
2. SE3	*	351.	*	1.9	*	.0	.3	.6	.0	.1	.2	.0
3. SW3	*	79.	*	1.9	*	.0	.3	.0	.0	.0	.0	.3
4. NW3	*	171.	*	1.8	*	.1	.3	.0	.0	.0	.3	.6
5. NE7	*	187.	*	1.6	*	.0	.8	.0	.0	.0	.0	.2
6. SE7	*	278.	*	1.5	*	.0	.4	.0	.0	.0	.0	.1
7. SW7	*	7.	*	1.5	*	.0	.0	.0	.2	.0	.7	.0
8. NW7	*	98.	*	1.6	*	.0	.0	.1	.0	.0	.4	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.3	.4	.0	.0	.4	.0	.0	.0	.0	.0	.1
2. SE3	.0	.2	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	.0	.4	.0	.0	.0	.3	.4	.0	.0	.0	.2	.0
4. NW3	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0
5. NE7	.0	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.1
7. SW7	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
8. NW7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0

62-ovcupmwp

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

JOB: Overland and Culver PM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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	*	9 -450 9 -150	* AG	1442 2.5	.0	15.0
B. NA	*	9 -150 9 0	* AG	1313 6.0	.0	18.0
C. ND	*	9 0 9 150	* AG	1520 4.1	.0	9.9
D. NE	*	9 150 9 450	* AG	1520 2.5	.0	15.0
E. SF	*	-9 450 -9 150	* AG	1380 2.5	.0	15.0
F. SA	*	-9 150 -9 0	* AG	1186 6.0	.0	18.0
G. SD	*	-9 0 -9 -150	* AG	1477 3.5	.0	9.9
H. SE	*	-9 -150 -9 -450	* AG	1477 2.5	.0	15.0
I. WF	*	450 7 150 7	* AG	1186 2.5	.0	15.0
J. WA	*	150 7 0 7	* AG	937 7.1	.0	13.5
K. WD	*	0 7 -150 7	* AG	1042 3.4	.0	9.9
L. WE	*	-150 7 -450 7	* AG	1042 2.5	.0	15.0
M. EF	*	-450 -7 -150 -7	* AG	1084 2.5	.0	15.0
N. EA	*	-150 -7 0 -7	* AG	892 7.1	.0	13.5
O. ED	*	0 -7 150 -7	* AG	1053 3.4	.0	9.9
P. EE	*	150 -7 450 -7	* AG	1053 2.5	.0	15.0
Q. NL	*	0 0 7 -150	* AG	129 6.0	.0	9.9
R. SL	*	0 0 -7 150	* AG	194 6.0	.0	9.9
S. WL	*	0 0 150 5	* AG	249 7.1	.0	9.9
T. EL	*	0 0 -150 -5	* AG	192 7.1	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	17 14 1.8
2. SE3	*	17 -14 1.8
3. SW3	*	-17 -14 1.8
4. NW3	*	-17 14 1.8
5. NE7	*	20 18 1.8
6. SE7	*	20 -18 1.8
7. SW7	*	-20 -18 1.8
8. NW7	*	-20 18 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED CONC (PPM)	*	A	B	C	D	E	F	G	H
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62-ovcupmwp												
	*	*	*									
1. NE3	*	259.	*	2.0	*	.0	.0	.4	.0	.0	.2	.0
2. SE3	*	351.	*	2.1	*	.0	.3	.7	.0	.1	.2	.0
3. SW3	*	79.	*	1.9	*	.0	.3	.0	.0	.0	.3	.0
4. NW3	*	171.	*	1.9	*	.1	.3	.0	.0	.0	.3	.6
5. NE7	*	187.	*	1.7	*	.0	.8	.0	.0	.0	.0	.2
6. SE7	*	278.	*	1.6	*	.0	.4	.0	.0	.0	.0	.1
7. SW7	*	7.	*	1.6	*	.0	.0	.0	.2	.0	.8	.0
8. NW7	*	98.	*	1.7	*	.0	.0	.2	.0	.0	.4	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.3	.4	.0	.0	.4	.0	.0	.0	.0	.0	.1
2. SE3	.0	.2	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	.0	.4	.0	.0	.0	.3	.4	.0	.0	.0	.2	.0
4. NW3	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0
5. NE7	.0	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.1
7. SW7	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
8. NW7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0

63-liocamp

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

JOB: Lincoln and Ocean Park AM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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	1976	2.5	.0	15.0
B. NA	7	-150	7	0	AG	1768	5.1	.0	13.5
C. ND	7	0	7	150	AG	1954	3.4	.0	9.9
D. NE	7	150	7	450	AG	1954	2.5	.0	15.0
E. SF	-7	450	-7	150	AG	2038	2.5	.0	15.0
F. SA	-7	150	-7	0	AG	1881	5.1	.0	13.5
G. SD	-7	0	-7	-150	AG	1954	3.4	.0	9.9
H. SE	-7	-150	-7	-450	AG	1954	2.5	.0	15.0
I. WF	450	7	150	7	AG	621	2.5	.0	15.0
J. WA	150	7	0	7	AG	447	9.4	.0	13.5
K. WD	0	7	-150	7	AG	713	4.7	.0	9.9
L. WE	-150	7	-450	7	AG	713	2.5	.0	15.0
M. EF	-450	-7	-150	-7	AG	1011	2.5	.0	15.0
N. EA	-150	-7	0	-7	AG	786	10.7	.0	13.5
O. ED	0	-7	150	-7	AG	1025	8.4	.0	9.9
P. EE	150	-7	450	-7	AG	1025	2.5	.0	15.0
Q. NL	0	0	5	-150	AG	208	4.2	.0	9.9
R. SL	0	0	-5	150	AG	157	4.2	.0	9.9
S. WL	0	0	150	5	AG	174	9.4	.0	9.9
T. EL	0	0	-150	-5	AG	225	9.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z
1. NE3	14	14	1.8
2. SE3	14	-14	1.8
3. SW3	-14	-14	1.8
4. NW3	-14	14	1.8
5. NE7	18	18	1.8
6. SE7	18	-18	1.8
7. SW7	-18	-18	1.8
8. NW7	-18	18	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D	* E	* F	* G	* H

63-liocamp

	*	*	*									
1. NE3	*	259.	*	2.1	*	.0	.0	.4	.0	.0	.3	.0
2. SE3	*	350.	*	2.5	*	.0	.4	.7	.0	.0	.5	.0
3. SW3	*	81.	*	2.7	*	.0	.3	.0	.0	.0	.0	.4
4. NW3	*	170.	*	2.4	*	.0	.5	.0	.0	.0	.4	.7
5. NE7	*	188.	*	1.9	*	.0	.9	.0	.0	.0	.0	.1
6. SE7	*	279.	*	2.0	*	.0	.5	.0	.0	.0	.0	.2
7. SW7	*	78.	*	1.8	*	.0	.3	.0	.0	.0	.0	.3
8. NW7	*	101.	*	1.8	*	.0	.0	.2	.0	.0	.5	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.2	.4	.0	.0	.5	.0	.0	.0	.0	.0	.2
2. SE3	*	.0	.2	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0
3. SW3	*	.0	.2	.0	.0	.0	.3	1.1	.0	.0	.0	.2	.0
4. NW3	*	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
5. NE7	*	.0	.2	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	.1	.0	.0	.9	.0	.0	.0	.0	.0	.2
7. SW7	*	.0	.3	.0	.0	.0	.0	.8	.0	.0	.0	.1	.0
8. NW7	*	.0	.5	.0	.0	.0	.0	.4	.0	.0	.0	.1	.0

64-liocamwp

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

JOB: Lincoln and Ocean Park AM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	7 -450 7 -150	*	AG	2006	2.5	.0	15.0
B. NA	*	7 -150 7 0	*	AG	1794	5.2	.0	13.5
C. ND	*	7 0 7 150	*	AG	1975	3.5	.0	9.9
D. NE	*	7 150 7 450	*	AG	1975	2.5	.0	15.0
E. SF	*	-7 450 -7 150	*	AG	2050	2.5	.0	15.0
F. SA	*	-7 150 -7 0	*	AG	1893	5.2	.0	13.5
G. SD	*	-7 0 -7 -150	*	AG	1967	3.5	.0	9.9
H. SE	*	-7 -150 -7 -450	*	AG	1967	2.5	.0	15.0
I. WF	*	450 7 150 7	*	AG	622	2.5	.0	15.0
J. WA	*	150 7 0 7	*	AG	447	9.7	.0	13.5
K. WD	*	0 7 -150 7	*	AG	717	4.9	.0	9.9
L. WE	*	-150 7 -450 7	*	AG	717	2.5	.0	15.0
M. EF	*	-450 -7 -150 -7	*	AG	1011	2.5	.0	15.0
N. EA	*	-150 -7 0 -7	*	AG	786	11.0	.0	13.5
O. ED	*	0 -7 150 -7	*	AG	1030	8.7	.0	9.9
P. EE	*	150 -7 450 -7	*	AG	1030	2.5	.0	15.0
Q. NL	*	0 0 5 -150	*	AG	212	4.3	.0	9.9
R. SL	*	0 0 -5 150	*	AG	157	4.3	.0	9.9
S. WL	*	0 0 150 5	*	AG	175	9.7	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	225	9.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	14 14 1.8
2. SE3	*	14 -14 1.8
3. SW3	*	-14 -14 1.8
4. NW3	*	-14 14 1.8
5. NE7	*	18 18 1.8
6. SE7	*	18 -18 1.8
7. SW7	*	-18 -18 1.8
8. NW7	*	-18 18 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
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64-liocamwp												
	*	*	*									
1. NE3	*	259.	*	2.2	*	.0	.0	.4	.0	.0	.4	.0
2. SE3	*	350.	*	2.6	*	.0	.4	.7	.0	.0	.5	.0
3. SW3	*	81.	*	2.7	*	.0	.3	.0	.0	.0	.0	.4
4. NW3	*	170.	*	2.4	*	.0	.5	.0	.0	.0	.4	.7
5. NE7	*	188.	*	1.9	*	.0	.9	.0	.0	.0	.0	.2
6. SE7	*	279.	*	2.0	*	.0	.5	.0	.0	.0	.0	.2
7. SW7	*	78.	*	1.9	*	.0	.3	.0	.0	.0	.0	.3
8. NW7	*	101.	*	1.8	*	.0	.0	.2	.0	.0	.5	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.2	.4	.0	.0	.5	.0	.0	.0	.0	.0	.2
2. SE3	*	.0	.2	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0
3. SW3	*	.0	.3	.0	.0	.0	.4	1.1	.0	.0	.0	.2	.0
4. NW3	*	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.1
5. NE7	*	.0	.2	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	.1	.0	.0	.9	.0	.0	.0	.0	.0	.2
7. SW7	*	.0	.3	.0	.0	.0	.0	.8	.0	.0	.0	.2	.0
8. NW7	*	.0	.5	.0	.0	.0	.0	.4	.0	.0	.0	.1	.0

65-liocpmnp

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

JOB: Lincoln and Ocean Park PM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	7 -450 7 -150	*	AG	1708	2.5	.0	15.0
B. NA	*	7 -150 7 0	*	AG	1560	5.1	.0	13.5
C. ND	*	7 0 7 150	*	AG	1726	3.3	.0	9.9
D. NE	*	7 150 7 450	*	AG	1726	2.5	.0	15.0
E. SF	*	-7 450 -7 150	*	AG	2507	2.5	.0	15.0
F. SA	*	-7 150 -7 0	*	AG	2250	6.9	.0	13.5
G. SD	*	-7 0 -7 -150	*	AG	2365	3.6	.0	9.9
H. SE	*	-7 -150 -7 -450	*	AG	2365	2.5	.0	15.0
I. WF	*	450 7 150 7	*	AG	948	2.5	.0	15.0
J. WA	*	150 7 0 7	*	AG	678	8.4	.0	13.5
K. WD	*	0 7 -150 7	*	AG	980	6.9	.0	9.9
L. WE	*	-150 7 -450 7	*	AG	980	2.5	.0	15.0
M. EF	*	-450 -7 -150 -7	*	AG	909	2.5	.0	15.0
N. EA	*	-150 -7 0 -7	*	AG	677	8.4	.0	13.5
O. ED	*	0 -7 150 -7	*	AG	1001	6.9	.0	9.9
P. EE	*	150 -7 450 -7	*	AG	1001	2.5	.0	15.0
Q. NL	*	0 0 5 -150	*	AG	148	4.4	.0	9.9
R. SL	*	0 0 -5 150	*	AG	257	4.4	.0	9.9
S. WL	*	0 0 150 5	*	AG	270	9.4	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	232	8.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	14 14 1.8
2. SE3	*	14 -14 1.8
3. SW3	*	-14 -14 1.8
4. NW3	*	-14 14 1.8
5. NE7	*	18 18 1.8
6. SE7	*	18 -18 1.8
7. SW7	*	-18 -18 1.8
8. NW7	*	-18 18 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
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65-liocpmnp

	*	*	*									
1. NE3	*	261.	*	2.6	*	.0	.0	.3	.0	.0	.5	.0
2. SE3	*	349.	*	2.7	*	.0	.4	.6	.0	.0	.8	.0
3. SW3	*	5.	*	3.2	*	.0	.0	.0	.2	.1	2.0	.0
4. NW3	*	169.	*	2.8	*	.0	.4	.0	.0	.0	.7	.8
5. NE7	*	258.	*	1.9	*	.0	.0	.3	.0	.0	.5	.0
6. SE7	*	344.	*	2.0	*	.0	.0	.4	.0	.0	.7	.0
7. SW7	*	8.	*	2.4	*	.0	.0	.1	.1	.0	1.4	.0
8. NW7	*	100.	*	2.2	*	.0	.0	.2	.0	.0	.8	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.2	.9	.0	.0	.3	.0	.0	.0	.0	.0	.2
2. SE3	*	.0	.2	.0	.0	.0	.0	.4	.0	.0	.1	.1	.0
3. SW3	*	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0	.0	.0
5. NE7	*	.0	.0	.6	.0	.0	.3	.0	.0	.0	.0	.0	.2
6. SE7	*	.0	.2	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0
7. SW7	*	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.6	.0	.0	.0	.0	.3	.0	.0	.0	.2	.0

66-liocpmwp

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

JOB: Lincoln and Ocean Park PM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	7 -450 7 -150	*	AG	1728	2.5	.0	15.0
B. NA	*	7 -150 7 0	*	AG	1578	4.9	.0	13.5
C. ND	*	7 0 7 150	*	AG	1739	3.2	.0	9.9
D. NE	*	7 150 7 450	*	AG	1739	2.5	.0	15.0
E. SF	*	-7 450 -7 150	*	AG	2526	2.5	.0	15.0
F. SA	*	-7 150 -7 0	*	AG	2269	6.5	.0	13.5
G. SD	*	-7 0 -7 -150	*	AG	2386	3.5	.0	9.9
H. SE	*	-7 -150 -7 -450	*	AG	2386	2.5	.0	15.0
I. WF	*	450 7 150 7	*	AG	948	2.5	.0	15.0
J. WA	*	150 7 0 7	*	AG	678	9.7	.0	13.5
K. WD	*	0 7 -150 7	*	AG	982	7.8	.0	9.9
L. WE	*	-150 7 -450 7	*	AG	982	2.5	.0	15.0
M. EF	*	-450 -7 -150 -7	*	AG	911	2.5	.0	15.0
N. EA	*	-150 -7 0 -7	*	AG	679	9.7	.0	13.5
O. ED	*	0 -7 150 -7	*	AG	1006	7.8	.0	9.9
P. EE	*	150 -7 450 -7	*	AG	1006	2.5	.0	15.0
Q. NL	*	0 0 5 -150	*	AG	150	4.3	.0	9.9
R. SL	*	0 0 -5 150	*	AG	257	4.6	.0	9.9
S. WL	*	0 0 150 5	*	AG	270	11.0	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	232	9.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	14 14 1.8
2. SE3	*	14 -14 1.8
3. SW3	*	-14 -14 1.8
4. NW3	*	-14 14 1.8
5. NE7	*	18 18 1.8
6. SE7	*	18 -18 1.8
7. SW7	*	-18 -18 1.8
8. NW7	*	-18 18 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
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66-liocpmwp												
	*	*	*									
1. NE3	*	261.	*	2.8	*	.0	.0	.3	.0	.0	.5	.0
2. SE3	*	349.	*	2.7	*	.0	.3	.6	.0	.0	.7	.0
3. SW3	*	81.	*	2.8	*	.0	.3	.0	.0	.0	.0	.5
4. NW3	*	169.	*	2.8	*	.0	.4	.0	.0	.0	.7	.8
5. NE7	*	258.	*	2.1	*	.0	.0	.3	.0	.0	.5	.0
6. SE7	*	344.	*	2.0	*	.0	.0	.4	.0	.0	.7	.0
7. SW7	*	8.	*	2.4	*	.0	.0	.1	.1	.0	1.3	.0
8. NW7	*	100.	*	2.3	*	.0	.0	.2	.0	.0	.7	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.3	1.0	.0	.0	.4	.0	.0	.0	.0	.0	.2
2. SE3	*	.0	.3	.0	.0	.0	.0	.5	.0	.0	.1	.1	.0
3. SW3	*	.0	.4	.0	.0	.0	.3	1.0	.0	.0	.0	.3	.0
4. NW3	*	.0	.0	.5	.0	.0	.3	.0	.0	.0	.0	.0	.1
5. NE7	*	.0	.0	.7	.0	.0	.4	.0	.0	.0	.0	.0	.2
6. SE7	*	.0	.2	.0	.0	.0	.0	.4	.0	.0	.0	.1	.0
7. SW7	*	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.7	.0	.0	.0	.0	.3	.0	.0	.0	.2	.0

67-seweamnp

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

JOB: Sepulveda and Westchester AM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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) X1 Y1 X2 Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9 -450 9 -150	*	AG	2191	2.5	.0	19.5
B. NA	*	9 -150 9 0	*	AG	2056	5.1	.0	18.0
C. ND	*	9 0 9 150	*	AG	2373	3.0	.0	13.5
D. NE	*	9 150 9 450	*	AG	2373	2.5	.0	19.5
E. SF	*	-9 450 -9 150	*	AG	2373	2.5	.0	19.5
F. SA	*	-9 150 -9 0	*	AG	2070	5.1	.0	18.0
G. SD	*	-9 0 -9 -150	*	AG	2173	2.9	.0	13.5
H. SE	*	-9 -150 -9 -450	*	AG	2173	2.5	.0	19.5
I. WF	*	450 7 150 7	*	AG	1342	2.5	.0	15.0
J. WA	*	150 7 0 7	*	AG	1190	12.3	.0	13.5
K. WD	*	0 7 -150 7	*	AG	1117	10.7	.0	9.9
L. WE	*	-150 7 -450 7	*	AG	1117	2.5	.0	15.0
M. EF	*	-450 -7 -150 -7	*	AG	748	2.5	.0	15.0
N. EA	*	-150 -7 0 -7	*	AG	710	8.4	.0	13.5
O. ED	*	0 -7 150 -7	*	AG	991	6.9	.0	9.9
P. EE	*	150 -7 450 -7	*	AG	991	2.5	.0	15.0
Q. NL	*	0 0 5 -150	*	AG	135	4.4	.0	9.9
R. SL	*	0 0 -5 150	*	AG	303	4.4	.0	9.9
S. WL	*	0 0 150 5	*	AG	152	8.4	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	38	8.4	.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
5. NE7	*	23 18 1.8
6. SE7	*	23 -18 1.8
7. SW7	*	-23 -18 1.8
8. NW7	*	-23 18 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* * *	BRG (DEG)	* * *	PRED CONC (PPM)	* * *	A	B	C	D	E	F	G	H

67-seweamnp												
	*	*	*									
1. NE3	*	262.	*	3.4	*	.0	.0	.4	.0	.0	.3	.0
2. SE3	*	348.	*	2.6	*	.0	.3	.7	.0	.0	.4	.0
3. SW3	*	79.	*	2.8	*	.0	.3	.0	.0	.0	.0	.0
4. NW3	*	96.	*	3.3	*	.0	.0	.2	.0	.0	.6	.0
5. NE7	*	189.	*	2.3	*	.0	.9	.0	.0	.0	.0	.2
6. SE7	*	341.	*	2.0	*	.0	.1	.5	.0	.0	.4	.0
7. SW7	*	77.	*	2.2	*	.0	.3	.0	.0	.0	.0	.0
8. NW7	*	99.	*	2.7	*	.0	.0	.2	.0	.0	.5	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.7	1.5	.0	.0	.3	.0	.0	.0	.0	.0	.0
2. SE3	.0	.5	.0	.0	.0	.0	.4	.0	.0	.1	.0	.0
3. SW3	.0	.9	.0	.0	.0	.4	.7	.0	.0	.0	.1	.0
4. NW3	.0	1.9	.0	.0	.0	.0	.2	.1	.0	.0	.1	.0
5. NE7	.0	.8	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
6. SE7	.0	.5	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
7. SW7	.0	.8	.0	.0	.0	.0	.6	.0	.0	.0	.1	.0
8. NW7	.0	1.5	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0

68-seweamwp

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

JOB: Sepulveda and Westchester AM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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	2194	2.5	.0	19.5
B. NA	9	-150	9	0	AG	2059	5.2	.0	18.0
C. ND	9	0	9	150	AG	2378	3.1	.0	13.5
D. NE	9	150	9	450	AG	2378	2.5	.0	19.5
E. SF	-9	450	-9	150	AG	2386	2.5	.0	19.5
F. SA	-9	150	-9	0	AG	2079	5.2	.0	18.0
G. SD	-9	0	-9	-150	AG	2182	3.0	.0	13.5
H. SE	-9	-150	-9	-450	AG	2182	2.5	.0	19.5
I. WF	450	7	150	7	AG	1350	2.5	.0	15.0
J. WA	150	7	0	7	AG	1198	12.7	.0	13.5
K. WD	0	7	-150	7	AG	1123	9.7	.0	9.9
L. WE	-150	7	-450	7	AG	1123	2.5	.0	15.0
M. EF	-450	-7	-150	-7	AG	769	2.5	.0	15.0
N. EA	-150	-7	0	-7	AG	731	8.7	.0	13.5
O. ED	0	-7	150	-7	AG	1016	6.5	.0	9.9
P. EE	150	-7	450	-7	AG	1016	2.5	.0	15.0
Q. NL	0	0	5	-150	AG	135	4.6	.0	9.9
R. SL	0	0	-5	150	AG	307	4.6	.0	9.9
S. WL	0	0	150	5	AG	152	8.7	.0	9.9
T. EL	0	0	-150	-5	AG	38	8.7	.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
5. NE7	23	18	1.8
6. SE7	23	-18	1.8
7. SW7	-23	-18	1.8
8. NW7	-23	18	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	B	C	D	E	F	G	H

68-seweamwp												
	*	*	*									
1. NE3	*	261.	*	3.3	*	.0	.0	.4	.0	.0	.3	.0
2. SE3	*	348.	*	2.7	*	.0	.3	.7	.0	.0	.4	.0
3. SW3	*	79.	*	2.9	*	.0	.3	.0	.0	.0	.0	.4
4. NW3	*	96.	*	3.4	*	.0	.0	.2	.0	.0	.6	.0
5. NE7	*	189.	*	2.4	*	.0	.9	.0	.0	.0	.0	.2
6. SE7	*	341.	*	2.1	*	.0	.1	.5	.0	.0	.4	.0
7. SW7	*	77.	*	2.2	*	.0	.3	.0	.0	.0	.0	.3
8. NW7	*	99.	*	2.7	*	.0	.0	.2	.0	.0	.5	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.8	1.3	.0	.0	.4	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.6	.0	.0	.0	.0	.4	.0	.0	.1	.0	.0
3. SW3	*	.0	.9	.0	.0	.0	.4	.7	.0	.0	.0	.1	.0
4. NW3	*	.0	2.0	.0	.0	.0	.0	.2	.1	.0	.0	.1	.0
5. NE7	*	.0	.8	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
6. SE7	*	.0	.5	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
7. SW7	*	.0	.8	.0	.0	.0	.0	.6	.0	.0	.0	.1	.0
8. NW7	*	.0	1.5	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0

69-sewepmnp

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

JOB: Sepulveda and Westchester PM NP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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	2672	2.5	.0	19.5
B. NA	9	-150	9	0	AG	2468	5.1	.0	18.0
C. ND	9	0	9	150	AG	2949	3.4	.0	13.5
D. NE	9	150	9	450	AG	2949	2.5	.0	19.5
E. SF	-9	450	-9	150	AG	2686	2.5	.0	19.5
F. SA	-9	150	-9	0	AG	2363	5.1	.0	18.0
G. SD	-9	0	-9	-150	AG	2655	3.1	.0	13.5
H. SE	-9	-150	-9	-450	AG	2655	2.5	.0	19.5
I. WF	450	7	150	7	AG	1417	2.5	.0	15.0
J. WA	150	7	0	7	AG	1151	14.5	.0	13.5
K. WD	0	7	-150	7	AG	1025	7.6	.0	9.9
L. WE	-150	7	-450	7	AG	1025	2.5	.0	15.0
M. EF	-450	-7	-150	-7	AG	848	2.5	.0	15.0
N. EA	-150	-7	0	-7	AG	729	9.4	.0	13.5
O. ED	0	-7	150	-7	AG	994	7.6	.0	9.9
P. EE	150	-7	450	-7	AG	994	2.5	.0	15.0
Q. NL	0	0	5	-150	AG	204	4.2	.0	9.9
R. SL	0	0	-5	150	AG	323	4.4	.0	9.9
S. WL	0	0	150	5	AG	266	10.7	.0	9.9
T. EL	0	0	-150	-5	AG	119	9.4	.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
5. NE7	23	18	1.8
6. SE7	23	-18	1.8
7. SW7	-23	-18	1.8
8. NW7	-23	18	1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* A	* B	* C	* D	* E	* F	* G	* H

69-sewepmnp												
	*	*	*									
1. NE3	*	260.	*	3.4	*	.0	.0	.6	.0	.0	.4	.0
2. SE3	*	348.	*	3.2	*	.0	.4	.9	.0	.0	.5	.0
3. SW3	*	79.	*	3.4	*	.0	.4	.0	.0	.0	.0	.0
4. NW3	*	96.	*	3.9	*	.0	.0	.3	.0	.0	.7	.0
5. NE7	*	189.	*	2.7	*	.0	1.1	.0	.0	.0	.0	.2
6. SE7	*	341.	*	2.4	*	.0	.2	.6	.0	.0	.5	.0
7. SW7	*	77.	*	2.6	*	.0	.4	.0	.0	.0	.0	.0
8. NW7	*	99.	*	3.2	*	.0	.0	.3	.0	.0	.6	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.9	.9	.0	.0	.4	.0	.0	.0	.0	.0	.1
2. SE3	*	.0	.6	.0	.0	.0	.0	.5	.0	.0	.1	.1	.0
3. SW3	*	.0	1.0	.0	.0	.0	.4	.8	.0	.0	.0	.3	.0
4. NW3	*	.0	2.2	.0	.0	.0	.0	.2	.1	.0	.0	.3	.0
5. NE7	*	.0	.9	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0
6. SE7	*	.0	.6	.0	.0	.0	.0	.4	.0	.0	.0	.1	.0
7. SW7	*	.0	.9	.0	.0	.0	.0	.6	.0	.0	.0	.2	.0
8. NW7	*	.0	1.7	.0	.0	.0	.0	.3	.0	.0	.0	.2	.0

70-sewepmwp

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

JOB: Sepulveda and Westchester PM WP
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	9 -450 9 -150	*	AG	2753	2.5	.0	19.5
B. NA	*	9 -150 9 0	*	AG	2528	5.2	.0	18.0
C. ND	*	9 0 9 150	*	AG	3020	3.5	.0	13.5
D. NE	*	9 150 9 450	*	AG	3020	2.5	.0	19.5
E. SF	*	-9 450 -9 150	*	AG	2721	2.5	.0	19.5
F. SA	*	-9 150 -9 0	*	AG	2388	5.2	.0	18.0
G. SD	*	-9 0 -9 -150	*	AG	2680	3.2	.0	13.5
H. SE	*	-9 -150 -9 -450	*	AG	2680	2.5	.0	19.5
I. WF	*	450 7 150 7	*	AG	1468	2.5	.0	15.0
J. WA	*	150 7 0 7	*	AG	1202	15.0	.0	13.5
K. WD	*	0 7 -150 7	*	AG	1086	7.8	.0	9.9
L. WE	*	-150 7 -450 7	*	AG	1086	2.5	.0	15.0
M. EF	*	-450 -7 -150 -7	*	AG	873	2.5	.0	15.0
N. EA	*	-150 -7 0 -7	*	AG	754	11.0	.0	13.5
O. ED	*	0 -7 150 -7	*	AG	1029	7.8	.0	9.9
P. EE	*	150 -7 450 -7	*	AG	1029	2.5	.0	15.0
Q. NL	*	0 0 5 -150	*	AG	225	4.3	.0	9.9
R. SL	*	0 0 -5 150	*	AG	333	4.6	.0	9.9
S. WL	*	0 0 150 5	*	AG	266	11.0	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	119	9.7	.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
5. NE7	*	23 18 1.8
6. SE7	*	23 -18 1.8
7. SW7	*	-23 -18 1.8
8. NW7	*	-23 18 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
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70-sewepmwp												
	*	*	*									
1. NE3	*	259.	*	3.6	*	.0	.0	.6	.0	.0	.4	.0
2. SE3	*	348.	*	3.3	*	.0	.4	1.0	.0	.0	.5	.0
3. SW3	*	79.	*	3.6	*	.0	.4	.0	.0	.0	.0	.0
4. NW3	*	96.	*	4.1	*	.0	.0	.3	.0	.0	.7	.0
5. NE7	*	189.	*	2.9	*	.0	1.1	.0	.0	.0	.0	.2
6. SE7	*	341.	*	2.6	*	.0	.2	.7	.0	.0	.5	.0
7. SW7	*	77.	*	2.8	*	.0	.4	.0	.0	.0	.0	.0
8. NW7	*	99.	*	3.3	*	.0	.0	.3	.0	.0	.6	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	1.1	.9	.0	.0	.5	.0	.0	.0	.0	.0	.1
2. SE3	.0	.7	.0	.0	.0	.0	.5	.0	.0	.1	.1	.0
3. SW3	.0	1.1	.0	.0	.0	.5	.8	.0	.0	.0	.3	.0
4. NW3	.0	2.3	.0	.0	.0	.0	.2	.1	.0	.0	.3	.0
5. NE7	.0	.9	.0	.0	.0	.0	.3	.0	.0	.0	.1	.0
6. SE7	.0	.6	.0	.0	.0	.0	.4	.0	.0	.0	.1	.0
7. SW7	.0	1.0	.0	.0	.0	.0	.7	.0	.0	.0	.2	.0
8. NW7	.0	1.8	.0	.0	.0	.0	.3	.0	.0	.0	.2	.0

E-4b

Year 2010 No Project and Year 2010 With Project and
Mitigation for Operation Localized Emissions

Playa Vista Second Phase Project

CALINE4 Modeling Results and Estimated Local 1-Hour Carbon Monoxide Concentrations (ppm)

Projected Background 1-Hour CO Concentrations (ppm) ^a

Monitoring Station: [West L.A.](#)

Year	1-Hr Concentration
2010	4.4

Intersection and Receptor Locations	Future Without Project		Future With Project + Mitigation		
	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Exceedance of Significance Threshold ^d
Centinela Ave. and Jefferson Blvd. - AM					
NE	1.8	6.2	2.1	6.5	NO
SE	1.6	6.0	1.8	6.2	NO
SW	2.1	6.5	2.3	6.7	NO
NW	2.1	6.5	2.3	6.7	NO
Centinela Ave. and Jefferson Blvd. - PM					
NE	1.7	6.1	2.2	6.6	NO
SE	1.8	6.2	2.4	6.8	NO
SW	1.5	5.9	1.9	6.3	NO
NW	1.6	6.0	1.9	6.3	NO
La Tijera Blvd. and Centinela Ave. - AM					
NE	3.0	7.4	1.9	6.3	NO
SE	1.9	6.3	1.7	6.1	NO
SW	2.0	6.4	2.0	6.4	NO
NW	2.4	6.8	2.0	6.4	NO
La Tijera Blvd. and Centinela Ave. - PM					
NE	2.1	6.5	1.8	6.2	NO
SE	2.4	6.8	2.2	6.6	NO
SW	2.1	6.5	2.0	6.4	NO
NW	2.1	6.5	2.0	6.4	NO
Sepulveda Blvd. and Centinela Ave. - AM					
NE	5.7	10.1	5.9	10.3	NO
SE	3.8	8.2	3.9	8.3	NO
SW	3.1	7.5	3.3	7.7	NO
NW	4.9	9.3	5.1	9.5	NO
Sepulveda Blvd. and Centinela Ave. - PM					
NE	4.7	9.1	4.9	9.3	NO
SE	6.6	11.0	6.6	11.0	NO
SW	6.5	10.9	6.0	10.4	NO
NW	5.9	10.3	6.7	11.1	NO
Culver Blvd. and Jefferson Blvd. - AM					
NE	3.9	8.3	3.4	7.8	NO
SE	3.1	7.5	3.2	7.6	NO
SW	3.4	7.8	2.8	7.2	NO
NW	2.1	6.5	2.8	7.2	NO
Culver Blvd. and Jefferson Blvd. - PM					
NE	2.8	7.2	2.7	7.1	NO
SE	2.2	6.6	2.1	6.5	NO
SW	3.2	7.6	3.2	7.6	NO
NW	2.1	6.5	2.1	6.5	NO
Sepulveda Blvd. and Howard Hughes Pkwy. - AM					
NE	5.5	9.9	5.5	9.9	NO
SE	5.0	9.4	5.0	9.4	NO
SW	5.5	9.9	5.5	9.9	NO
NW	3.4	7.8	3.4	7.8	NO
Sepulveda Blvd. and Howard Hughes Pkwy. - PM					
NE	5.1	9.5	5.3	9.7	NO
SE	4.6	9.0	4.7	9.1	NO
SW	5.0	9.4	5.1	9.5	NO
NW	3.4	7.8	3.5	7.9	NO

a Based on guidance provided by the [AQMD Air Quality Analysis Guidance Handbook](#).

b The 1-hour traffic contribution (ppm) is determined by inputting total traffic volumes into the CALINE4 model.

c The estimated local concentration is the traffic contribution + the background concentration.

d The California Ambient Air Quality Standard for 1-hour CO concentrations is 20 ppm.

Playa Vista Second Phase Project

CALINE4 Modeling Results and Estimated Local 8-Hour Carbon Monoxide Concentrations (ppm)

Projected Background 8-Hour CO Concentrations (ppm) ^a		Average Persistence Factor = 0.70	
Monitoring Station: West L.A.			
<u>Year</u> 2010	<u>8-Hr Concentration</u> 2.8		

Intersection and Receptor Locations	Future Without Project		Future With Project + Mitigation		
	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Exceedance of Significance Threshold ^d
Centinela Ave. and Jefferson Blvd. - AM					
NE	1.1	3.9	1.2	4.0	NO
SE	1.1	3.9	1.1	3.9	NO
SW	1.3	4.1	1.4	4.2	NO
NW	1.3	4.1	1.4	4.2	NO
Centinela Ave. and Jefferson Blvd. - PM					
NE	1.1	3.9	1.3	4.1	NO
SE	1.1	3.9	1.4	4.2	NO
SW	1.0	3.8	1.2	4.0	NO
NW	1.1	3.9	1.2	4.0	NO
La Tijera Blvd. and Centinela Ave. - AM					
NE	1.5	4.3	1.1	3.9	NO
SE	1.1	3.9	1.1	3.9	NO
SW	1.2	4.0	1.1	3.9	NO
NW	1.3	4.1	1.3	4.1	NO
La Tijera Blvd. and Centinela Ave. - PM					
NE	1.3	4.1	1.2	4.0	NO
SE	1.4	4.2	1.3	4.1	NO
SW	1.3	4.1	1.2	4.0	NO
NW	1.1	3.9	1.6	4.4	NO
Sepulveda Blvd. and Centinela Ave. - AM					
NE	3.1	5.9	3.2	6.0	NO
SE	2.5	5.3	2.5	5.3	NO
SW	2.0	4.8	2.0	4.8	NO
NW	2.8	5.6	2.9	5.7	NO
Sepulveda Blvd. and Centinela Ave. - PM					
NE	2.9	5.7	3.0	5.8	NO
SE	4.0	6.8	4.0	6.8	NO
SW	3.2	6.0	3.2	6.0	NO
NW	3.5	6.3	3.9	6.7	NO
Culver Blvd. and Jefferson Blvd. - AM					
NE	2.0	4.8	1.7	4.5	NO
SE	1.6	4.4	1.8	4.6	NO
SW	1.9	4.7	1.4	4.2	NO
NW	1.2	4.0	1.5	4.3	NO
Culver Blvd. and Jefferson Blvd. - PM					
NE	1.5	4.3	1.5	4.3	NO
SE	1.2	4.0	1.2	4.0	NO
SW	1.8	4.6	1.8	4.6	NO
NW	1.3	4.1	1.3	4.1	NO
Sepulveda Blvd. and Howard Hughes Pkwy. - AM					
NE	3.2	6.0	3.2	6.0	NO
SE	2.9	5.7	2.9	5.7	NO
SW	3.4	6.2	3.4	6.2	NO
NW	2.2	5.0	2.2	5.0	NO
Sepulveda Blvd. and Howard Hughes Pkwy. - PM					
NE	3.0	5.8	3.1	5.9	NO
SE	2.7	5.5	2.8	5.6	NO
SW	3.2	6.0	3.2	6.0	NO
NW	2.2	5.0	2.2	5.0	NO

a Based on guidance provided by the AQMD Air Quality Analysis Guidance Handbook.

b The persistence factor is calculated as recommended in Table B.15 in the [Transportation Project-Level Carbon Monoxide Protocol](#) (Institute of Transportation Studies, UC Davis, Revised 1997). This is a generalized persistence factor likely to provide a conservative estimate in most situations.

c The estimated local concentration is the traffic contribution + the background concentration.

d The California Ambient Air Quality Standard for 8-hour CO concentrations is 9 ppm.

Playa Vista Second Phase Project

CALINE4 Modeling Results and Estimated Local 1-Hour Carbon Monoxide Concentrations (ppm)

Projected Background 1-Hour CO Concentrations (ppm) ^a

Monitoring Station: [West L.A.](#)

Year 1-Hr Concentration
2010 4.4

Intersection and Receptor Locations	Future Without Project		Future With Project + Mitigation		
	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Exceedance of Significance Threshold ^d
I-405 SB Ramps and Jefferson Blvd. - AM					
NE	1.7	6.1	1.8	6.2	NO
SE	1.9	6.3	2.0	6.4	NO
SW	2.3	6.7	2.5	6.9	NO
NW	2.8	7.2	3.0	7.4	NO
I-405 SB Ramps and Jefferson Blvd. - PM					
NE	1.8	6.2	1.9	6.3	NO
SE	2.1	6.5	2.2	6.6	NO
SW	2.5	6.9	2.6	7.0	NO
NW	3.0	7.4	3.2	7.6	NO
Lincoln Blvd. and Jefferson Blvd. - AM					
NE	3.3	7.7	3.4	7.8	NO
SE	2.9	7.3	3.0	7.4	NO
SW	3.2	7.6	3.3	7.7	NO
NW	3.1	7.5	3.2	7.6	NO
Lincoln Blvd. and Jefferson Blvd. - PM					
NE	3.6	8.0	4.6	9.0	NO
SE	3.0	7.4	4.8	9.2	NO
SW	4.0	8.4	4.6	9.0	NO
NW	4.3	8.7	5.3	9.7	NO
Lincoln Blvd. and Manchester Ave. - AM					
NE	4.0	8.4	4.2	8.6	NO
SE	3.4	7.8	3.6	8.0	NO
SW	4.1	8.5	4.3	8.7	NO
NW	4.6	9.0	4.8	9.2	NO
Lincoln Blvd. and Manchester Ave. - PM					
NE	4.1	8.5	4.4	8.8	NO
SE	3.7	8.1	3.9	8.3	NO
SW	3.6	8.0	3.8	8.2	NO
NW	3.6	8.0	3.8	8.2	NO
Lincoln Blvd. and Bluff Creek Dr. - AM					
NE	3.9	8.3	4.2	8.6	NO
SE	3.8	8.2	4.1	8.5	NO
SW	4.1	8.5	4.6	9.0	NO
NW	2.8	7.2	3.1	7.5	NO
Lincoln Blvd. and Bluff Creek Dr. - PM					
NE	5.2	9.6	5.9	10.3	NO
SE	4.6	9.0	5.5	9.9	NO
SW	4.6	9.0	5.6	10.0	NO
NW	3.0	7.4	3.6	8.0	NO
Lincoln Blvd. and Washington Blvd. - AM					
NE	4.0	8.4	4.1	8.5	NO
SE	4.8	9.2	5.0	9.4	NO
SW	6.0	10.4	6.2	10.6	NO
NW	3.8	8.2	4.0	8.4	NO
Lincoln Blvd. and Washington Blvd. - PM					
NE	5.8	10.2	6.0	10.4	NO
SE	5.2	9.6	5.8	10.2	NO
SW	5.9	10.3	6.8	11.2	NO
NW	5.3	9.7	5.5	9.9	NO

a Based on guidance provided by the [AQMD Air Quality Analysis Guidance Handbook](#).

b The 1-hour traffic contribution (ppm) is determined by inputting total traffic volumes into the CALINE4 model.

c The estimated local concentration is the traffic contribution + the background concentration.

d The California Ambient Air Quality Standard for 1-hour CO concentrations is 20 ppm.

Playa Vista Second Phase Project

CALINE4 Modeling Results and Estimated Local 8-Hour Carbon Monoxide Concentrations (ppm)

Projected Background 8-Hour CO Concentrations (ppm) ^a		Average Persistence Factor = 0.70	
Monitoring Station: West L.A.			
<u>Year</u> 2010	<u>8-Hr Concentration</u> 2.8		

Intersection and Receptor Locations	Future Without Project		Future With Project + Mitigation		
	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Exceedance of Significance Threshold ^d
I-405 SB Ramps and Jefferson Blvd. - AM					
NE	0.9	3.7	0.9	3.7	NO
SE	1.1	3.9	1.1	3.9	NO
SW	1.3	4.1	1.4	4.2	NO
NW	1.1	3.9	1.1	3.9	NO
I-405 SB Ramps and Jefferson Blvd. - PM					
NE	0.9	3.7	0.9	3.7	NO
SE	1.2	4.0	1.2	4.0	NO
SW	1.4	4.2	1.5	4.3	NO
NW	1.1	3.9	1.2	4.0	NO
Lincoln Blvd. and Jefferson Blvd. - AM					
NE	2.0	4.8	2.0	4.8	NO
SE	1.7	4.5	1.8	4.6	NO
SW	2.0	4.8	2.0	4.8	NO
NW	2.0	4.8	2.0	4.8	NO
Lincoln Blvd. and Jefferson Blvd. - PM					
NE	2.2	5.0	2.8	5.6	NO
SE	1.9	4.7	2.9	5.7	NO
SW	2.5	5.3	2.8	5.6	NO
NW	2.6	5.4	3.0	5.8	NO
Lincoln Blvd. and Manchester Ave. - AM					
NE	2.0	4.8	2.1	4.9	NO
SE	2.0	4.8	2.1	4.9	NO
SW	2.2	5.0	2.3	5.1	NO
NW	2.7	5.5	2.8	5.6	NO
Lincoln Blvd. and Manchester Ave. - PM					
NE	2.2	5.0	2.3	5.1	NO
SE	2.2	5.0	2.3	5.1	NO
SW	2.0	4.8	2.1	4.9	NO
NW	2.1	4.9	2.2	5.0	NO
Lincoln Blvd. and Bluff Creek Dr. - AM					
NE	2.2	5.0	2.4	5.2	NO
SE	2.2	5.0	2.4	5.2	NO
SW	2.5	5.3	2.7	5.5	NO
NW	1.8	4.6	2.0	4.8	NO
Lincoln Blvd. and Bluff Creek Dr. - PM					
NE	2.9	5.7	3.3	6.1	NO
SE	2.6	5.4	3.1	5.9	NO
SW	2.7	5.5	3.4	6.2	NO
NW	1.9	4.7	2.2	5.0	NO
Lincoln Blvd. and Washington Blvd. - AM					
NE	2.3	5.1	2.4	5.2	NO
SE	2.7	5.5	2.8	5.6	NO
SW	3.1	5.9	3.2	6.0	NO
NW	2.2	5.0	2.4	5.2	NO
Lincoln Blvd. and Washington Blvd. - PM					
NE	3.2	6.0	3.3	6.1	NO
SE	2.9	5.7	3.3	6.1	NO
SW	3.2	6.0	3.6	6.4	NO
NW	3.0	5.8	3.2	6.0	NO

a Based on guidance provided by the AQMD Air Quality Analysis Guidance Handbook.

b The persistence factor is calculated as recommended in Table B.15 in the [Transportation Project-Level Carbon Monoxide Protocol](#) (Institute of Transportation Studies, UC Davis, Revised 1997). This is a generalized persistence factor likely to provide a conservative estimate in most situations.

c The estimated local concentration is the traffic contribution + the background concentration.

d The California Ambient Air Quality Standard for 8-hour CO concentrations is 9 ppm.

Playa Vista Second Phase Project

CALINE4 Modeling Results and Estimated Local 1-Hour Carbon Monoxide Concentrations (ppm)

Projected Background 1-Hour CO Concentrations (ppm) ^a

Monitoring Station: [West L.A.](#)

Year 1-Hr Concentration
2010 4.4

Intersection and Receptor Locations	Future Without Project		Future With Project + Mitigation		
	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Exceedance of Significance Threshold ^d
Sepulveda Blvd. and Manchester Blvd. - AM					
NE	3.8	8.2	3.9	8.3	NO
SE	3.2	7.6	3.2	7.6	NO
SW	3.4	7.8	3.4	7.8	NO
NW	3.4	7.8	3.5	7.9	NO
Sepulveda Blvd. and Manchester Blvd. - PM					
NE	3.9	8.3	4.1	8.5	NO
SE	4.2	8.6	4.4	8.8	NO
SW	5.0	9.4	5.3	9.7	NO
NW	4.9	9.3	5.2	9.6	NO
Inglewood Blvd. and Culver Blvd. - AM					
NE	1.5	5.9	1.5	5.9	NO
SE	1.5	5.9	1.6	6.0	NO
SW	1.5	5.9	1.6	6.0	NO
NW	1.5	5.9	1.7	6.1	NO
Inglewood Blvd. and Culver Blvd. - PM					
NE	2.0	6.4	2.1	6.5	NO
SE	1.9	6.3	2.0	6.4	NO
SW	1.9	6.3	2.0	6.4	NO
NW	2.0	6.4	2.1	6.5	NO
Inglewood Blvd. and Jefferson Blvd. - AM					
NE	1.8	6.2	2.0	6.4	NO
SE	1.4	5.8	1.4	5.8	NO
SW	1.4	5.8	1.7	6.1	NO
NW	1.9	6.3	2.1	6.5	NO
Inglewood Blvd. and Jefferson Blvd. - PM					
NE	1.6	6.0	1.7	6.1	NO
SE	1.7	6.1	1.8	6.2	NO
SW	1.5	5.9	1.6	6.0	NO
NW	1.7	6.1	1.8	6.2	NO
Overland Ave. and Culver Blvd. - AM					
NE	2.1	6.5	2.2	6.6	NO
SE	1.9	6.3	2.0	6.4	NO
SW	2.1	6.5	2.2	6.6	NO
NW	1.9	6.3	2.3	6.7	NO
Overland Ave. and Culver Blvd. - PM					
NE	1.8	6.2	2.0	6.4	NO
SE	1.9	6.3	2.1	6.5	NO
SW	1.9	6.3	1.9	6.3	NO
NW	1.8	6.2	1.9	6.3	NO
Lincoln Blvd. and Ocean Park Blvd. - AM					
NE	2.1	6.5	2.2	6.6	NO
SE	2.5	6.9	2.6	7.0	NO
SW	2.7	7.1	2.7	7.1	NO
NW	2.4	6.8	2.4	6.8	NO
Lincoln Blvd. and Ocean Park Blvd. - PM					
NE	2.6	7.0	2.7	7.1	NO
SE	2.7	7.1	2.8	7.2	NO
SW	3.2	7.6	3.3	7.7	NO
NW	2.8	7.2	2.9	7.3	NO

a Based on guidance provided by the [AOMD Air Quality Analysis Guidance Handbook](#).

b The 1-hour traffic contribution (ppm) is determined by inputting total traffic volumes into the CALINE4 model.

c The estimated local concentration is the traffic contribution + the background concentration.

d The California Ambient Air Quality Standard for 1-hour CO concentrations is 20 ppm.

Playa Vista Second Phase Project

CALINE4 Modeling Results and Estimated Local 8-Hour Carbon Monoxide Concentrations (ppm)

Projected Background 8-Hour CO Concentrations (ppm) ^a		Average Persistence Factor = 0.70	
Monitoring Station: West L.A.			
<u>Year</u> 2010	<u>8-Hr Concentration</u> 2.8		

Intersection and Receptor Locations	Future Without Project		Future With Project + Mitigation		
	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Exceedance of Significance Threshold ^d
Sepulveda Blvd. and Manchester Blvd. - AM					
NE	2.0	4.8	2.0	4.8	NO
SE	1.8	4.6	1.8	4.6	NO
SW	2.0	4.8	2.0	4.8	NO
NW	2.0	4.8	2.0	4.8	NO
Sepulveda Blvd. and Manchester Blvd. - PM					
NE	2.3	5.1	2.4	5.2	NO
SE	2.4	5.2	2.5	5.3	NO
SW	2.9	5.7	3.1	5.9	NO
NW	2.9	5.7	3.0	5.8	NO
Inglewood Blvd. and Culver Blvd. - AM					
NE	0.9	3.7	0.9	3.7	NO
SE	0.9	3.7	0.9	3.7	NO
SW	0.9	3.7	1.0	3.8	NO
NW	0.9	3.7	0.9	3.7	NO
Inglewood Blvd. and Culver Blvd. - PM					
NE	1.2	4.0	1.3	4.1	NO
SE	1.1	3.9	1.2	4.0	NO
SW	1.1	3.9	1.2	4.0	NO
NW	1.2	4.0	1.3	4.1	NO
Inglewood Blvd. and Jefferson Blvd. - AM					
NE	0.9	3.7	1.0	3.8	NO
SE	0.8	3.6	0.9	3.7	NO
SW	0.9	3.7	1.0	3.8	NO
NW	1.1	3.9	1.1	3.9	NO
Inglewood Blvd. and Jefferson Blvd. - PM					
NE	0.9	3.7	1.0	3.8	NO
SE	1.1	3.9	1.1	3.9	NO
SW	1.0	3.8	1.1	3.9	NO
NW	0.9	3.7	0.9	3.7	NO
Overland Ave. and Culver Blvd. - AM					
NE	1.2	4.0	1.3	4.1	NO
SE	1.2	4.0	1.3	4.1	NO
SW	1.2	4.0	1.2	4.0	NO
NW	1.3	4.1	1.3	4.1	NO
Overland Ave. and Culver Blvd. - PM					
NE	1.1	3.9	1.2	4.0	NO
SE	1.1	3.9	1.1	3.9	NO
SW	1.1	3.9	1.1	3.9	NO
NW	1.1	3.9	1.2	4.0	NO
Lincoln Blvd. and Ocean Park Blvd. - AM					
NE	1.3	4.1	1.3	4.1	NO
SE	1.4	4.2	1.4	4.2	NO
SW	1.3	4.1	1.3	4.1	NO
NW	1.3	4.1	1.3	4.1	NO
Lincoln Blvd. and Ocean Park Blvd. - PM					
NE	1.3	4.1	1.4	4.2	NO
SE	1.4	4.2	1.4	4.2	NO
SW	1.7	4.5	1.8	4.6	NO
NW	1.5	4.3	1.5	4.3	NO

a Based on guidance provided by the AQMD Air Quality Analysis Guidance Handbook.

b The persistence factor is calculated as recommended in Table B.15 in the [Transportation Project-Level Carbon Monoxide Protocol](#) (Institute of Transportation Studies, UC Davis, Revised 1997). This is a generalized persistence factor likely to provide a conservative estimate in most situations.

c The estimated local concentration is the traffic contribution + the background concentration.

d The California Ambient Air Quality Standard for 8-hour CO concentrations is 9 ppm.

Playa Vista Second Phase Project

CALINE4 Modeling Results and Estimated Local 1-Hour Carbon Monoxide Concentrations (ppm)

Projected Background 1-Hour CO Concentrations (ppm) ^a

Monitoring Station: [West L.A.](#)

<u>Year</u>	<u>1-Hr Concentration</u>
2010	4.4

Intersection and Receptor Locations	Future Without Project		Future With Project + Mitigation		
	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Exceedance of Significance Threshold ^d
Sepulveda Blvd. and Westchester Pkwy. - AM					
NE	3.4	7.8	3.2	7.6	NO
SE	2.6	7.0	2.6	7.0	NO
SW	2.8	7.2	2.8	7.2	NO
NW	3.3	7.7	3.4	7.8	NO
Sepulveda Blvd. and Westchester Pkwy. - PM					
NE	3.4	7.8	3.3	7.7	NO
SE	3.2	7.6	3.2	7.6	NO
SW	3.4	7.8	3.3	7.7	NO
NW	3.9	8.3	3.7	8.1	NO

a Based on guidance provided by the [AQMD Air Quality Analysis Guidance Handbook](#).

b The 1-hour traffic contribution (ppm) is determined by inputting total traffic volumes into the CALINE4 model.

c The estimated local concentration is the traffic contribution + the background concentration.

d The California Ambient Air Quality Standard for 1-hour CO concentrations is 20 ppm.

Playa Vista Second Phase Project

CALINE4 Modeling Results and Estimated Local 8-Hour Carbon Monoxide Concentrations (ppm)

Projected Background 8-Hour CO Concentrations (ppm) ^a		Average Persistence Factor = 0.70	
Monitoring Station: West L.A.			
<u>Year</u> 2010	<u>8-Hr Concentration</u> 2.8		

Intersection and Receptor Locations	Future Without Project		Future With Project + Mitigation		
	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Traffic CO Contribution ^b	Estimated Local CO Concentration ^c	Exceedance of Significance Threshold ^d
Sepulveda Blvd. and Westchester Pkwy. - AM					
NE	1.6	4.4	1.6	4.4	NO
SE	1.4	4.2	1.4	4.2	NO
SW	1.5	4.3	1.5	4.3	NO
NW	1.9	4.7	1.9	4.7	NO
Sepulveda Blvd. and Westchester Pkwy. - PM					
NE	1.9	4.7	1.9	4.7	NO
SE	1.7	4.5	1.7	4.5	NO
SW	1.8	4.6	1.8	4.6	NO
NW	2.2	5.0	2.1	4.9	NO

a Based on guidance provided by the AQMD Air Quality Analysis Guidance Handbook.

b The persistence factor is calculated as recommended in Table B.15 in the [Transportation Project-Level Carbon Monoxide Protocol](#) (Institute of Transportation Studies, UC Davis, Revised 1997). This is a generalized persistence factor likely to provide a conservative estimate in most situations.

c The estimated local concentration is the traffic contribution + the background concentration.

d The California Ambient Air Quality Standard for 8-hour CO concentrations is 9 ppm.

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

JOB: Centinela and Jefferson AM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	306	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	267	7.8	.0	22.5
C. ND	*	11 0 11 150	*	AG	1185	3.7	.0	13.5
D. NE	*	11 150 11 450	*	AG	1185	2.5	.0	19.5
E. SF	*	-9 450 -9 150	*	AG	1786	2.5	.0	15.0
F. SA	*	-9 150 -9 0	*	AG	1199	8.7	.0	18.0
G. SD	*	-9 0 -9 -150	*	AG	913	4.3	.0	9.9
H. SE	*	-9 -150 -9 -450	*	AG	913	2.5	.0	15.0
I. WF	*	450 11 150 11	*	AG	2091	2.2	.0	19.5
J. WA	*	150 11 0 11	*	AG	1882	5.2	.0	22.5
K. WD	*	0 11 -150 11	*	AG	2060	2.8	.0	13.5
L. WE	*	-150 11 -450 11	*	AG	2060	2.2	.0	19.5
M. EF	*	-450 -11 -150 -11	*	AG	1488	2.2	.0	19.5
N. EA	*	-150 -11 0 -11	*	AG	1028	4.6	.0	22.5
O. ED	*	0 -11 150 -11	*	AG	1513	2.6	.0	13.5
P. EE	*	150 -11 450 -11	*	AG	1513	2.2	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	39	7.8	.0	9.9
R. SL	*	0 0 -7 150	*	AG	587	8.7	.0	9.9
S. WL	*	0 0 150 7	*	AG	209	4.6	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	460	4.6	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 21 1.8
2. SE3	*	21 -21 1.8
3. SW3	*	-17 -21 1.8
4. NW3	*	-17 21 1.8
5. NE7	*	25 25 1.8
6. SE7	*	25 -25 1.8
7. SW7	*	-20 -25 1.8
8. NW7	*	-20 25 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	A	B	C	D	E	F	G	H
	*			*								

76-cejeamwpwm												
	*	*	*									
1. NE3	*	261.	*	2.1	*	.0	.0	.2	.0	.0	.3	.0
2. SE3	*	347.	*	1.8	*	.0	.0	.4	.0	.0	.5	.0
3. SW3	*	5.	*	2.3	*	.0	.0	.0	.1	.1	1.2	.0
4. NW3	*	95.	*	2.3	*	.0	.0	.1	.0	.0	.6	.0
5. NE7	*	255.	*	1.7	*	.0	.0	.2	.0	.0	.3	.0
6. SE7	*	345.	*	1.6	*	.0	.0	.3	.0	.0	.4	.0
7. SW7	*	7.	*	2.0	*	.0	.0	.0	.1	.0	1.1	.0
8. NW7	*	97.	*	2.0	*	.0	.0	.1	.0	.0	.6	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)										
		I	J	K	L	M	N	O	P	Q	R	T
1. NE3	*	.0	.4	.6	.0	.1	.0	.0	.0	.0	.2	.0
2. SE3	*	.0	.3	.0	.0	.0	.0	.2	.0	.0	.3	.0
3. SW3	*	.0	.0	.2	.0	.0	.2	.0	.0	.0	.3	.0
4. NW3	*	.1	1.0	.0	.0	.0	.0	.0	.1	.0	.2	.0
5. NE7	*	.0	.3	.4	.0	.0	.2	.0	.0	.0	.2	.1
6. SE7	*	.0	.3	.0	.0	.0	.0	.2	.0	.0	.3	.0
7. SW7	*	.0	.0	.1	.0	.0	.2	.0	.0	.0	.3	.0
8. NW7	*	.0	.9	.0	.0	.0	.0	.0	.1	.0	.2	.0

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

JOB: Centinela and Jefferson PM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	950	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	762	7.8	.0	22.5
C. ND	*	11 0 11 150	*	AG	1662	6.0	.0	13.5
D. NE	*	11 150 11 450	*	AG	1662	2.5	.0	19.5
E. SF	*	-9 450 -9 150	*	AG	1183	2.5	.0	15.0
F. SA	*	-9 150 -9 0	*	AG	486	7.8	.0	18.0
G. SD	*	-9 0 -9 -150	*	AG	348	3.2	.0	9.9
H. SE	*	-9 -150 -9 -450	*	AG	348	2.5	.0	15.0
I. WF	*	450 11 150 11	*	AG	1553	2.5	.0	19.5
J. WA	*	150 11 0 11	*	AG	1384	5.2	.0	22.5
K. WD	*	0 11 -150 11	*	AG	1588	3.0	.0	13.5
L. WE	*	-150 11 -450 11	*	AG	1588	2.5	.0	19.5
M. EF	*	-450 -11 -150 -11	*	AG	2019	2.5	.0	19.5
N. EA	*	-150 -11 0 -11	*	AG	1344	5.2	.0	22.5
O. ED	*	0 -11 150 -11	*	AG	2107	3.1	.0	13.5
P. EE	*	150 -11 450 -11	*	AG	2107	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	188	7.8	.0	9.9
R. SL	*	0 0 -7 150	*	AG	697	8.7	.0	9.9
S. WL	*	0 0 150 7	*	AG	169	4.9	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	675	5.2	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 21 1.8
2. SE3	*	21 -21 1.8
3. SW3	*	-17 -21 1.8
4. NW3	*	-17 21 1.8
5. NE7	*	25 25 1.8
6. SE7	*	25 -25 1.8
7. SW7	*	-20 -25 1.8
8. NW7	*	-20 25 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	A	B	C	D	E	F	G	H

77-cejepmwpwm												
	*	*	*									
1. NE3	*	259.	*	2.2	*	.0	.0	.6	.0	.0	.1	.0
2. SE3	*	350.	*	2.4	*	.0	.3	1.0	.0	.0	.1	.0
3. SW3	*	9.	*	1.9	*	.0	.0	.3	.1	.0	.4	.0
4. NW3	*	96.	*	1.9	*	.0	.0	.3	.0	.0	.2	.0
5. NE7	*	255.	*	1.9	*	.0	.0	.5	.0	.0	.1	.0
6. SE7	*	346.	*	2.0	*	.0	.2	.7	.0	.0	.2	.0
7. SW7	*	11.	*	1.7	*	.0	.0	.3	.0	.0	.4	.0
8. NW7	*	98.	*	1.7	*	.0	.0	.3	.0	.0	.2	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.3	.4	.0	.1	.2	.0	.0	.0	.2	.0	.2
2. SE3	*	.0	.2	.0	.0	.0	.0	.4	.0	.0	.3	.0	.0
3. SW3	*	.0	.0	.1	.0	.0	.4	.0	.0	.0	.4	.0	.1
4. NW3	*	.0	.8	.0	.0	.0	.0	.0	.2	.0	.3	.0	.0
5. NE7	*	.0	.2	.3	.0	.0	.3	.0	.0	.0	.2	.0	.2
6. SE7	*	.0	.2	.0	.0	.0	.0	.3	.0	.0	.3	.0	.0
7. SW7	*	.0	.0	.1	.0	.0	.3	.0	.0	.0	.4	.0	.1
8. NW7	*	.0	.7	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0

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

JOB: La Tijera and Centinela AM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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	*	11 -450 11 -150	* AG	1477 2.5	.0	19.5
B. NA	*	11 -150 11 0	* AG	1192 6.5	.0	22.5
C. ND	*	11 0 11 150	* AG	1347 3.2	.0	13.5
D. NE	*	11 150 11 450	* AG	1347 2.5	.0	19.5
E. SF	*	-11 450 -11 150	* AG	1377 2.5	.0	19.5
F. SA	*	-11 150 -11 0	* AG	1344 7.1	.0	18.0
G. SD	*	-11 0 -11 -150	* AG	1472 3.2	.0	13.5
H. SE	*	-11 -150 -11 -450	* AG	1472 2.5	.0	19.5
I. WF	*	450 11 150 11	* AG	1722 2.5	.0	19.5
J. WA	*	150 11 0 11	* AG	1442 6.5	.0	22.5
K. WD	*	0 11 -150 11	* AG	1909 3.4	.0	13.5
L. WE	*	-150 11 -450 11	* AG	1909 2.5	.0	19.5
M. EF	*	-450 -11 -150 -11	* AG	1259 2.5	.0	19.5
N. EA	*	-150 -11 0 -11	* AG	992 6.5	.0	18.0
O. ED	*	0 -11 150 -11	* AG	1107 3.1	.0	13.5
P. EE	*	150 -11 450 -11	* AG	1107 2.5	.0	19.5
Q. NL	*	7 -150 0 0	* AG	285 6.5	.0	9.9
R. SL	*	-7 150 0 0	* AG	33 6.5	.0	9.9
S. WL	*	150 7 0 0	* AG	280 6.5	.0	9.9
T. EL	*	-150 -7 0 0	* AG	267 6.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 21 1.8
2. SE3	*	21 -21 1.8
3. SW3	*	-21 -21 1.8
4. NW3	*	-21 -21 1.8
5. NE7	*	25 25 1.8
6. SE7	*	25 -25 1.8
7. SW7	*	-25 -25 1.8
8. NW7	*	-25 -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
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78-laceamwpwm												
	*	*	*									
1. NE3	*	260.	*	1.9	*	.0	.0	.2	.0	.0	.3	.0
2. SE3	*	347.	*	1.7	*	.0	.3	.4	.0	.0	.4	.0
3. SW3	*	6.	*	2.0	*	.0	.0	.0	.2	.0	1.0	.0
4. NW3	*	6.	*	2.0	*	.0	.0	.0	.2	.0	1.0	.0
5. NE7	*	188.	*	1.6	*	.0	.7	.0	.0	.0	.0	.2
6. SE7	*	279.	*	1.5	*	.0	.4	.0	.0	.0	.0	.1
7. SW7	*	8.	*	1.6	*	.0	.0	.0	.1	.0	.9	.0
8. NW7	*	80.	*	1.8	*	.0	.2	.0	.0	.0	.0	.2

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK											
	*	(PPM)											
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.4	.6	.0	.1	.2	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.3	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
3. SW3	*	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0	.0	.0
5. NE7	*	.0	.5	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
6. SE7	*	.0	.0	.0	.2	.0	.6	.0	.0	.0	.0	.0	.1
7. SW7	*	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.3	.0	.0	.0	.4	.3	.0	.0	.0	.1	.0

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

JOB: La Tijera and Centinela PM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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) X1 Y1 X2 Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11 -450 11 -150	*	AG	1682	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	1510	6.5	.0	22.5
C. ND	*	11 0 11 150	*	AG	1511	3.2	.0	13.5
D. NE	*	11 150 11 450	*	AG	1511	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	1419	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	1342	6.5	.0	18.0
G. SD	*	-11 0 -11 -150	*	AG	1432	3.2	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	1432	2.5	.0	19.5
I. WF	*	450 11 150 11	*	AG	1247	2.5	.0	19.5
J. WA	*	150 11 0 11	*	AG	1030	6.5	.0	22.5
K. WD	*	0 11 -150 11	*	AG	1421	3.2	.0	13.5
L. WE	*	-150 11 -450 11	*	AG	1421	2.5	.0	19.5
M. EF	*	-450 -11 -150 -11	*	AG	1728	2.5	.0	19.5
N. EA	*	-150 -11 0 -11	*	AG	1486	7.1	.0	18.0
O. ED	*	0 -11 150 -11	*	AG	1712	3.5	.0	13.5
P. EE	*	150 -11 450 -11	*	AG	1712	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	172	6.5	.0	9.9
R. SL	*	0 0 -7 150	*	AG	77	6.5	.0	9.9
S. WL	*	0 0 150 7	*	AG	217	6.5	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	242	6.5	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X Y Z
1. NE3	*	21 21 1.8
2. SE3	*	21 -21 1.8
3. SW3	*	-21 -21 1.8
4. NW3	*	-21 -21 1.8
5. NE7	*	25 25 1.8
6. SE7	*	25 -25 1.8
7. SW7	*	-25 -25 1.8
8. NW7	*	-25 -17 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* * *	BRG (DEG)	* * *	PRED CONC (PPM)	A	B	C	D	E	F	G	H
				CONC/ LINK (PPM)								

79-lacepmwpwm												
	*	*	*									
1. NE3	*	257.	*	1.8	*	.0	.0	.3	.0	.0	.3	.0
2. SE3	*	276.	*	2.2	*	.0	.5	.0	.0	.0	.0	.1
3. SW3	*	79.	*	2.0	*	.0	.3	.0	.0	.0	.0	.3
4. NW3	*	79.	*	2.0	*	.0	.3	.0	.0	.0	.0	.3
5. NE7	*	187.	*	1.7	*	.0	.8	.0	.0	.0	.0	.2
6. SE7	*	278.	*	1.9	*	.0	.5	.0	.0	.0	.0	.1
7. SW7	*	8.	*	1.7	*	.0	.0	.0	.2	.0	.8	.0
8. NW7	*	86.	*	2.3	*	.0	.3	.0	.0	.0	.0	.2

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.3	.4	.0	.0	.4	.0	.0	.0	.0	.0	.1
2. SE3	.0	.0	.0	.2	.0	1.1	.0	.0	.0	.0	.0	.0
3. SW3	.0	.2	.0	.0	.0	.5	.6	.0	.0	.0	.0	.0
4. NW3	.0	.2	.0	.0	.0	.5	.6	.0	.0	.0	.0	.0
5. NE7	.0	.3	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
6. SE7	.0	.0	.0	.2	.0	.9	.0	.0	.0	.0	.0	.0
7. SW7	.0	.0	.1	.0	.0	.5	.0	.0	.0	.0	.0	.0
8. NW7	.1	.0	.0	.0	.0	.7	.7	.1	.0	.0	.0	.0

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

JOB: Sepulveda and Centinela AM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	3218	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	2161	6.0	.0	22.5
C. ND	*	11 0 11 150	*	AG	2152	3.2	.0	13.5
D. NE	*	11 150 11 450	*	AG	2152	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	1730	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	1539	5.6	.0	22.5
G. SD	*	-11 0 -11 -150	*	AG	2772	4.3	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	2772	2.5	.0	19.5
I. WF	*	450 9 150 9	*	AG	1526	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	1152	7.8	.0	18.0
K. WD	*	0 9 -150 9	*	AG	2134	18.4	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	2134	2.5	.0	15.0
M. EF	*	-450 -11 -150 -11	*	AG	1874	2.5	.0	19.5
N. EA	*	-150 -11 0 -11	*	AG	1774	8.7	.0	18.0
O. ED	*	0 -11 150 -11	*	AG	1290	3.4	.0	13.5
P. EE	*	150 -11 450 -11	*	AG	1290	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	1057	6.5	.0	9.9
R. SL	*	0 0 -7 150	*	AG	191	5.6	.0	9.9
S. WL	*	0 0 150 7	*	AG	374	7.8	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	100	7.8	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 17 1.8
2. SE3	*	21 -21 1.8
3. SW3	*	-21 -21 1.8
4. NW3	*	-21 17 1.8
5. NE7	*	25 20 1.8
6. SE7	*	25 -25 1.8
7. SW7	*	-25 -25 1.8
8. NW7	*	-25 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	A	B	C	D	E	F	G	H
	*		CONC/ LINK (PPM)									

80-seceamwpwm												
	*	*	*									
1. NE3	*	264.	*	5.9	*	.0	.0	.4	.0	.0	.3	.0
2. SE3	*	284.	*	3.9	*	.0	.7	.0	.0	.0	.0	.0
3. SW3	*	26.	*	3.3	*	.0	.0	.2	.0	.0	.3	.6
4. NW3	*	167.	*	5.1	*	.0	.4	.0	.0	.0	.3	1.0
5. NE7	*	259.	*	4.5	*	.0	.0	.3	.0	.0	.2	.0
6. SE7	*	285.	*	3.6	*	.0	.7	.0	.0	.0	.0	.3
7. SW7	*	28.	*	2.8	*	.0	.0	.2	.0	.0	.2	.4
8. NW7	*	164.	*	4.2	*	.0	.5	.0	.0	.0	.2	.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.5	4.2	.0	.2	.2	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	1.4	.0	.0	1.1	.1	.0	.3	.0	.0	.0
3. SW3	.0	.0	1.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	2.4	.0	.0	.5	.0	.0	.4	.0	.0	.0
5. NE7	.0	.3	3.0	.0	.0	.5	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	1.3	.0	.0	1.0	.0	.0	.2	.0	.0	.0
7. SW7	.0	.0	1.0	.0	.0	.8	.0	.0	.0	.0	.0	.0
8. NW7	.0	.0	1.9	.0	.0	.5	.0	.0	.4	.0	.0	.0

81-secepmwpwm

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

JOB: Sepulveda and Centinela PM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	3407	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	2073	6.5	.0	22.5
C. ND	*	11 0 11 150	*	AG	2012	3.5	.0	13.5
D. NE	*	11 150 11 450	*	AG	2012	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	1687	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	1528	6.0	.0	22.5
G. SD	*	-11 0 -11 -150	*	AG	3783	7.1	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	3783	2.5	.0	19.5
I. WF	*	450 9 150 9	*	AG	1112	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	710	7.1	.0	18.0
K. WD	*	0 9 -150 9	*	AG	2021	12.7	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	2021	2.5	.0	15.0
M. EF	*	-450 -11 -150 -11	*	AG	3040	2.5	.0	19.5
N. EA	*	-150 -11 0 -11	*	AG	2916	15.0	.0	18.0
O. ED	*	0 -11 150 -11	*	AG	1430	3.4	.0	13.5
P. EE	*	150 -11 450 -11	*	AG	1430	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	1334	9.7	.0	9.9
R. SL	*	0 0 -7 150	*	AG	159	6.0	.0	9.9
S. WL	*	0 0 150 7	*	AG	402	7.1	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	124	7.1	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 17 1.8
2. SE3	*	21 -21 1.8
3. SW3	*	-21 -21 1.8
4. NW3	*	-21 17 1.8
5. NE7	*	25 20 1.8
6. SE7	*	25 -25 1.8
7. SW7	*	-25 -25 1.8
8. NW7	*	-25 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

*	PRED	*	CONC/LINK
BRG	CONC	*	(PPM)

81-secepmwpwm													
RECEPTOR	*	(DEG)	*	(PPM)	*	A	B	C	D	E	F	G	H
	*		*		*								
1. NE3	*	259.	*	4.9	*	.0	.0	.4	.0	.0	.3	.0	.0
2. SE3	*	276.	*	6.6	*	.0	.7	.0	.0	.0	.0	.7	.0
3. SW3	*	278.	*	6.0	*	.0	.0	.0	.0	.0	.0	.0	.0
4. NW3	*	169.	*	6.7	*	.2	.4	.0	.0	.0	.3	2.3	.0
5. NE7	*	256.	*	4.3	*	.0	.0	.3	.0	.0	.3	.0	.0
6. SE7	*	280.	*	5.7	*	.0	.7	.0	.0	.0	.0	.6	.0
7. SW7	*	49.	*	4.6	*	.0	.0	.2	.0	.0	.0	1.3	.0
8. NW7	*	165.	*	5.6	*	.0	.5	.0	.0	.0	.2	1.7	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.3	2.2	.0	.1	1.5	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.2	.1	4.3	.0	.0	.5	.0	.0	.0
3. SW3	*	.0	.0	.0	.2	.1	5.6	.0	.0	.0	.0	.0	.0
4. NW3	*	.0	.0	1.5	.0	.0	1.3	.0	.0	.6	.0	.0	.0
5. NE7	*	.0	.2	1.8	.0	.0	1.6	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	.4	.2	.0	3.4	.0	.0	.4	.0	.0	.0
7. SW7	*	.0	.2	.0	.0	.0	2.3	.0	.0	.4	.0	.0	.0
8. NW7	*	.0	.0	1.2	.0	.0	1.2	.0	.0	.6	.0	.0	.0

82-cujeamwpwm

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

JOB: Culver and Jefferson AM WP WM
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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) X1 Y1 X2 Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	5 -450 5 -150	*	AG	2501	2.5	.0	15.0
B. NA	*	5 -150 5 0	*	AG	2501	9.7	.0	9.9
C. ND	*	5 0 5 150	*	AG	1991	3.5	.0	9.9
D. NE	*	5 150 5 450	*	AG	1991	2.5	.0	15.0
E. SF	*	-5 450 -5 150	*	AG	1999	2.5	.0	15.0
F. SA	*	-5 150 -5 0	*	AG	1983	9.7	.0	9.9
G. SD	*	-5 0 -5 -150	*	AG	1348	3.0	.0	9.9
H. SE	*	-5 -150 -5 -450	*	AG	1348	2.5	.0	15.0
I. WF	*	450 11 150 11	*	AG	13	2.5	.0	10.5
J. WA	*	150 11 0 11	*	AG	13	18.4	.0	13.5
K. WD	*	0 570 0 600	*	AG	648	18.4	.0	9.9
L. WE	*	0 570 0 600	*	AG	648	2.5	.0	10.5
M. EF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
N. EA	*	0 570 0 600	*	AG	0	18.4	.0	9.9
O. ED	*	0 -5 150 -5	*	AG	526	18.4	.0	9.9
P. EE	*	150 -5 450 -5	*	AG	526	2.5	.0	15.0
Q. NL	*	0 600 0 570	*	AG	0	4.3	.0	9.9
R. SL	*	0 600 0 570	*	AG	16	4.3	.0	9.9
S. WL	*	0 0 150 11	*	AG	0	18.4	.0	9.9
T. EL	*	0 600 0 570	*	AG	0	18.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X Y Z
1. NE3	*	12 17 1.8
2. SE3	*	12 -12 1.8
3. SW3	*	-12 -12 1.8
4. NW3	*	-12 17 1.8
5. NE7	*	16 20 1.8
6. SE7	*	16 -16 1.8
7. SW7	*	-16 -16 1.8
8. NW7	*	-16 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H

82-cujeamwpwm												
	*	*	*									
1. NE3	*	186.	*	3.4	*	.0	2.6	.0	.0	.0	.0	.1
2. SE3	*	316.	*	3.2	*	.0	1.6	.0	.0	.0	.8	.0
3. SW3	*	7.	*	2.8	*	.0	.0	.3	.1	.0	2.3	.0
4. NW3	*	145.	*	2.8	*	.0	1.0	.0	.0	.0	1.4	.0
5. NE7	*	189.	*	2.4	*	.0	1.8	.0	.0	.0	.0	.2
6. SE7	*	316.	*	2.5	*	.0	1.2	.0	.0	.0	.7	.0
7. SW7	*	81.	*	2.0	*	.0	.8	.0	.0	.0	.0	.2
8. NW7	*	142.	*	2.2	*	.0	.8	.0	.0	.0	1.1	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.7	.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	.3	.0	.0	.0	.0	.0
5. NE7	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0
7. SW7	*	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0
8. NW7	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0

83-cujepmwpwm

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

JOB: Culver and Jefferson PM WP WM
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	5 -450 5 -150	*	AG	1494	2.5	.0	15.0
B. NA	*	5 -150 5 0	*	AG	1494	6.0	.0	9.9
C. ND	*	5 0 5 150	*	AG	1140	2.9	.0	9.9
D. NE	*	5 150 5 450	*	AG	1140	2.5	.0	15.0
E. SF	*	-5 450 -5 150	*	AG	1266	2.5	.0	15.0
F. SA	*	-5 150 -5 0	*	AG	1250	5.6	.0	9.9
G. SD	*	-5 0 -5 -150	*	AG	2483	3.7	.0	9.9
H. SE	*	-5 -150 -5 -450	*	AG	2483	2.5	.0	15.0
I. WF	*	450 11 150 11	*	AG	1235	2.5	.0	10.5
J. WA	*	150 11 0 11	*	AG	2	8.7	.0	13.5
K. WD	*	0 570 0 600	*	AG	0	3.4	.0	9.9
L. WE	*	0 570 0 600	*	AG	0	2.5	.0	10.5
M. EF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
N. EA	*	0 570 0 600	*	AG	0	8.7	.0	9.9
O. ED	*	0 -5 150 -5	*	AG	372	3.4	.0	9.9
P. EE	*	150 -5 450 -5	*	AG	372	2.5	.0	15.0
Q. NL	*	0 600 0 570	*	AG	0	4.6	.0	9.9
R. SL	*	0 600 0 570	*	AG	16	4.6	.0	9.9
S. WL	*	0 0 150 11	*	AG	1233	18.4	.0	9.9
T. EL	*	0 600 0 570	*	AG	0	8.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	12 17 1.8
2. SE3	*	12 -12 1.8
3. SW3	*	-12 -12 1.8
4. NW3	*	-12 17 1.8
5. NE7	*	16 20 1.8
6. SE7	*	16 -16 1.8
7. SW7	*	-16 -16 1.8
8. NW7	*	-16 20 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
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83-cujepmwpwm												
	*	*	*									
1. NE3	*	186.	*	2.7	*	.0	1.1	.0	.0	.0	.0	.2
2. SE3	*	328.	*	2.1	*	.0	.5	.1	.0	.0	.4	.0
3. SW3	*	77.	*	3.2	*	.0	.3	.0	.0	.0	.5	.0
4. NW3	*	97.	*	2.1	*	.0	.0	.1	.0	.0	.4	.0
5. NE7	*	189.	*	2.1	*	.0	.8	.0	.0	.0	.4	.0
6. SE7	*	351.	*	1.7	*	.0	.0	.3	.0	.0	.3	.0
7. SW7	*	76.	*	2.6	*	.0	.3	.0	.0	.0	.4	.0
8. NW7	*	99.	*	1.8	*	.0	.0	.1	.0	.0	.3	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

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	.9	.0
2. SE3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0
3. SW3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	2.1	.0
4. NW3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0
5. NE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0
6. SE7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0
7. SW7	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	1.7	.0
8. NW7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0

84-sehoamwpwm

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

JOB: Sepulveda and Howard Hughes AM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	9 -450 9 -150	*	AG	3990	2.5	.0	24.0
B. NA	*	9 -150 9 0	*	AG	3990	9.7	.0	18.0
C. ND	*	9 0 9 150	*	AG	3171	3.1	.0	18.0
D. NE	*	9 150 9 450	*	AG	3171	2.5	.0	24.0
E. SF	*	-16 450 -16 150	*	AG	2496	2.5	.0	19.5
F. SA	*	-16 150 -16 0	*	AG	2021	4.6	.0	22.5
G. SD	*	-16 0 -16 -150	*	AG	3182	3.5	.0	13.5
H. SE	*	-16 -150 -16 -450	*	AG	3182	2.5	.0	19.5
I. WF	*	450 16 150 16	*	AG	1353	2.5	.0	10.5
J. WA	*	150 16 0 16	*	AG	192	15.0	.0	18.0
K. WD	*	0 570 0 600	*	AG	0	5.6	.0	9.9
L. WE	*	0 570 0 600	*	AG	0	2.5	.0	10.5
M. EF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
N. EA	*	0 570 0 600	*	AG	0	15.0	.0	9.9
O. ED	*	0 -7 150 -7	*	AG	1486	18.4	.0	13.5
P. EE	*	150 -7 450 -7	*	AG	1486	2.5	.0	19.5
Q. NL	*	0 600 0 570	*	AG	0	4.3	.0	9.9
R. SL	*	0 0 -11 150	*	AG	475	4.3	.0	9.9
S. WL	*	0 0 150 16	*	AG	1161	18.4	.0	13.5
T. EL	*	0 600 0 570	*	AG	0	15.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 21 1.8
2. SE3	*	21 -17 1.8
3. SW3	*	-26 -17 1.8
4. NW3	*	-26 21 1.8
5. NE7	*	25 25 1.8
6. SE7	*	25 -20 1.8
7. SW7	*	-29 -20 1.8
8. NW7	*	-29 25 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
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84-sehoamwpwm												
	*	*	*									
1. NE3	*	188.	*	5.5	*	.0	3.2	.0	.0	.0	.0	.3
2. SE3	*	312.	*	5.0	*	.0	2.0	.0	.0	.0	.3	.0
3. SW3	*	78.	*	5.5	*	.0	1.0	.0	.0	.0	.6	.0
4. NW3	*	103.	*	3.4	*	.0	.0	.3	.0	.0	.5	.0
5. NE7	*	190.	*	4.6	*	.0	2.5	.0	.0	.0	.0	.3
6. SE7	*	315.	*	4.2	*	.0	1.5	.1	.0	.0	.3	.0
7. SW7	*	76.	*	4.9	*	.0	.9	.0	.0	.0	.5	.0
8. NW7	*	104.	*	3.1	*	.0	.0	.2	.0	.0	.5	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.1	.0	.0	.0	.0	.8	.0	.0	.0	.8	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	1.9	.0	.0	.0	.7	.0
3. SW3	*	.0	.1	.0	.0	.0	.0	2.2	.0	.0	.0	1.6	.0
4. NW3	*	.0	.2	.0	.0	.0	.0	1.3	.0	.0	.0	1.1	.0
5. NE7	*	.0	.2	.0	.0	.0	.0	.8	.0	.0	.0	.8	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.7	.0
7. SW7	*	.0	.1	.0	.0	.0	.0	1.9	.0	.0	.0	1.4	.0
8. NW7	*	.0	.2	.0	.0	.0	.0	1.2	.0	.0	.0	1.0	.0

85-sehopmwpwm

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

JOB: Sepulveda and Howard Hughes PM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	9 -450 9 -150	*	AG	3960	2.5	.0	24.0
B. NA	*	9 -150 9 0	*	AG	3960	9.7	.0	18.0
C. ND	*	9 0 9 150	*	AG	3417	3.2	.0	18.0
D. NE	*	9 150 9 450	*	AG	3417	2.5	.0	24.0
E. SF	*	-16 450 -16 150	*	AG	3688	2.5	.0	19.5
F. SA	*	-16 150 -16 0	*	AG	3156	5.2	.0	22.5
G. SD	*	-16 0 -16 -150	*	AG	4109	3.5	.0	13.5
H. SE	*	-16 -150 -16 -450	*	AG	4109	2.5	.0	19.5
I. WF	*	450 16 150 16	*	AG	1100	2.5	.0	10.5
J. WA	*	150 16 0 16	*	AG	147	18.4	.0	18.0
K. WD	*	0 570 0 600	*	AG	0	9.7	.0	9.9
L. WE	*	0 570 0 600	*	AG	0	2.5	.0	10.5
M. EF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
N. EA	*	0 570 0 600	*	AG	0	18.4	.0	9.9
O. ED	*	0 -7 150 -7	*	AG	1222	18.4	.0	13.5
P. EE	*	150 -7 450 -7	*	AG	1222	2.5	.0	19.5
Q. NL	*	0 600 0 570	*	AG	0	4.3	.0	9.9
R. SL	*	0 0 -11 150	*	AG	532	4.6	.0	9.9
S. WL	*	0 0 150 16	*	AG	953	18.4	.0	13.5
T. EL	*	0 600 0 570	*	AG	0	18.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	21 21 1.8
2. SE3	*	21 -17 1.8
3. SW3	*	-26 -17 1.8
4. NW3	*	-26 21 1.8
5. NE7	*	25 25 1.8
6. SE7	*	25 -20 1.8
7. SW7	*	-29 -20 1.8
8. NW7	*	-29 25 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
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85-sehopmwpwm												
	*	*	*									
1. NE3	*	188.	*	5.3	*	.0	3.2	.0	.0	.0	.0	.3
2. SE3	*	312.	*	4.8	*	.0	2.0	.0	.0	.0	.5	.0
3. SW3	*	78.	*	5.1	*	.0	1.0	.0	.0	.0	.0	.0
4. NW3	*	103.	*	3.4	*	.0	.0	.3	.0	.0	.9	.0
5. NE7	*	191.	*	4.4	*	.0	2.5	.0	.0	.0	.1	.3
6. SE7	*	315.	*	4.0	*	.0	1.5	.1	.0	.0	.5	.0
7. SW7	*	76.	*	4.5	*	.0	.9	.0	.0	.0	.0	.0
8. NW7	*	104.	*	3.2	*	.0	.0	.3	.0	.0	.8	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.1	.0	.0	.0	.0	.7	.0	.0	.0	.7	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.0	.6	.0
3. SW3	*	.0	.1	.0	.0	.0	.0	1.8	.0	.0	.0	1.3	.0
4. NW3	*	.0	.2	.0	.0	.0	.0	1.1	.0	.0	.0	.9	.0
5. NE7	*	.0	.2	.0	.0	.0	.0	.7	.0	.0	.0	.6	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.6	.0
7. SW7	*	.0	.1	.0	.0	.0	.0	1.6	.0	.0	.0	1.2	.0
8. NW7	*	.0	.2	.0	.0	.0	.0	1.0	.0	.0	.0	.8	.0

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

JOB: I-405 SB Ramps and Jefferson AM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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) X1 Y1 X2 Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
B. NA	*	0 570 0 600	*	AG	0	11.0	.0	9.9
C. ND	*	0 570 0 600	*	AG	330	6.0	.0	9.9
D. NE	*	0 570 0 600	*	AG	330	2.5	.0	10.5
E. SF	*	-5 450 -5 150	*	AG	795	2.5	.0	10.5
F. SA	*	-5 150 -5 0	*	AG	672	18.4	.0	9.9
G. SD	*	0 570 0 600	*	AG	569	18.4	.0	9.9
H. SE	*	0 570 0 600	*	AG	569	2.5	.0	10.5
I. WF	*	450 9 150 9	*	AG	1529	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	1191	4.6	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1863	3.2	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	1863	2.5	.0	15.0
M. EF	*	-450 -14 -150 -14	*	AG	1345	2.5	.0	24.0
N. EA	*	-150 -14 0 -14	*	AG	1015	4.6	.0	18.0
O. ED	*	0 -14 150 -14	*	AG	907	2.8	.0	18.0
P. EE	*	150 -14 450 -14	*	AG	907	2.5	.0	24.0
Q. NL	*	0 600 0 570	*	AG	0	11.0	.0	9.9
R. SL	*	0 0 -5 150	*	AG	123	11.0	.0	9.9
S. WL	*	0 0 150 7	*	AG	338	4.3	.0	9.9
T. EL	*	0 600 0 570	*	AG	330	4.6	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X Y Z
1. NE3	*	5 17 1.8
2. SE3	*	5 -26 1.8
3. SW3	*	-10 -26 1.8
4. NW3	*	-10 17 1.8
5. NE7	*	9 20 1.8
6. SE7	*	9 -29 1.8
7. SW7	*	-14 -29 1.8
8. NW7	*	-14 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* * *	BRG (DEG)	* * *	PRED CONC (PPM)	A	B	C	D	E	F	G	H
				CONC/ LINK (PPM)								

86-ijeamwpwm												
	*	*	*									
1. NE3	*	264.	*	1.8	*	.0	.0	.0	.0	.0	.7	.0
2. SE3	*	354.	*	2.0	*	.0	.0	.0	.0	.0	1.4	.0
3. SW3	*	4.	*	2.5	*	.0	.0	.0	.0	.0	1.8	.0
4. NW3	*	5.	*	3.0	*	.0	.0	.0	.0	.0	2.7	.0
5. NE7	*	263.	*	1.3	*	.0	.0	.0	.0	.0	.6	.0
6. SE7	*	352.	*	1.6	*	.0	.0	.0	.0	.0	1.1	.0
7. SW7	*	6.	*	2.0	*	.0	.0	.0	.0	.0	1.4	.0
8. NW7	*	97.	*	1.6	*	.0	.0	.0	.0	.0	.7	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.1	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0
3. SW3	*	.0	.0	.1	.0	.0	.2	.0	.0	.0	.2	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
5. NE7	*	.0	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.1	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0
7. SW7	*	.0	.0	.1	.0	.0	.2	.0	.0	.0	.2	.0	.0
8. NW7	*	.0	.6	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0

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

JOB: I-405 SB Ramps and Jefferson PM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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) X1 Y1 X2 Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
B. NA	*	0 570 0 600	*	AG	0	11.0	.0	9.9
C. ND	*	0 570 0 600	*	AG	371	11.0	.0	9.9
D. NE	*	0 570 0 600	*	AG	371	2.5	.0	10.5
E. SF	*	-5 450 -5 150	*	AG	866	2.5	.0	10.5
F. SA	*	-5 150 -5 0	*	AG	702	18.4	.0	9.9
G. SD	*	0 570 0 600	*	AG	771	18.4	.0	9.9
H. SE	*	0 570 0 600	*	AG	771	2.5	.0	10.5
I. WF	*	450 9 150 9	*	AG	1391	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	821	4.3	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1523	3.1	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	1523	2.5	.0	15.0
M. EF	*	-450 -14 -150 -14	*	AG	1659	2.5	.0	24.0
N. EA	*	-150 -14 0 -14	*	AG	1288	4.6	.0	18.0
O. ED	*	0 -14 150 -14	*	AG	1251	2.8	.0	18.0
P. EE	*	150 -14 450 -14	*	AG	1251	2.5	.0	24.0
Q. NL	*	0 600 0 570	*	AG	0	11.0	.0	9.9
R. SL	*	0 0 -5 150	*	AG	164	11.0	.0	9.9
S. WL	*	0 0 150 7	*	AG	570	4.6	.0	9.9
T. EL	*	0 600 0 570	*	AG	371	4.6	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X Y Z
1. NE3	*	5 17 1.8
2. SE3	*	5 -26 1.8
3. SW3	*	-10 -26 1.8
4. NW3	*	-10 17 1.8
5. NE7	*	9 20 1.8
6. SE7	*	9 -29 1.8
7. SW7	*	-14 -29 1.8
8. NW7	*	-14 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H

87-ijepmwpwm												
	*	*	*									
1. NE3	*	352.	*	1.9	*	.0	.0	.0	.0	.0	1.4	.0
2. SE3	*	354.	*	2.2	*	.0	.0	.0	.0	.0	1.4	.0
3. SW3	*	4.	*	2.6	*	.0	.0	.0	.0	.0	1.9	.0
4. NW3	*	5.	*	3.2	*	.0	.0	.0	.0	.0	2.8	.0
5. NE7	*	262.	*	1.3	*	.0	.0	.0	.0	.0	.6	.0
6. SE7	*	352.	*	1.7	*	.0	.0	.0	.0	.0	1.1	.0
7. SW7	*	6.	*	2.1	*	.0	.0	.0	.0	.0	1.5	.0
8. NW7	*	8.	*	1.7	*	.0	.0	.0	.0	.0	1.5	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

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	.4	.0	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0
3. SW3	*	.0	.0	.1	.0	.0	.3	.0	.0	.0	.2	.0	.0
4. NW3	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
5. NE7	*	.0	.0	.4	.0	.2	.0	.0	.0	.0	.1	.0	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0
7. SW7	*	.0	.0	.1	.0	.0	.3	.0	.0	.0	.2	.0	.0
8. NW7	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0

88-lijeamwpwm

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

JOB: Lincoln and Jefferson AM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	14 -450 14 -150	*	AG	3134	2.5	.0	24.0
B. NA	*	14 -150 14 0	*	AG	3076	5.2	.0	22.5
C. ND	*	14 0 14 150	*	AG	2883	3.0	.0	18.0
D. NE	*	14 150 14 450	*	AG	2883	2.5	.0	24.0
E. SF	*	-14 450 -14 150	*	AG	3004	2.5	.0	24.0
F. SA	*	-14 150 -14 0	*	AG	2718	4.9	.0	27.0
G. SD	*	-14 0 -14 -150	*	AG	3617	3.2	.0	18.0
H. SE	*	-14 -150 -14 -450	*	AG	3617	2.5	.0	24.0
I. WF	*	450 9 150 9	*	AG	1750	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	598	9.7	.0	18.0
K. WD	*	0 9 -150 9	*	AG	648	4.3	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	648	2.5	.0	15.0
M. EF	*	-450 -11 -150 -11	*	AG	506	2.5	.0	19.5
N. EA	*	-150 -11 0 -11	*	AG	309	9.7	.0	18.0
O. ED	*	0 -11 150 -11	*	AG	1246	5.6	.0	13.5
P. EE	*	150 -11 450 -11	*	AG	1246	2.5	.0	19.5
Q. NL	*	7 -150 0 0	*	AG	58	4.3	.0	9.9
R. SL	*	-7 150 0 0	*	AG	286	4.3	.0	18.0
S. WL	*	150 7 0 0	*	AG	1152	18.4	.0	9.9
T. EL	*	-150 -7 0 0	*	AG	197	9.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	26 17 1.8
2. SE3	*	26 -21 1.8
3. SW3	*	-26 -21 1.8
4. NW3	*	-26 17 1.8
5. NE7	*	29 20 1.8
6. SE7	*	29 -25 1.8
7. SW7	*	-29 -25 1.8
8. NW7	*	-29 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	*	PRED CONC (PPM)	*	A	B	C	D	E	F	G	H
	*		*	CONC/ LINK (PPM)	*								

88-lijeamwpwm												
	*	*	*									
1. NE3	*	187.	*	3.4	*	.1	1.5	.0	.0	.0	.0	.3
2. SE3	*	348.	*	3.0	*	.0	.6	.7	.0	.2	.2	.0
3. SW3	*	77.	*	3.3	*	.0	.4	.0	.0	.0	.6	.0
4. NW3	*	97.	*	3.2	*	.0	.0	.2	.0	.0	.6	.0
5. NE7	*	189.	*	2.9	*	.0	1.2	.0	.0	.0	.0	.3
6. SE7	*	340.	*	2.5	*	.0	.4	.4	.0	.0	.4	.0
7. SW7	*	75.	*	2.9	*	.0	.4	.0	.0	.0	.5	.0
8. NW7	*	99.	*	2.9	*	.0	.0	.2	.0	.0	.6	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.3	.0	.0	.0	.0	.2	.0	.0	.0	.9	.0
2. SE3	*	.0	.2	.0	.0	.0	.0	.4	.0	.0	.0	.7	.0
3. SW3	*	.0	.3	.0	.0	.0	.2	.5	.0	.0	.0	1.3	.0
4. NW3	*	.0	.6	.0	.0	.0	.0	.1	.1	.0	.0	1.4	.0
5. NE7	*	.0	.3	.0	.0	.0	.0	.2	.0	.0	.0	.8	.0
6. SE7	*	.0	.2	.0	.0	.0	.0	.3	.0	.0	.0	.7	.0
7. SW7	*	.0	.3	.0	.0	.0	.0	.5	.0	.0	.0	1.1	.0
8. NW7	*	.0	.6	.0	.0	.0	.0	.1	.1	.0	.0	1.2	.0

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

JOB: Lincoln and Jefferson PM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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) X1 Y1 X2 Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	14 -450 14 -150	*	AG	3934	2.5	.0	24.0
B. NA	*	14 -150 14 0	*	AG	3887	6.5	.0	22.5
C. ND	*	14 0 14 150	*	AG	3558	3.2	.0	18.0
D. NE	*	14 150 14 450	*	AG	3558	2.5	.0	24.0
E. SF	*	-14 450 -14 150	*	AG	3164	2.5	.0	24.0
F. SA	*	-14 150 -14 0	*	AG	2745	4.9	.0	27.0
G. SD	*	-14 0 -14 -150	*	AG	2945	3.0	.0	18.0
H. SE	*	-14 -150 -14 -450	*	AG	2945	2.5	.0	24.0
I. WF	*	450 9 150 9	*	AG	1783	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	903	11.0	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1236	18.4	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	1236	2.5	.0	15.0
M. EF	*	-450 -11 -150 -11	*	AG	384	2.5	.0	19.5
N. EA	*	-150 -11 0 -11	*	AG	347	11.0	.0	18.0
O. ED	*	0 -11 150 -11	*	AG	1526	15.0	.0	13.5
P. EE	*	150 -11 450 -11	*	AG	1526	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	47	4.3	.0	9.9
R. SL	*	0 0 -7 150	*	AG	419	4.3	.0	18.0
S. WL	*	0 0 150 7	*	AG	880	18.4	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	37	11.0	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X Y Z
1. NE3	*	26 17 1.8
2. SE3	*	26 -21 1.8
3. SW3	*	-26 -21 1.8
4. NW3	*	-26 17 1.8
5. NE7	*	29 20 1.8
6. SE7	*	29 -25 1.8
7. SW7	*	-29 -25 1.8
8. NW7	*	-29 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H

89-lijepmwpwm												
	*	*	*									
1. NE3	*	187.	*	4.6	*	.2	2.3	.0	.0	.0	.0	.3
2. SE3	*	313.	*	4.8	*	.0	1.5	.0	.0	.0	.4	.0
3. SW3	*	79.	*	4.6	*	.0	.6	.0	.0	.0	.0	.5
4. NW3	*	113.	*	5.3	*	.0	.3	.1	.0	.0	.7	.0
5. NE7	*	189.	*	4.0	*	.0	1.8	.0	.0	.0	.0	.3
6. SE7	*	314.	*	4.1	*	.0	1.2	.0	.0	.0	.4	.0
7. SW7	*	77.	*	4.0	*	.0	.6	.0	.0	.0	.0	.4
8. NW7	*	118.	*	4.3	*	.0	.4	.0	.0	.0	.7	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.6	.0	.0	.0	.0	.7	.0	.0	.0	.7	.0
2. SE3	.0	.0	.7	.0	.0	.0	1.6	.0	.0	.0	.5	.0
3. SW3	.0	.4	.0	.0	.0	.2	2.0	.0	.0	.0	.9	.0
4. NW3	.0	.2	2.0	.0	.0	.0	1.0	.0	.0	.0	.8	.0
5. NE7	.0	.5	.0	.0	.0	.0	.7	.0	.0	.0	.6	.0
6. SE7	.0	.0	.6	.0	.0	.0	1.3	.0	.0	.0	.5	.0
7. SW7	.0	.4	.0	.0	.0	.0	1.7	.0	.0	.0	.9	.0
8. NW7	.0	.2	1.4	.0	.0	.0	.9	.0	.0	.0	.7	.0

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

JOB: Lincoln and Bluff Creek AM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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) X1 Y1 X2 Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	14 -450 14 -150	*	AG	3620	2.5	.0	24.0
B. NA	*	14 -150 14 0	*	AG	3620	7.8	.0	18.0
C. ND	*	14 0 14 150	*	AG	3131	3.1	.0	18.0
D. NE	*	14 150 14 450	*	AG	3131	2.5	.0	24.0
E. SF	*	-14 450 -14 150	*	AG	3670	2.5	.0	24.0
F. SA	*	-14 150 -14 0	*	AG	3337	5.2	.0	27.0
G. SD	*	-14 0 -14 -150	*	AG	4000	3.5	.0	18.0
H. SE	*	-14 -150 -14 -450	*	AG	4000	2.5	.0	24.0
I. WF	*	450 7 150 7	*	AG	733	2.5	.0	19.5
J. WA	*	150 7 0 7	*	AG	70	18.4	.0	13.5
K. WD	*	0 570 0 600	*	AG	0	18.4	.0	9.9
L. WE	*	0 570 0 600	*	AG	0	2.5	.0	10.5
M. EF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
N. EA	*	0 570 0 600	*	AG	0	18.4	.0	9.9
O. ED	*	0 -5 150 -5	*	AG	892	18.4	.0	9.9
P. EE	*	150 -5 450 -5	*	AG	892	2.5	.0	15.0
Q. NL	*	0 600 0 570	*	AG	0	4.3	.0	9.9
R. SL	*	0 0 -7 150	*	AG	333	4.3	.0	9.9
S. WL	*	0 0 150 11	*	AG	663	18.4	.0	13.5
T. EL	*	0 600 0 570	*	AG	0	18.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M) X Y Z
1. NE3	*	26 17 1.8
2. SE3	*	26 -12 1.8
3. SW3	*	-26 -12 1.8
4. NW3	*	-26 17 1.8
5. NE7	*	29 20 1.8
6. SE7	*	29 -16 1.8
7. SW7	*	-29 -16 1.8
8. NW7	*	-29 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* * * (DEG)	* * * PRED CONC (PPM)	A	B	C	D	E	F	G	H
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90-liblamwpwm												
	*	*	*									
1. NE3	*	188.	*	4.2	*	.0	2.5	.0	.0	.0	.0	.3
2. SE3	*	300.	*	4.1	*	.0	1.5	.0	.0	.0	.5	.0
3. SW3	*	82.	*	4.6	*	.0	.7	.0	.0	.0	.7	.0
4. NW3	*	100.	*	3.1	*	.0	.0	.2	.0	.0	.8	.0
5. NE7	*	191.	*	3.4	*	.0	1.9	.0	.0	.0	.0	.3
6. SE7	*	304.	*	3.4	*	.0	1.2	.0	.0	.0	.4	.0
7. SW7	*	79.	*	3.9	*	.0	.6	.0	.0	.0	.6	.0
8. NW7	*	102.	*	2.8	*	.0	.0	.2	.0	.0	.8	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.6	.0
2. SE3	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.6	.0
3. SW3	.0	.1	.0	.0	.0	.0	1.9	.0	.0	.0	1.2	.0
4. NW3	.0	.2	.0	.0	.0	.0	.9	.0	.0	.0	.9	.0
5. NE7	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.5	.0
6. SE7	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.5	.0
7. SW7	.0	.1	.0	.0	.0	.0	1.4	.0	.0	.0	1.1	.0
8. NW7	.0	.2	.0	.0	.0	.0	.9	.0	.0	.0	.7	.0

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

JOB: Lincoln and Bluff Creek PM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	14 -450 14 -150	*	AG	4686	2.5	.0	24.0
B. NA	*	14 -150 14 0	*	AG	4686	9.7	.0	18.0
C. ND	*	14 0 14 150	*	AG	3933	3.5	.0	18.0
D. NE	*	14 150 14 450	*	AG	3933	2.5	.0	24.0
E. SF	*	-14 450 -14 150	*	AG	2934	2.5	.0	24.0
F. SA	*	-14 150 -14 0	*	AG	2731	4.9	.0	27.0
G. SD	*	-14 0 -14 -150	*	AG	3664	3.2	.0	18.0
H. SE	*	-14 -150 -14 -450	*	AG	3664	2.5	.0	24.0
I. WF	*	450 7 150 7	*	AG	1046	2.5	.0	19.5
J. WA	*	150 7 0 7	*	AG	113	18.4	.0	13.5
K. WD	*	0 570 0 600	*	AG	0	12.7	.0	9.9
L. WE	*	0 570 0 600	*	AG	0	2.5	.0	10.5
M. EF	*	0 570 0 600	*	AG	0	2.5	.0	10.5
N. EA	*	0 570 0 600	*	AG	0	18.4	.0	9.9
O. ED	*	0 -5 150 -5	*	AG	1069	18.4	.0	9.9
P. EE	*	150 -5 450 -5	*	AG	1069	2.5	.0	15.0
Q. NL	*	0 600 0 570	*	AG	0	4.3	.0	9.9
R. SL	*	0 0 -7 150	*	AG	203	4.3	.0	9.9
S. WL	*	0 0 150 11	*	AG	933	18.4	.0	13.5
T. EL	*	0 600 0 570	*	AG	0	18.4	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	26 17 1.8
2. SE3	*	26 -12 1.8
3. SW3	*	-26 -12 1.8
4. NW3	*	-26 17 1.8
5. NE7	*	29 20 1.8
6. SE7	*	29 -16 1.8
7. SW7	*	-29 -16 1.8
8. NW7	*	-29 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

*	PRED	*	CONC/LINK
BRG	CONC	*	(PPM)

RECEPTOR	*	(DEG)	*	(PPM)	*	A	B	C	D	E	F	G	H
1. NE3	*	189.	*	5.9	*	.0	3.8	.0	.0	.0	.0	.0	.3
2. SE3	*	300.	*	5.5	*	.0	2.5	.0	.0	.0	.4	.0	.0
3. SW3	*	81.	*	5.6	*	.0	1.0	.0	.0	.0	.0	.6	.0
4. NW3	*	100.	*	3.6	*	.0	.0	.3	.0	.0	.6	.0	.0
5. NE7	*	191.	*	4.7	*	.0	2.9	.0	.0	.0	.0	.0	.3
6. SE7	*	303.	*	4.4	*	.0	2.0	.0	.0	.0	.3	.0	.0
7. SW7	*	79.	*	4.8	*	.0	1.0	.0	.0	.0	.0	.5	.0
8. NW7	*	102.	*	3.2	*	.0	.0	.3	.0	.0	.6	.0	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.1	.0	.0	.0	.0	.7	.0	.0	.0	.8	.0
2. SE3	*	.0	.0	.0	.0	.0	.0	1.7	.0	.0	.0	.8	.0
3. SW3	*	.0	.2	.0	.0	.0	.0	2.0	.0	.0	.0	1.7	.0
4. NW3	*	.0	.3	.0	.0	.0	.0	1.1	.0	.0	.0	1.2	.0
5. NE7	*	.0	.1	.0	.0	.0	.0	.6	.0	.0	.0	.7	.0
6. SE7	*	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.7	.0
7. SW7	*	.0	.2	.0	.0	.0	.0	1.7	.0	.0	.0	1.4	.0
8. NW7	*	.0	.2	.0	.0	.0	.0	1.0	.0	.0	.0	1.0	.0

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

JOB: Lincoln and Washington AM WP WM
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	11 -450 11 -150	*	AG	2813	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	2102	5.6	.0	22.5
C. ND	*	11 0 11 150	*	AG	2187	3.2	.0	13.5
D. NE	*	11 150 11 450	*	AG	2187	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	2147	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	1905	5.6	.0	22.5
G. SD	*	-11 0 -11 -150	*	AG	2669	4.1	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	2669	2.5	.0	19.5
I. WF	*	450 9 150 9	*	AG	998	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	754	7.8	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1506	12.7	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	1506	2.5	.0	15.0
M. EF	*	-450 -9 -150 -9	*	AG	2126	2.5	.0	15.0
N. EA	*	-150 -9 0 -9	*	AG	1851	11.0	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	1722	18.4	.0	9.9
P. EE	*	150 -9 450 -9	*	AG	1722	2.5	.0	15.0
Q. NL	*	0 0 7 -150	*	AG	711	5.6	.0	9.9
R. SL	*	0 0 -7 150	*	AG	242	5.2	.0	9.9
S. WL	*	0 0 150 7	*	AG	244	7.8	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	275	7.8	.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
5. NE7	*	25 20 1.8
6. SE7	*	25 -20 1.8
7. SW7	*	-25 -20 1.8
8. NW7	*	-25 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED * CONC (PPM)	*	A	B	C	D	E	F	G	H

92-liwaamwpwm												
	*	*	*									
1. NE3	*	261.	*	4.1	*	.0	.0	.4	.0	.0	.3	.0
2. SE3	*	294.	*	5.0	*	.0	.6	.0	.0	.0	.0	.2
3. SW3	*	84.	*	6.2	*	.0	.3	.0	.0	.0	.0	.6
4. NW3	*	169.	*	4.0	*	.2	.3	.0	.0	.0	.4	1.0
5. NE7	*	258.	*	3.4	*	.0	.0	.3	.0	.0	.3	.0
6. SE7	*	302.	*	4.0	*	.0	.6	.0	.0	.0	.2	.0
7. SW7	*	78.	*	4.6	*	.0	.3	.0	.0	.0	.0	.5
8. NW7	*	128.	*	3.4	*	.0	.3	.0	.0	.0	.6	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	*	.0	.3	2.0	.0	.1	.7	.0	.0	.0	.0	.0	.2
2. SE3	*	.0	.0	.8	.0	.0	.6	2.4	.0	.2	.0	.0	.1
3. SW3	*	.1	.1	.0	.0	.0	1.2	3.6	.0	.1	.0	.0	.0
4. NW3	*	.0	.0	1.2	.0	.0	.7	.0	.0	.2	.0	.0	.0
5. NE7	*	.0	.2	1.5	.0	.0	.8	.0	.0	.0	.0	.0	.2
6. SE7	*	.0	.0	.7	.0	.0	.3	1.8	.0	.1	.0	.0	.0
7. SW7	*	.0	.3	.0	.0	.0	.7	2.5	.0	.1	.0	.1	.0
8. NW7	*	.0	.0	1.2	.0	.0	.0	1.1	.0	.0	.0	.0	.0

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

JOB: Lincoln and Washington AM WP WM
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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) X1 Y1 X2 Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	11 -450 11 -150	*	AG	3008	2.5	.0	19.5
B. NA	*	11 -150 11 0	*	AG	2265	6.0	.0	22.5
C. ND	*	11 0 11 150	*	AG	2324	3.5	.0	13.5
D. NE	*	11 150 11 450	*	AG	2324	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	2393	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	2052	6.0	.0	22.5
G. SD	*	-11 0 -11 -150	*	AG	2986	5.6	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	2986	2.5	.0	19.5
I. WF	*	450 9 150 9	*	AG	1601	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	1193	7.8	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1911	18.4	.0	9.9
L. WE	*	-150 9 -450 9	*	AG	1911	2.5	.0	15.0
M. EF	*	-450 -9 -150 -9	*	AG	1989	2.5	.0	15.0
N. EA	*	-150 -9 0 -9	*	AG	1839	11.0	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	1770	18.4	.0	9.9
P. EE	*	150 -9 450 -9	*	AG	1770	2.5	.0	15.0
Q. NL	*	0 0 7 -150	*	AG	743	6.0	.0	9.9
R. SL	*	0 0 -7 150	*	AG	341	5.2	.0	9.9
S. WL	*	0 0 150 7	*	AG	408	7.8	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	150	7.8	.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
5. NE7	*	25 20 1.8
6. SE7	*	25 -20 1.8
7. SW7	*	-25 -20 1.8
8. NW7	*	-25 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H

93-liwapmwpwm

	*	*	*									
1. NE3	*	263.	*	6.0	*	.0	.0	.4	.0	.0	.4	.0
2. SE3	*	293.	*	5.8	*	.0	.7	.0	.0	.0	.0	.4
3. SW3	*	83.	*	6.8	*	.0	.4	.0	.0	.0	.0	.9
4. NW3	*	169.	*	5.5	*	.2	.3	.0	.0	.0	.4	1.5
5. NE7	*	258.	*	4.7	*	.0	.0	.4	.0	.0	.3	.0
6. SE7	*	301.	*	4.7	*	.0	.7	.0	.0	.0	.2	.2
7. SW7	*	78.	*	5.1	*	.0	.4	.0	.0	.0	.0	.7
8. NW7	*	125.	*	4.5	*	.0	.3	.0	.0	.0	.7	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.5	3.8	.0	.2	.4	.0	.0	.0	.0	.0	.0
2. SE3	*	.0	.0	1.4	.0	.0	.6	2.3	.0	.2	.0	.0	.0
3. SW3	*	.2	.2	.0	.0	.0	1.2	3.6	.0	.2	.0	.1	.0
4. NW3	*	.0	.0	2.1	.0	.0	.7	.0	.0	.2	.0	.0	.0
5. NE7	*	.0	.3	2.7	.0	.0	.8	.0	.0	.0	.0	.0	.0
6. SE7	*	.0	.0	1.2	.0	.0	.3	1.8	.0	.2	.0	.0	.0
7. SW7	*	.0	.4	.0	.0	.0	.7	2.5	.0	.1	.0	.2	.0
8. NW7	*	.0	.0	2.1	.0	.0	.0	1.1	.0	.0	.0	.1	.0

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

JOB: Sepulveda and Manchester AM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
		X1 Y1 X2 Y2						
A. NF	*	14 -450 14 -150	*	AG	2424	2.5	.0	24.0
B. NA	*	14 -150 14 0	*	AG	2225	4.9	.0	22.5
C. ND	*	14 0 14 150	*	AG	2621	3.0	.0	18.0
D. NE	*	14 150 14 450	*	AG	2621	2.5	.0	24.0
E. SF	*	-11 450 -11 150	*	AG	2852	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	2467	5.2	.0	22.5
G. SD	*	-11 0 -11 -150	*	AG	2225	3.0	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	2225	2.5	.0	19.5
I. WF	*	450 11 150 11	*	AG	1537	2.5	.0	19.5
J. WA	*	150 11 0 11	*	AG	1449	12.7	.0	18.0
K. WD	*	0 11 -150 11	*	AG	1699	11.0	.0	13.5
L. WE	*	-150 11 -450 11	*	AG	1699	2.5	.0	19.5
M. EF	*	-450 -9 -150 -9	*	AG	999	2.5	.0	15.0
N. EA	*	-150 -9 0 -9	*	AG	857	8.7	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	1267	11.0	.0	9.9
P. EE	*	150 -9 450 -9	*	AG	1267	2.5	.0	15.0
Q. NL	*	0 0 7 -150	*	AG	199	4.6	.0	9.9
R. SL	*	0 0 -7 150	*	AG	385	4.6	.0	9.9
S. WL	*	0 0 150 7	*	AG	88	8.7	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	142	8.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	* *	COORDINATES (M)
		X Y Z
1. NE3	*	26 21 1.8
2. SE3	*	26 -17 1.8
3. SW3	*	-21 -17 1.8
4. NW3	*	-21 21 1.8
5. NE7	*	29 25 1.8
6. SE7	*	29 -20 1.8
7. SW7	*	-25 -20 1.8
8. NW7	*	-25 25 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* * *	BRG (DEG)	* * *	PRED CONC (PPM)	A	B	C	D	E	F	G	H

94-semaamwpwm												
	*	*	*									
1. NE3	*	261.	*	3.9	*	.0	.0	.4	.0	.0	.3	.0
2. SE3	*	295.	*	3.2	*	.0	.6	.0	.0	.0	.2	.0
3. SW3	*	81.	*	3.4	*	.0	.3	.0	.0	.0	.0	.4
4. NW3	*	104.	*	3.5	*	.0	.0	.2	.0	.0	.7	.0
5. NE7	*	255.	*	2.8	*	.0	.0	.3	.0	.0	.3	.0
6. SE7	*	300.	*	2.6	*	.0	.5	.0	.0	.0	.2	.0
7. SW7	*	77.	*	2.9	*	.0	.3	.0	.0	.0	.0	.3
8. NW7	*	101.	*	2.9	*	.0	.0	.2	.0	.0	.6	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	1.0	1.8	.0	.0	.2	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.8	.0	.0	.1	1.3	.0	.0	.0	.0	.0
3. SW3	.1	.5	.0	.0	.0	.4	1.5	.0	.0	.0	.0	.0
4. NW3	.0	1.3	.6	.0	.0	.0	.6	.0	.0	.0	.0	.0
5. NE7	.0	.5	1.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.7	.0	.0	.0	.9	.0	.0	.0	.0	.0
7. SW7	.0	.7	.0	.0	.0	.3	1.1	.0	.0	.0	.0	.0
8. NW7	.0	1.6	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0

95-injeamwpwm

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

JOB: Inglewood and Jefferson AM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	9 -450 9 -150	*	AG	1088	2.5	.0	15.0
B. NA	*	9 -150 9 0	*	AG	375	6.5	.0	18.0
C. ND	*	9 0 9 150	*	AG	537	3.1	.0	9.9
D. NE	*	9 150 9 450	*	AG	537	2.5	.0	15.0
E. SF	*	-9 450 -9 150	*	AG	1029	2.5	.0	15.0
F. SA	*	-9 150 -9 0	*	AG	989	7.1	.0	13.5
G. SD	*	-9 0 -9 -150	*	AG	919	3.4	.0	9.9
H. SE	*	-9 -150 -9 -450	*	AG	919	2.5	.0	15.0
I. WF	*	450 9 150 9	*	AG	1571	2.5	.0	19.5
J. WA	*	150 9 0 9	*	AG	1500	6.5	.0	18.0
K. WD	*	0 9 -150 9	*	AG	2268	4.6	.0	13.5
L. WE	*	-150 9 -450 9	*	AG	2268	2.5	.0	19.5
M. EF	*	-450 -9 -150 -9	*	AG	818	2.5	.0	19.5
N. EA	*	-150 -9 0 -9	*	AG	688	6.0	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	782	3.0	.0	13.5
P. EE	*	150 -9 450 -9	*	AG	782	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	713	7.8	.0	9.9
R. SL	*	0 0 -7 150	*	AG	40	6.5	.0	9.9
S. WL	*	0 0 150 5	*	AG	71	6.0	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	130	6.0	.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
5. NE7	*	20 23 1.8
6. SE7	*	20 -23 1.8
7. SW7	*	-20 -23 1.8
8. NW7	*	-20 23 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
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95-injeamwpwm												
	*	*	*									
1. NE3	*	261.	*	2.0	*	.0	.0	.1	.0	.0	.2	.0
2. SE3	*	279.	*	1.4	*	.0	.1	.0	.0	.0	.0	.0
3. SW3	*	5.	*	1.7	*	.0	.0	.0	.0	.0	.9	.0
4. NW3	*	169.	*	2.1	*	.0	.1	.0	.0	.0	.4	.3
5. NE7	*	255.	*	1.4	*	.0	.0	.0	.0	.0	.2	.0
6. SE7	*	282.	*	1.3	*	.0	.1	.0	.0	.0	.0	.0
7. SW7	*	7.	*	1.4	*	.0	.0	.0	.0	.0	.7	.0
8. NW7	*	98.	*	1.5	*	.0	.0	.0	.0	.0	.4	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.3	1.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
2. SE3	.0	.0	.2	.2	.0	.5	.0	.0	.2	.0	.0	.0
3. SW3	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NW3	.0	.0	.6	.0	.0	.1	.0	.0	.4	.0	.0	.0
5. NE7	.0	.0	.7	.0	.0	.2	.0	.0	.0	.0	.0	.0
6. SE7	.0	.0	.3	.0	.0	.4	.0	.0	.2	.0	.0	.0
7. SW7	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0	.0	.0
8. NW7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

95-semapmwpwm

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

JOB: Sepulveda and Manchester PM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	14 -450 14 -150	*	AG	2942	2.5	.0	24.0
B. NA	*	14 -150 14 0	*	AG	2850	5.2	.0	22.5
C. ND	*	14 0 14 150	*	AG	3562	3.5	.0	13.5
D. NE	*	14 150 14 450	*	AG	3562	2.5	.0	19.5
E. SF	*	-11 450 -11 150	*	AG	3336	2.5	.0	19.5
F. SA	*	-11 150 -11 0	*	AG	2907	5.2	.0	22.5
G. SD	*	-11 0 -11 -150	*	AG	2664	3.2	.0	13.5
H. SE	*	-11 -150 -11 -450	*	AG	2664	2.5	.0	19.5
I. WF	*	450 9 150 9	*	AG	1416	2.5	.0	15.0
J. WA	*	150 9 0 9	*	AG	1321	18.4	.0	9.9
K. WD	*	0 9 -150 9	*	AG	1298	4.3	.0	13.5
L. WE	*	-150 9 -450 9	*	AG	1298	2.5	.0	19.5
M. EF	*	-450 -9 -150 -9	*	AG	1274	2.5	.0	15.0
N. EA	*	-150 -9 0 -9	*	AG	990	9.7	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	1444	18.4	.0	9.9
P. EE	*	150 -9 450 -9	*	AG	1444	2.5	.0	15.0
Q. NL	*	0 0 7 -150	*	AG	92	4.3	.0	9.9
R. SL	*	0 0 -7 150	*	AG	429	4.3	.0	9.9
S. WL	*	0 0 150 7	*	AG	95	9.7	.0	9.9
T. EL	*	0 0 -150 -7	*	AG	284	9.7	.0	9.9

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M)
	*	X Y Z
1. NE3	*	26 17 1.8
2. SE3	*	26 -17 1.8
3. SW3	*	-21 -17 1.8
4. NW3	*	-21 17 1.8
5. NE7	*	29 20 1.8
6. SE7	*	29 -20 1.8
7. SW7	*	-25 -20 1.8
8. NW7	*	-25 20 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	*	PRED CONC (PPM)	*	A	B	C	D	E	F	G	H
	*		*	CONC/ LINK (PPM)	*								

95-semapmwpwm												
	*	*	*									
1. NE3	*	187.	*	4.1	*	.1	1.4	.0	.0	.0	.0	.3
2. SE3	*	344.	*	4.4	*	.0	.4	.9	.0	.0	.5	.0
3. SW3	*	82.	*	5.3	*	.0	.4	.0	.0	.0	.5	.0
4. NW3	*	99.	*	5.2	*	.0	.0	.3	.0	.0	.8	.0
5. NE7	*	189.	*	3.4	*	.0	1.1	.0	.0	.0	.0	.2
6. SE7	*	336.	*	3.6	*	.0	.3	.6	.0	.0	.5	.0
7. SW7	*	78.	*	4.4	*	.0	.4	.0	.0	.0	.0	.4
8. NW7	*	102.	*	4.3	*	.0	.0	.3	.0	.0	.8	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	1.5	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0
2. SE3	.0	.8	.0	.0	.0	.0	1.6	.0	.0	.1	.0	.0
3. SW3	.1	.6	.0	.0	.0	.6	3.0	.0	.0	.0	.0	.0
4. NW3	.0	2.7	.3	.0	.0	.0	.8	.0	.0	.0	.0	.0
5. NE7	.0	1.2	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0
6. SE7	.0	.7	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0
7. SW7	.0	.9	.0	.0	.0	.3	2.2	.0	.0	.0	.0	.0
8. NW7	.0	2.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0

96-injepmwpwm

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

JOB: Inglewood and Jefferson PM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	9 -450 9 -150	*	AG	1208	2.5	.0	15.0
B. NA	*	9 -150 9 0	*	AG	745	7.1	.0	18.0
C. ND	*	9 0 9 150	*	AG	956	3.4	.0	9.9
D. NE	*	9 150 9 450	*	AG	956	2.5	.0	15.0
E. SF	*	-9 450 -9 150	*	AG	1060	2.5	.0	15.0
F. SA	*	-9 150 -9 0	*	AG	928	7.1	.0	13.5
G. SD	*	-9 0 -9 -150	*	AG	836	3.2	.0	9.9
H. SE	*	-9 -150 -9 -450	*	AG	836	2.5	.0	15.0
I. WF	*	450 9 150 9	*	AG	1116	2.5	.0	19.5
J. WA	*	150 9 0 9	*	AG	965	6.0	.0	18.0
K. WD	*	0 9 -150 9	*	AG	1588	3.1	.0	13.5
L. WE	*	-150 9 -450 9	*	AG	1588	2.5	.0	19.5
M. EF	*	-450 -9 -150 -9	*	AG	1509	2.5	.0	19.5
N. EA	*	-150 -9 0 -9	*	AG	1269	6.0	.0	18.0
O. ED	*	0 -9 150 -9	*	AG	1513	3.1	.0	13.5
P. EE	*	150 -9 450 -9	*	AG	1513	2.5	.0	19.5
Q. NL	*	0 0 7 -150	*	AG	463	7.1	.0	9.9
R. SL	*	0 0 -7 150	*	AG	132	7.1	.0	9.9
S. WL	*	0 0 150 5	*	AG	151	6.0	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	240	6.0	.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
5. NE7	*	20 23 1.8
6. SE7	*	20 -23 1.8
7. SW7	*	-20 -23 1.8
8. NW7	*	-20 23 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
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96-injepmwpwm												
	*	*	*									
1. NE3	*	259.	*	1.7	*	.0	.0	.2	.0	.0	.2	.0
2. SE3	*	276.	*	1.8	*	.0	.3	.0	.0	.0	.0	.0
3. SW3	*	79.	*	1.6	*	.0	.2	.0	.0	.0	.2	.0
4. NW3	*	168.	*	1.8	*	.0	.3	.0	.0	.0	.4	.3
5. NE7	*	187.	*	1.4	*	.0	.6	.0	.0	.0	.0	.1
6. SE7	*	279.	*	1.5	*	.0	.3	.0	.0	.0	.0	.0
7. SW7	*	8.	*	1.5	*	.0	.0	.0	.1	.0	.7	.0
8. NW7	*	99.	*	1.3	*	.0	.0	.0	.0	.0	.3	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.2	.5	.0	.0	.3	.0	.0	.0	.0	.0	.1
2. SE3	.0	.0	.0	.2	.0	.9	.0	.0	.1	.0	.0	.0
3. SW3	.0	.2	.0	.0	.0	.3	.5	.0	.1	.0	.0	.0
4. NW3	.0	.0	.3	.0	.0	.2	.0	.0	.3	.0	.0	.0
5. NE7	.0	.3	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0
6. SE7	.0	.0	.0	.1	.0	.7	.0	.0	.1	.0	.0	.0
7. SW7	.0	.0	.1	.0	.0	.4	.0	.0	.0	.0	.0	.0
8. NW7	.0	.6	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0

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

JOB: Sepulveda and Westchester AM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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) X1 Y1 X2 Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NF	*	9 -450 9 -150	*	AG	2080	2.5	.0	19.5
B. NA	*	9 -150 9 0	*	AG	1945	5.2	.0	18.0
C. ND	*	9 0 9 150	*	AG	2264	3.2	.0	13.5
D. NE	*	9 150 9 450	*	AG	2264	2.5	.0	19.5
E. SF	*	-9 450 -9 150	*	AG	2272	2.5	.0	19.5
F. SA	*	-9 150 -9 0	*	AG	2003	5.2	.0	18.0
G. SD	*	-9 0 -9 -150	*	AG	2106	3.0	.0	13.5
H. SE	*	-9 -150 -9 -450	*	AG	2106	2.5	.0	19.5
I. WF	*	450 7 150 7	*	AG	1350	2.5	.0	15.0
J. WA	*	150 7 0 7	*	AG	1198	12.7	.0	13.5
K. WD	*	0 7 -150 7	*	AG	1123	8.7	.0	9.9
L. WE	*	-150 7 -450 7	*	AG	1123	2.5	.0	15.0
M. EF	*	-450 -7 -150 -7	*	AG	769	2.5	.0	15.0
N. EA	*	-150 -7 0 -7	*	AG	731	8.7	.0	13.5
O. ED	*	0 -7 150 -7	*	AG	978	6.0	.0	9.9
P. EE	*	150 -7 450 -7	*	AG	978	2.5	.0	15.0
Q. NL	*	0 0 5 -150	*	AG	135	4.6	.0	9.9
R. SL	*	0 0 -5 150	*	AG	269	4.9	.0	9.9
S. WL	*	0 0 150 5	*	AG	152	8.7	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	38	8.7	.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
5. NE7	*	23 18 1.8
6. SE7	*	23 -18 1.8
7. SW7	*	-23 -18 1.8
8. NW7	*	-23 18 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	A	B	C	D	E	F	G	H

97-seweamwpwm												
	*	*	*									
1. NE3	*	261.	*	3.2	*	.0	.0	.4	.0	.0	.3	.0
2. SE3	*	348.	*	2.6	*	.0	.3	.7	.0	.0	.4	.0
3. SW3	*	79.	*	2.8	*	.0	.3	.0	.0	.0	.0	.4
4. NW3	*	96.	*	3.4	*	.0	.0	.2	.0	.0	.6	.0
5. NE7	*	189.	*	2.3	*	.0	.9	.0	.0	.0	.0	.2
6. SE7	*	341.	*	2.0	*	.0	.1	.5	.0	.0	.4	.0
7. SW7	*	77.	*	2.1	*	.0	.3	.0	.0	.0	.0	.3
8. NW7	*	98.	*	2.7	*	.0	.0	.2	.0	.0	.5	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM)											
	I	J	K	L	M	N	O	P	Q	R	S	T
1. NE3	.0	.8	1.1	.0	.0	.4	.0	.0	.0	.0	.0	.0
2. SE3	.0	.6	.0	.0	.0	.0	.4	.0	.0	.1	.0	.0
3. SW3	.0	.9	.0	.0	.0	.4	.6	.0	.0	.0	.1	.0
4. NW3	.0	2.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0
5. NE7	.0	.8	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
6. SE7	.0	.5	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
7. SW7	.0	.8	.0	.0	.0	.0	.5	.0	.0	.0	.1	.0
8. NW7	.0	1.5	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0

98-sewepmwpwm

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

JOB: Sepulveda and Westchester PM WP + Mitigation
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 321. 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)	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
	*	X1 Y1 X2 Y2	*					
A. NF	*	9 -450 9 -150	*	AG	2639	2.5	.0	19.5
B. NA	*	9 -150 9 0	*	AG	2414	5.6	.0	18.0
C. ND	*	9 0 9 150	*	AG	2906	3.7	.0	13.5
D. NE	*	9 150 9 450	*	AG	2906	2.5	.0	19.5
E. SF	*	-9 450 -9 150	*	AG	2607	2.5	.0	19.5
F. SA	*	-9 150 -9 0	*	AG	2312	5.6	.0	18.0
G. SD	*	-9 0 -9 -150	*	AG	2604	3.4	.0	13.5
H. SE	*	-9 -150 -9 -450	*	AG	2604	2.5	.0	19.5
I. WF	*	450 7 150 7	*	AG	1468	2.5	.0	15.0
J. WA	*	150 7 0 7	*	AG	1202	12.7	.0	13.5
K. WD	*	0 7 -150 7	*	AG	1086	7.1	.0	9.9
L. WE	*	-150 7 -450 7	*	AG	1086	2.5	.0	15.0
M. EF	*	-450 -7 -150 -7	*	AG	873	2.5	.0	15.0
N. EA	*	-150 -7 0 -7	*	AG	754	9.7	.0	13.5
O. ED	*	0 -7 150 -7	*	AG	991	7.1	.0	9.9
P. EE	*	150 -7 450 -7	*	AG	991	2.5	.0	15.0
Q. NL	*	0 0 5 -150	*	AG	225	4.6	.0	9.9
R. SL	*	0 0 -5 150	*	AG	295	4.6	.0	9.9
S. WL	*	0 0 150 5	*	AG	266	9.7	.0	9.9
T. EL	*	0 0 -150 -5	*	AG	119	8.7	.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
5. NE7	*	23 18 1.8
6. SE7	*	23 -18 1.8
7. SW7	*	-23 -18 1.8
8. NW7	*	-23 18 1.8

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	*	PRED CONC (PPM)	*	A	B	C	D	E	F	G	H
	*		*	CONC/ LINK (PPM)	*								

98-sewepmwpwm												
	*	*	*									
1. NE3	*	260.	*	3.3	*	.0	.0	.6	.0	.0	.4	.0
2. SE3	*	348.	*	3.2	*	.0	.4	1.0	.0	.0	.5	.0
3. SW3	*	79.	*	3.3	*	.0	.4	.0	.0	.0	.0	.0
4. NW3	*	96.	*	3.7	*	.0	.0	.3	.0	.0	.8	.0
5. NE7	*	189.	*	2.7	*	.0	1.2	.0	.0	.0	.0	.2
6. SE7	*	341.	*	2.4	*	.0	.2	.7	.0	.0	.5	.0
7. SW7	*	77.	*	2.5	*	.0	.4	.0	.0	.0	.0	.0
8. NW7	*	99.	*	3.0	*	.0	.0	.3	.0	.0	.6	.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM)											
	*												
	*	I	J	K	L	M	N	O	P	Q	R	S	T
	*												
1. NE3	*	.0	.9	.9	.0	.0	.4	.0	.0	.0	.0	.0	.1
2. SE3	*	.0	.6	.0	.0	.0	.0	.4	.0	.0	.1	.1	.0
3. SW3	*	.0	.9	.0	.0	.0	.4	.7	.0	.0	.0	.3	.0
4. NW3	*	.0	2.0	.0	.0	.0	.0	.2	.1	.0	.0	.2	.0
5. NE7	*	.0	.8	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0
6. SE7	*	.0	.5	.0	.0	.0	.0	.4	.0	.0	.0	.1	.0
7. SW7	*	.0	.8	.0	.0	.0	.0	.6	.0	.0	.0	.2	.0
8. NW7	*	.0	1.5	.0	.0	.0	.0	.3	.0	.0	.0	.2	.0

1ENV028F1.1

CALTRANS DIVISION OF
NEW TECHNOLOGY, MATERIALS AND RESEARCH

RUN DATES: ENV028F1.1 3/ 2/95
EMFAC7F1.1 3/ 2/95

EMFAC7F1.1 RATES AS OF 1/25/94
TIME RATE ADJUSTMENT BAGS 1 & 3 Playa Vista 2nd Phase Project - No Lincoln North with PV Drive Bridge - NP

YEAR: 2010	DEWPOINT: 10	% COLD STARTS	15.0	% LDA	69.0	% LDT	19.4	% MDT	6.4
INSPECTION & MAINTENANCE: YES		% HOT STARTS	5.0	% UBD	0.0	% HDG	1.2	% HDD	3.6
SEASON: WINTER		% HOT STAB	80.0			% MCY	0.5		

TABLE 1: ESTIMATED TRAVEL FRACTIONS

	LIGHT DUTY AUTOS			LIGHT DUTY TRUCKS			MED DUTY TRUCKS			URBAN BUS			HEAVY DUTY TRUCKS			MCY ALL
	NCAT	CAT	DIESEL	NCAT	CAT	DIESEL	NCAT	CAT	DIESEL	NCAT	CAT	DIESEL	NCAT	CAT	DIESEL	
% VMT	0.02	99.94	0.04	0.00	99.97	0.03	0.00	100.00	100.00	11.54	88.46	100.00	100.00			100.00
% TRIP	0.02	99.94	0.04	0.00	99.97	0.03	0.00	100.00	100.00	11.54	88.46	100.00	100.00			100.00
% VEH	0.05	99.85	0.10	0.00	99.94	0.06	0.00	100.00	100.00	12.53	87.47	100.00	100.00			100.00

TABLE 2: COMPOSITE EMISSION FACTORS

POLLUTANT NAME: CARBON MONOXIDE

IN GRAMS PER MILE

SPEED MPH	60	TEMPERATURE IN DEGREES FAHRENHEIT
IDLE*	1.03	
3	20.63	
4	16.85	
5	14.28	
6	12.40	
7	10.94	
8	9.77	
9	8.82	
10	8.02	
11	7.36	
12	6.78	
13	6.29	
14	5.87	
15	5.49	
16	5.16	
17	4.87	
18	4.61	
19	4.38	
20	4.17	
21	3.98	
22	3.80	
23	3.65	
24	3.51	
25	3.37	
26	3.24	
27	3.14	
28	3.04	
29	2.94	
30	2.86	
31	2.78	
32	2.70	
33	2.63	
34	2.56	
35	2.50	
36	2.45	
37	2.40	
38	2.35	
39	2.31	
40	2.27	

1ENV028F1.1

CALTRANS DIVISION OF
NEW TECHNOLOGY, MATERIALS AND RESEARCH

RUN DATES: ENV028F1.1 3/ 2/95
EMFAC7F1.1 3/ 2/95

EMFAC7F1.1 RATES AS OF 1/25/94

TIME RATE ADJUSTMENT BAGS 1 & 3 PV 2 wp

YEAR: 2010	DEWPOINT: 10	% COLD STARTS	16.0	% LDA	69.0	% LDT	19.4	% MDT	6.4
INSPECTION & MAINTENANCE: YES		% HOT STARTS	7.0	% UBD	0.0	% HDG	1.2	% HDD	3.6
SEASON: WINTER		% HOT STAB	77.0			% MCY	0.5		

TABLE 1: ESTIMATED TRAVEL FRACTIONS

	LIGHT DUTY AUTOS			LIGHT DUTY TRUCKS			MED DUTY TRUCKS			URBAN BUS			HEAVY DUTY TRUCKS			MCY ALL
	NCAT	CAT	DIESEL	NCAT	CAT	DIESEL	NCAT	CAT	DIESEL	NCAT	CAT	DIESEL	NCAT	CAT	DIESEL	
% VMT	0.02	99.94	0.04	0.00	99.97	0.03	0.00	100.00	100.00	11.54	88.46	100.00	100.00			100.00
% TRIP	0.02	99.94	0.04	0.00	99.97	0.03	0.00	100.00	100.00	11.54	88.46	100.00	100.00			100.00
% VEH	0.05	99.85	0.10	0.00	99.94	0.06	0.00	100.00	100.00	12.53	87.47	100.00	100.00			100.00

TABLE 2: COMPOSITE EMISSION FACTORS

POLLUTANT NAME: CARBON MONOXIDE

IN GRAMS PER MILE

SPEED
MPH 60
TEMPERATURE IN DEGREES FAHRENHEIT

IDLE*	1.07
3	21.42
4	17.44
5	14.76
6	12.79
7	11.28
8	10.07
9	9.08
10	8.26
11	7.57
12	6.98
13	6.48
14	6.03
15	5.65
16	5.31
17	5.01
18	4.74
19	4.50
20	4.29
21	4.09
22	3.91
23	3.75
24	3.60
25	3.47
26	3.33
27	3.23
28	3.12
29	3.03
30	2.94
31	2.85
32	2.77
33	2.70
34	2.63
35	2.57
36	2.51
37	2.46
38	2.41
39	2.37
40	2.33