Final
ENVIRONMENTAL IMPACT REPORT
SCH No. 1988010088

ORANGE COUNTY FAIR AND EXPOSITION CENTER MASTER PLAN
VOLUME IV - APPENDICES

AUGUST 2003

FINAL
ENVIRONMENTAL IMPACT REPORT

ORANGE COUNTY FAIR AND EXPOSITION CENTER MASTER PLAN

STATE CLEARINGHOUSE NUMBER: 1989010088

Submitted to:

32ND DISTRICT AGRICULTURAL ASSOCIATION
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August 2003

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JUNE 1989 VERSION
PAGE 1

JOB: OC Fair Existing Typical 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Harbor NBA	*	14	-150	14	0	*	AG	1827	7.9	.0	10.0
B. Harbor NBD	*	14	0	14	150	*	AG	2388	7.9	.0	10.0
C. Harbor NBL	*	9	-150	2	0	*	AG	369	7.9	.0	10.0
D. Harbor SBA	*	-14	150	-14	0	*	AG	1882	7.9	.0	10.0
E. Harbor SBD	*	-14	0	-14	-150	*	AG	1871	7.9	.0	10.0
F. Harbor SBL	*	-9	150	0	0	*	AG	178	7.9	.0	10.0
G. Adams EBA	*	-150	-12	0	-12	*	AG	856	7.9	.0	10.0
H. Adams EBD	*	0	-12	150	-12	*	AG	1021	7.9	.0	10.0
I. Adams EBL	*	-150	-9	0	0	*	AG	536	7.9	.0	10.0
J. Adams WBA	*	150	14	0	14	*	AG	714	7.9	.0	10.0
K. Adams WBD	*	0	14	-150	14	*	AG	1386	7.9	.0	10.0
L. Adams WBL	*	150	9	0	0	*	AG	304	7.9	.0	10.0
M. Harbor NBAX	*	14	-750	14	-150	*	AG	2196	7.9	.0	10.0
N. Harbor NBDX	*	14	150	14	750	*	AG	2388	7.9	.0	10.0
O. Harbor SBAX	*	-14	750	-14	150	*	AG	2060	7.9	.0	10.0
P. Harbor SBDX	*	-14	-150	-14	-750	*	AG	1871	7.9	.0	10.0
Q. Adams EBAX	*	-750	-12	-150	-12	*	AG	1392	7.9	.0	10.0

R. Adams EBDX	*	150	-12	750	-12	*	AG	1021	7.9	.0	10.0
S. Adams WBAX	*	750	14	150	14	*	AG	1018	7.9	.0	10.0
T. Adams WBDX	*	-150	14	-750	14	*	AG	1386	7.9	.0	10.0

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

JOB: OC Fair Existing Typical 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	24	-19	1.8
2. NW	*	-24	22	1.8
3. SW	*	-23	-21	1.8
4. NE	*	22	24	1.8
5. ES mdblk	*	150	-19	1.8
6. WN mdblk	*	-150	22	1.8
7. WS mdblk	*	-150	-21	1.8
8. EN mdblk	*	150	24	1.8
9. SE mdblk	*	24	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-23	-150	1.8
12. NE mdblk	*	22	150	1.8
13. ES blk	*	600	-19	1.8
14. WN blk	*	-600	22	1.8
15. WS blk	*	-600	-21	1.8
16. EN blk	*	600	24	1.8
17. SE blk	*	24	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-23	-600	1.8
20. NE blk	*	22	600	1.8

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

JOB: OC Fair Existing Typical 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	278.	3.2	.7	.0	.1	.0	.3	.0	.6	.4
2. NW	170.	3.1	.2	.0	.0	.1	1.1	.0	.2	.0
3. SW	10.	3.1	.0	.2	.0	1.2	.2	.0	.4	.0
4. NE	190.	3.1	1.1	.5	.2	.0	.2	.0	.0	.2
5. ES mdblk	277.	2.4	.1	.0	.0	.0	.0	.0	.1	1.1
6. WN mdblk	99.	2.3	.0	.0	.0	.0	.0	.0	.0	.2
7. WS mdblk	80.	2.1	.0	.1	.0	.1	.0	.0	.8	.0
8. EN mdblk	262.	1.8	.0	.1	.0	.0	.0	.0	.2	.0
9. SE mdblk	351.	2.5	1.1	.2	.2	.3	.0	.0	.0	.0
10. NW mdblk	171.	2.5	.3	.1	.0	1.2	.1	.0	.0	.0
11. SW mdblk	9.	2.6	.0	.3	.0	.1	1.3	.0	.0	.0
12. NE mdblk	189.	3.0	.1	1.7	.0	.1	.3	.0	.0	.0
13. ES blk	277.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.9	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Typical 1
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. SE	*	.2	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.4
2. NW	*	.1	.0	.6	.0	.5	.0	.0	.2	.0	.0	.0	.0
3. SW	*	.2	.0	.3	.0	.0	.5	.2	.0	.0	.0	.0	.0
4. NE	*	.0	.3	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0
5. ES mdblk	*	.1	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.2
6. WN mdblk	*	.1	.0	1.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	*	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	*	.1	.5	.1	.1	.0	.0	.0	.0	.2	.0	.0	.1
9. SE mdblk	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.3	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	1.3
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.4
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.8	.0
17. SE blk	*	.0	.0	.0	.0	1.5	.0	.0	.5	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.5	1.4	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.5	.0	.0	1.5	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.9	.5	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Typical 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	11	-150	11	0	* AG	519	6.7	.0	10.0
B. Fairview NBD	*	11	0	11	150	* AG	911	6.7	.0	10.0
C. Fairview NBL	*	5	-150	2	0	* AG	54	6.7	.0	10.0
D. Fairview SBA	*	-14	150	-14	0	* AG	586	6.7	.0	10.0
E. Fairview SBD	*	-14	0	-14	-150	* AG	580	6.7	.0	10.0
F. Fairview SBL	*	-9	150	0	0	* AG	441	6.7	.0	10.0
G. Fair EBA	*	-150	-9	0	-9	* AG	361	6.7	.0	10.0
H. Fair EBD	*	0	-9	150	-9	* AG	889	6.7	.0	10.0
I. Fair EBL	*	-150	-5	0	0	* AG	73	6.7	.0	10.0
J. Fair WBA	*	150	9	0	9	* AG	811	6.7	.0	10.0
K. Fair WBD	*	0	9	-150	9	* AG	533	6.7	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	68	6.7	.0	10.0
M. Fairview NBA	*	11	-750	11	-150	* AG	573	6.7	.0	10.0
N. Fairview NBD	*	11	150	11	750	* AG	911	6.7	.0	10.0
O. Fairview SBA	*	-14	750	-14	150	* AG	1027	6.7	.0	10.0
P. Fairview SBD	*	-14	-150	-14	-750	* AG	580	6.7	.0	10.0
Q. Fair EBAX	*	-750	-9	-150	-9	* AG	434	6.7	.0	10.0

R.	Fair EBDX	*	150	-9	750	-9	*	AG	889	6.7	.0	10.0
S.	Fair WBAX	*	750	9	150	9	*	AG	879	6.7	.0	10.0
T.	Fair WBDX	*	-150	9	-750	9	*	AG	533	6.7	.0	10.0

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

JOB: OC Fair Existing Typical 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	21	-15	1.8
2. NW	*	-24	15	1.8
3. SW	*	-22	-17	1.8
4. NE	*	19	17	1.8
5. ES mdblk	*	150	-15	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	21	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-22	-150	1.8
12. NE mdblk	*	19	150	1.8
13. ES blk	*	600	-15	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	21	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-22	-600	1.8
20. NE blk	*	19	600	1.8

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

JOB: OC Fair Existing Typical 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	351.	1.7	.0	.6	.0	.0	.0	.1	.0	.4
2. NW	97.	1.7	.0	.2	.0	.2	.0	.1	.0	.2
3. SW	83.	1.5	.1	.0	.0	.0	.2	.0	.0	.5
4. NE	262.	1.3	.0	.4	.0	.1	.0	.1	.0	.0
5. ES mdblk	279.	1.4	.0	.0	.0	.0	.0	.0	.0	.8
6. WN mdblk	96.	1.2	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	84.	1.0	.0	.0	.0	.0	.0	.0	.3	.1
8. EN mdblk	262.	1.2	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdblk	354.	1.0	.3	.1	.0	.0	.0	.0	.0	.0
10. NW mdblk	167.	1.0	.0	.1	.0	.4	.0	.2	.0	.0
11. SW mdblk	7.	1.1	.0	.1	.0	.0	.4	.0	.0	.0
12. NE mdblk	189.	1.2	.0	.7	.0	.0	.1	.1	.0	.0
13. ES blk	277.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.9	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.8	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Typical 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.2	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
2. NW	*	.0	.5	.2	.0	.0	.0	.0	.0	.0	.2	.1	.0
3. SW	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0
4. NE	*	.0	.0	.4	.0	.0	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.1	.5	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	*	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.3	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.6
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.7	.0
17. SE blk	*	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.3	.7	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.2	.0	.0	.5	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.8	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Typical 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	7	-150	7	0	* AG	2031	7.9	.0	10.0
B. Fairview NBD	*	7	0	7	150	* AG	2079	7.9	.0	10.0
C. Fairview NBL	*	2	-150	2	0	* AG	0	7.9	.0	10.0
D. Fairview SBA	*	-12	150	-12	0	* AG	1059	7.9	.0	10.0
E. Fairview SBD	*	-12	0	-12	-150	* AG	1501	7.9	.0	10.0
F. Fairview SBL	*	-9	150	0	0	* AG	591	7.9	.0	10.0
G. SRamp EBA	*	-150	-11	0	-11	* AG	442	7.9	.0	10.0
H. SRamp EBD	*	0	-11	150	-11	* AG	1168	7.9	.0	10.0
I. SRamp EBL	*	-150	-9	0	0	* AG	625	7.9	.0	10.0
J. SRamp WBA	*	150	0	0	0	* AG	0	7.9	.0	10.0
K. SRamp WBD	*	0	0	-150	0	* AG	0	7.9	.0	10.0
L. SRamp WBL	*	150	2	0	0	* AG	0	7.9	.0	10.0
M. Fairview NBA	*	7	-750	7	-150	* AG	2031	7.9	.0	10.0
N. Fairview NBD	*	7	150	7	750	* AG	2079	7.9	.0	10.0
O. Fairview SBA	*	-12	750	-12	150	* AG	1650	7.9	.0	10.0
P. Fairview SBD	*	-12	-150	-12	-750	* AG	1501	7.9	.0	10.0
Q. SRamp EBAX	*	-750	-11	-150	-11	* AG	1067	7.9	.0	10.0

R.	SRamp EBDX	*	150	-11	750	-11	*	AG	1168	7.9	.0	10.0
S.	SRamp WBAX	*	750	0	150	0	*	AG	0	7.9	.0	10.0
T.	SRamp WBDX	*	-150	0	-750	0	*	AG	0	7.9	.0	10.0

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

JOB: OC Fair Existing Typical 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-17	1.8
2. NW	*	-21	7	1.8
3. SW	*	-21	-17	1.8
4. NE	*	15	7	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	7	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	7	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-21	-150	1.8
12. NE mdblk	*	15	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	7	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	7	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-21	-600	1.8
20. NE blk	*	15	600	1.8

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

JOB: OC Fair Existing Typical 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	351.	2.9	.0	1.2	.0	.2	.0	.2	.0	.6
2. NW	172.	2.6	.3	.0	.0	.0	1.2	.0	.1	.0
3. SW	9.	2.6	.0	.3	.0	.8	.1	.3	.2	.0
4. NE	188.	2.7	1.5	.0	.0	.0	.2	.0	.0	.4
5. ES mdblk	277.	1.9	.0	.0	.0	.0	.0	.0	.0	1.2
6. WN mdblk	97.	1.2	.1	.0	.0	.0	.1	.0	.2	.2
7. WS mdblk	82.	1.6	.0	.1	.0	.0	.0	.0	.5	.1
8. EN mdblk	263.	1.0	.2	.0	.0	.0	.1	.0	.0	.4
9. SE mdblk	352.	2.3	1.2	.2	.0	.2	.2	.1	.0	.0
10. NW mdblk	171.	2.3	.3	.3	.0	.9	.1	.3	.0	.0
11. SW mdblk	8.	2.4	.2	.3	.0	.1	1.2	.1	.0	.0
12. NE mdblk	188.	2.7	.2	1.5	.0	.1	.3	.2	.0	.0
13. ES blk	276.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.9	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Typical 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0
2. NW	*	.3	.0	.0	.0	.5	.0	.0	.2	.0	.0	.0	.0
3. SW	*	.2	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.0	.0	.3	.0	.0	.4	.0	.0	.0	.0
5. ES mdblk	*	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
6. WN mdblk	*	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
7. WS mdblk	*	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0
17. SE blk	*	.0	.0	.0	.0	1.4	.0	.0	.5	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.7	1.5	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.7	.0	.0	1.4	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.7	.6	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Typical 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	9	-150	9	0	* AG	1352	9.8	.0	10.0
B. Fairview NBD	*	9	0	9	150	* AG	1794	9.8	.0	10.0
C. Fairview NBL	*	5	-150	2	0	* AG	404	9.8	.0	10.0
D. Fairview SBA	*	-9	150	-9	0	* AG	1725	9.8	.0	10.0
E. Fairview SBD	*	-9	0	-9	-150	* AG	1629	9.8	.0	10.0
F. Fairview SBL	*	-2	150	0	0	* AG	0	9.8	.0	10.0
G. NRamp EBA	*	-150	0	0	0	* AG	0	9.8	.0	10.0
H. NRamp EBD	*	0	0	150	0	* AG	0	9.8	.0	10.0
I. NRamp EBL	*	-150	-2	0	0	* AG	0	9.8	.0	10.0
J. NRamp WBA	*	150	11	0	11	* AG	442	9.8	.0	10.0
K. NRamp WBD	*	0	11	-150	11	* AG	1052	9.8	.0	10.0
L. NRamp WBL	*	150	9	0	0	* AG	552	9.8	.0	10.0
M. Fairview NBA	*	9	-750	9	-150	* AG	1756	9.8	.0	10.0
N. Fairview NBD	*	9	150	9	750	* AG	1794	9.8	.0	10.0
O. Fairview SBA	*	-9	750	-9	150	* AG	1725	9.8	.0	10.0
P. Fairview SBD	*	-9	-150	-9	-750	* AG	1629	9.8	.0	10.0
Q. NRamp EBAX	*	-750	0	-150	0	* AG	0	9.8	.0	10.0

R.	NRamp	EBDX	*	150	0	750	0	*	AG	0	9.8	.0	10.0
S.	NRamp	WBAX	*	750	11	150	11	*	AG	994	9.8	.0	10.0
T.	NRamp	WBDX	*	-150	11	-750	11	*	AG	1052	9.8	.0	10.0

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

JOB: OC Fair Existing Typical 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-7	1.8
2. NW	*	-21	17	1.8
3. SW	*	-19	-7	1.8
4. NE	*	17	17	1.8
5. ES mdblk	*	150	-7	1.8
6. WN mdblk	*	-150	17	1.8
7. WS mdblk	*	-150	-7	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-19	-150	1.8
12. NE mdblk	*	17	150	1.8
13. ES blk	*	600	-7	1.8
14. WN blk	*	-600	17	1.8
15. WS blk	*	-600	-7	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-19	-600	1.8
20. NE blk	*	17	600	1.8

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

JOB: OC Fair Existing Typical 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	3.4	.0	1.7	.0	.3	.0	.0	.0	.0
2. NW	171.	3.0	.3	.0	.2	.0	1.1	.0	.0	.0
3. SW	8.	2.9	.0	.3	.0	1.3	.0	.0	.0	.0
4. NE	188.	3.3	1.2	.2	.3	.0	.4	.0	.0	.0
5. ES mdblk	277.	1.4	.0	.2	.0	.2	.0	.0	.0	.0
6. WN mdblk	97.	2.1	.0	.0	.0	.1	.1	.0	.0	.0
7. WS mdblk	83.	1.2	.0	.2	.0	.2	.0	.0	.0	.0
8. EN mdblk	262.	1.8	.1	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	352.	3.0	1.3	.2	.3	.3	.3	.0	.0	.0
10. NW mdblk	172.	2.5	.3	.2	.1	1.1	.2	.0	.0	.0
11. SW mdblk	8.	2.7	.2	.4	.1	.2	1.2	.0	.0	.0
12. NE mdblk	188.	3.1	.2	1.7	.0	.3	.3	.0	.0	.0
13. ES blk	277.	1.1	.0	.1	.0	.0	.0	.0	.0	.0
14. WN blk	96.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	1.1	.0	.1	.0	.1	.0	.0	.0	.0
16. EN blk	264.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	3.1	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	3.1	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Typical 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.2	.0	.3	.0	.3	.5	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.7	.0	.5	.0	.0	.3	.0	.0	.0	.0
3. SW	*	.0	.0	.4	.0	.0	.6	.3	.0	.0	.0	.0	.0
4. NE	*	.0	.3	.0	.2	.3	.0	.0	.5	.0	.0	.0	.0
5. ES mdblk	*	.0	.2	.2	.4	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	*	.0	.0	1.4	.1	.0	.0	.0	.0	.0	.0	.1	.0
7. WS mdblk	*	.0	.1	.4	.1	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	*	.0	.6	.1	.5	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdblk	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0
17. SE blk	*	.0	.0	.0	.0	1.9	.0	.0	.7	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.7	1.4	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.7	.0	.0	1.5	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.9	.8	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Typical 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Van NBA	*	2	-150	2	0	* AG	59	6.7	.0	10.0
B. Van NBD	*	2	0	2	150	* AG	272	6.7	.0	10.0
C. Van NBL	*	2	-150	2	0	* AG	77	6.7	.0	10.0
D. Van SBA	*	-5	150	-5	0	* AG	78	6.7	.0	10.0
E. Van SBD	*	-5	0	-5	-150	* AG	128	6.7	.0	10.0
F. Van SBL	*	-5	150	0	0	* AG	117	6.7	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	* AG	610	6.7	.0	10.0
H. Fair EBD	*	0	-7	150	-7	* AG	685	6.7	.0	10.0
I. Fair EBL	*	-150	-5	0	0	* AG	143	6.7	.0	10.0
J. Fair WBA	*	150	9	0	9	* AG	849	6.7	.0	10.0
K. Fair WBD	*	0	9	-150	9	* AG	875	6.7	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	27	6.7	.0	10.0
M. Van NBA	*	2	-750	2	-150	* AG	136	6.7	.0	10.0
N. Van NBD	*	2	150	2	750	* AG	272	6.7	.0	10.0
O. Van SBA	*	-5	750	-5	150	* AG	195	6.7	.0	10.0
P. Van SBD	*	-5	-150	-5	-750	* AG	128	6.7	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	* AG	753	6.7	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	685	6.7	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	876	6.7	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	875	6.7	.0	10.0

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

JOB: OC Fair Existing Typical 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	8	-14	1.8
2. NW	*	-12	15	1.8
3. SW	*	-12	-14	1.8
4. NE	*	8	17	1.8
5. ES mdblk	*	150	-14	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-14	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	8	-150	1.8
10. NW mdblk	*	-12	150	1.8
11. SW mdblk	*	-12	-150	1.8
12. NE mdblk	*	8	150	1.8
13. ES blk	*	600	-14	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-14	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	8	-600	1.8
18. NW blk	*	-12	600	1.8
19. SW blk	*	-12	-600	1.8
20. NE blk	*	8	600	1.8

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

JOB: OC Fair Existing Typical 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	277.	1.3	.0	.0	.0	.0	.0	.0	.5	.0
2. NW	97.	1.5	.0	.0	.0	.0	.0	.0	.0	.1
3. SW	83.	1.3	.0	.0	.0	.0	.0	.0	.0	.6
4. NE	262.	1.3	.0	.1	.0	.0	.0	.0	.1	.0
5. ES mdblk	277.	1.3	.0	.0	.0	.0	.0	.0	.0	.6
6. WN mdblk	97.	1.4	.0	.0	.0	.0	.0	.0	.1	.1
7. WS mdblk	83.	1.3	.0	.0	.0	.0	.0	.0	.6	.0
8. EN mdblk	263.	1.2	.0	.0	.0	.0	.0	.0	.1	.1
9. SE mdblk	355.	.6	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	173.	.6	.0	.1	.0	.0	.0	.1	.0	.0
11. SW mdblk	5.	.6	.0	.0	.0	.0	.1	.0	.0	.0
12. NE mdblk	187.	.7	.0	.3	.0	.0	.0	.0	.0	.0
13. ES blk	277.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	355.	.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Typical 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.2
2. NW	*	.0	.7	.1	.0	.0	.0	.0	.0	.0	.2	.1	.0
3. SW	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0
4. NE	*	.0	.0	.6	.0	.0	.0	.0	.0	.2	.0	.0	.1
5. ES mdblk	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	*	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	*	.0	.6	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.4	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.9
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.4
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.7	.0
17. SE blk	*	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Typical 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	0	-150	0	0	*	AG	0	7.9	.0	10.0
B. Newport NBD	*	0	0	0	150	*	AG	0	7.9	.0	10.0
C. Newport NBL	*	2	-150	2	0	*	AG	0	7.9	.0	10.0
D. Newport SBA	*	-9	150	-9	0	*	AG	1525	7.9	.0	10.0
E. Newport SBD	*	-9	0	-9	-150	*	AG	918	7.9	.0	10.0
F. Newport SBL	*	-5	150	0	0	*	AG	462	7.9	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	*	AG	869	7.9	.0	10.0
H. Fair EBD	*	0	-7	150	-7	*	AG	1260	7.9	.0	10.0
I. Fair EBL	*	-150	-2	0	0	*	AG	0	7.9	.0	10.0
J. Fair WBA	*	150	7	0	7	*	AG	268	7.9	.0	10.0
K. Fair WBD	*	0	7	-150	7	*	AG	1063	7.9	.0	10.0
L. Fair WBL	*	150	5	0	0	*	AG	117	7.9	.0	10.0
M. Newport NBA	*	0	-750	0	-150	*	AG	0	7.9	.0	10.0
N. Newport NBD	*	0	150	0	750	*	AG	0	7.9	.0	10.0
O. Newport SBA	*	-9	750	-9	150	*	AG	1987	7.9	.0	10.0
P. Newport SBD	*	-9	-150	-9	-750	*	AG	918	7.9	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	*	AG	869	7.9	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	1260	7.9	.0	10.0
S. Fair WBAX	*	750	7	150	7	*	AG	385	7.9	.0	10.0
T. Fair WBDX	*	-150	7	-750	7	*	AG	1063	7.9	.0	10.0

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

JOB: OC Fair Existing Typical 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	7	-16	1.8
2. NW	*	-17	14	1.8
3. SW	*	-15	-17	1.8
4. NE	*	7	14	1.8
5. ES mdblk	*	150	-16	1.8
6. WN mdblk	*	-150	14	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	14	1.8
9. SE mdblk	*	7	-150	1.8
10. NW mdblk	*	-17	150	1.8
11. SW mdblk	*	-15	-150	1.8
12. NE mdblk	*	7	150	1.8
13. ES blk	*	600	-16	1.8
14. WN blk	*	-600	14	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	14	1.8
17. SE blk	*	7	-600	1.8
18. NW blk	*	-17	600	1.8
19. SW blk	*	-15	-600	1.8
20. NE blk	*	7	600	1.8

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

JOB: OC Fair Existing Typical 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	2.1	.0	.0	.0	.6	.0	.4	.0	.5
2. NW	99.	2.2	.0	.0	.0	.7	.0	.2	.0	.4
3. SW	6.	2.6	.0	.0	.0	1.2	.2	.2	.4	.0
4. NE	263.	2.5	.0	.0	.0	.5	.0	.2	.2	.0
5. ES mdblk	278.	1.7	.0	.0	.0	.0	.0	.0	.0	.9
6. WN mdblk	97.	2.0	.0	.0	.0	.0	.0	.0	.2	.2
7. WS mdblk	82.	1.4	.0	.0	.0	.0	.0	.0	.6	.1
8. EN mdblk	264.	1.4	.0	.0	.0	.0	.0	.0	.2	.2
9. SE mdblk	354.	1.1	.0	.0	.0	.2	.3	.0	.0	.0
10. NW mdblk	170.	1.8	.0	.0	.0	1.2	.0	.3	.0	.1
11. SW mdblk	5.	1.6	.0	.0	.0	.2	.9	.1	.0	.0
12. NE mdblk	190.	1.4	.0	.0	.0	.7	.1	.3	.0	.0
13. ES blk	277.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.8	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Typical 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
2. NW	*	.0	.3	.3	.0	.0	.0	.0	.0	.0	.3	.0	.0
3. SW	*	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0
4. NE	*	.0	.0	1.1	.0	.0	.0	.0	.0	.3	.0	.0	.2
5. ES mdblk	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	*	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.2	.0	.0
7. WS mdblk	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0
8. EN mdblk	*	.0	.3	.1	.1	.0	.0	.0	.0	.1	.0	.0	.1
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	1.3
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.5
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.5	.0
17. SE blk	*	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.0	1.7	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Typical 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	4	-150	4	0	* AG	1052	7.9	.0	10.0
B. Newport NBD	*	4	0	4	150	* AG	2217	7.9	.0	10.0
C. Newport NBL	*	2	-150	2	0	* AG	153	7.9	.0	10.0
D. Newport SBA	*	0	150	0	0	* AG	0	7.9	.0	10.0
E. Newport SBD	*	0	0	0	-150	* AG	0	7.9	.0	10.0
F. Newport SBL	*	-2	150	0	0	* AG	0	7.9	.0	10.0
G. Del EBA	*	-150	-11	0	-11	* AG	365	7.9	.0	10.0
H. Del EBD	*	0	-11	150	-11	* AG	510	7.9	.0	10.0
I. Del EBL	*	-150	-9	0	0	* AG	988	7.9	.0	10.0
J. Del WBA	*	150	7	0	7	* AG	607	7.9	.0	10.0
K. Del WBD	*	0	7	-150	7	* AG	438	7.9	.0	10.0
L. Del WBL	*	150	2	0	0	* AG	0	7.9	.0	10.0
M. Newport NBA	*	4	-750	4	-150	* AG	1205	7.9	.0	10.0
N. Newport NBD	*	4	150	4	750	* AG	2217	7.9	.0	10.0
O. Newport SBA	*	0	750	0	150	* AG	0	7.9	.0	10.0
P. Newport SBD	*	0	-150	0	-750	* AG	0	7.9	.0	10.0
Q. Del EBAX	*	-750	-11	-150	-11	* AG	1353	7.9	.0	10.0

R. Del EBDX	*	150	-11	750	-11	*	AG	510	7.9	.0	10.0
S. Del WBAX	*	750	7	150	7	*	AG	607	7.9	.0	10.0
T. Del WBDX	*	-150	7	-750	7	*	AG	438	7.9	.0	10.0

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

JOB: OC Fair Existing Typical 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	11	-17	1.8
2. NW	*	-7	15	1.8
3. SW	*	-7	-17	1.8
4. NE	*	10	17	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	11	-150	1.8
10. NW mdblk	*	-7	150	1.8
11. SW mdblk	*	-7	-150	1.8
12. NE mdblk	*	10	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	11	-600	1.8
18. NW blk	*	-7	600	1.8
19. SW blk	*	-7	-600	1.8
20. NE blk	*	10	600	1.8

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

JOB: OC Fair Existing Typical 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	354.	2.4	.1	1.5	.0	.0	.0	.0	.0	.3
2. NW	98.	1.8	.0	.9	.0	.0	.0	.0	.0	.1
3. SW	7.	2.2	.0	1.2	.0	.0	.0	.0	.2	.0
4. NE	352.	2.4	.0	2.1	.0	.0	.0	.0	.0	.0
5. ES mdblk	276.	1.4	.0	.0	.0	.0	.0	.0	.0	.6
6. WN mdblk	98.	1.2	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	79.	1.8	.0	.2	.0	.0	.0	.0	.4	.0
8. EN mdblk	264.	1.3	.0	.1	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	1.7	.9	.2	.1	.0	.0	.0	.0	.0
10. NW mdblk	172.	1.7	.1	1.3	.0	.0	.0	.0	.0	.0
11. SW mdblk	6.	1.4	.6	.3	.1	.0	.0	.0	.0	.0
12. NE mdblk	188.	2.5	.0	2.1	.0	.0	.0	.0	.0	.0
13. ES blk	276.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Typical 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.2	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
2. NW	*	.0	.5	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
3. SW	*	.3	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
5. ES mdblk	*	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
6. WN mdblk	*	.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.2	.4	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.3	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.5
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.0
17. SE blk	*	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0

ORANGE COUNTY FAIR

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

EXISTING INTERIM EVENT

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

JOB: OC Fair Existing Interim 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Harbor NBA	*	14	-150	14	0	*	AG	1575	7.9	.0	10.0
B. Harbor NBD	*	14	0	14	150	*	AG	2077	7.9	.0	10.0
C. Harbor NBL	*	9	-150	2	0	*	AG	321	7.9	.0	10.0
D. Harbor SBA	*	-14	150	-14	0	*	AG	2348	7.9	.0	10.0
E. Harbor SBD	*	-14	0	-14	-150	*	AG	2302	7.9	.0	10.0
F. Harbor SBL	*	-9	150	0	0	*	AG	145	7.9	.0	10.0
G. Adams EBA	*	-150	-12	0	-12	*	AG	773	7.9	.0	10.0
H. Adams EBD	*	0	-12	150	-12	*	AG	920	7.9	.0	10.0
I. Adams EBL	*	-150	-9	0	0	*	AG	547	7.9	.0	10.0
J. Adams WBA	*	150	14	0	14	*	AG	569	7.9	.0	10.0
K. Adams WBD	*	0	14	-150	14	*	AG	1310	7.9	.0	10.0
L. Adams WBL	*	150	9	0	0	*	AG	331	7.9	.0	10.0
M. Harbor NBAX	*	14	-750	14	-150	*	AG	1896	7.9	.0	10.0
N. Harbor NBDX	*	14	150	14	750	*	AG	2077	7.9	.0	10.0
O. Harbor SBAX	*	-14	750	-14	150	*	AG	2493	7.9	.0	10.0
P. Harbor SBDX	*	-14	-150	-14	-750	*	AG	2302	7.9	.0	10.0
Q. Adams EBAX	*	-750	-12	-150	-12	*	AG	1320	7.9	.0	10.0

R. Adams EBDX	*	150	-12	750	-12	*	AG	920	7.9	.0	10.0
S. Adams WBAX	*	750	14	150	14	*	AG	900	7.9	.0	10.0
T. Adams WBDX	*	-150	14	-750	14	*	AG	1310	7.9	.0	10.0

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

JOB: OC Fair Existing Interim 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	24	-19	1.8
2. NW	*	-24	22	1.8
3. SW	*	-23	-21	1.8
4. NE	*	22	24	1.8
5. ES mdblk	*	150	-19	1.8
6. WN mdblk	*	-150	22	1.8
7. WS mdblk	*	-150	-21	1.8
8. EN mdblk	*	150	24	1.8
9. SE mdblk	*	24	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-23	-150	1.8
12. NE mdblk	*	22	150	1.8
13. ES blk	*	600	-19	1.8
14. WN blk	*	-600	22	1.8
15. WS blk	*	-600	-21	1.8
16. EN blk	*	600	24	1.8
17. SE blk	*	24	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-23	-600	1.8
20. NE blk	*	22	600	1.8

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

JOB: OC Fair Existing Interim 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	278.	3.0	.6	.0	.0	.0	.4	.0	.6	.4
2. NW	170.	3.2	.2	.0	.0	.1	1.3	.0	.2	.0
3. SW	10.	3.3	.0	.2	.0	1.4	.2	.0	.4	.0
4. NE	261.	3.0	.0	.9	.0	.4	.0	.0	.0	.0
5. ES mdblk	277.	2.3	.0	.0	.0	.1	.0	.0	.0	1.0
6. WN mdblk	99.	2.2	.0	.0	.0	.1	.1	.0	.0	.2
7. WS mdblk	80.	2.0	.0	.1	.0	.1	.0	.0	.7	.0
8. EN mdblk	262.	1.7	.0	.1	.0	.1	.0	.0	.1	.0
9. SE mdblk	350.	2.4	1.0	.1	.2	.3	.1	.0	.0	.0
10. NW mdblk	171.	2.6	.3	.0	.0	1.4	.2	.0	.0	.0
11. SW mdblk	9.	2.8	.0	.3	.0	.2	1.5	.0	.0	.0
12. NE mdblk	189.	2.8	.1	1.5	.0	.1	.3	.0	.0	.0
13. ES blk	277.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.8	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Interim 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	.2	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.4
2. NW	.1	.0	.6	.0	.4	.0	.0	.2	.0	.0	.0	.0
3. SW	.2	.0	.3	.0	.0	.5	.2	.0	.0	.0	.0	.0
4. NE	.1	.0	.8	.0	.0	.0	.0	.0	.4	.0	.0	.2
5. ES mdblk	.1	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.2
6. WN mdblk	.1	.0	1.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	.1	.4	.1	.1	.0	.0	.0	.0	.2	.0	.0	.1
9. SE mdblk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.3	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	1.2
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.4
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.8	.0
17. SE blk	.0	.0	.0	.0	1.4	.0	.0	.5	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.5	1.7	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.5	.0	.0	1.7	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.7	.6	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Interim 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	11	-150	11	0	* AG	475	7.9	.0	10.0
B. Fairview NBD	*	11	0	11	150	* AG	1025	7.9	.0	10.0
C. Fairview NBL	*	5	-150	2	0	* AG	60	7.9	.0	10.0
D. Fairview SBA	*	-14	150	-14	0	* AG	504	7.9	.0	10.0
E. Fairview SBD	*	-14	0	-14	-150	* AG	498	7.9	.0	10.0
F. Fairview SBL	*	-9	150	0	0	* AG	440	7.9	.0	10.0
G. Fair EBA	*	-150	-9	0	-9	* AG	292	7.9	.0	10.0
H. Fair EBD	*	0	-9	150	-9	* AG	791	7.9	.0	10.0
I. Fair EBL	*	-150	-5	0	0	* AG	85	7.9	.0	10.0
J. Fair WBA	*	150	9	0	9	* AG	907	7.9	.0	10.0
K. Fair WBD	*	0	9	-150	9	* AG	491	7.9	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	42	7.9	.0	10.0
M. Fairview NBA	*	11	-750	11	-150	* AG	535	7.9	.0	10.0
N. Fairview NBD	*	11	150	11	750	* AG	1025	7.9	.0	10.0
O. Fairview SBA	*	-14	750	-14	150	* AG	944	7.9	.0	10.0
P. Fairview SBD	*	-14	-150	-14	-750	* AG	498	7.9	.0	10.0
Q. Fair EBAX	*	-750	-9	-150	-9	* AG	377	7.9	.0	10.0

R. Fair EBDX	*	150	-9	750	-9	*	AG	791	7.9	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	949	7.9	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	491	7.9	.0	10.0

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

JOB: OC Fair Existing Interim 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	21	-15	1.8
2. NW	*	-24	15	1.8
3. SW	*	-22	-17	1.8
4. NE	*	19	17	1.8
5. ES mdblk	*	150	-15	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	21	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-22	-150	1.8
12. NE mdblk	*	19	150	1.8
13. ES blk	*	600	-15	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	21	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-22	-600	1.8
20. NE blk	*	19	600	1.8

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

JOB: OC Fair Existing Interim 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	351.	2.0	.0	.7	.0	.0	.0	.1	.0	.4
2. NW	97.	2.0	.0	.2	.0	.2	.0	.1	.0	.2
3. SW	83.	1.6	.1	.0	.0	.0	.2	.0	.0	.6
4. NE	262.	1.6	.0	.5	.0	.1	.0	.1	.0	.0
5. ES mdblk	279.	1.6	.0	.0	.0	.0	.0	.0	.0	.9
6. WN mdblk	96.	1.4	.0	.0	.0	.0	.0	.0	.0	.2
7. WS mdblk	84.	1.1	.0	.0	.0	.0	.0	.0	.3	.1
8. EN mdblk	262.	1.4	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdblk	354.	1.2	.3	.2	.0	.0	.0	.0	.0	.0
10. NW mdblk	165.	1.2	.0	.2	.0	.4	.0	.3	.0	.0
11. SW mdblk	7.	1.3	.0	.2	.0	.0	.4	.1	.0	.0
12. NE mdblk	189.	1.5	.0	.9	.0	.0	.1	.1	.0	.0
13. ES blk	277.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.9	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.5	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Interim 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.2	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
2. NW	*	.0	.7	.2	.0	.0	.0	.0	.0	.0	.2	.2	.0
3. SW	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0
4. NE	*	.0	.0	.4	.0	.0	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	*	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.1	.5	.0	.0	.0	.0	.0	.0	.1	.1	.0
7. WS mdblk	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0
8. EN mdblk	*	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.4	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.7
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.9	.0
17. SE blk	*	.0	.0	.0	.0	.5	.0	.0	.2	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.3	.8	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.2	.0	.0	.5	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.0	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Interim 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	7	-150	7	0	*	AG	1618	7.9	.0	10.0
B. Fairview NBD	*	7	0	7	150	*	AG	1575	7.9	.0	10.0
C. Fairview NBL	*	2	-150	2	0	*	AG	0	7.9	.0	10.0
D. Fairview SBA	*	-12	150	-12	0	*	AG	1190	7.9	.0	10.0
E. Fairview SBD	*	-12	0	-12	-150	*	AG	1667	7.9	.0	10.0
F. Fairview SBL	*	-9	150	0	0	*	AG	527	7.9	.0	10.0
G. SRamp EBA	*	-150	-11	0	-11	*	AG	477	7.9	.0	10.0
H. SRamp EBD	*	0	-11	150	-11	*	AG	1127	7.9	.0	10.0
I. SRamp EBL	*	-150	-9	0	0	*	AG	557	7.9	.0	10.0
J. SRamp WBA	*	150	0	0	0	*	AG	0	7.9	.0	10.0
K. SRamp WBD	*	0	0	-150	0	*	AG	0	7.9	.0	10.0
L. SRamp WBL	*	150	2	0	0	*	AG	0	7.9	.0	10.0
M. Fairview NBA	*	7	-750	7	-150	*	AG	1618	7.9	.0	10.0
N. Fairview NBD	*	7	150	7	750	*	AG	1575	7.9	.0	10.0
O. Fairview SBA	*	-12	750	-12	150	*	AG	1717	7.9	.0	10.0
P. Fairview SBD	*	-12	-150	-12	-750	*	AG	1667	7.9	.0	10.0
Q. SRamp EBAX	*	-750	-11	-150	-11	*	AG	1034	7.9	.0	10.0

R. SRamp EBDX	*	150	-11	750	-11	*	AG	1127	7.9	.0	10.0
S. SRamp WBAX	*	750	0	150	0	*	AG	0	7.9	.0	10.0
T. SRamp WBDX	*	-150	0	-750	0	*	AG	0	7.9	.0	10.0

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

JOB: OC Fair Existing Interim 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-17	1.8
2. NW	*	-21	7	1.8
3. SW	*	-21	-17	1.8
4. NE	*	15	7	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	7	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	7	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-21	-150	1.8
12. NE mdblk	*	15	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	7	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	7	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-21	-600	1.8
20. NE blk	*	15	600	1.8

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

JOB: OC Fair Existing Interim 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	351.	2.6	.0	1.0	.0	.2	.0	.2	.0	.6
2. NW	172.	2.6	.2	.0	.0	.0	1.3	.0	.2	.0
3. SW	8.	2.5	.0	.2	.0	.9	.1	.2	.2	.0
4. NE	188.	2.5	1.2	.0	.0	.0	.2	.0	.0	.3
5. ES mdblk	277.	1.8	.0	.0	.0	.0	.0	.0	.0	1.2
6. WN mdblk	97.	1.1	.1	.0	.0	.0	.1	.0	.2	.2
7. WS mdblk	83.	1.5	.0	.0	.0	.0	.0	.0	.5	.1
8. EN mdblk	263.	1.0	.1	.0	.0	.0	.1	.0	.0	.4
9. SE mdblk	352.	2.1	1.0	.2	.0	.2	.2	.1	.0	.0
10. NW mdblk	171.	2.3	.3	.2	.0	1.0	.1	.3	.0	.0
11. SW mdblk	8.	2.4	.2	.3	.0	.1	1.3	.1	.0	.0
12. NE mdblk	188.	2.4	.1	1.2	.0	.2	.3	.2	.0	.0
13. ES blk	276.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.9	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Interim 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0
2. NW	.3	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
3. SW	.2	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0
5. ES mdblk	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
6. WN mdblk	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0
17. SE blk	.0	.0	.0	.0	1.2	.0	.0	.5	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.6	1.5	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.6	.0	.0	1.5	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.4	.6	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Interim 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	9	-150	9	0	* AG	1387	7.9	.0	10.0
B. Fairview NBD	*	9	0	9	150	* AG	1941	7.9	.0	10.0
C. Fairview NBL	*	5	-150	2	0	* AG	332	7.9	.0	10.0
D. Fairview SBA	*	-9	150	-9	0	* AG	1736	7.9	.0	10.0
E. Fairview SBD	*	-9	0	-9	-150	* AG	1732	7.9	.0	10.0
F. Fairview SBL	*	-2	150	0	0	* AG	0	7.9	.0	10.0
G. NRamp EBA	*	-150	0	0	0	* AG	0	7.9	.0	10.0
H. NRamp EBD	*	0	0	150	0	* AG	0	7.9	.0	10.0
I. NRamp EBL	*	-150	-2	0	0	* AG	0	7.9	.0	10.0
J. NRamp WBA	*	150	11	0	11	* AG	554	7.9	.0	10.0
K. NRamp WBD	*	0	11	-150	11	* AG	879	7.9	.0	10.0
L. NRamp WBL	*	150	9	0	0	* AG	543	7.9	.0	10.0
M. Fairview NBA	*	9	-750	9	-150	* AG	1719	7.9	.0	10.0
N. Fairview NBD	*	9	150	9	750	* AG	1941	7.9	.0	10.0
O. Fairview SBA	*	-9	750	-9	150	* AG	1736	7.9	.0	10.0
P. Fairview SBD	*	-9	-150	-9	-750	* AG	1732	7.9	.0	10.0
Q. NRamp EBAX	*	-750	0	-150	0	* AG	0	7.9	.0	10.0

R.	NRamp EBDX	*	150	0	750	0	*	AG	0	7.9	.0	10.0
S.	NRamp WBAX	*	750	11	150	11	*	AG	1097	7.9	.0	10.0
T.	NRamp WBDX	*	-150	11	-750	11	*	AG	879	7.9	.0	10.0

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

JOB: OC Fair Existing Interim 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-7	1.8
2. NW	*	-21	17	1.8
3. SW	*	-19	-7	1.8
4. NE	*	17	17	1.8
5. ES mdblk	*	150	-7	1.8
6. WN mdblk	*	-150	17	1.8
7. WS mdblk	*	-150	-7	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-19	-150	1.8
12. NE mdblk	*	17	150	1.8
13. ES blk	*	600	-7	1.8
14. WN blk	*	-600	17	1.8
15. WS blk	*	-600	-7	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-19	-600	1.8
20. NE blk	*	17	600	1.8

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

JOB: OC Fair Existing Interim 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	2.9	.0	1.4	.0	.3	.0	.0	.0	.0
2. NW	171.	2.4	.2	.0	.1	.0	1.0	.0	.0	.0
3. SW	8.	2.3	.0	.2	.0	1.1	.0	.0	.0	.0
4. NE	189.	2.8	1.0	.2	.2	.0	.3	.0	.0	.0
5. ES mdblk	278.	1.1	.0	.2	.0	.1	.0	.0	.0	.0
6. WN mdblk	96.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	1.0	.0	.1	.0	.1	.0	.0	.0	.0
8. EN mdblk	262.	1.6	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	352.	2.4	1.1	.2	.2	.3	.2	.0	.0	.0
10. NW mdblk	172.	2.1	.2	.2	.0	.9	.2	.0	.0	.0
11. SW mdblk	8.	2.3	.2	.3	.0	.2	1.0	.0	.0	.0
12. NE mdblk	188.	2.6	.1	1.4	.0	.2	.3	.0	.0	.0
13. ES blk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Interim 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.2	.0	.3	.0	.3	.4	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.4	.0	.4	.0	.0	.2	.0	.0	.0	.0
3. SW	*	.0	.0	.3	.0	.0	.5	.3	.0	.0	.0	.0	.0
4. NE	*	.0	.3	.0	.2	.2	.0	.0	.4	.0	.0	.0	.0
5. ES mdblk	*	.0	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	*	.0	.0	.9	.1	.0	.0	.0	.0	.0	.0	.1	.0
7. WS mdblk	*	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	*	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0
17. SE blk	*	.0	.0	.0	.0	1.5	.0	.0	.6	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.6	1.1	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.6	.0	.0	1.3	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.7	.6	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Interim 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Van NBA	*	2	-150	2	0	* AG	126	6.7	.0	10.0
B. Van NBD	*	2	0	2	150	* AG	617	6.7	.0	10.0
C. Van NBL	*	2	-150	2	0	* AG	88	6.7	.0	10.0
D. Van SBA	*	-5	150	-5	0	* AG	41	6.7	.0	10.0
E. Van SBD	*	-5	0	-5	-150	* AG	176	6.7	.0	10.0
F. Van SBL	*	-5	150	0	0	* AG	66	6.7	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	* AG	580	6.7	.0	10.0
H. Fair EBD	*	0	-7	150	-7	* AG	639	6.7	.0	10.0
I. Fair EBL	*	-150	-5	0	0	* AG	187	6.7	.0	10.0
J. Fair WBA	*	150	9	0	9	* AG	1169	6.7	.0	10.0
K. Fair WBD	*	0	9	-150	9	* AG	892	6.7	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	67	6.7	.0	10.0
M. Van NBA	*	2	-750	2	-150	* AG	214	6.7	.0	10.0
N. Van NBD	*	2	150	2	750	* AG	617	6.7	.0	10.0
O. Van SBA	*	-5	750	-5	150	* AG	107	6.7	.0	10.0
P. Van SBD	*	-5	-150	-5	-750	* AG	176	6.7	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	* AG	767	6.7	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	639	6.7	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	1236	6.7	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	892	6.7	.0	10.0

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

JOB: OC Fair Existing Interim 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	8	-14	1.8
2. NW	*	-12	15	1.8
3. SW	*	-12	-14	1.8
4. NE	*	8	17	1.8
5. ES mdblk	*	150	-14	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-14	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	8	-150	1.8
10. NW mdblk	*	-12	150	1.8
11. SW mdblk	*	-12	-150	1.8
12. NE mdblk	*	8	150	1.8
13. ES blk	*	600	-14	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-14	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	8	-600	1.8
18. NW blk	*	-12	600	1.8
19. SW blk	*	-12	-600	1.8
20. NE blk	*	8	600	1.8

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

JOB: OC Fair Existing Interim 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	277.	1.3	.0	.0	.0	.0	.0	.0	.5	.0
2. NW	97.	1.8	.0	.2	.0	.0	.0	.0	.0	.1
3. SW	82.	1.4	.0	.0	.0	.0	.0	.0	.0	.5
4. NE	262.	1.5	.0	.3	.0	.0	.0	.0	.1	.0
5. ES mdblk	277.	1.3	.0	.0	.0	.0	.0	.0	.0	.6
6. WN mdblk	97.	1.5	.0	.0	.0	.0	.0	.0	.1	.1
7. WS mdblk	83.	1.4	.0	.0	.0	.0	.0	.0	.6	.0
8. EN mdblk	262.	1.4	.0	.0	.0	.0	.0	.0	.1	.1
9. SE mdblk	355.	.7	.1	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.7	.0	.3	.0	.0	.0	.0	.0	.0
11. SW mdblk	6.	.7	.0	.1	.0	.0	.2	.0	.0	.0
12. NE mdblk	187.	1.0	.0	.6	.0	.0	.0	.0	.0	.0
13. ES blk	277.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	355.	.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.9	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Interim 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	.1	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.2
2. NW	.0	.9	.1	.0	.0	.0	.0	.0	.0	.2	.2	.0
3. SW	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
4. NE	.0	.0	.6	.0	.0	.0	.0	.0	.2	.0	.0	.1
5. ES mdblk	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	.0	.1	.8	.0	.0	.0	.0	.0	.0	.0	.1	.0
7. WS mdblk	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.5	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.9
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.4
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.0	.0
17. SE blk	.0	.0	.0	.0	.3	.0	.0	.1	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Interim 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	0	-150	0	0	*	AG	0	7.9	.0	10.0
B. Newport NBD	*	0	0	0	150	*	AG	0	7.9	.0	10.0
C. Newport NBL	*	2	-150	2	0	*	AG	0	7.9	.0	10.0
D. Newport SBA	*	-9	150	-9	0	*	AG	1767	7.9	.0	10.0
E. Newport SBD	*	-9	0	-9	-150	*	AG	953	7.9	.0	10.0
F. Newport SBL	*	-5	150	0	0	*	AG	612	7.9	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	*	AG	798	7.9	.0	10.0
H. Fair EBD	*	0	-7	150	-7	*	AG	1368	7.9	.0	10.0
I. Fair EBL	*	-150	-2	0	0	*	AG	0	7.9	.0	10.0
J. Fair WBA	*	150	7	0	7	*	AG	312	7.9	.0	10.0
K. Fair WBD	*	0	7	-150	7	*	AG	1255	7.9	.0	10.0
L. Fair WBL	*	150	5	0	0	*	AG	87	7.9	.0	10.0
M. Newport NBA	*	0	-750	0	-150	*	AG	0	7.9	.0	10.0
N. Newport NBD	*	0	150	0	750	*	AG	0	7.9	.0	10.0
O. Newport SBA	*	-9	750	-9	150	*	AG	2379	7.9	.0	10.0
P. Newport SBD	*	-9	-150	-9	-750	*	AG	953	7.9	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	*	AG	798	7.9	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	1368	7.9	.0	10.0
S. Fair WBAX	*	750	7	150	7	*	AG	399	7.9	.0	10.0
T. Fair WBDX	*	-150	7	-750	7	*	AG	1255	7.9	.0	10.0

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

JOB: OC Fair Existing Interim 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	7	-16	1.8
2. NW	*	-17	14	1.8
3. SW	*	-15	-17	1.8
4. NE	*	7	14	1.8
5. ES mdblk	*	150	-16	1.8
6. WN mdblk	*	-150	14	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	14	1.8
9. SE mdblk	*	7	-150	1.8
10. NW mdblk	*	-17	150	1.8
11. SW mdblk	*	-15	-150	1.8
12. NE mdblk	*	7	150	1.8
13. ES blk	*	600	-16	1.8
14. WN blk	*	-600	14	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	14	1.8
17. SE blk	*	7	-600	1.8
18. NW blk	*	-17	600	1.8
19. SW blk	*	-15	-600	1.8
20. NE blk	*	7	600	1.8

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

JOB: OC Fair Existing Interim 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	2.4	.0	.0	.0	.7	.0	.6	.0	.6
2. NW	100.	2.5	.0	.0	.0	.8	.0	.2	.0	.5
3. SW	6.	2.8	.0	.0	.0	1.3	.2	.3	.3	.0
4. NE	263.	2.8	.0	.0	.0	.6	.0	.3	.2	.0
5. ES mdblk	278.	1.8	.0	.0	.0	.1	.0	.0	.0	1.0
6. WN mdblk	97.	2.2	.0	.0	.0	.0	.0	.0	.2	.2
7. WS mdblk	82.	1.4	.0	.0	.0	.1	.0	.0	.6	.1
8. EN mdblk	264.	1.5	.0	.0	.0	.0	.0	.0	.2	.3
9. SE mdblk	354.	1.2	.0	.0	.0	.3	.3	.0	.0	.0
10. NW mdblk	170.	2.1	.0	.0	.0	1.4	.0	.4	.0	.1
11. SW mdblk	5.	1.7	.0	.0	.0	.2	.9	.1	.0	.0
12. NE mdblk	191.	1.5	.0	.0	.0	.8	.0	.4	.0	.0
13. ES blk	277.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.9	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.4	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Interim 6
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. SE	*	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0
2. NW	*	.0	.3	.4	.0	.0	.0	.0	.0	.0	.2	.0	.0
3. SW	*	.0	.0	.3	.0	.0	.0	.4	.0	.0	.0	.0	.0
4. NE	*	.0	.0	1.2	.0	.0	.0	.0	.0	.3	.0	.0	.2
5. ES mdblk	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	*	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.2	.0	.0
7. WS mdblk	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0
8. EN mdblk	*	.0	.4	.2	.0	.0	.0	.0	.0	.1	.0	.0	.1
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	1.5
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.5
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.5	.0
17. SE blk	*	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.0	1.9	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Interim 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	4	-150	4	0	* AG	891	7.9	.0	10.0
B. Newport NBD	*	4	0	4	150	* AG	2088	7.9	.0	10.0
C. Newport NBL	*	2	-150	2	0	* AG	191	7.9	.0	10.0
D. Newport SBA	*	0	150	0	0	* AG	0	7.9	.0	10.0
E. Newport SBD	*	0	0	0	-150	* AG	0	7.9	.0	10.0
F. Newport SBL	*	-2	150	0	0	* AG	0	7.9	.0	10.0
G. Del EBA	*	-150	-11	0	-11	* AG	328	7.9	.0	10.0
H. Del EBD	*	0	-11	150	-11	* AG	428	7.9	.0	10.0
I. Del EBL	*	-150	-9	0	0	* AG	984	7.9	.0	10.0
J. Del WBA	*	150	7	0	7	* AG	528	7.9	.0	10.0
K. Del WBD	*	0	7	-150	7	* AG	406	7.9	.0	10.0
L. Del WBL	*	150	2	0	0	* AG	0	7.9	.0	10.0
M. Newport NBA	*	4	-750	4	-150	* AG	1082	7.9	.0	10.0
N. Newport NBD	*	4	150	4	750	* AG	2088	7.9	.0	10.0
O. Newport SBA	*	0	750	0	150	* AG	0	7.9	.0	10.0
P. Newport SBD	*	0	-150	0	-750	* AG	0	7.9	.0	10.0
Q. Del EBAX	*	-750	-11	-150	-11	* AG	1312	7.9	.0	10.0

R. Del EBDX	*	150	-11	750	-11	*	AG	428	7.9	.0	10.0
S. Del WBAX	*	750	7	150	7	*	AG	528	7.9	.0	10.0
T. Del WBDX	*	-150	7	-750	7	*	AG	406	7.9	.0	10.0

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

JOB: OC Fair Existing Interim 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	11	-17	1.8
2. NW	*	-7	15	1.8
3. SW	*	-7	-17	1.8
4. NE	*	10	17	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	11	-150	1.8
10. NW mdblk	*	-7	150	1.8
11. SW mdblk	*	-7	-150	1.8
12. NE mdblk	*	10	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	11	-600	1.8
18. NW blk	*	-7	600	1.8
19. SW blk	*	-7	-600	1.8
20. NE blk	*	10	600	1.8

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

JOB: OC Fair Existing Interim 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	354.	2.2	.0	1.4	.0	.0	.0	.0	.0	.2
2. NW	97.	1.7	.0	.8	.0	.0	.0	.0	.0	.0
3. SW	7.	2.1	.0	1.2	.0	.0	.0	.0	.2	.0
4. NE	260.	2.2	.0	1.1	.0	.0	.0	.0	.0	.0
5. ES mdblk	276.	1.3	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	99.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	79.	1.7	.0	.2	.0	.0	.0	.0	.4	.0
8. EN mdblk	264.	1.2	.0	.1	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	1.5	.8	.2	.2	.0	.0	.0	.0	.0
10. NW mdblk	172.	1.6	.1	1.2	.0	.0	.0	.0	.0	.0
11. SW mdblk	6.	1.3	.5	.3	.2	.0	.0	.0	.0	.0
12. NE mdblk	188.	2.4	.0	2.0	.0	.0	.0	.0	.0	.0
13. ES blk	276.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.5	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Interim 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.1	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
2. NW	*	.0	.5	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
3. SW	*	.3	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
4. NE	*	.3	.0	.3	.0	.0	.0	.0	.0	.3	.0	.0	.0
5. ES mdblk	*	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
6. WN mdblk	*	.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.2	.3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.4
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.0
17. SE blk	*	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0

ORANGE COUNTY FAIR

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

EXISTING FAIR EVENT

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

JOB: OC Fair Existing Fair 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Harbor NBA	*	14	-150	14	0	* AG	1828	7.9	.0	10.0
B. Harbor NBD	*	14	0	14	150	* AG	2250	7.9	.0	10.0
C. Harbor NBL	*	9	-150	2	0	* AG	301	7.9	.0	10.0
D. Harbor SBA	*	-14	150	-14	0	* AG	2260	7.9	.0	10.0
E. Harbor SBD	*	-14	0	-14	-150	* AG	2184	7.9	.0	10.0
F. Harbor SBL	*	-9	150	0	0	* AG	126	7.9	.0	10.0
G. Adams EBA	*	-150	-12	0	-12	* AG	753	7.9	.0	10.0
H. Adams EBD	*	0	-12	150	-12	* AG	947	7.9	.0	10.0
I. Adams EBL	*	-150	-9	0	0	* AG	516	7.9	.0	10.0
J. Adams WBA	*	150	14	0	14	* AG	571	7.9	.0	10.0
K. Adams WBD	*	0	14	-150	14	* AG	1223	7.9	.0	10.0
L. Adams WBL	*	150	9	0	0	* AG	249	7.9	.0	10.0
M. Harbor NBAX	*	14	-750	14	-150	* AG	2129	7.9	.0	10.0
N. Harbor NBDX	*	14	150	14	750	* AG	2250	7.9	.0	10.0
O. Harbor SBAX	*	-14	750	-14	150	* AG	2386	7.9	.0	10.0
P. Harbor SBDX	*	-14	-150	-14	-750	* AG	2184	7.9	.0	10.0
Q. Adams EBAX	*	-750	-12	-150	-12	* AG	1269	7.9	.0	10.0

R. Adams EBDX	*	150	-12	750	-12	*	AG	947	7.9	.0	10.0
S. Adams WBAX	*	750	14	150	14	*	AG	820	7.9	.0	10.0
T. Adams WBDX	*	-150	14	-750	14	*	AG	1223	7.9	.0	10.0

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

JOB: OC Fair Existing Fair 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	24	-19	1.8
2. NW	*	-24	22	1.8
3. SW	*	-23	-21	1.8
4. NE	*	22	24	1.8
5. ES mdblk	*	150	-19	1.8
6. WN mdblk	*	-150	22	1.8
7. WS mdblk	*	-150	-21	1.8
8. EN mdblk	*	150	24	1.8
9. SE mdblk	*	24	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-23	-150	1.8
12. NE mdblk	*	22	150	1.8
13. ES blk	*	600	-19	1.8
14. WN blk	*	-600	22	1.8
15. WS blk	*	-600	-21	1.8
16. EN blk	*	600	24	1.8
17. SE blk	*	24	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-23	-600	1.8
20. NE blk	*	22	600	1.8

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

JOB: OC Fair Existing Fair 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	278.	3.0	.7	.0	.0	.0	.4	.0	.6	.4
2. NW	170.	3.1	.2	.0	.0	.1	1.2	.0	.2	.0
3. SW	10.	3.2	.0	.2	.0	1.3	.2	.0	.3	.0
4. NE	190.	3.0	1.1	.4	.1	.0	.2	.0	.0	.2
5. ES mdblk	277.	2.3	.1	.0	.0	.1	.0	.0	.0	1.0
6. WN mdblk	99.	2.1	.0	.0	.0	.1	.0	.0	.0	.2
7. WS mdblk	80.	1.9	.0	.1	.0	.1	.0	.0	.7	.0
8. EN mdblk	262.	1.7	.0	.1	.0	.1	.0	.0	.1	.0
9. SE mdblk	350.	2.5	1.2	.1	.1	.3	.1	.0	.0	.0
10. NW mdblk	171.	2.6	.3	.0	.0	1.3	.2	.0	.0	.0
11. SW mdblk	9.	2.7	.0	.3	.0	.2	1.4	.0	.0	.0
12. NE mdblk	189.	2.9	.1	1.6	.0	.1	.3	.0	.0	.0
13. ES blk	277.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.9	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Fair 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	.2	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.3
2. NW	.1	.0	.6	.0	.5	.0	.0	.2	.0	.0	.0	.0
3. SW	.2	.0	.3	.0	.0	.5	.2	.0	.0	.0	.0	.0
4. NE	.0	.2	.0	.0	.2	.0	.0	.5	.0	.0	.0	.0
5. ES mdblk	.1	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.2
6. WN mdblk	.1	.0	1.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	.1	.4	.1	.0	.0	.0	.0	.0	.2	.0	.0	.1
9. SE mdblk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.3	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	1.1
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.4
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.7	.0
17. SE blk	.0	.0	.0	.0	1.5	.0	.0	.5	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.5	1.6	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.5	.0	.0	1.6	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.8	.6	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Fair 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	11	-150	11	0	*	AG	423	6.7	.0	10.0
B. Fairview NBD	*	11	0	11	150	*	AG	692	6.7	.0	10.0
C. Fairview NBL	*	5	-150	2	0	*	AG	79	6.7	.0	10.0
D. Fairview SBA	*	-14	150	-14	0	*	AG	453	6.7	.0	10.0
E. Fairview SBD	*	-14	0	-14	-150	*	AG	430	6.7	.0	10.0
F. Fairview SBL	*	-9	150	0	0	*	AG	583	6.7	.0	10.0
G. Fair EBA	*	-150	-9	0	-9	*	AG	301	6.7	.0	10.0
H. Fair EBD	*	0	-9	150	-9	*	AG	912	6.7	.0	10.0
I. Fair EBL	*	-150	-5	0	0	*	AG	75	6.7	.0	10.0
J. Fair WBA	*	150	9	0	9	*	AG	452	6.7	.0	10.0
K. Fair WBD	*	0	9	-150	9	*	AG	361	6.7	.0	10.0
L. Fair WBL	*	150	5	0	0	*	AG	29	6.7	.0	10.0
M. Fairview NBA	*	11	-750	11	-150	*	AG	502	6.7	.0	10.0
N. Fairview NBD	*	11	150	11	750	*	AG	692	6.7	.0	10.0
O. Fairview SBA	*	-14	750	-14	150	*	AG	1036	6.7	.0	10.0
P. Fairview SBD	*	-14	-150	-14	-750	*	AG	430	6.7	.0	10.0
Q. Fair EBAX	*	-750	-9	-150	-9	*	AG	376	6.7	.0	10.0

R. Fair EBDX	*	150	-9	750	-9	*	AG	912	6.7	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	481	6.7	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	361	6.7	.0	10.0

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

JOB: OC Fair Existing Fair 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	21	-15	1.8
2. NW	*	-24	15	1.8
3. SW	*	-22	-17	1.8
4. NE	*	19	17	1.8
5. ES mdblk	*	150	-15	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	21	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-22	-150	1.8
12. NE mdblk	*	19	150	1.8
13. ES blk	*	600	-15	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	21	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-22	-600	1.8
20. NE blk	*	19	600	1.8

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

JOB: OC Fair Existing Fair 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	350.	1.5	.0	.4	.0	.0	.0	.1	.0	.4
2. NW	97.	1.4	.0	.1	.0	.2	.0	.1	.0	.2
3. SW	84.	1.3	.0	.0	.0	.0	.2	.0	.0	.5
4. NE	262.	1.1	.0	.3	.0	.0	.0	.1	.0	.0
5. ES mdblk	278.	1.3	.0	.0	.0	.0	.0	.0	.0	.9
6. WN mdblk	96.	1.0	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	84.	.8	.0	.0	.0	.0	.0	.0	.2	.1
8. EN mdblk	262.	.9	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdblk	354.	.9	.2	.1	.0	.0	.0	.1	.0	.0
10. NW mdblk	8.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	7.	.9	.0	.1	.0	.0	.3	.1	.0	.0
12. NE mdblk	189.	1.0	.0	.5	.0	.0	.0	.1	.0	.0
13. ES blk	277.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.8	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.7	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	.8	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.1	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Fair 2
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. SE	*	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. NW	*	.0	.3	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0
3. SW	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
4. NE	*	.0	.0	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.4	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
8. EN mdblk	*	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.2	.7	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.4
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.1
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.0
17. SE blk	*	.0	.0	.0	.0	.4	.0	.0	.1	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.2	.7	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.6	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Fair 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	7	-150	7	0	*	AG	1424	7.9	.0	10.0
B. Fairview NBD	*	7	0	7	150	*	AG	1539	7.9	.0	10.0
C. Fairview NBL	*	2	-150	2	0	*	AG	0	7.9	.0	10.0
D. Fairview SBA	*	-12	150	-12	0	*	AG	1311	7.9	.0	10.0
E. Fairview SBD	*	-12	0	-12	-150	*	AG	1849	7.9	.0	10.0
F. Fairview SBL	*	-9	150	0	0	*	AG	478	7.9	.0	10.0
G. SRamp EBA	*	-150	-11	0	-11	*	AG	538	7.9	.0	10.0
H. SRamp EBD	*	0	-11	150	-11	*	AG	923	7.9	.0	10.0
I. SRamp EBL	*	-150	-9	0	0	*	AG	560	7.9	.0	10.0
J. SRamp WBA	*	150	0	0	0	*	AG	0	7.9	.0	10.0
K. SRamp WBD	*	0	0	-150	0	*	AG	0	7.9	.0	10.0
L. SRamp WBL	*	150	2	0	0	*	AG	0	7.9	.0	10.0
M. Fairview NBA	*	7	-750	7	-150	*	AG	1424	7.9	.0	10.0
N. Fairview NBD	*	7	150	7	750	*	AG	1539	7.9	.0	10.0
O. Fairview SBA	*	-12	750	-12	150	*	AG	1789	7.9	.0	10.0
P. Fairview SBD	*	-12	-150	-12	-750	*	AG	1849	7.9	.0	10.0
Q. SRamp EBAX	*	-750	-11	-150	-11	*	AG	1098	7.9	.0	10.0

R. SRamp EBDX	*	150	-11	750	-11	*	AG	923	7.9	.0	10.0
S. SRamp WBAX	*	750	0	150	0	*	AG	0	7.9	.0	10.0
T. SRamp WBDX	*	-150	0	-750	0	*	AG	0	7.9	.0	10.0

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

JOB: OC Fair Existing Fair 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-17	1.8
2. NW	*	-21	7	1.8
3. SW	*	-21	-17	1.8
4. NE	*	15	7	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	7	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	7	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-21	-150	1.8
12. NE mdblk	*	15	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	7	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	7	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-21	-600	1.8
20. NE blk	*	15	600	1.8

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

JOB: OC Fair Existing Fair 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	351.	2.5	.0	1.0	.0	.2	.0	.2	.0	.5
2. NW	172.	2.7	.2	.0	.0	.0	1.4	.0	.2	.0
3. SW	9.	2.6	.0	.3	.0	1.0	.2	.2	.3	.0
4. NE	188.	2.3	1.1	.0	.0	.0	.2	.0	.0	.3
5. ES mdblk	276.	1.6	.0	.0	.0	.0	.0	.0	.0	1.0
6. WN mdblk	97.	1.1	.1	.0	.0	.0	.1	.0	.2	.2
7. WS mdblk	81.	1.6	.0	.1	.0	.0	.0	.0	.6	.0
8. EN mdblk	264.	1.0	.1	.0	.0	.0	.1	.0	.1	.3
9. SE mdblk	352.	2.0	.9	.2	.0	.2	.2	.0	.0	.0
10. NW mdblk	172.	2.3	.3	.2	.0	1.1	.2	.2	.0	.0
11. SW mdblk	8.	2.5	.2	.3	.0	.1	1.4	.0	.0	.0
12. NE mdblk	188.	2.4	.1	1.2	.0	.2	.3	.2	.0	.0
13. ES blk	276.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.9	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.8	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Fair 3
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.	SE	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0
2.	NW	.3	.0	.0	.0	.4	.0	.0	.3	.0	.0	.0	.0
3.	SW	.2	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0
4.	NE	.0	.0	.0	.0	.2	.0	.0	.5	.0	.0	.0	.0
5.	ES mdblk	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
6.	WN mdblk	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
7.	WS mdblk	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8.	EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
9.	SE mdblk	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10.	NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11.	SW mdblk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12.	NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13.	ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0
14.	WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0
15.	WS blk	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0
16.	EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0
17.	SE blk	.0	.0	.0	.0	1.1	.0	.0	.6	.0	.0	.0	.0
18.	NW blk	.0	.0	.0	.0	.0	.6	1.6	.0	.0	.0	.0	.0
19.	SW blk	.0	.0	.0	.0	.5	.0	.0	1.6	.0	.0	.0	.0
20.	NE blk	.0	.0	.0	.0	.0	1.4	.6	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Fair 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	9	-150	9	0	* AG	1219	7.9	.0	10.0
B. Fairview NBD	*	9	0	9	150	* AG	1792	7.9	.0	10.0
C. Fairview NBL	*	5	-150	2	0	* AG	322	7.9	.0	10.0
D. Fairview SBA	*	-9	150	-9	0	* AG	1821	7.9	.0	10.0
E. Fairview SBD	*	-9	0	-9	-150	* AG	1784	7.9	.0	10.0
F. Fairview SBL	*	-2	150	0	0	* AG	0	7.9	.0	10.0
G. NRamp EBA	*	-150	0	0	0	* AG	0	7.9	.0	10.0
H. NRamp EBD	*	0	0	150	0	* AG	0	7.9	.0	10.0
I. NRamp EBL	*	-150	-2	0	0	* AG	0	7.9	.0	10.0
J. NRamp WBA	*	150	11	0	11	* AG	573	7.9	.0	10.0
K. NRamp WBD	*	0	11	-150	11	* AG	844	7.9	.0	10.0
L. NRamp WBL	*	150	9	0	0	* AG	485	7.9	.0	10.0
M. Fairview NBA	*	9	-750	9	-150	* AG	1541	7.9	.0	10.0
N. Fairview NBD	*	9	150	9	750	* AG	1792	7.9	.0	10.0
O. Fairview SBA	*	-9	750	-9	150	* AG	1821	7.9	.0	10.0
P. Fairview SBD	*	-9	-150	-9	-750	* AG	1784	7.9	.0	10.0
Q. NRamp EBAX	*	-750	0	-150	0	* AG	0	7.9	.0	10.0

R.	NRamp EBDX	*	150	0	750	0	*	AG	0	7.9	.0	10.0
S.	NRamp WBAX	*	750	11	150	11	*	AG	1058	7.9	.0	10.0
T.	NRamp WBDX	*	-150	11	-750	11	*	AG	844	7.9	.0	10.0

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

JOB: OC Fair Existing Fair 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-7	1.8
2. NW	*	-21	17	1.8
3. SW	*	-19	-7	1.8
4. NE	*	17	17	1.8
5. ES mdblk	*	150	-7	1.8
6. WN mdblk	*	-150	17	1.8
7. WS mdblk	*	-150	-7	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-19	-150	1.8
12. NE mdblk	*	17	150	1.8
13. ES blk	*	600	-7	1.8
14. WN blk	*	-600	17	1.8
15. WS blk	*	-600	-7	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-19	-600	1.8
20. NE blk	*	17	600	1.8

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

JOB: OC Fair Existing Fair 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	2.8	.0	1.4	.0	.3	.0	.0	.0	.0
2. NW	171.	2.3	.2	.0	.1	.0	1.0	.0	.0	.0
3. SW	8.	2.3	.0	.2	.0	1.1	.0	.0	.0	.0
4. NE	189.	2.6	.9	.2	.2	.0	.3	.0	.0	.0
5. ES mdblk	278.	1.1	.0	.1	.0	.1	.0	.0	.0	.0
6. WN mdblk	96.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	1.0	.0	.1	.0	.1	.0	.0	.0	.0
8. EN mdblk	262.	1.5	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	352.	2.3	1.0	.2	.2	.3	.3	.0	.0	.0
10. NW mdblk	172.	2.0	.2	.2	.0	.9	.2	.0	.0	.0
11. SW mdblk	8.	2.2	.2	.3	.0	.2	1.1	.0	.0	.0
12. NE mdblk	188.	2.5	.1	1.3	.0	.3	.3	.0	.0	.0
13. ES blk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.5	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Fair 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.2	.0	.2	.0	.3	.5	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.4	.0	.4	.0	.0	.2	.0	.0	.0	.0
3. SW	*	.0	.0	.3	.0	.0	.5	.3	.0	.0	.0	.0	.0
4. NE	*	.0	.3	.0	.2	.2	.0	.0	.4	.0	.0	.0	.0
5. ES mdblk	*	.0	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.9	.1	.0	.0	.0	.0	.0	.0	.1	.0
7. WS mdblk	*	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	*	.0	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0
17. SE blk	*	.0	.0	.0	.0	1.4	.0	.0	.6	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.6	1.2	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.6	.0	.0	1.3	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.6	.6	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Fair 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Van NBA	*	2	-150	2	0	* AG	26	6.7	.0	10.0
B. Van NBD	*	2	0	2	150	* AG	106	6.7	.0	10.0
C. Van NBL	*	2	-150	2	0	* AG	22	6.7	.0	10.0
D. Van SBA	*	-5	150	-5	0	* AG	80	6.7	.0	10.0
E. Van SBD	*	-5	0	-5	-150	* AG	591	6.7	.0	10.0
F. Van SBL	*	-5	150	0	0	* AG	56	6.7	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	* AG	517	6.7	.0	10.0
H. Fair EBD	*	0	-7	150	-7	* AG	438	6.7	.0	10.0
I. Fair EBL	*	-150	-5	0	0	* AG	48	6.7	.0	10.0
J. Fair WBA	*	150	9	0	9	* AG	496	6.7	.0	10.0
K. Fair WBD	*	0	9	-150	9	* AG	535	6.7	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	425	6.7	.0	10.0
M. Van NBA	*	2	-750	2	-150	* AG	48	6.7	.0	10.0
N. Van NBD	*	2	150	2	750	* AG	106	6.7	.0	10.0
O. Van SBA	*	-5	750	-5	150	* AG	136	6.7	.0	10.0
P. Van SBD	*	-5	-150	-5	-750	* AG	591	6.7	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	* AG	565	6.7	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	438	6.7	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	921	6.7	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	535	6.7	.0	10.0

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

JOB: OC Fair Existing Fair 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	8	-14	1.8
2. NW	*	-12	15	1.8
3. SW	*	-12	-14	1.8
4. NE	*	8	17	1.8
5. ES mdblk	*	150	-14	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-14	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	8	-150	1.8
10. NW mdblk	*	-12	150	1.8
11. SW mdblk	*	-12	-150	1.8
12. NE mdblk	*	8	150	1.8
13. ES blk	*	600	-14	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-14	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	8	-600	1.8
18. NW blk	*	-12	600	1.8
19. SW blk	*	-12	-600	1.8
20. NE blk	*	8	600	1.8

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

JOB: OC Fair Existing Fair 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	277.	1.1	.0	.0	.0	.0	.2	.0	.5	.0
2. NW	97.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	82.	1.3	.0	.0	.0	.0	.3	.0	.0	.4
4. NE	187.	.9	.0	.0	.0	.0	.3	.0	.0	.0
5. ES mdblk	277.	1.0	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	96.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	1.1	.0	.0	.0	.0	.0	.0	.5	.0
8. EN mdblk	262.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	.5	.0	.0	.0	.0	.3	.0	.0	.0
10. NW mdblk	175.	.5	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	8.	.8	.0	.0	.0	.0	.6	.0	.0	.0
12. NE mdblk	185.	.5	.0	.1	.0	.0	.1	.0	.0	.0
13. ES blk	277.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.8	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	185.	.4	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Fair 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.2
2. NW	*	.0	.4	.0	.2	.0	.0	.0	.0	.0	.1	.1	.0
3. SW	*	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0
4. NE	*	.0	.2	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	*	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.4	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.6
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8	.0
17. SE blk	*	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Fair 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	0	-150	0	0	* AG	0	6.7	.0	10.0
B. Newport NBD	*	0	0	0	150	* AG	0	6.7	.0	10.0
C. Newport NBL	*	2	-150	2	0	* AG	0	6.7	.0	10.0
D. Newport SBA	*	-9	150	-9	0	* AG	1041	6.7	.0	10.0
E. Newport SBD	*	-9	0	-9	-150	* AG	837	6.7	.0	10.0
F. Newport SBL	*	-5	150	0	0	* AG	263	6.7	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	* AG	513	6.7	.0	10.0
H. Fair EBD	*	0	-7	150	-7	* AG	752	6.7	.0	10.0
I. Fair EBL	*	-150	-2	0	0	* AG	0	6.7	.0	10.0
J. Fair WBA	*	150	7	0	7	* AG	257	6.7	.0	10.0
K. Fair WBD	*	0	7	-150	7	* AG	613	6.7	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	128	6.7	.0	10.0
M. Newport NBA	*	0	-750	0	-150	* AG	0	6.7	.0	10.0
N. Newport NBD	*	0	150	0	750	* AG	0	6.7	.0	10.0
O. Newport SBA	*	-9	750	-9	150	* AG	1304	6.7	.0	10.0
P. Newport SBD	*	-9	-150	-9	-750	* AG	837	6.7	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	* AG	513	6.7	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	752	6.7	.0	10.0
S. Fair WBAX	*	750	7	150	7	*	AG	385	6.7	.0	10.0
T. Fair WBDX	*	-150	7	-750	7	*	AG	613	6.7	.0	10.0

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

JOB: OC Fair Existing Fair 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	7	-16	1.8
2. NW	*	-17	14	1.8
3. SW	*	-15	-17	1.8
4. NE	*	7	14	1.8
5. ES mdblk	*	150	-16	1.8
6. WN mdblk	*	-150	14	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	14	1.8
9. SE mdblk	*	7	-150	1.8
10. NW mdblk	*	-17	150	1.8
11. SW mdblk	*	-15	-150	1.8
12. NE mdblk	*	7	150	1.8
13. ES blk	*	600	-16	1.8
14. WN blk	*	-600	14	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	14	1.8
17. SE blk	*	7	-600	1.8
18. NW blk	*	-17	600	1.8
19. SW blk	*	-15	-600	1.8
20. NE blk	*	7	600	1.8

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

JOB: OC Fair Existing Fair 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	353.	1.2	.0	.0	.0	.4	.0	.2	.0	.3
2. NW	98.	1.4	.0	.0	.0	.4	.0	.0	.0	.2
3. SW	6.	1.6	.0	.0	.0	.7	.2	.1	.2	.0
4. NE	263.	1.4	.0	.0	.0	.3	.0	.1	.1	.0
5. ES mdblk	278.	1.0	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	97.	1.1	.0	.0	.0	.0	.0	.0	.1	.1
7. WS mdblk	83.	.8	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	263.	.9	.0	.0	.0	.0	.0	.0	.0	.2
9. SE mdblk	354.	.7	.0	.0	.0	.2	.3	.0	.0	.0
10. NW mdblk	172.	1.1	.0	.0	.0	.7	.0	.1	.0	.0
11. SW mdblk	5.	1.2	.0	.0	.0	.1	.7	.0	.0	.0
12. NE mdblk	188.	.8	.0	.0	.0	.4	.1	.2	.0	.0
13. ES blk	277.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.8	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Fair 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
2. NW	*	.0	.2	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0
3. SW	*	.0	.0	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.6	.0	.0	.0	.0	.0	.2	.0	.0	.1
5. ES mdblk	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.7
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.0
17. SE blk	*	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Fair 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	4	-150	4	0	* AG	910	6.7	.0	10.0
B. Newport NBD	*	4	0	4	150	* AG	1580	6.7	.0	10.0
C. Newport NBL	*	2	-150	2	0	* AG	166	6.7	.0	10.0
D. Newport SBA	*	0	150	0	0	* AG	0	6.7	.0	10.0
E. Newport SBD	*	0	0	0	-150	* AG	0	6.7	.0	10.0
F. Newport SBL	*	-2	150	0	0	* AG	0	6.7	.0	10.0
G. Del EBA	*	-150	-11	0	-11	* AG	276	6.7	.0	10.0
H. Del EBD	*	0	-11	150	-11	* AG	359	6.7	.0	10.0
I. Del EBL	*	-150	-9	0	0	* AG	490	6.7	.0	10.0
J. Del WBA	*	150	7	0	7	* AG	482	6.7	.0	10.0
K. Del WBD	*	0	7	-150	7	* AG	385	6.7	.0	10.0
L. Del WBL	*	150	2	0	0	* AG	0	6.7	.0	10.0
M. Newport NBA	*	4	-750	4	-150	* AG	1076	6.7	.0	10.0
N. Newport NBD	*	4	150	4	750	* AG	1580	6.7	.0	10.0
O. Newport SBA	*	0	750	0	150	* AG	0	6.7	.0	10.0
P. Newport SBD	*	0	-150	0	-750	* AG	0	6.7	.0	10.0
Q. Del EBAX	*	-750	-11	-150	-11	* AG	766	6.7	.0	10.0

R. Del EBDX	*	150	-11	750	-11	*	AG	359	6.7	.0	10.0
S. Del WBAX	*	750	7	150	7	*	AG	482	6.7	.0	10.0
T. Del WBDX	*	-150	7	-750	7	*	AG	385	6.7	.0	10.0

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

JOB: OC Fair Existing Fair 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	11	-17	1.8
2. NW	*	-7	15	1.8
3. SW	*	-7	-17	1.8
4. NE	*	10	17	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	11	-150	1.8
10. NW mdblk	*	-7	150	1.8
11. SW mdblk	*	-7	-150	1.8
12. NE mdblk	*	10	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	11	-600	1.8
18. NW blk	*	-7	600	1.8
19. SW blk	*	-7	-600	1.8
20. NE blk	*	10	600	1.8

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

JOB: OC Fair Existing Fair 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	354.	1.6	.0	1.0	.0	.0	.0	.0	.0	.2
2. NW	173.	1.2	.5	.0	.1	.0	.0	.0	.0	.0
3. SW	7.	1.4	.0	.8	.0	.0	.0	.0	.1	.0
4. NE	188.	1.5	.7	.4	.1	.0	.0	.0	.0	.0
5. ES mdblk	276.	.9	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	98.	.8	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	81.	1.0	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	264.	.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	1.2	.7	.2	.1	.0	.0	.0	.0	.0
10. NW mdblk	172.	1.1	.0	.8	.0	.0	.0	.0	.0	.0
11. SW mdblk	6.	1.0	.5	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	187.	1.7	.0	1.3	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.8	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.8	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.7	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.9	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.7	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Fair 7
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. SE	*	.0	.1	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
2. NW	*	.1	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0
3. SW	*	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NE	*	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.4
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0
17. SE blk	*	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0

ORANGE COUNTY FAIR

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

EXISTING TYPICAL EVENT PLUS MASTER PLAN

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

JOB: OC Fair Existing Typical + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Harbor NBA	*	14	-150	14	0	* AG	1827	7.9	.0	10.0
B. Harbor NBD	*	14	0	14	150	* AG	2388	7.9	.0	10.0
C. Harbor NBL	*	9	-150	2	0	* AG	369	7.9	.0	10.0
D. Harbor SBA	*	-14	150	-14	0	* AG	1882	7.9	.0	10.0
E. Harbor SBD	*	-14	0	-14	-150	* AG	1871	7.9	.0	10.0
F. Harbor SBL	*	-9	150	0	0	* AG	178	7.9	.0	10.0
G. Adams EBA	*	-150	-12	0	-12	* AG	856	7.9	.0	10.0
H. Adams EBD	*	0	-12	150	-12	* AG	1021	7.9	.0	10.0
I. Adams EBL	*	-150	-9	0	0	* AG	536	7.9	.0	10.0
J. Adams WBA	*	150	14	0	14	* AG	714	7.9	.0	10.0
K. Adams WBD	*	0	14	-150	14	* AG	1386	7.9	.0	10.0
L. Adams WBL	*	150	9	0	0	* AG	304	7.9	.0	10.0
M. Harbor NBAX	*	14	-750	14	-150	* AG	2196	7.9	.0	10.0
N. Harbor NBDX	*	14	150	14	750	* AG	2388	7.9	.0	10.0
O. Harbor SBAX	*	-14	750	-14	150	* AG	2060	7.9	.0	10.0
P. Harbor SBDX	*	-14	-150	-14	-750	* AG	1871	7.9	.0	10.0
Q. Adams EBAX	*	-750	-12	-150	-12	* AG	1392	7.9	.0	10.0

R. Adams EBDX	*	150	-12	750	-12	*	AG	1021	7.9	.0	10.0
S. Adams WBAX	*	750	14	150	14	*	AG	1018	7.9	.0	10.0
T. Adams WBDX	*	-150	14	-750	14	*	AG	1386	7.9	.0	10.0

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

JOB: OC Fair Existing Typical + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	24	-19	1.8
2. NW	*	-24	22	1.8
3. SW	*	-23	-21	1.8
4. NE	*	22	24	1.8
5. ES mdblk	*	150	-19	1.8
6. WN mdblk	*	-150	22	1.8
7. WS mdblk	*	-150	-21	1.8
8. EN mdblk	*	150	24	1.8
9. SE mdblk	*	24	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-23	-150	1.8
12. NE mdblk	*	22	150	1.8
13. ES blk	*	600	-19	1.8
14. WN blk	*	-600	22	1.8
15. WS blk	*	-600	-21	1.8
16. EN blk	*	600	24	1.8
17. SE blk	*	24	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-23	-600	1.8
20. NE blk	*	22	600	1.8

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

JOB: OC Fair Existing Typical + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	278.	3.2	.7	.0	.1	.0	.3	.0	.6	.4
2. NW	170.	3.1	.2	.0	.0	.1	1.1	.0	.2	.0
3. SW	10.	3.1	.0	.2	.0	1.2	.2	.0	.4	.0
4. NE	190.	3.1	1.1	.5	.2	.0	.2	.0	.0	.2
5. ES mdblk	277.	2.4	.1	.0	.0	.0	.0	.0	.1	1.1
6. WN mdblk	99.	2.3	.0	.0	.0	.0	.0	.0	.0	.2
7. WS mdblk	80.	2.1	.0	.1	.0	.1	.0	.0	.8	.0
8. EN mdblk	262.	1.8	.0	.1	.0	.0	.0	.0	.2	.0
9. SE mdblk	351.	2.5	1.1	.2	.2	.3	.0	.0	.0	.0
10. NW mdblk	171.	2.5	.3	.1	.0	1.2	.1	.0	.0	.0
11. SW mdblk	9.	2.6	.0	.3	.0	.1	1.3	.0	.0	.0
12. NE mdblk	189.	3.0	.1	1.7	.0	.1	.3	.0	.0	.0
13. ES blk	277.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.9	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Typical + MP 1
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.	SE	.2	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.4
2.	NW	.1	.0	.6	.0	.5	.0	.0	.2	.0	.0	.0	.0
3.	SW	.2	.0	.3	.0	.0	.5	.2	.0	.0	.0	.0	.0
4.	NE	.0	.3	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0
5.	ES mdblk	.1	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.2
6.	WN mdblk	.1	.0	1.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
7.	WS mdblk	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
8.	EN mdblk	.1	.5	.1	.1	.0	.0	.0	.0	.2	.0	.0	.1
9.	SE mdblk	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10.	NW mdblk	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11.	SW mdblk	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0
12.	NE mdblk	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13.	ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.3	.0
14.	WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	1.3
15.	WS blk	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.4
16.	EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.8	.0
17.	SE blk	.0	.0	.0	.0	1.5	.0	.0	.5	.0	.0	.0	.0
18.	NW blk	.0	.0	.0	.0	.0	.5	1.4	.0	.0	.0	.0	.0
19.	SW blk	.0	.0	.0	.0	.5	.0	.0	1.5	.0	.0	.0	.0
20.	NE blk	.0	.0	.0	.0	.0	1.9	.5	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Typical + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	11	-150	11	0	* AG	519	6.7	.0	10.0
B. Fairview NBD	*	11	0	11	150	* AG	911	6.7	.0	10.0
C. Fairview NBL	*	5	-150	2	0	* AG	54	6.7	.0	10.0
D. Fairview SBA	*	-14	150	-14	0	* AG	586	6.7	.0	10.0
E. Fairview SBD	*	-14	0	-14	-150	* AG	580	6.7	.0	10.0
F. Fairview SBL	*	-9	150	0	0	* AG	441	6.7	.0	10.0
G. Fair EBA	*	-150	-9	0	-9	* AG	361	6.7	.0	10.0
H. Fair EBD	*	0	-9	150	-9	* AG	889	6.7	.0	10.0
I. Fair EBL	*	-150	-5	0	0	* AG	73	6.7	.0	10.0
J. Fair WBA	*	150	9	0	9	* AG	811	6.7	.0	10.0
K. Fair WBD	*	0	9	-150	9	* AG	533	6.7	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	68	6.7	.0	10.0
M. Fairview NBA	*	11	-750	11	-150	* AG	573	6.7	.0	10.0
N. Fairview NBD	*	11	150	11	750	* AG	911	6.7	.0	10.0
O. Fairview SBA	*	-14	750	-14	150	* AG	1027	6.7	.0	10.0
P. Fairview SBD	*	-14	-150	-14	-750	* AG	580	6.7	.0	10.0
Q. Fair EBAX	*	-750	-9	-150	-9	* AG	434	6.7	.0	10.0

R. Fair EBDX	*	150	-9	750	-9	*	AG	889	6.7	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	879	6.7	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	533	6.7	.0	10.0

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

JOB: OC Fair Existing Typical + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	21	-15	1.8
2. NW	*	-24	15	1.8
3. SW	*	-22	-17	1.8
4. NE	*	19	17	1.8
5. ES mdblk	*	150	-15	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	21	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-22	-150	1.8
12. NE mdblk	*	19	150	1.8
13. ES blk	*	600	-15	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	21	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-22	-600	1.8
20. NE blk	*	19	600	1.8

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

JOB: OC Fair Existing Typical + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	351.	1.7	.0	.6	.0	.0	.0	.1	.0	.4
2. NW	97.	1.7	.0	.2	.0	.2	.0	.1	.0	.2
3. SW	83.	1.5	.1	.0	.0	.0	.2	.0	.0	.5
4. NE	262.	1.3	.0	.4	.0	.1	.0	.1	.0	.0
5. ES mdblk	279.	1.4	.0	.0	.0	.0	.0	.0	.0	.8
6. WN mdblk	96.	1.2	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	84.	1.0	.0	.0	.0	.0	.0	.0	.3	.1
8. EN mdblk	262.	1.2	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdblk	354.	1.0	.3	.1	.0	.0	.0	.0	.0	.0
10. NW mdblk	167.	1.0	.0	.1	.0	.4	.0	.2	.0	.0
11. SW mdblk	7.	1.1	.0	.1	.0	.0	.4	.0	.0	.0
12. NE mdblk	189.	1.2	.0	.7	.0	.0	.1	.1	.0	.0
13. ES blk	277.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.9	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.8	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Typical + MP 2
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.	SE	.0	.2	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
2.	NW	.0	.5	.2	.0	.0	.0	.0	.0	.0	.2	.1	.0
3.	SW	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0
4.	NE	.0	.0	.4	.0	.0	.0	.0	.0	.1	.0	.0	.0
5.	ES mdblk	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6.	WN mdblk	.0	.1	.5	.0	.0	.0	.0	.0	.0	.1	.0	.0
7.	WS mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
8.	EN mdblk	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9.	SE mdblk	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10.	NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11.	SW mdblk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12.	NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13.	ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.3	.0
14.	WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.6
15.	WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.2
16.	EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.7	.0
17.	SE blk	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
18.	NW blk	.0	.0	.0	.0	.0	.3	.7	.0	.0	.0	.0	.0
19.	SW blk	.0	.0	.0	.0	.2	.0	.0	.5	.0	.0	.0	.0
20.	NE blk	.0	.0	.0	.0	.0	.8	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Typical + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	7	-150	7	0	* AG	2031	7.9	.0	10.0
B. Fairview NBD	*	7	0	7	150	* AG	2079	7.9	.0	10.0
C. Fairview NBL	*	2	-150	2	0	* AG	0	7.9	.0	10.0
D. Fairview SBA	*	-12	150	-12	0	* AG	1059	7.9	.0	10.0
E. Fairview SBD	*	-12	0	-12	-150	* AG	1501	7.9	.0	10.0
F. Fairview SBL	*	-9	150	0	0	* AG	591	7.9	.0	10.0
G. SRamp EBA	*	-150	-11	0	-11	* AG	442	7.9	.0	10.0
H. SRamp EBD	*	0	-11	150	-11	* AG	1168	7.9	.0	10.0
I. SRamp EBL	*	-150	-9	0	0	* AG	625	7.9	.0	10.0
J. SRamp WBA	*	150	0	0	0	* AG	0	7.9	.0	10.0
K. SRamp WBD	*	0	0	-150	0	* AG	0	7.9	.0	10.0
L. SRamp WBL	*	150	2	0	0	* AG	0	7.9	.0	10.0
M. Fairview NBA	*	7	-750	7	-150	* AG	2031	7.9	.0	10.0
N. Fairview NBD	*	7	150	7	750	* AG	2079	7.9	.0	10.0
O. Fairview SBA	*	-12	750	-12	150	* AG	1650	7.9	.0	10.0
P. Fairview SBD	*	-12	-150	-12	-750	* AG	1501	7.9	.0	10.0
Q. SRamp EBAX	*	-750	-11	-150	-11	* AG	1067	7.9	.0	10.0

R. SRamp EBDX	*	150	-11	750	-11	*	AG	1168	7.9	.0	10.0
S. SRamp WBAX	*	750	0	150	0	*	AG	0	7.9	.0	10.0
T. SRamp WBDX	*	-150	0	-750	0	*	AG	0	7.9	.0	10.0

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

JOB: OC Fair Existing Typical + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-17	1.8
2. NW	*	-21	7	1.8
3. SW	*	-21	-17	1.8
4. NE	*	15	7	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	7	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	7	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-21	-150	1.8
12. NE mdblk	*	15	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	7	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	7	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-21	-600	1.8
20. NE blk	*	15	600	1.8

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

JOB: OC Fair Existing Typical + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	351.	2.9	.0	1.2	.0	.2	.0	.2	.0	.6
2. NW	172.	2.6	.3	.0	.0	.0	1.2	.0	.1	.0
3. SW	9.	2.6	.0	.3	.0	.8	.1	.3	.2	.0
4. NE	188.	2.7	1.5	.0	.0	.0	.2	.0	.0	.4
5. ES mdblk	277.	1.9	.0	.0	.0	.0	.0	.0	.0	1.2
6. WN mdblk	97.	1.2	.1	.0	.0	.0	.1	.0	.2	.2
7. WS mdblk	82.	1.6	.0	.1	.0	.0	.0	.0	.5	.1
8. EN mdblk	263.	1.0	.2	.0	.0	.0	.1	.0	.0	.4
9. SE mdblk	352.	2.3	1.2	.2	.0	.2	.2	.1	.0	.0
10. NW mdblk	171.	2.3	.3	.3	.0	.9	.1	.3	.0	.0
11. SW mdblk	8.	2.4	.2	.3	.0	.1	1.2	.1	.0	.0
12. NE mdblk	188.	2.7	.2	1.5	.0	.1	.3	.2	.0	.0
13. ES blk	276.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.9	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Typical + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0
2. NW	*	.3	.0	.0	.0	.5	.0	.0	.2	.0	.0	.0	.0
3. SW	*	.2	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.0	.0	.3	.0	.0	.4	.0	.0	.0	.0
5. ES mdblk	*	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
6. WN mdblk	*	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
7. WS mdblk	*	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0
17. SE blk	*	.0	.0	.0	.0	1.4	.0	.0	.5	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.7	1.5	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.7	.0	.0	1.4	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.7	.6	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Typical + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	9	-150	9	0	* AG	1352	9.8	.0	10.0
B. Fairview NBD	*	9	0	9	150	* AG	1794	9.8	.0	10.0
C. Fairview NBL	*	5	-150	2	0	* AG	404	9.8	.0	10.0
D. Fairview SBA	*	-9	150	-9	0	* AG	1725	9.8	.0	10.0
E. Fairview SBD	*	-9	0	-9	-150	* AG	1629	9.8	.0	10.0
F. Fairview SBL	*	-2	150	0	0	* AG	0	9.8	.0	10.0
G. NRamp EBA	*	-150	0	0	0	* AG	0	9.8	.0	10.0
H. NRamp EBD	*	0	0	150	0	* AG	0	9.8	.0	10.0
I. NRamp EBL	*	-150	-2	0	0	* AG	0	9.8	.0	10.0
J. NRamp WBA	*	150	11	0	11	* AG	442	9.8	.0	10.0
K. NRamp WBD	*	0	11	-150	11	* AG	1052	9.8	.0	10.0
L. NRamp WBL	*	150	9	0	0	* AG	552	9.8	.0	10.0
M. Fairview NBA	*	9	-750	9	-150	* AG	1756	9.8	.0	10.0
N. Fairview NBD	*	9	150	9	750	* AG	1794	9.8	.0	10.0
O. Fairview SBA	*	-9	750	-9	150	* AG	1725	9.8	.0	10.0
P. Fairview SBD	*	-9	-150	-9	-750	* AG	1629	9.8	.0	10.0
Q. NRamp EBAX	*	-750	0	-150	0	* AG	0	9.8	.0	10.0

R.	NRamp EBDX	*	150	0	750	0	*	AG	0	9.8	.0	10.0
S.	NRamp WBAX	*	750	11	150	11	*	AG	994	9.8	.0	10.0
T.	NRamp WBDX	*	-150	11	-750	11	*	AG	1052	9.8	.0	10.0

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

JOB: OC Fair Existing Typical + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-7	1.8
2. NW	*	-21	17	1.8
3. SW	*	-19	-7	1.8
4. NE	*	17	17	1.8
5. ES mdblk	*	150	-7	1.8
6. WN mdblk	*	-150	17	1.8
7. WS mdblk	*	-150	-7	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-19	-150	1.8
12. NE mdblk	*	17	150	1.8
13. ES blk	*	600	-7	1.8
14. WN blk	*	-600	17	1.8
15. WS blk	*	-600	-7	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-19	-600	1.8
20. NE blk	*	17	600	1.8

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

JOB: OC Fair Existing Typical + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	3.4	.0	1.7	.0	.3	.0	.0	.0	.0
2. NW	171.	3.0	.3	.0	.2	.0	1.1	.0	.0	.0
3. SW	8.	2.9	.0	.3	.0	1.3	.0	.0	.0	.0
4. NE	188.	3.3	1.2	.2	.3	.0	.4	.0	.0	.0
5. ES mdblk	277.	1.4	.0	.2	.0	.2	.0	.0	.0	.0
6. WN mdblk	97.	2.1	.0	.0	.0	.1	.1	.0	.0	.0
7. WS mdblk	83.	1.2	.0	.2	.0	.2	.0	.0	.0	.0
8. EN mdblk	262.	1.8	.1	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	352.	3.0	1.3	.2	.3	.3	.3	.0	.0	.0
10. NW mdblk	172.	2.5	.3	.2	.1	1.1	.2	.0	.0	.0
11. SW mdblk	8.	2.7	.2	.4	.1	.2	1.2	.0	.0	.0
12. NE mdblk	188.	3.1	.2	1.7	.0	.3	.3	.0	.0	.0
13. ES blk	277.	1.1	.0	.1	.0	.0	.0	.0	.0	.0
14. WN blk	96.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	1.1	.0	.1	.0	.1	.0	.0	.0	.0
16. EN blk	264.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	3.1	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	3.1	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Typical + MP 4
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.	SE	.0	.2	.0	.3	.0	.3	.5	.0	.0	.0	.0	.0
2.	NW	.0	.0	.7	.0	.5	.0	.0	.3	.0	.0	.0	.0
3.	SW	.0	.0	.4	.0	.0	.6	.3	.0	.0	.0	.0	.0
4.	NE	.0	.3	.0	.2	.3	.0	.0	.5	.0	.0	.0	.0
5.	ES mdblk	.0	.2	.2	.4	.0	.0	.0	.0	.0	.0	.0	.2
6.	WN mdblk	.0	.0	1.4	.1	.0	.0	.0	.0	.0	.0	.1	.0
7.	WS mdblk	.0	.1	.4	.1	.0	.0	.0	.0	.0	.0	.2	.0
8.	EN mdblk	.0	.6	.1	.5	.0	.0	.0	.0	.0	.0	.0	.1
9.	SE mdblk	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
10.	NW mdblk	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
11.	SW mdblk	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0
12.	NE mdblk	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
13.	ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0
14.	WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
15.	WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
16.	EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0
17.	SE blk	.0	.0	.0	.0	1.9	.0	.0	.7	.0	.0	.0	.0
18.	NW blk	.0	.0	.0	.0	.0	.7	1.4	.0	.0	.0	.0	.0
19.	SW blk	.0	.0	.0	.0	.7	.0	.0	1.5	.0	.0	.0	.0
20.	NE blk	.0	.0	.0	.0	.0	1.9	.8	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Typical + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI.)	H (M)	W (M)
A. Van NBA	*	2	-150	2	0	*	AG	59	6.7	.0	10.0
B. Van NBD	*	2	0	2	150	*	AG	272	6.7	.0	10.0
C. Van NBL	*	2	-150	2	0	*	AG	77	6.7	.0	10.0
D. Van SBA	*	-5	150	-5	0	*	AG	78	6.7	.0	10.0
E. Van SBD	*	-5	0	-5	-150	*	AG	128	6.7	.0	10.0
F. Van SBL	*	-5	150	0	0	*	AG	117	6.7	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	*	AG	610	6.7	.0	10.0
H. Fair EBD	*	0	-7	150	-7	*	AG	685	6.7	.0	10.0
I. Fair EBL	*	-150	-5	0	0	*	AG	143	6.7	.0	10.0
J. Fair WBA	*	150	9	0	9	*	AG	849	6.7	.0	10.0
K. Fair WBD	*	0	9	-150	9	*	AG	875	6.7	.0	10.0
L. Fair WBL	*	150	5	0	0	*	AG	27	6.7	.0	10.0
M. Van NBA	*	2	-750	2	-150	*	AG	136	6.7	.0	10.0
N. Van NBD	*	2	150	2	750	*	AG	272	6.7	.0	10.0
O. Van SBA	*	-5	750	-5	150	*	AG	195	6.7	.0	10.0
P. Van SBD	*	-5	-150	-5	-750	*	AG	128	6.7	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	*	AG	753	6.7	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	685	6.7	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	876	6.7	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	875	6.7	.0	10.0

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

JOB: OC Fair Existing Typical + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	8	-14	1.8
2. NW	*	-12	15	1.8
3. SW	*	-12	-14	1.8
4. NE	*	8	17	1.8
5. ES mdblk	*	150	-14	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-14	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	8	-150	1.8
10. NW mdblk	*	-12	150	1.8
11. SW mdblk	*	-12	-150	1.8
12. NE mdblk	*	8	150	1.8
13. ES blk	*	600	-14	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-14	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	8	-600	1.8
18. NW blk	*	-12	600	1.8
19. SW blk	*	-12	-600	1.8
20. NE blk	*	8	600	1.8

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

JOB: OC Fair Existing Typical + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	277.	1.3	.0	.0	.0	.0	.0	.0	.5	.0
2. NW	97.	1.5	.0	.0	.0	.0	.0	.0	.0	.1
3. SW	83.	1.3	.0	.0	.0	.0	.0	.0	.0	.6
4. NE	262.	1.3	.0	.1	.0	.0	.0	.0	.1	.0
5. ES mdblk	277.	1.3	.0	.0	.0	.0	.0	.0	.0	.6
6. WN mdblk	97.	1.4	.0	.0	.0	.0	.0	.0	.1	.1
7. WS mdblk	83.	1.3	.0	.0	.0	.0	.0	.0	.6	.0
8. EN mdblk	263.	1.2	.0	.0	.0	.0	.0	.0	.1	.1
9. SE mdblk	355.	.6	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	173.	.6	.0	.1	.0	.0	.0	.1	.0	.0
11. SW mdblk	5.	.6	.0	.0	.0	.0	.1	.0	.0	.0
12. NE mdblk	187.	.7	.0	.3	.0	.0	.0	.0	.0	.0
13. ES blk	277.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	355.	.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Typical + MP 5
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. SE	*	.0	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.2
2. NW	*	.0	.7	.1	.0	.0	.0	.0	.0	.0	.2	.1	.0
3. SW	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0
4. NE	*	.0	.0	.6	.0	.0	.0	.0	.0	.2	.0	.0	.1
5. ES mdblk	*	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	*	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	*	.0	.6	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.4	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.9
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.4
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.7	.0
17. SE blk	*	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Typical + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	0	-150	0	0	* AG	0	7.9	.0	10.0
B. Newport NBD	*	0	0	0	150	* AG	0	7.9	.0	10.0
C. Newport NBL	*	2	-150	2	0	* AG	0	7.9	.0	10.0
D. Newport SBA	*	-9	150	-9	0	* AG	1525	7.9	.0	10.0
E. Newport SBD	*	-9	0	-9	-150	* AG	918	7.9	.0	10.0
F. Newport SBL	*	-5	150	0	0	* AG	462	7.9	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	* AG	869	7.9	.0	10.0
H. Fair EBD	*	0	-7	150	-7	* AG	1260	7.9	.0	10.0
I. Fair EBL	*	-150	-2	0	0	* AG	0	7.9	.0	10.0
J. Fair WBA	*	150	7	0	7	* AG	268	7.9	.0	10.0
K. Fair WBD	*	0	7	-150	7	* AG	1063	7.9	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	117	7.9	.0	10.0
M. Newport NBA	*	0	-750	0	-150	* AG	0	7.9	.0	10.0
N. Newport NBD	*	0	150	0	750	* AG	0	7.9	.0	10.0
O. Newport SBA	*	-9	750	-9	150	* AG	1987	7.9	.0	10.0
P. Newport SBD	*	-9	-150	-9	-750	* AG	918	7.9	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	* AG	869	7.9	.0	10.0

R.	Fair EBDX	*	150	-7	750	-7	*	AG	1260	7.9	.0 10.0
S.	Fair WBAX	*	750	7	150	7	*	AG	385	7.9	.0 10.0
T.	Fair WBDX	*	-150	7	-750	7	*	AG	1063	7.9	.0 10.0

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

JOB: OC Fair Existing Typical + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	7	-16	1.8
2. NW	*	-17	14	1.8
3. SW	*	-15	-17	1.8
4. NE	*	7	14	1.8
5. ES mdblk	*	150	-16	1.8
6. WN mdblk	*	-150	14	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	14	1.8
9. SE mdblk	*	7	-150	1.8
10. NW mdblk	*	-17	150	1.8
11. SW mdblk	*	-15	-150	1.8
12. NE mdblk	*	7	150	1.8
13. ES blk	*	600	-16	1.8
14. WN blk	*	-600	14	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	14	1.8
17. SE blk	*	7	-600	1.8
18. NW blk	*	-17	600	1.8
19. SW blk	*	-15	-600	1.8
20. NE blk	*	7	600	1.8

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

JOB: OC Fair Existing Typical + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	2.1	.0	.0	.0	.6	.0	.4	.0	.5
2. NW	99.	2.2	.0	.0	.0	.7	.0	.2	.0	.4
3. SW	6.	2.6	.0	.0	.0	1.2	.2	.2	.4	.0
4. NE	263.	2.5	.0	.0	.0	.5	.0	.2	.2	.0
5. ES mdblk	278.	1.7	.0	.0	.0	.0	.0	.0	.0	.9
6. WN mdblk	97.	2.0	.0	.0	.0	.0	.0	.0	.2	.2
7. WS mdblk	82.	1.4	.0	.0	.0	.0	.0	.0	.6	.1
8. EN mdblk	264.	1.4	.0	.0	.0	.0	.0	.0	.2	.2
9. SE mdblk	354.	1.1	.0	.0	.0	.2	.3	.0	.0	.0
10. NW mdblk	170.	1.8	.0	.0	.0	1.2	.0	.3	.0	.1
11. SW mdblk	5.	1.6	.0	.0	.0	.2	.9	.1	.0	.0
12. NE mdblk	190.	1.4	.0	.0	.0	.7	.1	.3	.0	.0
13. ES blk	277.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.8	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Typical + MP 6
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. SE	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
2. NW	*	.0	.3	.3	.0	.0	.0	.0	.0	.0	.3	.0	.0
3. SW	*	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0
4. NE	*	.0	.0	1.1	.0	.0	.0	.0	.0	.3	.0	.0	.2
5. ES mdblk	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	*	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.2	.0	.0
7. WS mdblk	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0
8. EN mdblk	*	.0	.3	.1	.1	.0	.0	.0	.0	.1	.0	.0	.1
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	1.3
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.5
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.5	.0
17. SE blk	*	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.0	1.7	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Typical + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	4	-150	4	0	*	AG	1052	7.9	.0	10.0
B. Newport NBD	*	4	0	4	150	*	AG	2217	7.9	.0	10.0
C. Newport NBL	*	2	-150	2	0	*	AG	153	7.9	.0	10.0
D. Newport SBA	*	0	150	0	0	*	AG	0	7.9	.0	10.0
E. Newport SBD	*	0	0	0	-150	*	AG	0	7.9	.0	10.0
F. Newport SBL	*	-2	150	0	0	*	AG	0	7.9	.0	10.0
G. Del EBA	*	-150	-11	0	-11	*	AG	365	7.9	.0	10.0
H. Del EBD	*	0	-11	150	-11	*	AG	510	7.9	.0	10.0
I. Del EBL	*	-150	-9	0	0	*	AG	988	7.9	.0	10.0
J. Del WBA	*	150	7	0	7	*	AG	607	7.9	.0	10.0
K. Del WBD	*	0	7	-150	7	*	AG	438	7.9	.0	10.0
L. Del WBL	*	150	2	0	0	*	AG	0	7.9	.0	10.0
M. Newport NBA	*	4	-750	4	-150	*	AG	1205	7.9	.0	10.0
N. Newport NBD	*	4	150	4	750	*	AG	2217	7.9	.0	10.0
O. Newport SBA	*	0	750	0	150	*	AG	0	7.9	.0	10.0
P. Newport SBD	*	0	-150	0	-750	*	AG	0	7.9	.0	10.0
Q. Del EBAX	*	-750	-11	-150	-11	*	AG	1353	7.9	.0	10.0

R. Del EBDX	*	150	-11	750	-11	*	AG	510	7.9	.0	10.0
S. Del WBAX	*	750	7	150	7	*	AG	607	7.9	.0	10.0
T. Del WBDX	*	-150	7	-750	7	*	AG	438	7.9	.0	10.0

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

JOB: OC Fair Existing Typical + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	11	-17	1.8
2. NW	*	-7	15	1.8
3. SW	*	-7	-17	1.8
4. NE	*	10	17	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	11	-150	1.8
10. NW mdblk	*	-7	150	1.8
11. SW mdblk	*	-7	-150	1.8
12. NE mdblk	*	10	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	11	-600	1.8
18. NW blk	*	-7	600	1.8
19. SW blk	*	-7	-600	1.8
20. NE blk	*	10	600	1.8

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

JOB: OC Fair Existing Typical + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	354.	2.4	.1	1.5	.0	.0	.0	.0	.0	.3
2. NW	98.	1.8	.0	.9	.0	.0	.0	.0	.0	.1
3. SW	7.	2.2	.0	1.2	.0	.0	.0	.0	.2	.0
4. NE	352.	2.4	.0	2.1	.0	.0	.0	.0	.0	.0
5. ES mdblk	276.	1.4	.0	.0	.0	.0	.0	.0	.0	.6
6. WN mdblk	98.	1.2	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	79.	1.8	.0	.2	.0	.0	.0	.0	.4	.0
8. EN mdblk	264.	1.3	.0	.1	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	1.7	.9	.2	.1	.0	.0	.0	.0	.0
10. NW mdblk	172.	1.7	.1	1.3	.0	.0	.0	.0	.0	.0
11. SW mdblk	6.	1.4	.6	.3	.1	.0	.0	.0	.0	.0
12. NE mdblk	188.	2.5	.0	2.1	.0	.0	.0	.0	.0	.0
13. ES blk	276.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Typical + MP 7
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.	SE	.0	.2	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
2.	NW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
3.	SW	.3	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0
4.	NE	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
5.	ES mdblk	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
6.	WN mdblk	.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7.	WS mdblk	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8.	EN mdblk	.2	.4	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
9.	SE mdblk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
10.	NW mdblk	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11.	SW mdblk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
12.	NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13.	ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.3	.0
14.	WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.5
15.	WS blk	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.2
16.	EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.0
17.	SE blk	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0
18.	NW blk	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0
19.	SW blk	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0
20.	NE blk	.0	.0	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0

ORANGE COUNTY FAIR

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

EXISTING INTERIM EVENT PLUS MASTER PLAN

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

JOB: OC Fair Existing Interim + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Harbor NBA	*	14	-150	14	0	* AG	1579	7.9	.0	10.0
B. Harbor NBD	*	14	0	14	150	* AG	2085	7.9	.0	10.0
C. Harbor NBL	*	9	-150	2	0	* AG	321	7.9	.0	10.0
D. Harbor SBA	*	-14	150	-14	0	* AG	2352	7.9	.0	10.0
E. Harbor SBD	*	-14	0	-14	-150	* AG	2306	7.9	.0	10.0
F. Harbor SBL	*	-9	150	0	0	* AG	149	7.9	.0	10.0
G. Adams EBA	*	-150	-12	0	-12	* AG	773	7.9	.0	10.0
H. Adams EBD	*	0	-12	150	-12	* AG	924	7.9	.0	10.0
I. Adams EBL	*	-150	-9	0	0	* AG	547	7.9	.0	10.0
J. Adams WBA	*	150	14	0	14	* AG	573	7.9	.0	10.0
K. Adams WBD	*	0	14	-150	14	* AG	1310	7.9	.0	10.0
L. Adams WBL	*	150	9	0	0	* AG	331	7.9	.0	10.0
M. Harbor NBAX	*	14	-750	14	-150	* AG	1900	7.9	.0	10.0
N. Harbor NBDX	*	14	150	14	750	* AG	2085	7.9	.0	10.0
O. Harbor SBAX	*	-14	750	-14	150	* AG	2501	7.9	.0	10.0
P. Harbor SBDX	*	-14	-150	-14	-750	* AG	2306	7.9	.0	10.0
Q. Adams EBAX	*	-750	-12	-150	-12	* AG	1320	7.9	.0	10.0

R.	Adams EBDX	*	150	-12	750	-12	*	AG	924	7.9	.0	10.0
S.	Adams WBAX	*	750	14	150	14	*	AG	904	7.9	.0	10.0
T.	Adams WBDX	*	-150	14	-750	14	*	AG	1310	7.9	.0	10.0

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

JOB: OC Fair Existing Interim + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	24	-19	1.8
2. NW	*	-24	22	1.8
3. SW	*	-23	-21	1.8
4. NE	*	22	24	1.8
5. ES mdblk	*	150	-19	1.8
6. WN mdblk	*	-150	22	1.8
7. WS mdblk	*	-150	-21	1.8
8. EN mdblk	*	150	24	1.8
9. SE mdblk	*	24	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-23	-150	1.8
12. NE mdblk	*	22	150	1.8
13. ES blk	*	600	-19	1.8
14. WN blk	*	-600	22	1.8
15. WS blk	*	-600	-21	1.8
16. EN blk	*	600	24	1.8
17. SE blk	*	24	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-23	-600	1.8
20. NE blk	*	22	600	1.8

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

JOB: OC Fair Existing Interim + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	278.	3.0	.6	.0	.0	.0	.4	.0	.6	.4
2. NW	170.	3.2	.2	.0	.0	.1	1.3	.0	.2	.0
3. SW	10.	3.3	.0	.2	.0	1.4	.2	.0	.4	.0
4. NE	261.	3.0	.0	.9	.0	.4	.0	.0	.0	.0
5. ES mdblk	277.	2.3	.0	.0	.0	.1	.0	.0	.0	1.0
6. WN mdblk	99.	2.2	.0	.0	.0	.1	.1	.0	.0	.2
7. WS mdblk	80.	2.0	.0	.1	.0	.1	.0	.0	.7	.0
8. EN mdblk	262.	1.7	.0	.1	.0	.1	.0	.0	.1	.0
9. SE mdblk	350.	2.4	1.0	.1	.2	.3	.1	.0	.0	.0
10. NW mdblk	171.	2.6	.3	.0	.0	1.4	.2	.0	.0	.0
11. SW mdblk	9.	2.8	.0	.3	.0	.2	1.5	.0	.0	.0
12. NE mdblk	189.	2.8	.1	1.5	.0	.1	.3	.0	.0	.0
13. ES blk	277.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.8	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Interim + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.2	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.4
2. NW	*	.1	.0	.6	.0	.4	.0	.0	.2	.0	.0	.0	.0
3. SW	*	.2	.0	.3	.0	.0	.5	.2	.0	.0	.0	.0	.0
4. NE	*	.1	.0	.8	.0	.0	.0	.0	.0	.4	.0	.0	.2
5. ES mdblk	*	.1	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.2
6. WN mdblk	*	.1	.0	1.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	*	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	*	.1	.4	.1	.1	.0	.0	.0	.0	.2	.0	.0	.1
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.3	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	1.2
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.4
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.8	.0
17. SE blk	*	.0	.0	.0	.0	1.4	.0	.0	.5	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.5	1.7	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.5	.0	.0	1.7	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.7	.6	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Interim + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	11	-150	11	0	* AG	504	7.9	.0	10.0
B. Fairview NBD	*	11	0	11	150	* AG	1111	7.9	.0	10.0
C. Fairview NBL	*	5	-150	2	0	* AG	60	7.9	.0	10.0
D. Fairview SBA	*	-14	150	-14	0	* AG	533	7.9	.0	10.0
E. Fairview SBD	*	-14	0	-14	-150	* AG	527	7.9	.0	10.0
F. Fairview SBL	*	-9	150	0	0	* AG	474	7.9	.0	10.0
G. Fair EBA	*	-150	-9	0	-9	* AG	301	7.9	.0	10.0
H. Fair EBD	*	0	-9	150	-9	* AG	838	7.9	.0	10.0
I. Fair EBL	*	-150	-5	0	0	* AG	89	7.9	.0	10.0
J. Fair WBA	*	150	9	0	9	* AG	973	7.9	.0	10.0
K. Fair WBD	*	0	9	-150	9	* AG	504	7.9	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	46	7.9	.0	10.0
M. Fairview NBA	*	11	-750	11	-150	* AG	564	7.9	.0	10.0
N. Fairview NBD	*	11	150	11	750	* AG	1111	7.9	.0	10.0
O. Fairview SBA	*	-14	750	-14	150	* AG	1007	7.9	.0	10.0
P. Fairview SBD	*	-14	-150	-14	-750	* AG	527	7.9	.0	10.0
Q. Fair EBAX	*	-750	-9	-150	-9	* AG	390	7.9	.0	10.0

R. Fair EBDX	*	150	-9	750	-9	*	AG	838	7.9	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	1019	7.9	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	504	7.9	.0	10.0

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

JOB: OC Fair Existing Interim + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	21	-15	1.8
2. NW	*	-24	15	1.8
3. SW	*	-22	-17	1.8
4. NE	*	19	17	1.8
5. ES mdblk	*	150	-15	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	21	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-22	-150	1.8
12. NE mdblk	*	19	150	1.8
13. ES blk	*	600	-15	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	21	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-22	-600	1.8
20. NE blk	*	19	600	1.8

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

JOB: OC Fair Existing Interim + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	351.	2.1	.0	.8	.0	.0	.0	.1	.0	.4
2. NW	97.	2.1	.0	.2	.0	.2	.0	.1	.0	.2
3. SW	83.	1.7	.1	.0	.0	.0	.2	.0	.0	.6
4. NE	262.	1.6	.0	.5	.0	.1	.0	.1	.0	.0
5. ES mdblk	279.	1.7	.0	.0	.0	.0	.0	.0	.0	.9
6. WN mdblk	96.	1.4	.0	.0	.0	.0	.0	.0	.0	.2
7. WS mdblk	84.	1.2	.0	.0	.0	.0	.0	.0	.3	.1
8. EN mdblk	261.	1.5	.0	.0	.0	.0	.0	.0	.0	.2
9. SE mdblk	354.	1.3	.3	.2	.0	.0	.0	.1	.0	.0
10. NW mdblk	9.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	7.	1.3	.0	.2	.0	.0	.5	.1	.0	.0
12. NE mdblk	189.	1.6	.0	.9	.0	.0	.1	.1	.0	.0
13. ES blk	277.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Interim + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.2	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0
2. NW	*	.0	.7	.2	.0	.0	.0	.0	.0	.0	.3	.2	.0
3. SW	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0
4. NE	*	.0	.0	.4	.0	.0	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	*	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.1	.6	.0	.0	.0	.0	.0	.0	.1	.1	.0
7. WS mdblk	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0
8. EN mdblk	*	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.4	.8	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.4	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.7
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.0	.0
17. SE blk	*	.0	.0	.0	.0	.5	.0	.0	.2	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.4	.8	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.2	.0	.0	.6	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.1	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Interim + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	7	-150	7	0	AG	1711	7.9	.0	10.0
B. Fairview NBD	7	0	7	150	AG	1650	7.9	.0	10.0
C. Fairview NBL	2	-150	2	0	AG	0	7.9	.0	10.0
D. Fairview SBA	-12	150	-12	0	AG	1217	7.9	.0	10.0
E. Fairview SBD	-12	0	-12	-150	AG	1761	7.9	.0	10.0
F. Fairview SBL	-9	150	0	0	AG	527	7.9	.0	10.0
G. SRamp EBA	-150	-11	0	-11	AG	544	7.9	.0	10.0
H. SRamp EBD	0	-11	150	-11	AG	1145	7.9	.0	10.0
I. SRamp EBL	-150	-9	0	0	AG	557	7.9	.0	10.0
J. SRamp WBA	150	0	0	0	AG	0	7.9	.0	10.0
K. SRamp WBD	0	0	-150	0	AG	0	7.9	.0	10.0
L. SRamp WBL	150	2	0	0	AG	0	7.9	.0	10.0
M. Fairview NBA	7	-750	7	-150	AG	1711	7.9	.0	10.0
N. Fairview NBD	7	150	7	750	AG	1650	7.9	.0	10.0
O. Fairview SBA	-12	750	-12	150	AG	1744	7.9	.0	10.0
P. Fairview SBD	-12	-150	-12	-750	AG	1761	7.9	.0	10.0
Q. SRamp EBAX	-750	-11	-150	-11	AG	1101	7.9	.0	10.0

R. SRamp EBDX	*	150	-11	750	-11	*	AG	1145	7.9	.0	10.0
S. SRamp WBAX	*	750	0	150	0	*	AG	0	7.9	.0	10.0
T. SRamp WBDX	*	-150	0	-750	0	*	AG	0	7.9	.0	10.0

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

JOB: OC Fair Existing Interim + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-17	1.8
2. NW	*	-21	7	1.8
3. SW	*	-21	-17	1.8
4. NE	*	15	7	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	7	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	7	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-21	-150	1.8
12. NE mdblk	*	15	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	7	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	7	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-21	-600	1.8
20. NE blk	*	15	600	1.8

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

JOB: OC Fair Existing Interim + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	351.	2.7	.0	1.0	.0	.2	.0	.2	.0	.6
2. NW	172.	2.7	.2	.0	.0	.0	1.3	.0	.2	.0
3. SW	9.	2.6	.0	.3	.0	.9	.2	.2	.3	.0
4. NE	188.	2.6	1.3	.0	.0	.0	.2	.0	.0	.4
5. ES mdblk	277.	1.8	.0	.0	.0	.0	.0	.0	.0	1.2
6. WN mdblk	97.	1.2	.1	.0	.0	.0	.1	.0	.2	.2
7. WS mdblk	82.	1.6	.0	.1	.0	.0	.0	.0	.6	.1
8. EN mdblk	263.	1.0	.1	.0	.0	.0	.1	.0	.1	.4
9. SE mdblk	352.	2.2	1.0	.2	.0	.2	.2	.1	.0	.0
10. NW mdblk	171.	2.3	.3	.2	.0	1.0	.1	.3	.0	.0
11. SW mdblk	8.	2.5	.2	.3	.0	.1	1.3	.1	.0	.0
12. NE mdblk	188.	2.5	.2	1.2	.0	.2	.3	.2	.0	.0
13. ES blk	276.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.9	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.4	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Interim + MP 3
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. SE	*	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0
2. NW	*	.3	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
3. SW	*	.2	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.0	.0	.2	.0	.0	.5	.0	.0	.0	.0
5. ES mdblk	*	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
6. WN mdblk	*	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	*	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0
17. SE blk	*	.0	.0	.0	.0	1.3	.0	.0	.6	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.6	1.5	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.6	.0	.0	1.5	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.4	.6	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Interim + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

	LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A.	Fairview NBA	*	9	-150	9	0	*	AG	1396	7.9	.0	10.0
B.	Fairview NBD	*	9	0	9	150	*	AG	1950	7.9	.0	10.0
C.	Fairview NBL	*	5	-150	2	0	*	AG	399	7.9	.0	10.0
D.	Fairview SBA	*	-9	150	-9	0	*	AG	1745	7.9	.0	10.0
E.	Fairview SBD	*	-9	0	-9	-150	*	AG	1759	7.9	.0	10.0
F.	Fairview SBL	*	-2	150	0	0	*	AG	0	7.9	.0	10.0
G.	NRamp EBA	*	-150	0	0	0	*	AG	0	7.9	.0	10.0
H.	NRamp EBD	*	0	0	150	0	*	AG	0	7.9	.0	10.0
I.	NRamp EBL	*	-150	-2	0	0	*	AG	0	7.9	.0	10.0
J.	NRamp WBA	*	150	11	0	11	*	AG	554	7.9	.0	10.0
K.	NRamp WBD	*	0	11	-150	11	*	AG	946	7.9	.0	10.0
L.	NRamp WBL	*	150	9	0	0	*	AG	561	7.9	.0	10.0
M.	Fairview NBA	*	9	-750	9	-150	*	AG	1795	7.9	.0	10.0
N.	Fairview NBD	*	9	150	9	750	*	AG	1950	7.9	.0	10.0
O.	Fairview SBA	*	-9	750	-9	150	*	AG	1745	7.9	.0	10.0
P.	Fairview SBD	*	-9	-150	-9	-750	*	AG	1759	7.9	.0	10.0
Q.	NRamp EBAX	*	-750	0	-150	0	*	AG	0	7.9	.0	10.0

R.	NRamp EBDX	*	150	0	750	0	*	AG	0	7.9	.0	10.0
S.	NRamp WBAX	*	750	11	150	11	*	AG	1115	7.9	.0	10.0
T.	NRamp WBDX	*	-150	11	-750	11	*	AG	946	7.9	.0	10.0

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

JOB: OC Fair Existing Interim + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-7	1.8
2. NW	*	-21	17	1.8
3. SW	*	-19	-7	1.8
4. NE	*	17	17	1.8
5. ES mdblk	*	150	-7	1.8
6. WN mdblk	*	-150	17	1.8
7. WS mdblk	*	-150	-7	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-19	-150	1.8
12. NE mdblk	*	17	150	1.8
13. ES blk	*	600	-7	1.8
14. WN blk	*	-600	17	1.8
15. WS blk	*	-600	-7	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-19	-600	1.8
20. NE blk	*	17	600	1.8

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

JOB: OC Fair Existing Interim + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	2.9	.0	1.4	.0	.3	.0	.0	.0	.0
2. NW	171.	2.4	.2	.0	.1	.0	1.0	.0	.0	.0
3. SW	8.	2.4	.0	.2	.0	1.1	.0	.0	.0	.0
4. NE	189.	2.8	1.0	.2	.2	.0	.3	.0	.0	.0
5. ES mdblk	277.	1.1	.0	.1	.0	.1	.0	.0	.0	.0
6. WN mdblk	96.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	1.0	.0	.1	.0	.1	.0	.0	.0	.0
8. EN mdblk	262.	1.6	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	352.	2.5	1.1	.2	.2	.3	.2	.0	.0	.0
10. NW mdblk	172.	2.1	.2	.2	.0	.9	.2	.0	.0	.0
11. SW mdblk	8.	2.3	.2	.3	.1	.2	1.1	.0	.0	.0
12. NE mdblk	188.	2.6	.1	1.4	.0	.2	.3	.0	.0	.0
13. ES blk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.9	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Interim + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.2	.0	.3	.0	.3	.4	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.5	.0	.4	.0	.0	.2	.0	.0	.0	.0
3. SW	*	.0	.0	.3	.0	.0	.5	.3	.0	.0	.0	.0	.0
4. NE	*	.0	.3	.0	.2	.2	.0	.0	.4	.0	.0	.0	.0
5. ES mdblk	*	.0	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	*	.0	.0	1.0	.1	.0	.0	.0	.0	.0	.0	.1	.0
7. WS mdblk	*	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	*	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0
17. SE blk	*	.0	.0	.0	.0	1.6	.0	.0	.6	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.6	1.1	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.6	.0	.0	1.3	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.7	.6	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Interim + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Van NBA	*	2	-150	2	0	*	AG	130	6.7	.0	10.0
B. Van NBD	*	2	0	2	150	*	AG	662	6.7	.0	10.0
C. Van NBL	*	2	-150	2	0	*	AG	88	6.7	.0	10.0
D. Van SBA	*	-5	150	-5	0	*	AG	67	6.7	.0	10.0
E. Van SBD	*	-5	0	-5	-150	*	AG	180	6.7	.0	10.0
F. Van SBL	*	-5	150	0	0	*	AG	84	6.7	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	*	AG	603	6.7	.0	10.0
H. Fair EBD	*	0	-7	150	-7	*	AG	682	6.7	.0	10.0
I. Fair EBL	*	-150	-5	0	0	*	AG	212	6.7	.0	10.0
J. Fair WBA	*	150	9	0	9	*	AG	1233	6.7	.0	10.0
K. Fair WBD	*	0	9	-150	9	*	AG	962	6.7	.0	10.0
L. Fair WBL	*	150	5	0	0	*	AG	69	6.7	.0	10.0
M. Van NBA	*	2	-750	2	-150	*	AG	218	6.7	.0	10.0
N. Van NBD	*	2	150	2	750	*	AG	662	6.7	.0	10.0
O. Van SBA	*	-5	750	-5	150	*	AG	151	6.7	.0	10.0
P. Van SBD	*	-5	-150	-5	-750	*	AG	180	6.7	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	*	AG	815	6.7	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	682	6.7	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	1302	6.7	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	962	6.7	.0	10.0

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

JOB: OC Fair Existing Interim + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	8	-14	1.8
2. NW	*	-12	15	1.8
3. SW	*	-12	-14	1.8
4. NE	*	8	17	1.8
5. ES mdblk	*	150	-14	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-14	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	8	-150	1.8
10. NW mdblk	*	-12	150	1.8
11. SW mdblk	*	-12	-150	1.8
12. NE mdblk	*	8	150	1.8
13. ES blk	*	600	-14	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-14	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	8	-600	1.8
18. NW blk	*	-12	600	1.8
19. SW blk	*	-12	-600	1.8
20. NE blk	*	8	600	1.8

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

JOB: OC Fair Existing Interim + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	354.	1.5	.0	.5	.0	.0	.0	.0	.0	.3
2. NW	97.	1.9	.0	.2	.0	.0	.0	.0	.0	.1
3. SW	82.	1.5	.0	.0	.0	.0	.0	.0	.0	.6
4. NE	262.	1.6	.0	.3	.0	.0	.0	.0	.1	.0
5. ES mdblk	277.	1.4	.0	.0	.0	.0	.0	.0	.0	.6
6. WN mdblk	97.	1.6	.0	.0	.0	.0	.0	.0	.1	.1
7. WS mdblk	83.	1.5	.0	.0	.0	.0	.0	.0	.6	.0
8. EN mdblk	262.	1.5	.0	.0	.0	.0	.0	.0	.1	.1
9. SE mdblk	356.	.7	.1	.1	.0	.0	.0	.0	.0	.0
10. NW mdblk	171.	.8	.0	.3	.0	.0	.0	.1	.0	.0
11. SW mdblk	5.	.7	.0	.1	.0	.0	.2	.0	.0	.0
12. NE mdblk	187.	1.0	.0	.6	.0	.0	.0	.0	.0	.0
13. ES blk	277.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	355.	.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	1.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Interim + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
2. NW	*	.0	.9	.1	.0	.0	.0	.0	.0	.0	.2	.2	.0
3. SW	*	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
4. NE	*	.0	.0	.7	.0	.0	.0	.0	.0	.2	.0	.0	.1
5. ES mdblk	*	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	*	.0	.1	.9	.0	.0	.0	.0	.0	.0	.0	.1	.0
7. WS mdblk	*	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	*	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.5	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	1.0
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.4
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.0	.0
17. SE blk	*	.0	.0	.0	.0	.3	.0	.0	.1	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.7	.1	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Interim + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	0	-150	0	0	* AG	0	9.8	.0	10.0
B. Newport NBD	*	0	0	0	150	* AG	0	9.8	.0	10.0
C. Newport NBL	*	2	-150	2	0	* AG	0	9.8	.0	10.0
D. Newport SBA	*	-9	150	-9	0	* AG	1820	9.8	.0	10.0
E. Newport SBD	*	-9	0	-9	-150	* AG	953	9.8	.0	10.0
F. Newport SBL	*	-5	150	0	0	* AG	634	9.8	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	* AG	833	9.8	.0	10.0
H. Fair EBD	*	0	-7	150	-7	* AG	1425	9.8	.0	10.0
I. Fair EBL	*	-150	-2	0	0	* AG	0	9.8	.0	10.0
J. Fair WBA	*	150	7	0	7	* AG	316	9.8	.0	10.0
K. Fair WBD	*	0	7	-150	7	* AG	1312	9.8	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	87	9.8	.0	10.0
M. Newport NBA	*	0	-750	0	-150	* AG	0	9.8	.0	10.0
N. Newport NBD	*	0	150	0	750	* AG	0	9.8	.0	10.0
O. Newport SBA	*	-9	750	-9	150	* AG	2454	9.8	.0	10.0
P. Newport SBD	*	-9	-150	-9	-750	* AG	953	9.8	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	* AG	833	9.8	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	1425	9.8	.0	10.0
S. Fair WBAX	*	750	7	150	7	*	AG	403	9.8	.0	10.0
T. Fair WBDX	*	-150	7	-750	7	*	AG	1312	9.8	.0	10.0

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

JOB: OC Fair Existing Interim + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	7	-16	1.8
2. NW	*	-17	14	1.8
3. SW	*	-15	-17	1.8
4. NE	*	7	14	1.8
5. ES mdblk	*	150	-16	1.8
6. WN mdblk	*	-150	14	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	14	1.8
9. SE mdblk	*	7	-150	1.8
10. NW mdblk	*	-17	150	1.8
11. SW mdblk	*	-15	-150	1.8
12. NE mdblk	*	7	150	1.8
13. ES blk	*	600	-16	1.8
14. WN blk	*	-600	14	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	14	1.8
17. SE blk	*	7	-600	1.8
18. NW blk	*	-17	600	1.8
19. SW blk	*	-15	-600	1.8
20. NE blk	*	7	600	1.8

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

JOB: OC Fair Existing Interim + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	3.0	.0	.0	.0	.9	.0	.7	.0	.8
2. NW	100.	3.2	.0	.0	.0	1.0	.0	.3	.0	.6
3. SW	6.	3.6	.0	.0	.0	1.7	.3	.4	.4	.0
4. NE	263.	3.6	.0	.0	.0	.7	.0	.4	.3	.0
5. ES mdblk	278.	2.3	.0	.0	.0	.1	.0	.0	.1	1.2
6. WN mdblk	97.	2.8	.0	.0	.0	.0	.0	.0	.2	.3
7. WS mdblk	82.	1.8	.0	.0	.0	.1	.0	.0	.7	.2
8. EN mdblk	264.	1.9	.0	.0	.0	.0	.0	.0	.2	.3
9. SE mdblk	354.	1.5	.0	.0	.0	.3	.4	.1	.0	.0
10. NW mdblk	170.	2.7	.0	.0	.0	1.8	.0	.5	.0	.1
11. SW mdblk	5.	2.2	.0	.0	.0	.3	1.2	.2	.0	.0
12. NE mdblk	191.	2.0	.0	.0	.0	1.0	.1	.5	.1	.0
13. ES blk	277.	2.2	.0	.0	.0	.1	.0	.0	.0	.0
14. WN blk	97.	2.8	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	2.0	.0	.0	.0	.1	.0	.0	.0	.0
16. EN blk	263.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.8	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Interim + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0
2. NW	*	.0	.4	.5	.0	.0	.0	.0	.0	.0	.3	.0	.0
3. SW	*	.0	.0	.4	.0	.0	.0	.5	.0	.0	.0	.0	.0
4. NE	*	.0	.0	1.6	.0	.0	.0	.0	.0	.3	.0	.0	.3
5. ES mdblk	*	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	*	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.2	.0	.0
7. WS mdblk	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0
8. EN mdblk	*	.0	.5	.2	.1	.0	.0	.0	.0	.2	.0	.0	.2
9. SE mdblk	*	.0	.0	.1	.0	.0	.0	.3	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.3	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	1.9
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.7
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.7	.0
17. SE blk	*	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.0	2.4	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.0	1.4	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Interim + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	4	-150	4	0	* AG	891	7.9	.0	10.0
B. Newport NBD	*	4	0	4	150	* AG	2141	7.9	.0	10.0
C. Newport NBL	*	2	-150	2	0	* AG	191	7.9	.0	10.0
D. Newport SBA	*	0	150	0	0	* AG	0	7.9	.0	10.0
E. Newport SBD	*	0	0	0	-150	* AG	0	7.9	.0	10.0
F. Newport SBL	*	-2	150	0	0	* AG	0	7.9	.0	10.0
G. Del EBA	*	-150	-11	0	-11	* AG	332	7.9	.0	10.0
H. Del EBD	*	0	-11	150	-11	* AG	432	7.9	.0	10.0
I. Del EBL	*	-150	-9	0	0	* AG	1037	7.9	.0	10.0
J. Del WBA	*	150	7	0	7	* AG	532	7.9	.0	10.0
K. Del WBD	*	0	7	-150	7	* AG	410	7.9	.0	10.0
L. Del WBL	*	150	2	0	0	* AG	0	7.9	.0	10.0
M. Newport NBA	*	4	-750	4	-150	* AG	1082	7.9	.0	10.0
N. Newport NBD	*	4	150	4	750	* AG	2141	7.9	.0	10.0
O. Newport SBA	*	0	750	0	150	* AG	0	7.9	.0	10.0
P. Newport SBD	*	0	-150	0	-750	* AG	0	7.9	.0	10.0
Q. Del EBAX	*	-750	-11	-150	-11	* AG	1369	7.9	.0	10.0

R. Del EBDX	*	150	-11	750	-11	*	AG	432	7.9	.0	10.0
S. Del WBAX	*	750	7	150	7	*	AG	532	7.9	.0	10.0
T. Del WBDX	*	-150	7	-750	7	*	AG	410	7.9	.0	10.0

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

JOB: OC Fair Existing Interim + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	11	-17	1.8
2. NW	*	-7	15	1.8
3. SW	*	-7	-17	1.8
4. NE	*	10	17	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	11	-150	1.8
10. NW mdblk	*	-7	150	1.8
11. SW mdblk	*	-7	-150	1.8
12. NE mdblk	*	10	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	11	-600	1.8
18. NW blk	*	-7	600	1.8
19. SW blk	*	-7	-600	1.8
20. NE blk	*	10	600	1.8

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

JOB: OC Fair Existing Interim + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	354.	2.3	.0	1.4	.0	.0	.0	.0	.0	.2
2. NW	97.	1.7	.0	.8	.0	.0	.0	.0	.0	.0
3. SW	7.	2.1	.0	1.2	.0	.0	.0	.0	.2	.0
4. NE	260.	2.2	.0	1.1	.0	.0	.0	.0	.0	.0
5. ES mdblk	276.	1.3	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	99.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	277.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	264.	1.2	.0	.1	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	1.6	.8	.2	.2	.0	.0	.0	.0	.0
10. NW mdblk	172.	1.6	.1	1.2	.0	.0	.0	.0	.0	.0
11. SW mdblk	6.	1.3	.5	.3	.2	.0	.0	.0	.0	.0
12. NE mdblk	188.	2.5	.0	2.1	.0	.0	.0	.0	.0	.0
13. ES blk	276.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	2.5	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Interim + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	.0	.1	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
2. NW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
3. SW	.3	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
4. NE	.4	.0	.3	.0	.0	.0	.0	.0	.3	.0	.0	.0
5. ES mdblk	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
6. WN mdblk	.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.2
8. EN mdblk	.2	.4	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.2	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.4
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.0
17. SE blk	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0

ORANGE COUNTY FAIR

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

EXISTING FAIR EVENT PLUS MASTER PLAN

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

JOB: OC Fair Existing Fair + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Harbor NBA	*	14	-150	14	0	* AG	1831	7.9	.0	10.0
B. Harbor NBD	*	14	0	14	150	* AG	2256	7.9	.0	10.0
C. Harbor NBL	*	9	-150	2	0	* AG	301	7.9	.0	10.0
D. Harbor SBA	*	-14	150	-14	0	* AG	2266	7.9	.0	10.0
E. Harbor SBD	*	-14	0	-14	-150	* AG	2190	7.9	.0	10.0
F. Harbor SBL	*	-9	150	0	0	* AG	132	7.9	.0	10.0
G. Adams EBA	*	-150	-12	0	-12	* AG	753	7.9	.0	10.0
H. Adams EBD	*	0	-12	150	-12	* AG	953	7.9	.0	10.0
I. Adams EBL	*	-150	-9	0	0	* AG	516	7.9	.0	10.0
J. Adams WBA	*	150	14	0	14	* AG	574	7.9	.0	10.0
K. Adams WBD	*	0	14	-150	14	* AG	1223	7.9	.0	10.0
L. Adams WBL	*	150	9	0	0	* AG	249	7.9	.0	10.0
M. Harbor NBAX	*	14	-750	14	-150	* AG	2132	7.9	.0	10.0
N. Harbor NBDX	*	14	150	14	750	* AG	2256	7.9	.0	10.0
O. Harbor SBAX	*	-14	750	-14	150	* AG	2398	7.9	.0	10.0
P. Harbor SBDX	*	-14	-150	-14	-750	* AG	2190	7.9	.0	10.0
Q. Adams EBAX	*	-750	-12	-150	-12	* AG	1269	7.9	.0	10.0

R. Adams EBDX	*	150	-12	750	-12	*	AG	953	7.9	.0	10.0
S. Adams WBAX	*	750	14	150	14	*	AG	823	7.9	.0	10.0
T. Adams WBDX	*	-150	14	-750	14	*	AG	1223	7.9	.0	10.0

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

JOB: OC Fair Existing Fair + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	24	-19	1.8
2. NW	*	-24	22	1.8
3. SW	*	-23	-21	1.8
4. NE	*	22	24	1.8
5. ES mdblk	*	150	-19	1.8
6. WN mdblk	*	-150	22	1.8
7. WS mdblk	*	-150	-21	1.8
8. EN mdblk	*	150	24	1.8
9. SE mdblk	*	24	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-23	-150	1.8
12. NE mdblk	*	22	150	1.8
13. ES blk	*	600	-19	1.8
14. WN blk	*	-600	22	1.8
15. WS blk	*	-600	-21	1.8
16. EN blk	*	600	24	1.8
17. SE blk	*	24	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-23	-600	1.8
20. NE blk	*	22	600	1.8

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

JOB: OC Fair Existing Fair + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	278.	3.0	.7	.0	.0	.0	.4	.0	.6	.4
2. NW	170.	3.1	.2	.0	.0	.1	1.2	.0	.2	.0
3. SW	10.	3.2	.0	.2	.0	1.3	.2	.0	.3	.0
4. NE	190.	3.0	1.1	.4	.1	.0	.2	.0	.0	.2
5. ES mdblk	277.	2.3	.1	.0	.0	.1	.0	.0	.0	1.0
6. WN mdblk	99.	2.1	.0	.0	.0	.1	.0	.0	.0	.2
7. WS mdblk	80.	1.9	.0	.1	.0	.1	.0	.0	.7	.0
8. EN mdblk	262.	1.7	.0	.1	.0	.1	.0	.0	.1	.0
9. SE mdblk	350.	2.5	1.2	.1	.1	.3	.1	.0	.0	.0
10. NW mdblk	171.	2.6	.3	.0	.0	1.3	.2	.0	.0	.0
11. SW mdblk	9.	2.7	.0	.3	.0	.2	1.4	.0	.0	.0
12. NE mdblk	189.	2.9	.1	1.6	.0	.1	.3	.0	.0	.0
13. ES blk	277.	1.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	2.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.9	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Fair + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.2	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.3
2. NW	*	.1	.0	.6	.0	.5	.0	.0	.2	.0	.0	.0	.0
3. SW	*	.2	.0	.3	.0	.0	.5	.2	.0	.0	.0	.0	.0
4. NE	*	.0	.2	.0	.0	.2	.0	.0	.5	.0	.0	.0	.0
5. ES mdblk	*	.1	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.2
6. WN mdblk	*	.1	.0	1.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	*	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	*	.1	.4	.1	.0	.0	.0	.0	.0	.2	.0	.0	.1
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.3	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	1.1
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.4
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.7	.0
17. SE blk	*	.0	.0	.0	.0	1.5	.0	.0	.5	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.5	1.6	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.5	.0	.0	1.6	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.8	.6	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Fair + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	11	-150	11	0	AG	462	6.7	.0	10.0
B. Fairview NBD	11	0	11	150	AG	766	6.7	.0	10.0
C. Fairview NBL	5	-150	2	0	AG	79	6.7	.0	10.0
D. Fairview SBA	-14	150	-14	0	AG	471	6.7	.0	10.0
E. Fairview SBD	-14	0	-14	-150	AG	448	6.7	.0	10.0
F. Fairview SBL	-9	150	0	0	AG	630	6.7	.0	10.0
G. Fair EBA	-150	-9	0	-9	AG	313	6.7	.0	10.0
H. Fair EBD	0	-9	150	-9	AG	977	6.7	.0	10.0
I. Fair EBL	-150	-5	0	0	AG	81	6.7	.0	10.0
J. Fair WBA	150	9	0	9	AG	493	6.7	.0	10.0
K. Fair WBD	0	9	-150	9	AG	370	6.7	.0	10.0
L. Fair WBL	150	5	0	0	AG	32	6.7	.0	10.0
M. Fairview NBA	11	-750	11	-150	AG	541	6.7	.0	10.0
N. Fairview NBD	11	150	11	750	AG	766	6.7	.0	10.0
O. Fairview SBA	-14	750	-14	150	AG	1101	6.7	.0	10.0
P. Fairview SBD	-14	-150	-14	-750	AG	448	6.7	.0	10.0
Q. Fair EBAX	-750	-9	-150	-9	AG	394	6.7	.0	10.0

R. Fair EBDX	*	150	-9	750	-9	*	AG	977	6.7	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	525	6.7	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	370	6.7	.0	10.0

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

JOB: OC Fair Existing Fair + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	21	-15	1.8
2. NW	*	-24	15	1.8
3. SW	*	-22	-17	1.8
4. NE	*	19	17	1.8
5. ES mdblk	*	150	-15	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	21	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-22	-150	1.8
12. NE mdblk	*	19	150	1.8
13. ES blk	*	600	-15	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	21	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-22	-600	1.8
20. NE blk	*	19	600	1.8

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

JOB: OC Fair Existing Fair + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	350.	1.6	.0	.5	.0	.0	.0	.2	.0	.4
2. NW	97.	1.4	.0	.1	.0	.2	.0	.1	.0	.2
3. SW	83.	1.3	.0	.0	.0	.0	.2	.0	.0	.6
4. NE	262.	1.1	.0	.3	.0	.0	.0	.2	.0	.0
5. ES mdblk	279.	1.4	.0	.0	.0	.0	.0	.0	.0	.9
6. WN mdblk	96.	1.0	.0	.0	.0	.0	.0	.0	.0	.2
7. WS mdblk	84.	.9	.0	.0	.0	.0	.0	.0	.2	.1
8. EN mdblk	262.	.9	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdblk	354.	1.0	.3	.1	.0	.0	.0	.1	.0	.0
10. NW mdblk	8.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	7.	1.0	.0	.1	.0	.0	.3	.1	.0	.0
12. NE mdblk	189.	1.1	.0	.6	.0	.0	.0	.1	.0	.0
13. ES blk	277.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.8	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.8	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	.8	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.2	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Fair + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.1	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
2. NW	*	.0	.3	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0
3. SW	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0
4. NE	*	.0	.0	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.4	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
8. EN mdblk	*	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.3	.8	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.4
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.1
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	.0
17. SE blk	*	.0	.0	.0	.0	.4	.0	.0	.1	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.2	.8	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.7	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Fair + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	7	-150	7	0	*	AG	1482	7.9	.0	10.0
B. Fairview NBD	*	7	0	7	150	*	AG	1586	7.9	.0	10.0
C. Fairview NBL	*	2	-150	2	0	*	AG	0	7.9	.0	10.0
D. Fairview SBA	*	-12	150	-12	0	*	AG	1347	7.9	.0	10.0
E. Fairview SBD	*	-12	0	-12	-150	*	AG	1975	7.9	.0	10.0
F. Fairview SBL	*	-9	150	0	0	*	AG	478	7.9	.0	10.0
G. SRamp EBA	*	-150	-11	0	-11	*	AG	628	7.9	.0	10.0
H. SRamp EBD	*	0	-11	150	-11	*	AG	934	7.9	.0	10.0
I. SRamp EBL	*	-150	-9	0	0	*	AG	560	7.9	.0	10.0
J. SRamp WBA	*	150	0	0	0	*	AG	0	7.9	.0	10.0
K. SRamp WBD	*	0	0	-150	0	*	AG	0	7.9	.0	10.0
L. SRamp WBL	*	150	2	0	0	*	AG	0	7.9	.0	10.0
M. Fairview NBA	*	7	-750	7	-150	*	AG	1482	7.9	.0	10.0
N. Fairview NBD	*	7	150	7	750	*	AG	1586	7.9	.0	10.0
O. Fairview SBA	*	-12	750	-12	150	*	AG	1825	7.9	.0	10.0
P. Fairview SBD	*	-12	-150	-12	-750	*	AG	1975	7.9	.0	10.0
Q. SRamp EBAX	*	-750	-11	-150	-11	*	AG	1188	7.9	.0	10.0

R.	SRamp EBDX	*	150	-11	750	-11	*	AG	934	7.9	.0	10.0
S.	SRamp WBAX	*	750	0	150	0	*	AG	0	7.9	.0	10.0
T.	SRamp WBDX	*	-150	0	-750	0	*	AG	0	7.9	.0	10.0

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

JOB: OC Fair Existing Fair + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-17	1.8
2. NW	*	-21	7	1.8
3. SW	*	-21	-17	1.8
4. NE	*	15	7	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	7	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	7	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-21	-150	1.8
12. NE mdblk	*	15	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	7	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	7	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-21	-600	1.8
20. NE blk	*	15	600	1.8

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

JOB: OC Fair Existing Fair + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	351.	2.5	.0	1.0	.0	.2	.0	.2	.0	.5
2. NW	172.	2.8	.2	.0	.0	.0	1.5	.0	.2	.0
3. SW	9.	2.7	.0	.3	.0	1.0	.2	.2	.3	.0
4. NE	188.	2.4	1.2	.0	.0	.0	.2	.0	.0	.3
5. ES mdblk	276.	1.7	.0	.0	.0	.0	.0	.0	.0	1.0
6. WN mdblk	98.	1.2	.1	.0	.0	.0	.2	.0	.2	.2
7. WS mdblk	81.	1.7	.0	.1	.0	.0	.0	.0	.7	.0
8. EN mdblk	264.	1.0	.1	.0	.0	.0	.1	.0	.1	.3
9. SE mdblk	352.	2.1	.9	.2	.0	.2	.2	.0	.0	.0
10. NW mdblk	172.	2.4	.3	.2	.0	1.1	.2	.2	.0	.0
11. SW mdblk	8.	2.6	.2	.3	.0	.1	1.5	.0	.0	.0
12. NE mdblk	188.	2.4	.1	1.2	.0	.2	.3	.2	.0	.0
13. ES blk	276.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.4	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Fair + MP 3
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. SE	*	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0
2. NW	*	.3	.0	.0	.0	.4	.0	.0	.3	.0	.0	.0	.0
3. SW	*	.2	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.0	.0	.2	.0	.0	.5	.0	.0	.0	.0
5. ES mdblk	*	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
6. WN mdblk	*	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	*	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0	.0
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0
17. SE blk	*	.0	.0	.0	.0	1.1	.0	.0	.6	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.6	1.6	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.5	.0	.0	1.7	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.4	.6	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Fair + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	9	-150	9	0	*	AG	1225	7.9	.0	10.0
B. Fairview NBD	*	9	0	9	150	*	AG	1798	7.9	.0	10.0
C. Fairview NBL	*	5	-150	2	0	*	AG	364	7.9	.0	10.0
D. Fairview SBA	*	-9	150	-9	0	*	AG	1833	7.9	.0	10.0
E. Fairview SBD	*	-9	0	-9	-150	*	AG	1820	7.9	.0	10.0
F. Fairview SBL	*	-2	150	0	0	*	AG	0	7.9	.0	10.0
G. NRamp EBA	*	-150	0	0	0	*	AG	0	7.9	.0	10.0
H. NRamp EBD	*	0	0	150	0	*	AG	0	7.9	.0	10.0
I. NRamp EBL	*	-150	-2	0	0	*	AG	0	7.9	.0	10.0
J. NRamp WBA	*	150	11	0	11	*	AG	573	7.9	.0	10.0
K. NRamp WBD	*	0	11	-150	11	*	AG	886	7.9	.0	10.0
L. NRamp WBL	*	150	9	0	0	*	AG	509	7.9	.0	10.0
M. Fairview NBA	*	9	-750	9	-150	*	AG	1589	7.9	.0	10.0
N. Fairview NBD	*	9	150	9	750	*	AG	1798	7.9	.0	10.0
O. Fairview SBA	*	-9	750	-9	150	*	AG	1833	7.9	.0	10.0
P. Fairview SBD	*	-9	-150	-9	-750	*	AG	1820	7.9	.0	10.0
Q. NRamp EBAX	*	-750	0	-150	0	*	AG	0	7.9	.0	10.0

R.	NRamp	EBDX	*	150	0	750	0	*	AG	0	7.9	.0	10.0
S.	NRamp	WBAX	*	750	11	150	11	*	AG	1082	7.9	.0	10.0
T.	NRamp	WBDX	*	-150	11	-750	11	*	AG	886	7.9	.0	10.0

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

JOB: OC Fair Existing Fair + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-7	1.8
2. NW	*	-21	17	1.8
3. SW	*	-19	-7	1.8
4. NE	*	17	17	1.8
5. ES mdblk	*	150	-7	1.8
6. WN mdblk	*	-150	17	1.8
7. WS mdblk	*	-150	-7	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-19	-150	1.8
12. NE mdblk	*	17	150	1.8
13. ES blk	*	600	-7	1.8
14. WN blk	*	-600	17	1.8
15. WS blk	*	-600	-7	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-19	-600	1.8
20. NE blk	*	17	600	1.8

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

JOB: OC Fair Existing Fair + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	2.8	.0	1.4	.0	.3	.0	.0	.0	.0
2. NW	171.	2.4	.2	.0	.1	.0	1.0	.0	.0	.0
3. SW	8.	2.4	.0	.2	.0	1.1	.0	.0	.0	.0
4. NE	189.	2.7	.9	.2	.2	.0	.4	.0	.0	.0
5. ES mdblk	278.	1.1	.0	.1	.0	.1	.0	.0	.0	.0
6. WN mdblk	96.	1.6	.0	.0	.0	.1	.0	.0	.0	.0
7. WS mdblk	84.	1.0	.0	.1	.0	.1	.0	.0	.0	.0
8. EN mdblk	262.	1.6	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	352.	2.4	1.0	.2	.2	.3	.3	.0	.0	.0
10. NW mdblk	172.	2.1	.2	.2	.0	.9	.2	.0	.0	.0
11. SW mdblk	8.	2.3	.2	.3	.1	.2	1.1	.0	.0	.0
12. NE mdblk	188.	2.5	.1	1.3	.0	.3	.3	.0	.0	.0
13. ES blk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	2.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	2.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	2.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	2.5	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Fair + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.2	.0	.2	.0	.3	.5	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.5	.0	.4	.0	.0	.2	.0	.0	.0	.0
3. SW	*	.0	.0	.3	.0	.0	.5	.3	.0	.0	.0	.0	.0
4. NE	*	.0	.3	.0	.2	.2	.0	.0	.4	.0	.0	.0	.0
5. ES mdblk	*	.0	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	*	.0	.0	.9	.1	.0	.0	.0	.0	.0	.0	.1	.0
7. WS mdblk	*	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	*	.0	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0
17. SE blk	*	.0	.0	.0	.0	1.4	.0	.0	.6	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.6	1.2	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.6	.0	.0	1.3	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.6	.6	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Fair + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Van NBA	*	2	-150	2	0	*	AG	32	6.7	.0	10.0
B. Van NBD	*	2	0	2	150	*	AG	155	6.7	.0	10.0
C. Van NBL	*	2	-150	2	0	*	AG	22	6.7	.0	10.0
D. Van SBA	*	-5	150	-5	0	*	AG	93	6.7	.0	10.0
E. Van SBD	*	-5	0	-5	-150	*	AG	594	6.7	.0	10.0
F. Van SBL	*	-5	150	0	0	*	AG	65	6.7	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	*	AG	554	6.7	.0	10.0
H. Fair EBD	*	0	-7	150	-7	*	AG	488	6.7	.0	10.0
I. Fair EBL	*	-150	-5	0	0	*	AG	76	6.7	.0	10.0
J. Fair WBA	*	150	9	0	9	*	AG	547	6.7	.0	10.0
K. Fair WBD	*	0	9	-150	9	*	AG	579	6.7	.0	10.0
L. Fair WBL	*	150	5	0	0	*	AG	427	6.7	.0	10.0
M. Van NBA	*	2	-750	2	-150	*	AG	54	6.7	.0	10.0
N. Van NBD	*	2	150	2	750	*	AG	155	6.7	.0	10.0
O. Van SBA	*	-5	750	-5	150	*	AG	158	6.7	.0	10.0
P. Van SBD	*	-5	-150	-5	-750	*	AG	594	6.7	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	*	AG	630	6.7	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	488	6.7	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	974	6.7	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	579	6.7	.0	10.0

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

JOB: OC Fair Existing Fair + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	8	-14	1.8
2. NW	*	-12	15	1.8
3. SW	*	-12	-14	1.8
4. NE	*	8	17	1.8
5. ES mdblk	*	150	-14	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-14	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	8	-150	1.8
10. NW mdblk	*	-12	150	1.8
11. SW mdblk	*	-12	-150	1.8
12. NE mdblk	*	8	150	1.8
13. ES blk	*	600	-14	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-14	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	8	-600	1.8
18. NW blk	*	-12	600	1.8
19. SW blk	*	-12	-600	1.8
20. NE blk	*	8	600	1.8

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

JOB: OC Fair Existing Fair + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	277.	1.2	.0	.0	.0	.0	.2	.0	.5	.0
2. NW	97.	1.2	.0	.0	.0	.0	.0	.0	.0	.1
3. SW	82.	1.4	.0	.0	.0	.0	.3	.0	.0	.4
4. NE	262.	1.0	.0	.0	.0	.0	.0	.0	.1	.0
5. ES mdblk	277.	1.1	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	97.	1.1	.0	.0	.0	.0	.0	.0	.1	.0
7. WS mdblk	83.	1.2	.0	.0	.0	.0	.0	.0	.5	.0
8. EN mdblk	262.	1.1	.0	.0	.0	.0	.0	.0	.1	.0
9. SE mdblk	353.	.6	.0	.0	.0	.0	.2	.0	.0	.0
10. NW mdblk	175.	.6	.0	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	7.	.9	.0	.0	.0	.0	.6	.0	.0	.0
12. NE mdblk	185.	.6	.0	.2	.0	.0	.1	.0	.0	.0
13. ES blk	277.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	34.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.9	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	185.	.5	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Fair + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.2
2. NW	.0	.5	.0	.2	.0	.0	.0	.0	.0	.1	.2	.0
3. SW	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0
4. NE	.0	.0	.4	.0	.0	.0	.0	.0	.2	.0	.0	.0
5. ES mdblk	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.4	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.6
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Fair + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	0	-150	0	0	* AG	0	6.7	.0	10.0
B. Newport NBD	*	0	0	0	150	* AG	0	6.7	.0	10.0
C. Newport NBL	*	2	-150	2	0	* AG	0	6.7	.0	10.0
D. Newport SBA	*	-9	150	-9	0	* AG	1097	6.7	.0	10.0
E. Newport SBD	*	-9	0	-9	-150	* AG	837	6.7	.0	10.0
F. Newport SBL	*	-5	150	0	0	* AG	277	6.7	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	* AG	535	6.7	.0	10.0
H. Fair EBD	*	0	-7	150	-7	* AG	788	6.7	.0	10.0
I. Fair EBL	*	-150	-2	0	0	* AG	0	6.7	.0	10.0
J. Fair WBA	*	150	7	0	7	* AG	263	6.7	.0	10.0
K. Fair WBD	*	0	7	-150	7	* AG	675	6.7	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	128	6.7	.0	10.0
M. Newport NBA	*	0	-750	0	-150	* AG	0	6.7	.0	10.0
N. Newport NBD	*	0	150	0	750	* AG	0	6.7	.0	10.0
O. Newport SBA	*	-9	750	-9	150	* AG	1374	6.7	.0	10.0
P. Newport SBD	*	-9	-150	-9	-750	* AG	837	6.7	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	* AG	535	6.7	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	788	6.7	.0	10.0
S. Fair WBAX	*	750	7	150	7	*	AG	391	6.7	.0	10.0
T. Fair WBDX	*	-150	7	-750	7	*	AG	675	6.7	.0	10.0

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

JOB: OC Fair Existing Fair + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	7	-16	1.8
2. NW	*	-17	14	1.8
3. SW	*	-15	-17	1.8
4. NE	*	7	14	1.8
5. ES mdblk	*	150	-16	1.8
6. WN mdblk	*	-150	14	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	14	1.8
9. SE mdblk	*	7	-150	1.8
10. NW mdblk	*	-17	150	1.8
11. SW mdblk	*	-15	-150	1.8
12. NE mdblk	*	7	150	1.8
13. ES blk	*	600	-16	1.8
14. WN blk	*	-600	14	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	14	1.8
17. SE blk	*	7	-600	1.8
18. NW blk	*	-17	600	1.8
19. SW blk	*	-15	-600	1.8
20. NE blk	*	7	600	1.8

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

JOB: OC Fair Existing Fair + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	353.	1.3	.0	.0	.0	.4	.0	.2	.0	.3
2. NW	98.	1.4	.0	.0	.0	.4	.0	.0	.0	.2
3. SW	6.	1.6	.0	.0	.0	.8	.2	.1	.2	.0
4. NE	263.	1.4	.0	.0	.0	.3	.0	.1	.1	.0
5. ES mdblk	278.	1.0	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	97.	1.2	.0	.0	.0	.0	.0	.0	.1	.1
7. WS mdblk	83.	.9	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	264.	.9	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdblk	354.	.7	.0	.0	.0	.2	.3	.0	.0	.0
10. NW mdblk	171.	1.2	.0	.0	.0	.8	.0	.2	.0	.0
11. SW mdblk	5.	1.2	.0	.0	.0	.1	.7	.0	.0	.0
12. NE mdblk	188.	.9	.0	.0	.0	.4	.1	.2	.0	.0
13. ES blk	277.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.9	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.8	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Fair + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
2. NW	.0	.2	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0
3. SW	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NE	.0	.0	.6	.0	.0	.0	.0	.0	.2	.0	.0	.1
5. ES mdblk	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.6	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.2	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.7
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.3
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.5	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0

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

JOB: OC Fair Existing Fair + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	4	-150	4	0	* AG	910	6.7	.0	10.0
B. Newport NBD	*	4	0	4	150	* AG	1613	6.7	.0	10.0
C. Newport NBL	*	2	-150	2	0	* AG	166	6.7	.0	10.0
D. Newport SBA	*	0	150	0	0	* AG	0	6.7	.0	10.0
E. Newport SBD	*	0	0	0	-150	* AG	0	6.7	.0	10.0
F. Newport SBL	*	-2	150	0	0	* AG	0	6.7	.0	10.0
G. Del EBA	*	-150	-11	0	-11	* AG	279	6.7	.0	10.0
H. Del EBD	*	0	-11	150	-11	* AG	362	6.7	.0	10.0
I. Del EBL	*	-150	-9	0	0	* AG	523	6.7	.0	10.0
J. Del WBA	*	150	7	0	7	* AG	488	6.7	.0	10.0
K. Del WBD	*	0	7	-150	7	* AG	391	6.7	.0	10.0
L. Del WBL	*	150	2	0	0	* AG	0	6.7	.0	10.0
M. Newport NBA	*	4	-750	4	-150	* AG	1076	6.7	.0	10.0
N. Newport NBD	*	4	150	4	750	* AG	1613	6.7	.0	10.0
O. Newport SBA	*	0	750	0	150	* AG	0	6.7	.0	10.0
P. Newport SBD	*	0	-150	0	-750	* AG	0	6.7	.0	10.0
Q. Del EBAX	*	-750	-11	-150	-11	* AG	802	6.7	.0	10.0

R. Del EBDX	*	150	-11	750	-11	*	AG	362	6.7	.0	10.0
S. Del WBAX	*	750	7	150	7	*	AG	488	6.7	.0	10.0
T. Del WBDX	*	-150	7	-750	7	*	AG	391	6.7	.0	10.0

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

JOB: OC Fair Existing Fair + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	11	-17	1.8
2. NW	*	-7	15	1.8
3. SW	*	-7	-17	1.8
4. NE	*	10	17	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	11	-150	1.8
10. NW mdblk	*	-7	150	1.8
11. SW mdblk	*	-7	-150	1.8
12. NE mdblk	*	10	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	11	-600	1.8
18. NW blk	*	-7	600	1.8
19. SW blk	*	-7	-600	1.8
20. NE blk	*	10	600	1.8

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

JOB: OC Fair Existing Fair + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	354.	1.6	.0	1.0	.0	.0	.0	.0	.0	.2
2. NW	173.	1.2	.5	.0	.1	.0	.0	.0	.0	.0
3. SW	7.	1.4	.0	.8	.0	.0	.0	.0	.1	.0
4. NE	188.	1.6	.7	.4	.1	.0	.0	.0	.0	.0
5. ES mdblk	276.	.9	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	98.	.8	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	80.	1.1	.0	.1	.0	.0	.0	.0	.3	.0
8. EN mdblk	264.	.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	1.2	.7	.2	.1	.0	.0	.0	.0	.0
10. NW mdblk	172.	1.1	.0	.8	.0	.0	.0	.0	.0	.0
11. SW mdblk	6.	1.1	.5	.2	.1	.0	.0	.0	.0	.0
12. NE mdblk	188.	1.7	.0	1.4	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.8	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.8	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.7	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.9	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.7	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Existing Fair + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.1	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
2. NW	*	.1	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0
3. SW	*	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NE	*	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.4
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0
17. SE blk	*	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0

ORANGE COUNTY FAIR

AIR QUALITY REGIONAL EMISSIONS

URBEMIS 2001 MODEL PRINTOUTS

INTERIM EVENT

URBEMIS 2001 For Windows 6.2.1

File Name: C:\Program Files\URBEMIS 2001 For Windows\Projects2k\OC Fairground
Project Name: Orange County Fairground - Interim Event
Project Location: South Coast Air Basin (Los Angeles area)

SUMMARY REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	PM10	SO2
TOTALS(lbs/day,unmitigated)	0.10	0.01	0.69	0.00	0.00

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	PM10	SO2
TOTALS (ppd, unmitigated)	20.58	19.52	235.35	9.81	0.15

URBEMIS 2001 For Windows 6.2.1

File Name: C:\Program Files\URBEMIS 2001 For Windows\Projects2k\OC Fairgroun
Project Name: Orange County Fairground - Interim Event
Project Location: South Coast Air Basin (Los Angeles area)

SUMMARY REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	PM10	SO2
TOTALS(lbs/day,unmitigated)	0.00	0.00	0.00	0.00	0.00

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	PM10	SO2
TOTALS (ppd, unmitigated)	20.11	29.06	230.64	9.81	0.14

URBEMIS 2001 For Windows 6.2.1

File Name: C:\Program Files\URBEMIS 2001 For Windows\Projects2k\OC Fairground
Project Name: Orange County Fairground - Interim Event
Project Location: South Coast Air Basin (Los Angeles area)

DETAIL REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES (Winter Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	PM10	SO2
Natural Gas	0.00	0.00	0.00	0.00	-
Wood Stoves	0.00	0.00	0.00	0.00	0.00
Fireplaces	0.00	0.00	0.00	0.00	0.00
Landscaping - No winter emissions					
Consumer Prdcts	0.00	-	-	-	-
TOTALS(lbs/day,unmitigated)	0.00	0.00	0.00	0.00	0.00

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	PM10	SO2
'airground - Interim Even	20.11	29.06	230.64	9.81	0.14
:OTAL EMISSIONS (lbs/day)	20.11	29.06	230.64	9.81	0.14

:ncludes correction for passby trips.
)oes not include double counting adjustment for internal trips.

)PERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2002 Temperature (F): 50 Season: Winter

EMFAC Version: EMFAC2001 (10/2001)

Summary of Land Uses:

Unit Type	Trip Rate	Size	Total Trips
Fairground - Interim Even	10.61 trips / acres	148.90	1,579.83

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	61.40	4.70	94.50	0.80
Light Truck < 3,750 lbs	9.30	11.00	88.90	0.10
Light Truck 3,751- 5,750	16.70	1.80	97.60	0.60
Med Truck 5,751- 8,500	7.20	12.50	79.20	8.30
Lite-Heavy 8,501-10,000	1.10	18.20	72.70	9.10
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.10	9.10	27.30	63.60
Heavy-Heavy 33,001-60,000	0.70	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.00	0.00	0.00	100.00
Motorcycle	1.40	90.90	9.10	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	0.70	0.00	100.00	0.00

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Rural Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Trip Speeds (mph)	35.0	40.0	40.0	40.0	40.0	40.0
% of Trips - Residential	20.0	37.0	43.0			
% of Trips - Commercial (by land use)						
Fairground - Interim Event				2.0	1.0	97.0

URBEMIS 2001 For Windows 6.2.1

File Name: C:\Program Files\URBEMIS 2001 For Windows\Projects2k\OC Fairground
Project Name: Orange County Fairground - Interim Event
Project Location: South Coast Air Basin (Los Angeles area)

DETAIL REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	PM10	SO2
Natural Gas	0.00	0.00	0.00	0.00	-
Wood Stoves - No summer emissions					
Fireplaces - No summer emissions					
Landscaping	0.10	0.01	0.69	0.00	0.00
Consumer Prdcts	0.00	-	-	-	-
TOTALS(lbs/day,unmitigated)	0.10	0.01	0.69	0.00	0.00

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	PM10	SO2
Fairground - Interim Even	20.58	19.52	235.35	9.81	0.15
TOTAL EMISSIONS (lbs/day)	20.58	19.52	235.35	9.81	0.15

Includes correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2002 Temperature (F): 90 Season: Summer

EMFAC Version: EMFAC2001 (10/2001)

Summary of Land Uses:

Unit Type	Trip Rate	Size	Total Trips
Fairground - Interim Even	10.61 trips / acres	148.90	1,579.83

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	61.40	4.70	94.50	0.80
Light Truck < 3,750 lbs	9.30	11.00	88.90	0.10
Light Truck 3,751- 5,750	16.70	1.80	97.60	0.60
Med Truck 5,751- 8,500	7.20	12.50	79.20	8.30
Lite-Heavy 8,501-10,000	1.10	18.20	72.70	9.10
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.10	9.10	27.30	63.60
Heavy-Heavy 33,001-60,000	0.70	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.00	0.00	0.00	100.00
Motorcycle	1.40	90.90	9.10	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	0.70	0.00	100.00	0.00

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Rural Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Trip Speeds (mph)	35.0	40.0	40.0	40.0	40.0	40.0
% of Trips - Residential	20.0	37.0	43.0			
% of Trips - Commercial (by land use)						
Fairground - Interim Event				2.0	1.0	97.0

ORANGE COUNTY FAIR

AIR QUALITY REGIONAL EMISSIONS

URBEMIS 2001 MODEL PRINTOUTS

INTERIM EVENT WITH CONCERT

URBEMIS 2001 For Windows 6.2.1

File Name: C:\Program Files\URBEMIS 2001 For Windows\Projects2k\OC Fairground
Project Name: Orange County Fairgrounds - Interim Event with Concert
Project Location: South Coast Air Basin (Los Angeles area)

SUMMARY REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	PM10	SO2
TOTALS(lbs/day,unmitigated)	0.10	0.01	0.69	0.00	0.00

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	PM10	SO2
TOTALS (ppd, unmitigated)	137.34	153.68	1,852.43	77.23	1.20

URBEMIS 2001 For Windows 6.2.1

File Name: C:\Program Files\URBEMIS 2001 For Windows\Projects2k\OC Fairgrou 1
Project Name: Orange County Fairgrounds - Interim Event with Concert
Project Location: South Coast Air Basin (Los Angeles area)

SUMMARY REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	PM10	SO2
TOTALS(lbs/day,unmitigated)	0.00	0.00	0.00	0.00	0.00

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	PM10	SO2
TOTALS (ppd, unmitigated)	157.64	228.73	1,815.32	77.23	1.08

URBEMIS 2001 For Windows 6.2.1

File Name: C:\Program Files\URBEMIS 2001 For Windows\Projects2k\OC Fairground
Project Name: Orange County Fairgrounds - Interim Event with Concert
Project Location: South Coast Air Basin (Los Angeles area)

DETAIL REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES (Winter Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	PM10	SO2
Natural Gas	0.00	0.00	0.00	0.00	-
Wood Stoves	0.00	0.00	0.00	0.00	0.00
Fireplaces	0.00	0.00	0.00	0.00	0.00
Landscaping - No winter emissions					
Consumer Prdcts	0.00	-	-	-	-
TOTALS(lbs/day,unmitigated)	0.00	0.00	0.00	0.00	0.00

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	PM10	SO2
Fairgrounds	157.64	228.73	1,815.32	77.23	1.08
TOTAL EMISSIONS (lbs/day)	157.64	228.73	1,815.32	77.23	1.08

Includes correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2002 Temperature (F): 50 Season: Winter

EMFAC Version: EMFAC2001 (10/2001)

Summary of Land Uses:

Unit Type	Trip Rate	Size	Total Trips
Fairgrounds	83.51 trips / acres	148.90	12,434.64

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	61.40	4.70	94.50	0.80
Light Truck < 3,750 lbs	9.30	11.00	88.90	0.10
Light Truck 3,751- 5,750	16.70	1.80	97.60	0.60
Med Truck 5,751- 8,500	7.20	12.50	79.20	8.30
Lite-Heavy 8,501-10,000	1.10	18.20	72.70	9.10
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.10	9.10	27.30	63.60
Heavy-Heavy 33,001-60,000	0.70	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.00	0.00	0.00	100.00
Motorcycle	1.40	90.90	9.10	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	0.70	0.00	100.00	0.00

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Rural Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Trip Speeds (mph)	35.0	40.0	40.0	40.0	40.0	40.0
% of Trips - Residential	20.0	37.0	43.0			
% of Trips - Commercial (by land use)						
Fairgrounds				2.0	1.0	97.0

URBEMIS 2001 For Windows 6.2.1

File Name: C:\Program Files\URBEMIS 2001 For Windows\Projects2k\OC Fairground
Project Name: Orange County Fairgrounds - Interim Event with Concert
Project Location: South Coast Air Basin (Los Angeles area)

DETAIL REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	PM10	SO2
Natural Gas	0.00	0.00	0.00	0.00	-
Wood Stoves - No summer emissions					
Fireplaces - No summer emissions					
Landscaping	0.10	0.01	0.69	0.00	0.00
Consumer Prdcts	0.00	-	-	-	-
TOTALS(lbs/day,unmitigated)	0.10	0.01	0.69	0.00	0.00

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	PM10	SO2
Fairgrounds	137.34	153.68	1,852.43	77.23	1.20
TOTAL EMISSIONS (lbs/day)	137.34	153.68	1,852.43	77.23	1.20

Includes correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2002 Temperature (F): 90 Season: Summer

EMFAC Version: EMFAC2001 (10/2001)

Summary of Land Uses:

Unit Type	Trip Rate	Size	Total Trips
Fairgrounds	83.51 trips / acres	148.90	12,434.64

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	61.40	4.70	94.50	0.80
Light Truck < 3,750 lbs	9.30	11.00	88.90	0.10
Light Truck 3,751- 5,750	16.70	1.80	97.60	0.60
Med Truck 5,751- 8,500	7.20	12.50	79.20	8.30
Lite-Heavy 8,501-10,000	1.10	18.20	72.70	9.10
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.10	9.10	27.30	63.60
Heavy-Heavy 33,001-60,000	0.70	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.00	0.00	0.00	100.00
Motorcycle	1.40	90.90	9.10	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	0.70	0.00	100.00	0.00

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Rural Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Trip Speeds (mph)	35.0	40.0	40.0	40.0	40.0	40.0
% of Trips - Residential	20.0	37.0	43.0			
% of Trips - Commercial (by land use)						
Fairgrounds				2.0	1.0	97.0

ORANGE COUNTY FAIR

AIR QUALITY REGIONAL EMISSIONS

URBEMIS 2001 MODEL PRINTOUTS

FAIR EVENT

URBEMIS 2001 For Windows 6.2.1

File Name: C:\Program Files\URBEMIS 2001 For Windows\Projects2k\OC Fairground
Project Name: Orange County Fairgrounds - Fair Event
Project Location: South Coast Air Basin (Los Angeles area)

SUMMARY REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	PM10	SO2
TOTALS(lbs/day,unmitigated)	0.10	0.01	0.69	0.00	0.00

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	PM10	SO2
TOTALS (ppd, unmitigated)	28.42	28.54	344.05	14.34	0.22

URBEMIS 2001 For Windows 6.2.1

'ile Name: C:\Program Files\URBEMIS 2001 For Windows\Projects2k\OC Fairgrou
'roject Name: Orange County Fairgrounds - Fair Event
'roject Location: South Coast Air Basin (Los Angeles area)

SUMMARY REPORT
(Pounds/Day - Winter)

\REA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	PM10	SO2
TOTALS(lbs/day,unmitigated)	0.00	0.00	0.00	0.00	0.00

)PERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	PM10	SO2
TOTALS (ppd, unmitigated)	29.36	42.48	337.15	14.34	0.20

URBEMIS 2001 For Windows 6.2.1

File Name: C:\Program Files\URBEMIS 2001 For Windows\Projects2k\OC Fairground
Project Name: Orange County Fairgrounds - Fair Event
Project Location: South Coast Air Basin (Los Angeles area)

DETAIL REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES (Winter Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	PM10	SO2
Natural Gas	0.00	0.00	0.00	0.00	-
Wood Stoves	0.00	0.00	0.00	0.00	0.00
Fireplaces	0.00	0.00	0.00	0.00	0.00
Landscaping - No winter emissions					
Consumer Prdcts	0.00	-	-	-	-
TOTALS(lbs/day,unmitigated)	0.00	0.00	0.00	0.00	0.00

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	PM10	SO2
'air Grounds	29.36	42.48	337.15	14.34	0.20
:OTAL EMISSIONS (lbs/day)	29.36	42.48	337.15	14.34	0.20

:ncludes correction for passby trips.
)oes not include double counting adjustment for internal trips.

)PERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2002 Temperature (F): 50 Season: Winter

EMFAC Version: EMFAC2001 (10/2001)

Summary of Land Uses:

Unit Type	Trip Rate	Size	Total Trips
Fair Grounds	15.51 trips / acres	148.90	2,309.44

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	61.40	4.70	94.50	0.80
Light Truck < 3,750 lbs	9.30	11.00	88.90	0.10
Light Truck 3,751- 5,750	16.70	1.80	97.60	0.60
Med Truck 5,751- 8,500	7.20	12.50	79.20	8.30
Lite-Heavy 8,501-10,000	1.10	18.20	72.70	9.10
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.10	9.10	27.30	63.60
Heavy-Heavy 33,001-60,000	0.70	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.00	0.00	0.00	100.00
Motorcycle	1.40	90.90	9.10	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	0.70	0.00	100.00	0.00

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Rural Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Trip Speeds (mph)	35.0	40.0	40.0	40.0	40.0	40.0
% of Trips - Residential	20.0	37.0	43.0			
% of Trips - Commercial (by land use)						
Fair Grounds				2.0	1.0	97.0

URBEMIS 2001 For Windows 6.2.1

File Name: C:\Program Files\URBEMIS 2001 For Windows\Projects2k\OC Fairground
Project Name: Orange County Fairgrounds - Fair Event
Project Location: South Coast Air Basin (Los Angeles area)

DETAIL REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	PM10	SO2
Natural Gas	0.00	0.00	0.00	0.00	-
Wood Stoves - No summer emissions					
Fireplaces - No summer emissions					
Landscaping	0.10	0.01	0.69	0.00	0.00
Consumer Prdcts	0.00	-	-	-	-
TOTALS(lbs/day,unmitigated)	0.10	0.01	0.69	0.00	0.00

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	PM10	SO2
Fair Grounds	28.42	28.54	344.05	14.34	0.22
TOTAL EMISSIONS (lbs/day)	28.42	28.54	344.05	14.34	0.22

Includes correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2002 Temperature (F): 90 Season: Summer

EMFAC Version: EMFAC2001 (10/2001)

Summary of Land Uses:

Unit Type	Trip Rate	Size	Total Trips
Fair Grounds	15.51 trips / acres	148.90	2,309.44

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	61.40	4.70	94.50	0.80
Light Truck < 3,750 lbs	9.30	11.00	88.90	0.10
Light Truck 3,751- 5,750	16.70	1.80	97.60	0.60
Med Truck 5,751- 8,500	7.20	12.50	79.20	8.30
Lite-Heavy 8,501-10,000	1.10	18.20	72.70	9.10
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.10	9.10	27.30	63.60
Heavy-Heavy 33,001-60,000	0.70	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.00	0.00	0.00	100.00
Motorcycle	1.40	90.90	9.10	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	0.70	0.00	100.00	0.00

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Rural Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Trip Speeds (mph)	35.0	40.0	40.0	40.0	40.0	40.0
% of Trips - Residential	20.0	37.0	43.0			
% of Trips - Commercial (by land use)						
Fair Grounds				2.0	1.0	97.0

ORANGE COUNTY FAIR

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

CUMULATIVE TYPICAL WEEKEND

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

JOB: OC Fair Cumulative Typical 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Harbor NBA	*	14	-150	14	0	* AG	2157	3.8	.0	10.0
B. Harbor NBD	*	14	0	14	150	* AG	2777	3.8	.0	10.0
C. Harbor NBL	*	9	-150	2	0	* AG	369	3.8	.0	10.0
D. Harbor SBA	*	-14	150	-14	0	* AG	2275	3.8	.0	10.0
E. Harbor SBD	*	-14	0	-14	-150	* AG	2204	3.8	.0	10.0
F. Harbor SBL	*	-9	150	0	0	* AG	178	3.8	.0	10.0
G. Adams EBA	*	-150	-12	0	-12	* AG	884	3.8	.0	10.0
H. Adams EBD	*	0	-12	150	-12	* AG	1082	3.8	.0	10.0
I. Adams EBL	*	-150	-9	0	0	* AG	628	3.8	.0	10.0
J. Adams WBA	*	150	14	0	14	* AG	745	3.8	.0	10.0
K. Adams WBD	*	0	14	-150	14	* AG	1512	3.8	.0	10.0
L. Adams WBL	*	150	9	0	0	* AG	339	3.8	.0	10.0
M. Harbor NBAX	*	14	-750	14	-150	* AG	2526	3.8	.0	10.0
N. Harbor NBDX	*	14	150	14	750	* AG	2777	3.8	.0	10.0
O. Harbor SBAX	*	-14	750	-14	150	* AG	2453	3.8	.0	10.0
P. Harbor SBDX	*	-14	-150	-14	-750	* AG	2204	3.8	.0	10.0
Q. Adams EBAX	*	-750	-12	-150	-12	* AG	1512	3.8	.0	10.0

R. Adams EBDX	*	150	-12	750	-12	*	AG	1082	3.8	.0	10.0
S. Adams WBAX	*	750	14	150	14	*	AG	1084	3.8	.0	10.0
T. Adams WBDX	*	-150	14	-750	14	*	AG	1512	3.8	.0	10.0

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

JOB: OC Fair Cumulative Typical 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	24	-19	1.8
2. NW	*	-24	22	1.8
3. SW	*	-23	-21	1.8
4. NE	*	22	24	1.8
5. ES mdblk	*	150	-19	1.8
6. WN mdblk	*	-150	22	1.8
7. WS mdblk	*	-150	-21	1.8
8. EN mdblk	*	150	24	1.8
9. SE mdblk	*	24	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-23	-150	1.8
12. NE mdblk	*	22	150	1.8
13. ES blk	*	600	-19	1.8
14. WN blk	*	-600	22	1.8
15. WS blk	*	-600	-21	1.8
16. EN blk	*	600	24	1.8
17. SE blk	*	24	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-23	-600	1.8
20. NE blk	*	22	600	1.8

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

JOB: OC Fair Cumulative Typical 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	278.	1.7	.4	.0	.0	.0	.2	.0	.3	.2
2. NW	169.	1.6	.1	.0	.0	.0	.6	.0	.0	.0
3. SW	10.	1.7	.0	.1	.0	.6	.0	.0	.2	.0
4. NE	190.	1.6	.6	.3	.0	.0	.1	.0	.0	.1
5. ES mdblk	277.	1.2	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	99.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	80.	1.1	.0	.0	.0	.0	.0	.0	.4	.0
8. EN mdblk	262.	.9	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	350.	1.3	.6	.0	.0	.2	.0	.0	.0	.0
10. NW mdblk	171.	1.3	.1	.0	.0	.6	.0	.0	.0	.0
11. SW mdblk	9.	1.4	.0	.2	.0	.0	.7	.0	.0	.0
12. NE mdblk	189.	1.6	.0	.9	.0	.0	.2	.0	.0	.0
13. ES blk	277.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	.8	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Typical 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
2. NW	*	.0	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0
3. SW	*	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
4. NE	*	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	*	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.7
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.0
17. SE blk	*	.0	.0	.0	.0	.8	.0	.0	.2	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.3	.8	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.3	.0	.0	.8	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.0	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Typical 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	11	-150	11	0	* AG	555	3.2	.0	10.0
B. Fairview NBD	*	11	0	11	150	* AG	977	3.2	.0	10.0
C. Fairview NBL	*	5	-150	2	0	* AG	54	3.2	.0	10.0
D. Fairview SBA	*	-14	150	-14	0	* AG	620	3.2	.0	10.0
E. Fairview SBD	*	-14	0	-14	-150	* AG	614	3.2	.0	10.0
F. Fairview SBL	*	-9	150	0	0	* AG	471	3.2	.0	10.0
G. Fair EBA	*	-150	-9	0	-9	* AG	414	3.2	.0	10.0
H. Fair EBD	*	0	-9	150	-9	* AG	972	3.2	.0	10.0
I. Fair EBL	*	-150	-5	0	0	* AG	73	3.2	.0	10.0
J. Fair WBA	*	150	9	0	9	* AG	898	3.2	.0	10.0
K. Fair WBD	*	0	9	-150	9	* AG	590	3.2	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	68	3.2	.0	10.0
M. Fairview NBA	*	11	-750	11	-150	* AG	609	3.2	.0	10.0
N. Fairview NBD	*	11	150	11	750	* AG	977	3.2	.0	10.0
O. Fairview SBA	*	-14	750	-14	150	* AG	1091	3.2	.0	10.0
P. Fairview SBD	*	-14	-150	-14	-750	* AG	614	3.2	.0	10.0
Q. Fair EBAX	*	-750	-9	-150	-9	* AG	487	3.2	.0	10.0

R.	Fair EBDX	*	150	-9	750	-9	*	AG	972	3.2	.0	10.0
S.	Fair WBAX	*	750	9	150	9	*	AG	966	3.2	.0	10.0
T.	Fair WBDX	*	-150	9	-750	9	*	AG	590	3.2	.0	10.0

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

JOB: OC Fair Cumulative Typical 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

	RECEPTOR	*	COORDINATES (M) X	Y	Z
1.	SE	*	21	-15	1.8
2.	NW	*	-24	15	1.8
3.	SW	*	-22	-17	1.8
4.	NE	*	19	17	1.8
5.	ES mdblk	*	150	-15	1.8
6.	WN mdblk	*	-150	15	1.8
7.	WS mdblk	*	-150	-17	1.8
8.	EN mdblk	*	150	17	1.8
9.	SE mdblk	*	21	-150	1.8
10.	NW mdblk	*	-24	150	1.8
11.	SW mdblk	*	-22	-150	1.8
12.	NE mdblk	*	19	150	1.8
13.	ES blk	*	600	-15	1.8
14.	WN blk	*	-600	15	1.8
15.	WS blk	*	-600	-17	1.8
16.	EN blk	*	600	17	1.8
17.	SE blk	*	21	-600	1.8
18.	NW blk	*	-24	600	1.8
19.	SW blk	*	-22	-600	1.8
20.	NE blk	*	19	600	1.8

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

JOB: OC Fair Cumulative Typical 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	351.	.9	.0	.3	.0	.0	.0	.0	.0	.2
2. NW	97.	.9	.0	.0	.0	.1	.0	.0	.0	.0
3. SW	83.	.7	.0	.0	.0	.0	.1	.0	.0	.3
4. NE	262.	.7	.0	.2	.0	.0	.0	.0	.0	.0
5. ES mdblk	279.	.7	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	96.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.5	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	262.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	.5	.1	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	167.	.5	.0	.0	.0	.2	.0	.1	.0	.0
11. SW mdblk	7.	.6	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	189.	.6	.0	.3	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.8	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.7	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Typical 2
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. SE	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. NW	*	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
3. SW	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
4. NE	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.0
17. SE blk	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Typical 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	7	-150	7	0	*	AG	2181	3.8	.0	10.0
B. Fairview NBD	*	7	0	7	150	*	AG	2212	3.8	.0	10.0
C. Fairview NBL	*	2	-150	2	0	*	AG	0	3.8	.0	10.0
D. Fairview SBA	*	-12	150	-12	0	*	AG	1220	3.8	.0	10.0
E. Fairview SBD	*	-12	0	-12	-150	*	AG	1662	3.8	.0	10.0
F. Fairview SBL	*	-9	150	0	0	*	AG	623	3.8	.0	10.0
G. SRamp EBA	*	-150	-11	0	-11	*	AG	442	3.8	.0	10.0
H. SRamp EBD	*	0	-11	150	-11	*	AG	1217	3.8	.0	10.0
I. SRamp EBL	*	-150	-9	0	0	*	AG	625	3.8	.0	10.0
J. SRamp WBA	*	150	0	0	0	*	AG	0	3.8	.0	10.0
K. SRamp WBD	*	0	0	-150	0	*	AG	0	3.8	.0	10.0
L. SRamp WBL	*	150	2	0	0	*	AG	0	3.8	.0	10.0
M. Fairview NBA	*	7	-750	7	-150	*	AG	2181	3.8	.0	10.0
N. Fairview NBD	*	7	150	7	750	*	AG	2212	3.8	.0	10.0
O. Fairview SBA	*	-12	750	-12	150	*	AG	1843	3.8	.0	10.0
P. Fairview SBD	*	-12	-150	-12	-750	*	AG	1662	3.8	.0	10.0
Q. SRamp EBAX	*	-750	-11	-150	-11	*	AG	1067	3.8	.0	10.0

R. SRamp EBDX	*	150	-11	750	-11	*	AG	1217	3.8	.0	10.0
S. SRamp WBAX	*	750	0	150	0	*	AG	0	3.8	.0	10.0
T. SRamp WBDX	*	-150	0	-750	0	*	AG	0	3.8	.0	10.0

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

JOB: OC Fair Cumulative Typical 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-17	1.8
2. NW	*	-21	7	1.8
3. SW	*	-21	-17	1.8
4. NE	*	15	7	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	7	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	7	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-21	-150	1.8
12. NE mdblk	*	15	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	7	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	7	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-21	-600	1.8
20. NE blk	*	15	600	1.8

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

JOB: OC Fair Cumulative Typical 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	350.	1.5	.0	.6	.0	.1	.0	.1	.0	.3
2. NW	172.	1.3	.1	.0	.0	.0	.6	.0	.0	.0
3. SW	9.	1.3	.0	.2	.0	.4	.0	.1	.1	.0
4. NE	188.	1.4	.8	.0	.0	.0	.1	.0	.0	.2
5. ES mdblk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.6
6. WN mdblk	97.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	82.	.8	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.2
9. SE mdblk	352.	1.2	.6	.0	.0	.1	.0	.0	.0	.0
10. NW mdblk	171.	1.2	.2	.1	.0	.5	.0	.2	.0	.0
11. SW mdblk	8.	1.2	.1	.2	.0	.0	.6	.0	.0	.0
12. NE mdblk	189.	1.4	.0	.8	.0	.0	.1	.1	.0	.0
13. ES blk	276.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Typical 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. NW	*	.1	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
3. SW	*	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
17. SE blk	*	.0	.0	.0	.0	.7	.0	.0	.3	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.3	.8	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.3	.0	.0	.7	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.9	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Typical 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	9	-150	9	0	* AG	1485	4.7	.0	10.0
B. Fairview NBD	*	9	0	9	150	* AG	1958	4.7	.0	10.0
C. Fairview NBL	*	5	-150	2	0	* AG	404	4.7	.0	10.0
D. Fairview SBA	*	-9	150	-9	0	* AG	1899	4.7	.0	10.0
E. Fairview SBD	*	-9	0	-9	-150	* AG	1821	4.7	.0	10.0
F. Fairview SBL	*	-2	150	0	0	* AG	0	4.7	.0	10.0
G. NRamp EBA	*	-150	0	0	0	* AG	0	4.7	.0	10.0
H. NRamp EBD	*	0	0	150	0	* AG	0	4.7	.0	10.0
I. NRamp EBL	*	-150	-2	0	0	* AG	0	4.7	.0	10.0
J. NRamp WBA	*	150	11	0	11	* AG	473	4.7	.0	10.0
K. NRamp WBD	*	0	11	-150	11	* AG	1052	4.7	.0	10.0
L. NRamp WBL	*	150	9	0	0	* AG	570	4.7	.0	10.0
M. Fairview NBA	*	9	-750	9	-150	* AG	1889	4.7	.0	10.0
N. Fairview NBD	*	9	150	9	750	* AG	1958	4.7	.0	10.0
O. Fairview SBA	*	-9	750	-9	150	* AG	1899	4.7	.0	10.0
P. Fairview SBD	*	-9	-150	-9	-750	* AG	1821	4.7	.0	10.0
Q. NRamp EBAX	*	-750	0	-150	0	* AG	0	4.7	.0	10.0

R.	NRamp EBDX	*	150	0	750	0	*	AG	0	4.7	.0	10.0
S.	NRamp WBAX	*	750	11	150	11	*	AG	1043	4.7	.0	10.0
T.	NRamp WBDX	*	-150	11	-750	11	*	AG	1052	4.7	.0	10.0

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

JOB: OC Fair Cumulative Typical 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-7	1.8
2. NW	*	-21	17	1.8
3. SW	*	-19	-7	1.8
4. NE	*	17	17	1.8
5. ES mdblk	*	150	-7	1.8
6. WN mdblk	*	-150	17	1.8
7. WS mdblk	*	-150	-7	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-19	-150	1.8
12. NE mdblk	*	17	150	1.8
13. ES blk	*	600	-7	1.8
14. WN blk	*	-600	17	1.8
15. WS blk	*	-600	-7	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-19	-600	1.8
20. NE blk	*	17	600	1.8

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

JOB: OC Fair Cumulative Typical 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	1.7	.0	.9	.0	.2	.0	.0	.0	.0
2. NW	171.	1.5	.1	.0	.0	.0	.6	.0	.0	.0
3. SW	8.	1.5	.0	.1	.0	.7	.0	.0	.0	.0
4. NE	189.	1.7	.6	.1	.1	.0	.2	.0	.0	.0
5. ES mdblk	277.	.7	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	97.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.6	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	262.	.9	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	1.5	.7	.0	.1	.2	.2	.0	.0	.0
10. NW mdblk	172.	1.3	.2	.1	.0	.6	.1	.0	.0	.0
11. SW mdblk	8.	1.4	.1	.2	.0	.1	.6	.0	.0	.0
12. NE mdblk	188.	1.6	.0	.9	.0	.2	.2	.0	.0	.0
13. ES blk	277.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Typical 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.2	.0	.2	.3	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.3	.0	.3	.0	.0	.1	.0	.0	.0	.0
3. SW	*	.0	.0	.2	.0	.0	.3	.2	.0	.0	.0	.0	.0
4. NE	*	.0	.1	.0	.1	.1	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	*	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0
17. SE blk	*	.0	.0	.0	.0	1.0	.0	.0	.4	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.4	.7	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.4	.0	.0	.8	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.0	.4	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Typical 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Van NBA	*	2	-150	2	0	* AG	59	3.2	.0	10.0
B. Van NBD	*	2	0	2	150	* AG	272	3.2	.0	10.0
C. Van NBL	*	2	-150	2	0	* AG	77	3.2	.0	10.0
D. Van SBA	*	-5	150	-5	0	* AG	78	3.2	.0	10.0
E. Van SBD	*	-5	0	-5	-150	* AG	128	3.2	.0	10.0
F. Van SBL	*	-5	150	0	0	* AG	117	3.2	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	* AG	693	3.2	.0	10.0
H. Fair EBD	*	0	-7	150	-7	* AG	768	3.2	.0	10.0
I. Fair EBL	*	-150	-5	0	0	* AG	143	3.2	.0	10.0
J. Fair WBA	*	150	9	0	9	* AG	936	3.2	.0	10.0
K. Fair WBD	*	0	9	-150	9	* AG	962	3.2	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	27	3.2	.0	10.0
M. Van NBA	*	2	-750	2	-150	* AG	136	3.2	.0	10.0
N. Van NBD	*	2	150	2	750	* AG	272	3.2	.0	10.0
O. Van SBA	*	-5	750	-5	150	* AG	195	3.2	.0	10.0
P. Van SBD	*	-5	-150	-5	-750	* AG	128	3.2	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	* AG	836	3.2	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	768	3.2	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	963	3.2	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	962	3.2	.0	10.0

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

JOB: OC Fair Cumulative Typical 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	8	-14	1.8
2. NW	*	-12	15	1.8
3. SW	*	-12	-14	1.8
4. NE	*	8	17	1.8
5. ES mdblk	*	150	-14	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-14	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	8	-150	1.8
10. NW mdblk	*	-12	150	1.8
11. SW mdblk	*	-12	-150	1.8
12. NE mdblk	*	8	150	1.8
13. ES blk	*	600	-14	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-14	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	8	-600	1.8
18. NW blk	*	-12	600	1.8
19. SW blk	*	-12	-600	1.8
20. NE blk	*	8	600	1.8

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

JOB: OC Fair Cumulative Typical 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	277.	.7	.0	.0	.0	.0	.0	.0	.3	.0
2. NW	97.	.7	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	83.	.7	.0	.0	.0	.0	.0	.0	.0	.3
4. NE	262.	.7	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	277.	.7	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	97.	.7	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.7	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	263.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	355.	.3	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	173.	.3	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	5.	.3	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	187.	.3	.0	.1	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.7	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.7	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	355.	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Typical 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
2. NW	*	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
3. SW	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
4. NE	*	.0	.0	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.5
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0
17. SE blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Typical 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	0	-150	0	0	*	AG	0	3.8	.0	10.0
B. Newport NBD	*	0	0	0	150	*	AG	0	3.8	.0	10.0
C. Newport NBL	*	2	-150	2	0	*	AG	0	3.8	.0	10.0
D. Newport SBA	*	-9	150	-9	0	*	AG	1565	3.8	.0	10.0
E. Newport SBD	*	-9	0	-9	-150	*	AG	918	3.8	.0	10.0
F. Newport SBL	*	-5	150	0	0	*	AG	462	3.8	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	*	AG	952	3.8	.0	10.0
H. Fair EBD	*	0	-7	150	-7	*	AG	1343	3.8	.0	10.0
I. Fair EBL	*	-150	-2	0	0	*	AG	0	3.8	.0	10.0
J. Fair WBA	*	150	7	0	7	*	AG	314	3.8	.0	10.0
K. Fair WBD	*	0	7	-150	7	*	AG	1149	3.8	.0	10.0
L. Fair WBL	*	150	5	0	0	*	AG	117	3.8	.0	10.0
M. Newport NBA	*	0	-750	0	-150	*	AG	0	3.8	.0	10.0
N. Newport NBD	*	0	150	0	750	*	AG	0	3.8	.0	10.0
O. Newport SBA	*	-9	750	-9	150	*	AG	2027	3.8	.0	10.0
P. Newport SBD	*	-9	-150	-9	-750	*	AG	918	3.8	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	*	AG	952	3.8	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	1343	3.8	.0	10.0
S. Fair WBAX	*	750	7	150	7	*	AG	431	3.8	.0	10.0
T. Fair WBDX	*	-150	7	-750	7	*	AG	1149	3.8	.0	10.0

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

JOB: OC Fair Cumulative Typical 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	7	-16	1.8
2. NW	*	-17	14	1.8
3. SW	*	-15	-17	1.8
4. NE	*	7	14	1.8
5. ES mdblk	*	150	-16	1.8
6. WN mdblk	*	-150	14	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	14	1.8
9. SE mdblk	*	7	-150	1.8
10. NW mdblk	*	-17	150	1.8
11. SW mdblk	*	-15	-150	1.8
12. NE mdblk	*	7	150	1.8
13. ES blk	*	600	-16	1.8
14. WN blk	*	-600	14	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	14	1.8
17. SE blk	*	7	-600	1.8
18. NW blk	*	-17	600	1.8
19. SW blk	*	-15	-600	1.8
20. NE blk	*	7	600	1.8

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

JOB: OC Fair Cumulative Typical 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	1.0	.0	.0	.0	.3	.0	.2	.0	.3
2. NW	99.	1.1	.0	.0	.0	.3	.0	.0	.0	.2
3. SW	6.	1.3	.0	.0	.0	.6	.0	.1	.2	.0
4. NE	263.	1.3	.0	.0	.0	.2	.0	.1	.1	.0
5. ES mdblk	278.	.9	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	97.	1.0	.0	.0	.0	.0	.0	.0	.1	.1
7. WS mdblk	82.	.7	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	264.	.7	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdblk	354.	.5	.0	.0	.0	.1	.2	.0	.0	.0
10. NW mdblk	170.	.9	.0	.0	.0	.6	.0	.1	.0	.0
11. SW mdblk	5.	.8	.0	.0	.0	.1	.4	.0	.0	.0
12. NE mdblk	190.	.7	.0	.0	.0	.3	.0	.2	.0	.0
13. ES blk	277.	.8	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.7	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.9	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Typical 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. NW	*	.0	.1	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0
3. SW	*	.0	.0	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.6	.0	.0	.0	.0	.0	.1	.0	.0	.1
5. ES mdblk	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.7
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0
17. SE blk	*	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Typical 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	4	-150	4	0	* AG	1052	3.8	.0	10.0
B. Newport NBD	*	4	0	4	150	* AG	2255	3.8	.0	10.0
C. Newport NBL	*	2	-150	2	0	* AG	153	3.8	.0	10.0
D. Newport SBA	*	0	150	0	0	* AG	0	3.8	.0	10.0
E. Newport SBD	*	0	0	0	-150	* AG	0	3.8	.0	10.0
F. Newport SBL	*	-2	150	0	0	* AG	0	3.8	.0	10.0
G. Del EBA	*	-150	-11	0	-11	* AG	410	3.8	.0	10.0
H. Del EBD	*	0	-11	150	-11	* AG	555	3.8	.0	10.0
I. Del EBL	*	-150	-9	0	0	* AG	1026	3.8	.0	10.0
J. Del WBA	*	150	7	0	7	* AG	653	3.8	.0	10.0
K. Del WBD	*	0	7	-150	7	* AG	484	3.8	.0	10.0
L. Del WBL	*	150	2	0	0	* AG	0	3.8	.0	10.0
M. Newport NBA	*	4	-750	4	-150	* AG	1205	3.8	.0	10.0
N. Newport NBD	*	4	150	4	750	* AG	2255	3.8	.0	10.0
O. Newport SBA	*	0	750	0	150	* AG	0	3.8	.0	10.0
P. Newport SBD	*	0	-150	0	-750	* AG	0	3.8	.0	10.0
Q. Del EBAX	*	-750	-11	-150	-11	* AG	1436	3.8	.0	10.0

R. Del EBDX	*	150	-11	750	-11	*	AG	555	3.8	.0	10.0
S. Del WBAX	*	750	7	150	7	*	AG	653	3.8	.0	10.0
T. Del WBDX	*	-150	7	-750	7	*	AG	484	3.8	.0	10.0

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

JOB: OC Fair Cumulative Typical 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	11	-17	1.8
2. NW	*	-7	15	1.8
3. SW	*	-7	-17	1.8
4. NE	*	10	17	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	11	-150	1.8
10. NW mdblk	*	-7	150	1.8
11. SW mdblk	*	-7	-150	1.8
12. NE mdblk	*	10	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	11	-600	1.8
18. NW blk	*	-7	600	1.8
19. SW blk	*	-7	-600	1.8
20. NE blk	*	10	600	1.8

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

JOB: OC Fair Cumulative Typical 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	354.	1.2	.0	.7	.0	.0	.0	.0	.0	.1
2. NW	98.	.9	.0	.4	.0	.0	.0	.0	.0	.0
3. SW	7.	1.1	.0	.6	.0	.0	.0	.0	.1	.0
4. NE	260.	1.1	.0	.5	.0	.0	.0	.0	.0	.0
5. ES mdblk	276.	.7	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	98.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	79.	.9	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	264.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	.8	.4	.1	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.8	.0	.6	.0	.0	.0	.0	.0	.0
11. SW mdblk	6.	.7	.3	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	188.	1.2	.0	1.0	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Typical 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
2. NW	*	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	*	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NE	*	.2	.0	.2	.0	.0	.0	.0	.0	.2	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.2
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.1
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0
17. SE blk	*	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0

ORANGE COUNTY FAIR

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

CUMULATIVE INTERIM EVENT

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

JOB: OC Fair Cumulative Interim 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Harbor NBA	*	14	-150	14	0	* AG	1905	3.8	.0	10.0
B. Harbor NBD	*	14	0	14	150	* AG	2479	3.8	.0	10.0
C. Harbor NBL	*	9	-150	2	0	* AG	321	3.8	.0	10.0
D. Harbor SBA	*	-14	150	-14	0	* AG	2754	3.8	.0	10.0
E. Harbor SBD	*	-14	0	-14	-150	* AG	2635	3.8	.0	10.0
F. Harbor SBL	*	-9	150	0	0	* AG	145	3.8	.0	10.0
G. Adams EBA	*	-150	-12	0	-12	* AG	801	3.8	.0	10.0
H. Adams EBD	*	0	-12	150	-12	* AG	968	3.8	.0	10.0
I. Adams EBL	*	-150	-9	0	0	* AG	639	3.8	.0	10.0
J. Adams WBA	*	150	14	0	14	* AG	600	3.8	.0	10.0
K. Adams WBD	*	0	14	-150	14	* AG	1436	3.8	.0	10.0
L. Adams WBL	*	150	9	0	0	* AG	353	3.8	.0	10.0
M. Harbor NBAX	*	14	-750	14	-150	* AG	2226	3.8	.0	10.0
N. Harbor NBDX	*	14	150	14	750	* AG	2479	3.8	.0	10.0
O. Harbor SBAX	*	-14	750	-14	150	* AG	2899	3.8	.0	10.0
P. Harbor SBDX	*	-14	-150	-14	-750	* AG	2635	3.8	.0	10.0
Q. Adams EBAX	*	-750	-12	-150	-12	* AG	1440	3.8	.0	10.0

R. Adams EBDX	*	150	-12	750	-12	*	AG	968	3.8	.0	10.0
S. Adams WBAX	*	750	14	150	14	*	AG	953	3.8	.0	10.0
T. Adams WBDX	*	-150	14	-750	14	*	AG	1436	3.8	.0	10.0

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

JOB: OC Fair Cumulative Interim 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	24	-19	1.8
2. NW	*	-24	22	1.8
3. SW	*	-23	-21	1.8
4. NE	*	22	24	1.8
5. ES mdblk	*	150	-19	1.8
6. WN mdblk	*	-150	22	1.8
7. WS mdblk	*	-150	-21	1.8
8. EN mdblk	*	150	24	1.8
9. SE mdblk	*	24	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-23	-150	1.8
12. NE mdblk	*	22	150	1.8
13. ES blk	*	600	-19	1.8
14. WN blk	*	-600	22	1.8
15. WS blk	*	-600	-21	1.8
16. EN blk	*	600	24	1.8
17. SE blk	*	24	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-23	-600	1.8
20. NE blk	*	22	600	1.8

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

JOB: OC Fair Cumulative Interim 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	350.	1.5	.0	.7	.0	.0	.0	.0	.0	.2
2. NW	170.	1.7	.0	.0	.0	.0	.7	.0	.0	.0
3. SW	10.	1.7	.0	.1	.0	.7	.1	.0	.2	.0
4. NE	261.	1.6	.0	.5	.0	.2	.0	.0	.0	.0
5. ES mdblk	277.	1.2	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	99.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	80.	1.0	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	262.	.9	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	350.	1.3	.6	.0	.0	.2	.0	.0	.0	.0
10. NW mdblk	171.	1.4	.1	.0	.0	.7	.0	.0	.0	.0
11. SW mdblk	9.	1.5	.0	.2	.0	.0	.8	.0	.0	.0
12. NE mdblk	189.	1.5	.0	.8	.0	.0	.2	.0	.0	.0
13. ES blk	277.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.8	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	189.	1.5	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
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JOB: OC Fair Cumulative Interim 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0
3. SW	*	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.4	.0	.0	.0	.0	.0	.2	.0	.0	.0
5. ES mdblk	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	*	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.1	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.6
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0
17. SE blk	*	.0	.0	.0	.0	.7	.0	.0	.3	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.3	.9	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.2	.0	.0	.9	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.9	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Interim 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	11	-150	11	0	* AG	511	3.8	.0	10.0
B. Fairview NBD	*	11	0	11	150	* AG	1091	3.8	.0	10.0
C. Fairview NBL	*	5	-150	2	0	* AG	60	3.8	.0	10.0
D. Fairview SBA	*	-14	150	-14	0	* AG	538	3.8	.0	10.0
E. Fairview SBD	*	-14	0	-14	-150	* AG	532	3.8	.0	10.0
F. Fairview SBL	*	-9	150	0	0	* AG	470	3.8	.0	10.0
G. Fair EBA	*	-150	-9	0	-9	* AG	345	3.8	.0	10.0
H. Fair EBD	*	0	-9	150	-9	* AG	874	3.8	.0	10.0
I. Fair EBL	*	-150	-5	0	0	* AG	85	3.8	.0	10.0
J. Fair WBA	*	150	9	0	9	* AG	993	3.8	.0	10.0
K. Fair WBD	*	0	9	-150	9	* AG	547	3.8	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	42	3.8	.0	10.0
M. Fairview NBA	*	11	-750	11	-150	* AG	571	3.8	.0	10.0
N. Fairview NBD	*	11	150	11	750	* AG	1091	3.8	.0	10.0
O. Fairview SBA	*	-14	750	-14	150	* AG	1008	3.8	.0	10.0
P. Fairview SBD	*	-14	-150	-14	-750	* AG	532	3.8	.0	10.0
Q. Fair EBAX	*	-750	-9	-150	-9	* AG	430	3.8	.0	10.0

R. Fair EBDX	*	150	-9	750	-9	*	AG	874	3.8	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	1035	3.8	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	547	3.8	.0	10.0

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

JOB: OC Fair Cumulative Interim 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	21	-15	1.8
2. NW	*	-24	15	1.8
3. SW	*	-22	-17	1.8
4. NE	*	19	17	1.8
5. ES mdblk	*	150	-15	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	21	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-22	-150	1.8
12. NE mdblk	*	19	150	1.8
13. ES blk	*	600	-15	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	21	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-22	-600	1.8
20. NE blk	*	19	600	1.8

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

JOB: OC Fair Cumulative Interim 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	351.	1.0	.0	.4	.0	.0	.0	.0	.0	.2
2. NW	97.	1.0	.0	.1	.0	.1	.0	.0	.0	.0
3. SW	83.	.8	.0	.0	.0	.0	.1	.0	.0	.3
4. NE	262.	.8	.0	.2	.0	.0	.0	.0	.0	.0
5. ES mdblk	279.	.8	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	96.	.7	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.6	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	262.	.7	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	.6	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	165.	.6	.0	.1	.0	.2	.0	.1	.0	.0
11. SW mdblk	7.	.6	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	189.	.8	.0	.4	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.8	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	.8	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Interim 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. NW	*	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
3. SW	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
4. NE	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.0
17. SE blk	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.5	.2	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Interim 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	7	-150	7	0	* AG	1766	3.8	.0	10.0
B. Fairview NBD	*	7	0	7	150	* AG	1708	3.8	.0	10.0
C. Fairview NBL	*	2	-150	2	0	* AG	0	3.8	.0	10.0
D. Fairview SBA	*	-12	150	-12	0	* AG	1349	3.8	.0	10.0
E. Fairview SBD	*	-12	0	-12	-150	* AG	1826	3.8	.0	10.0
F. Fairview SBL	*	-9	150	0	0	* AG	559	3.8	.0	10.0
G. SRamp EBA	*	-150	-11	0	-11	* AG	477	3.8	.0	10.0
H. SRamp EBD	*	0	-11	150	-11	* AG	1174	3.8	.0	10.0
I. SRamp EBL	*	-150	-9	0	0	* AG	557	3.8	.0	10.0
J. SRamp WBA	*	150	0	0	0	* AG	0	3.8	.0	10.0
K. SRamp WBD	*	0	0	-150	0	* AG	0	3.8	.0	10.0
L. SRamp WBL	*	150	2	0	0	* AG	0	3.8	.0	10.0
M. Fairview NBA	*	7	-750	7	-150	* AG	1766	3.8	.0	10.0
N. Fairview NBD	*	7	150	7	750	* AG	1708	3.8	.0	10.0
O. Fairview SBA	*	-12	750	-12	150	* AG	1908	3.8	.0	10.0
P. Fairview SBD	*	-12	-150	-12	-750	* AG	1826	3.8	.0	10.0
Q. SRamp EBAX	*	-750	-11	-150	-11	* AG	1034	3.8	.0	10.0

R. SRamp EBDX	*	150	-11	750	-11	*	AG	1174	3.8	.0	10.0
S. SRamp WBAX	*	750	0	150	0	*	AG	0	3.8	.0	10.0
T. SRamp WBDX	*	-150	0	-750	0	*	AG	0	3.8	.0	10.0

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

JOB: OC Fair Cumulative Interim 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-17	1.8
2. NW	*	-21	7	1.8
3. SW	*	-21	-17	1.8
4. NE	*	15	7	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	7	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	7	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-21	-150	1.8
12. NE mdblk	*	15	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	7	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	7	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-21	-600	1.8
20. NE blk	*	15	600	1.8

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

JOB: OC Fair Cumulative Interim 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	350.	1.3	.0	.5	.0	.1	.0	.1	.0	.3
2. NW	172.	1.3	.1	.0	.0	.0	.7	.0	.0	.0
3. SW	9.	1.3	.0	.1	.0	.5	.0	.1	.1	.0
4. NE	188.	1.3	.6	.0	.0	.0	.1	.0	.0	.2
5. ES mdblk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.6
6. WN mdblk	97.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.7	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.2
9. SE mdblk	352.	1.1	.5	.0	.0	.1	.0	.0	.0	.0
10. NW mdblk	171.	1.2	.1	.1	.0	.5	.0	.1	.0	.0
11. SW mdblk	8.	1.2	.1	.1	.0	.0	.7	.0	.0	.0
12. NE mdblk	188.	1.2	.0	.6	.0	.0	.1	.0	.0	.0
13. ES blk	276.	.8	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.2	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Interim 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. NW	.1	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
17. SE blk	.0	.0	.0	.0	.6	.0	.0	.3	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.3	.8	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.3	.0	.0	.8	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.7	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Interim 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	9	-150	9	0	* AG	1529	3.8	.0	10.0
B. Fairview NBD	*	9	0	9	150	* AG	2114	3.8	.0	10.0
C. Fairview NBL	*	5	-150	2	0	* AG	399	3.8	.0	10.0
D. Fairview SBA	*	-9	150	-9	0	* AG	1919	3.8	.0	10.0
E. Fairview SBD	*	-9	0	-9	-150	* AG	1949	3.8	.0	10.0
F. Fairview SBL	*	-2	150	0	0	* AG	0	3.8	.0	10.0
G. NRamp EBA	*	-150	0	0	0	* AG	0	3.8	.0	10.0
H. NRamp EBD	*	0	0	150	0	* AG	0	3.8	.0	10.0
I. NRamp EBL	*	-150	-2	0	0	* AG	0	3.8	.0	10.0
J. NRamp WBA	*	150	11	0	11	* AG	585	3.8	.0	10.0
K. NRamp WBD	*	0	11	-150	11	* AG	946	3.8	.0	10.0
L. NRamp WBL	*	150	9	0	0	* AG	577	3.8	.0	10.0
M. Fairview NBA	*	9	-750	9	-150	* AG	1928	3.8	.0	10.0
N. Fairview NBD	*	9	150	9	750	* AG	2114	3.8	.0	10.0
O. Fairview SBA	*	-9	750	-9	150	* AG	1919	3.8	.0	10.0
P. Fairview SBD	*	-9	-150	-9	-750	* AG	1949	3.8	.0	10.0
Q. NRamp EBAX	*	-750	0	-150	0	* AG	0	3.8	.0	10.0

R.	NRamp EBDX	*	150	0	750	0	*	AG	0	3.8	.0	10.0
S.	NRamp WBAX	*	750	11	150	11	*	AG	1162	3.8	.0	10.0
T.	NRamp WBDX	*	-150	11	-750	11	*	AG	946	3.8	.0	10.0

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

JOB: OC Fair Cumulative Interim 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-7	1.8
2. NW	*	-21	17	1.8
3. SW	*	-19	-7	1.8
4. NE	*	17	17	1.8
5. ES mdblk	*	150	-7	1.8
6. WN mdblk	*	-150	17	1.8
7. WS mdblk	*	-150	-7	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-19	-150	1.8
12. NE mdblk	*	17	150	1.8
13. ES blk	*	600	-7	1.8
14. WN blk	*	-600	17	1.8
15. WS blk	*	-600	-7	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-19	-600	1.8
20. NE blk	*	17	600	1.8

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

JOB: OC Fair Cumulative Interim 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	1.5	.0	.7	.0	.1	.0	.0	.0	.0
2. NW	171.	1.2	.1	.0	.0	.0	.5	.0	.0	.0
3. SW	9.	1.2	.0	.1	.0	.6	.0	.0	.0	.0
4. NE	189.	1.4	.5	.0	.1	.0	.2	.0	.0	.0
5. ES mdblk	277.	.6	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	96.	.8	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.5	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	261.	.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	1.3	.6	.0	.1	.1	.1	.0	.0	.0
10. NW mdblk	172.	1.1	.1	.0	.0	.5	.0	.0	.0	.0
11. SW mdblk	9.	1.2	.1	.2	.0	.0	.6	.0	.0	.0
12. NE mdblk	188.	1.3	.0	.7	.0	.1	.1	.0	.0	.0
13. ES blk	277.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.7	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.8	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Interim 4
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. SE	*	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.2	.0	.2	.0	.0	.1	.0	.0	.0	.0
3. SW	*	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
4. NE	*	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0
17. SE blk	*	.0	.0	.0	.0	.8	.0	.0	.3	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.3	.6	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.3	.0	.0	.7	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.8	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Interim 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Van NBA	*	2	-150	2	0	* AG	130	3.8	.0	10.0
B. Van NBD	*	2	0	2	150	* AG	662	3.8	.0	10.0
C. Van NBL	*	2	-150	2	0	* AG	88	3.8	.0	10.0
D. Van SBA	*	-5	150	-5	0	* AG	67	3.8	.0	10.0
E. Van SBD	*	-5	0	-5	-150	* AG	180	3.8	.0	10.0
F. Van SBL	*	-5	150	0	0	* AG	84	3.8	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	* AG	685	3.8	.0	10.0
H. Fair EBD	*	0	-7	150	-7	* AG	764	3.8	.0	10.0
I. Fair EBL	*	-150	-5	0	0	* AG	212	3.8	.0	10.0
J. Fair WBA	*	150	9	0	9	* AG	1320	3.8	.0	10.0
K. Fair WBD	*	0	9	-150	9	* AG	1049	3.8	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	69	3.8	.0	10.0
M. Van NBA	*	2	-750	2	-150	* AG	218	3.8	.0	10.0
N. Van NBD	*	2	150	2	750	* AG	662	3.8	.0	10.0
O. Van SBA	*	-5	750	-5	150	* AG	151	3.8	.0	10.0
P. Van SBD	*	-5	-150	-5	-750	* AG	180	3.8	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	* AG	897	3.8	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	764	3.8	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	1389	3.8	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	1049	3.8	.0	10.0

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

JOB: OC Fair Cumulative Interim 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	8	-14	1.8
2. NW	*	-12	15	1.8
3. SW	*	-12	-14	1.8
4. NE	*	8	17	1.8
5. ES mdblk	*	150	-14	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-14	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	8	-150	1.8
10. NW mdblk	*	-12	150	1.8
11. SW mdblk	*	-12	-150	1.8
12. NE mdblk	*	8	150	1.8
13. ES blk	*	600	-14	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-14	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	8	-600	1.8
18. NW blk	*	-12	600	1.8
19. SW blk	*	-12	-600	1.8
20. NE blk	*	8	600	1.8

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

JOB: OC Fair Cumulative Interim 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	277.	.9	.0	.0	.0	.0	.0	.0	.3	.0
2. NW	97.	1.1	.0	.1	.0	.0	.0	.0	.0	.0
3. SW	82.	.9	.0	.0	.0	.0	.0	.0	.0	.4
4. NE	262.	.9	.0	.2	.0	.0	.0	.0	.0	.0
5. ES mdblk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	97.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.9	.0	.0	.0	.0	.0	.0	.4	.0
8. EN mdblk	262.	.9	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	356.	.4	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	171.	.4	.0	.2	.0	.0	.0	.0	.0	.0
11. SW mdblk	5.	.4	.0	.0	.0	.0	.1	.0	.0	.0
12. NE mdblk	187.	.6	.0	.4	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.9	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.9	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	355.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Interim 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
2. NW	*	.0	.6	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
3. SW	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
4. NE	*	.0	.0	.4	.0	.0	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.6
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.6	.0
17. SE blk	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Interim 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	0	-150	0	0	* AG	0	3.8	.0	10.0
B. Newport NBD	*	0	0	0	150	* AG	0	3.8	.0	10.0
C. Newport NBL	*	2	-150	2	0	* AG	0	3.8	.0	10.0
D. Newport SBA	*	-9	150	-9	0	* AG	1807	3.8	.0	10.0
E. Newport SBD	*	-9	0	-9	-150	* AG	953	3.8	.0	10.0
F. Newport SBL	*	-5	150	0	0	* AG	612	3.8	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	* AG	881	3.8	.0	10.0
H. Fair EBD	*	0	-7	150	-7	* AG	1451	3.8	.0	10.0
I. Fair EBL	*	-150	-2	0	0	* AG	0	3.8	.0	10.0
J. Fair WBA	*	150	7	0	7	* AG	358	3.8	.0	10.0
K. Fair WBD	*	0	7	-150	7	* AG	1341	3.8	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	87	3.8	.0	10.0
M. Newport NBA	*	0	-750	0	-150	* AG	0	3.8	.0	10.0
N. Newport NBD	*	0	150	0	750	* AG	0	3.8	.0	10.0
O. Newport SBA	*	-9	750	-9	150	* AG	2419	3.8	.0	10.0
P. Newport SBD	*	-9	-150	-9	-750	* AG	953	3.8	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	* AG	881	3.8	.0	10.0

R.	Fair EBDX	*	150	-7	750	-7	*	AG	1451	3.8	.0	10.0
S.	Fair WBAX	*	750	7	150	7	*	AG	445	3.8	.0	10.0
T.	Fair WBDX	*	-150	7	-750	7	*	AG	1341	3.8	.0	10.0

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

JOB: OC Fair Cumulative Interim 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	7	-16	1.8
2. NW	*	-17	14	1.8
3. SW	*	-15	-17	1.8
4. NE	*	7	14	1.8
5. ES mdblk	*	150	-16	1.8
6. WN mdblk	*	-150	14	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	14	1.8
9. SE mdblk	*	7	-150	1.8
10. NW mdblk	*	-17	150	1.8
11. SW mdblk	*	-15	-150	1.8
12. NE mdblk	*	7	150	1.8
13. ES blk	*	600	-16	1.8
14. WN blk	*	-600	14	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	14	1.8
17. SE blk	*	7	-600	1.8
18. NW blk	*	-17	600	1.8
19. SW blk	*	-15	-600	1.8
20. NE blk	*	7	600	1.8

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

JOB: OC Fair Cumulative Interim 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	1.2	.0	.0	.0	.3	.0	.3	.0	.3
2. NW	100.	1.3	.0	.0	.0	.4	.0	.0	.0	.2
3. SW	6.	1.4	.0	.0	.0	.6	.0	.1	.2	.0
4. NE	263.	1.4	.0	.0	.0	.3	.0	.1	.1	.0
5. ES mdblk	278.	.9	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	97.	1.1	.0	.0	.0	.0	.0	.0	.1	.1
7. WS mdblk	82.	.7	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	264.	.8	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdblk	354.	.6	.0	.0	.0	.1	.2	.0	.0	.0
10. NW mdblk	170.	1.0	.0	.0	.0	.7	.0	.2	.0	.0
11. SW mdblk	5.	.8	.0	.0	.0	.1	.5	.0	.0	.0
12. NE mdblk	191.	.8	.0	.0	.0	.4	.0	.2	.0	.0
13. ES blk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.7	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	.7	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Interim 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. NW	*	.0	.2	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0
3. SW	*	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.6	.0	.0	.0	.0	.0	.1	.0	.0	.1
5. ES mdblk	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.1	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.8
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.3
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0
17. SE blk	*	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Interim 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	4	-150	4	0	* AG	891	3.8	.0	10.0
B. Newport NBD	*	4	0	4	150	* AG	2126	3.8	.0	10.0
C. Newport NBL	*	2	-150	2	0	* AG	191	3.8	.0	10.0
D. Newport SBA	*	0	150	0	0	* AG	0	3.8	.0	10.0
E. Newport SBD	*	0	0	0	-150	* AG	0	3.8	.0	10.0
F. Newport SBL	*	-2	150	0	0	* AG	0	3.8	.0	10.0
G. Del EBA	*	-150	-11	0	-11	* AG	373	3.8	.0	10.0
H. Del EBD	*	0	-11	150	-11	* AG	473	3.8	.0	10.0
I. Del EBL	*	-150	-9	0	0	* AG	1022	3.8	.0	10.0
J. Del WBA	*	150	7	0	7	* AG	574	3.8	.0	10.0
K. Del WBD	*	0	7	-150	7	* AG	452	3.8	.0	10.0
L. Del WBL	*	150	2	0	0	* AG	0	3.8	.0	10.0
M. Newport NBA	*	4	-750	4	-150	* AG	1082	3.8	.0	10.0
N. Newport NBD	*	4	150	4	750	* AG	2126	3.8	.0	10.0
O. Newport SBA	*	0	750	0	150	* AG	0	3.8	.0	10.0
P. Newport SBD	*	0	-150	0	-750	* AG	0	3.8	.0	10.0
Q. Del EBAX	*	-750	-11	-150	-11	* AG	1395	3.8	.0	10.0

R. Del EBDX	*	150	-11	750	-11	*	AG	473	3.8	.0	10.0
S. Del WBAX	*	750	7	150	7	*	AG	574	3.8	.0	10.0
T. Del WBDX	*	-150	7	-750	7	*	AG	452	3.8	.0	10.0

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

JOB: OC Fair Cumulative Interim 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	11	-17	1.8
2. NW	*	-7	15	1.8
3. SW	*	-7	-17	1.8
4. NE	*	10	17	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	11	-150	1.8
10. NW mdblk	*	-7	150	1.8
11. SW mdblk	*	-7	-150	1.8
12. NE mdblk	*	10	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	11	-600	1.8
18. NW blk	*	-7	600	1.8
19. SW blk	*	-7	-600	1.8
20. NE blk	*	10	600	1.8

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

JOB: OC Fair Cumulative Interim 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	354.	1.1	.0	.7	.0	.0	.0	.0	.0	.1
2. NW	98.	.8	.0	.4	.0	.0	.0	.0	.0	.0
3. SW	7.	1.0	.0	.6	.0	.0	.0	.0	.0	.0
4. NE	260.	1.1	.0	.5	.0	.0	.0	.0	.0	.0
5. ES mdblk	276.	.7	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	99.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	79.	.9	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	264.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	.8	.4	.1	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.8	.0	.6	.0	.0	.0	.0	.0	.0
11. SW mdblk	6.	.6	.3	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	188.	1.2	.0	1.0	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.2	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Interim 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
2. NW	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	*	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NE	*	.2	.0	.2	.0	.0	.0	.0	.0	.2	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.2
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.1
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
17. SE blk	*	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0

ORANGE COUNTY FAIR

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

CUMULATIVE FAIR EVENT

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

JOB: OC Fair Cumulative Fair 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Harbor NBA	*	14	-150	14	0	* AG	2158	3.8	.0	10.0
B. Harbor NBD	*	14	0	14	150	* AG	2639	3.8	.0	10.0
C. Harbor NBL	*	9	-150	2	0	* AG	301	3.8	.0	10.0
D. Harbor SBA	*	-14	150	-14	0	* AG	2653	3.8	.0	10.0
E. Harbor SBD	*	-14	0	-14	-150	* AG	2517	3.8	.0	10.0
F. Harbor SBL	*	-9	150	0	0	* AG	126	3.8	.0	10.0
G. Adams EBA	*	-150	-12	0	-12	* AG	781	3.8	.0	10.0
H. Adams EBD	*	0	-12	150	-12	* AG	1008	3.8	.0	10.0
I. Adams EBL	*	-150	-9	0	0	* AG	608	3.8	.0	10.0
J. Adams WBA	*	150	14	0	14	* AG	602	3.8	.0	10.0
K. Adams WBD	*	0	14	-150	14	* AG	1349	3.8	.0	10.0
L. Adams WBL	*	150	9	0	0	* AG	284	3.8	.0	10.0
M. Harbor NBAX	*	14	-750	14	-150	* AG	2459	3.8	.0	10.0
N. Harbor NBDX	*	14	150	14	750	* AG	2639	3.8	.0	10.0
O. Harbor SBAX	*	-14	750	-14	150	* AG	2779	3.8	.0	10.0
P. Harbor SBDX	*	-14	-150	-14	-750	* AG	2517	3.8	.0	10.0
Q. Adams EBAX	*	-750	-12	-150	-12	* AG	1389	3.8	.0	10.0

R. Adams EBDX	*	150	-12	750	-12	*	AG	1008	3.8	.0	10.0
S. Adams WBAX	*	750	14	150	14	*	AG	886	3.8	.0	10.0
T. Adams WBDX	*	-150	14	-750	14	*	AG	1349	3.8	.0	10.0

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

JOB: OC Fair Cumulative Fair 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	24	-19	1.8
2. NW	*	-24	22	1.8
3. SW	*	-23	-21	1.8
4. NE	*	22	24	1.8
5. ES mdblk	*	150	-19	1.8
6. WN mdblk	*	-150	22	1.8
7. WS mdblk	*	-150	-21	1.8
8. EN mdblk	*	150	24	1.8
9. SE mdblk	*	24	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-23	-150	1.8
12. NE mdblk	*	22	150	1.8
13. ES blk	*	600	-19	1.8
14. WN blk	*	-600	22	1.8
15. WS blk	*	-600	-21	1.8
16. EN blk	*	600	24	1.8
17. SE blk	*	24	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-23	-600	1.8
20. NE blk	*	22	600	1.8

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

JOB: OC Fair Cumulative Fair 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	350.	1.6	.0	.7	.0	.0	.0	.0	.0	.2
2. NW	170.	1.6	.0	.0	.0	.0	.7	.0	.0	.0
3. SW	10.	1.7	.0	.1	.0	.7	.1	.0	.2	.0
4. NE	190.	1.6	.6	.2	.0	.0	.1	.0	.0	.1
5. ES mdblk	277.	1.2	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	99.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	80.	1.0	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	262.	.9	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	350.	1.3	.6	.0	.0	.2	.0	.0	.0	.0
10. NW mdblk	171.	1.4	.1	.0	.0	.7	.0	.0	.0	.0
11. SW mdblk	9.	1.4	.0	.2	.0	.0	.8	.0	.0	.0
12. NE mdblk	189.	1.5	.0	.9	.0	.0	.2	.0	.0	.0
13. ES blk	277.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	.8	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	189.	1.5	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Fair 1
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. SE	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0
3. SW	*	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NE	*	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	*	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.1	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.6
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.0
17. SE blk	*	.0	.0	.0	.0	.8	.0	.0	.3	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.3	.9	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.3	.0	.0	.9	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.0	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Fair 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	11	-150	11	0	*	AG	459	3.2	.0	10.0
B. Fairview NBD	*	11	0	11	150	*	AG	758	3.2	.0	10.0
C. Fairview NBL	*	5	-150	2	0	*	AG	79	3.2	.0	10.0
D. Fairview SBA	*	-14	150	-14	0	*	AG	487	3.2	.0	10.0
E. Fairview SBD	*	-14	0	-14	-150	*	AG	464	3.2	.0	10.0
F. Fairview SBL	*	-9	150	0	0	*	AG	613	3.2	.0	10.0
G. Fair EBA	*	-150	-9	0	-9	*	AG	354	3.2	.0	10.0
H. Fair EBD	*	0	-9	150	-9	*	AG	995	3.2	.0	10.0
I. Fair EBL	*	-150	-5	0	0	*	AG	75	3.2	.0	10.0
J. Fair WBA	*	150	9	0	9	*	AG	539	3.2	.0	10.0
K. Fair WBD	*	0	9	-150	9	*	AG	418	3.2	.0	10.0
L. Fair WBL	*	150	5	0	0	*	AG	29	3.2	.0	10.0
M. Fairview NBA	*	11	-750	11	-150	*	AG	538	3.2	.0	10.0
N. Fairview NBD	*	11	150	11	750	*	AG	758	3.2	.0	10.0
O. Fairview SBA	*	-14	750	-14	150	*	AG	1100	3.2	.0	10.0
P. Fairview SBD	*	-14	-150	-14	-750	*	AG	464	3.2	.0	10.0
Q. Fair EBAX	*	-750	-9	-150	-9	*	AG	429	3.2	.0	10.0

R.	Fair EBDX	*	150	-9	750	-9	*	AG	995	3.2	.0	10.0
S.	Fair WBAX	*	750	9	150	9	*	AG	568	3.2	.0	10.0
T.	Fair WBDX	*	-150	9	-750	9	*	AG	418	3.2	.0	10.0

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

JOB: OC Fair Cumulative Fair 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	21	-15	1.8
2. NW	*	-24	15	1.8
3. SW	*	-22	-17	1.8
4. NE	*	19	17	1.8
5. ES mdblk	*	150	-15	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	21	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-22	-150	1.8
12. NE mdblk	*	19	150	1.8
13. ES blk	*	600	-15	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	21	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-22	-600	1.8
20. NE blk	*	19	600	1.8

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

JOB: OC Fair Cumulative Fair 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	350.	.8	.0	.2	.0	.0	.0	.0	.0	.2
2. NW	97.	.7	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	83.	.7	.0	.0	.0	.0	.0	.0	.0	.3
4. NE	262.	.6	.0	.1	.0	.0	.0	.0	.0	.0
5. ES mdblk	278.	.7	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.4	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	262.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	.5	.1	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	8.	.5	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	7.	.5	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	189.	.5	.0	.3	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	.5	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Fair 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. NW	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0
17. SE blk	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Fair 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	7	-150	7	0	*	AG	1572	3.8	.0	10.0
B. Fairview NBD	*	7	0	7	150	*	AG	1672	3.8	.0	10.0
C. Fairview NBL	*	2	-150	2	0	*	AG	0	3.8	.0	10.0
D. Fairview SBA	*	-12	150	-12	0	*	AG	1469	3.8	.0	10.0
E. Fairview SBD	*	-12	0	-12	-150	*	AG	2007	3.8	.0	10.0
F. Fairview SBL	*	-9	150	0	0	*	AG	510	3.8	.0	10.0
G. SRamp EBA	*	-150	-11	0	-11	*	AG	538	3.8	.0	10.0
H. SRamp EBD	*	0	-11	150	-11	*	AG	970	3.8	.0	10.0
I. SRamp EBL	*	-150	-9	0	0	*	AG	560	3.8	.0	10.0
J. SRamp WBA	*	150	0	0	0	*	AG	0	3.8	.0	10.0
K. SRamp WBD	*	0	0	-150	0	*	AG	0	3.8	.0	10.0
L. SRamp WBL	*	150	2	0	0	*	AG	0	3.8	.0	10.0
M. Fairview NBA	*	7	-750	7	-150	*	AG	1572	3.8	.0	10.0
N. Fairview NBD	*	7	150	7	750	*	AG	1672	3.8	.0	10.0
O. Fairview SBA	*	-12	750	-12	150	*	AG	1979	3.8	.0	10.0
P. Fairview SBD	*	-12	-150	-12	-750	*	AG	2007	3.8	.0	10.0
Q. SRamp EBAX	*	-750	-11	-150	-11	*	AG	1098	3.8	.0	10.0

R.	SRamp EBDX	*	150	-11	750	-11	*	AG	970	3.8	.0	10.0
S.	SRamp WBAX	*	750	0	150	0	*	AG	0	3.8	.0	10.0
T.	SRamp WBDX	*	-150	0	-750	0	*	AG	0	3.8	.0	10.0

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

JOB: OC Fair Cumulative Fair 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

	RECEPTOR	*	COORDINATES (M) X	Y	Z
1.	SE	*	17	-17	1.8
2.	NW	*	-21	7	1.8
3.	SW	*	-21	-17	1.8
4.	NE	*	15	7	1.8
5.	ES mdblk	*	150	-17	1.8
6.	WN mdblk	*	-150	7	1.8
7.	WS mdblk	*	-150	-17	1.8
8.	EN mdblk	*	150	7	1.8
9.	SE mdblk	*	17	-150	1.8
10.	NW mdblk	*	-21	150	1.8
11.	SW mdblk	*	-21	-150	1.8
12.	NE mdblk	*	15	150	1.8
13.	ES blk	*	600	-17	1.8
14.	WN blk	*	-600	7	1.8
15.	WS blk	*	-600	-17	1.8
16.	EN blk	*	600	7	1.8
17.	SE blk	*	17	-600	1.8
18.	NW blk	*	-21	600	1.8
19.	SW blk	*	-21	-600	1.8
20.	NE blk	*	15	600	1.8

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

JOB: OC Fair Cumulative Fair 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	351.	1.3	.0	.5	.0	.1	.0	.0	.0	.2
2. NW	172.	1.4	.1	.0	.0	.0	.7	.0	.0	.0
3. SW	9.	1.3	.0	.1	.0	.5	.0	.1	.1	.0
4. NE	188.	1.2	.6	.0	.0	.0	.1	.0	.0	.1
5. ES mdblk	276.	.8	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	82.	.8	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	264.	.5	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdblk	352.	1.0	.5	.0	.0	.1	.0	.0	.0	.0
10. NW mdblk	171.	1.2	.1	.1	.0	.6	.0	.1	.0	.0
11. SW mdblk	8.	1.3	.0	.1	.0	.0	.7	.0	.0	.0
12. NE mdblk	189.	1.2	.0	.6	.0	.1	.1	.0	.0	.0
13. ES blk	276.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.2	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Fair 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. NW	*	.1	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
3. SW	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
17. SE blk	*	.0	.0	.0	.0	.6	.0	.0	.3	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.3	.8	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.3	.0	.0	.8	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.7	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Fair 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	9	-150	9	0	* AG	1352	3.8	.0	10.0
B. Fairview NBD	*	9	0	9	150	* AG	1956	3.8	.0	10.0
C. Fairview NBL	*	5	-150	2	0	* AG	322	3.8	.0	10.0
D. Fairview SBA	*	-9	150	-9	0	* AG	1995	3.8	.0	10.0
E. Fairview SBD	*	-9	0	-9	-150	* AG	1974	3.8	.0	10.0
F. Fairview SBL	*	-2	150	0	0	* AG	0	3.8	.0	10.0
G. NRamp EBA	*	-150	0	0	0	* AG	0	3.8	.0	10.0
H. NRamp EBD	*	0	0	150	0	* AG	0	3.8	.0	10.0
I. NRamp EBL	*	-150	-2	0	0	* AG	0	3.8	.0	10.0
J. NRamp WBA	*	150	11	0	11	* AG	604	3.8	.0	10.0
K. NRamp WBD	*	0	11	-150	11	* AG	844	3.8	.0	10.0
L. NRamp WBL	*	150	9	0	0	* AG	501	3.8	.0	10.0
M. Fairview NBA	*	9	-750	9	-150	* AG	1674	3.8	.0	10.0
N. Fairview NBD	*	9	150	9	750	* AG	1956	3.8	.0	10.0
O. Fairview SBA	*	-9	750	-9	150	* AG	1995	3.8	.0	10.0
P. Fairview SBD	*	-9	-150	-9	-750	* AG	1974	3.8	.0	10.0
Q. NRamp EBAX	*	-750	0	-150	0	* AG	0	3.8	.0	10.0

R.	NRamp EBDX	*	150	0	750	0	*	AG	0	3.8	.0	10.0
S.	NRamp WBAX	*	750	11	150	11	*	AG	1105	3.8	.0	10.0
T.	NRamp WBDX	*	-150	11	-750	11	*	AG	844	3.8	.0	10.0

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

JOB: OC Fair Cumulative Fair 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-7	1.8
2. NW	*	-21	17	1.8
3. SW	*	-19	-7	1.8
4. NE	*	17	17	1.8
5. ES mdblk	*	150	-7	1.8
6. WN mdblk	*	-150	17	1.8
7. WS mdblk	*	-150	-7	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-19	-150	1.8
12. NE mdblk	*	17	150	1.8
13. ES blk	*	600	-7	1.8
14. WN blk	*	-600	17	1.8
15. WS blk	*	-600	-7	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-19	-600	1.8
20. NE blk	*	17	600	1.8

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

JOB: OC Fair Cumulative Fair 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	1.4	.0	.7	.0	.1	.0	.0	.0	.0
2. NW	171.	1.2	.1	.0	.0	.0	.5	.0	.0	.0
3. SW	8.	1.2	.0	.1	.0	.6	.0	.0	.0	.0
4. NE	189.	1.3	.5	.0	.0	.0	.2	.0	.0	.0
5. ES mdblk	278.	.5	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	96.	.8	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.5	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	262.	.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	1.2	.5	.0	.0	.1	.1	.0	.0	.0
10. NW mdblk	172.	1.0	.1	.0	.0	.5	.0	.0	.0	.0
11. SW mdblk	8.	1.1	.0	.1	.0	.0	.6	.0	.0	.0
12. NE mdblk	188.	1.3	.0	.7	.0	.1	.1	.0	.0	.0
13. ES blk	277.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.7	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.8	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Fair 4
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. SE	*	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.2	.0	.2	.0	.0	.1	.0	.0	.0	.0
3. SW	*	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
4. NE	*	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	*	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0
17. SE blk	*	.0	.0	.0	.0	.7	.0	.0	.3	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.3	.6	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.3	.0	.0	.7	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.8	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Fair 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Van NBA	*	2	-150	2	0	*	AG	26	3.2	.0	10.0
B. Van NBD	*	2	0	2	150	*	AG	106	3.2	.0	10.0
C. Van NBL	*	2	-150	2	0	*	AG	22	3.2	.0	10.0
D. Van SBA	*	-5	150	-5	0	*	AG	80	3.2	.0	10.0
E. Van SBD	*	-5	0	-5	-150	*	AG	591	3.2	.0	10.0
F. Van SBL	*	-5	150	0	0	*	AG	56	3.2	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	*	AG	600	3.2	.0	10.0
H. Fair EBD	*	0	-7	150	-7	*	AG	521	3.2	.0	10.0
I. Fair EBL	*	-150	-5	0	0	*	AG	48	3.2	.0	10.0
J. Fair WBA	*	150	9	0	9	*	AG	583	3.2	.0	10.0
K. Fair WBD	*	0	9	-150	9	*	AG	622	3.2	.0	10.0
L. Fair WBL	*	150	5	0	0	*	AG	425	3.2	.0	10.0
M. Van NBA	*	2	-750	2	-150	*	AG	48	3.2	.0	10.0
N. Van NBD	*	2	150	2	750	*	AG	106	3.2	.0	10.0
O. Van SBA	*	-5	750	-5	150	*	AG	136	3.2	.0	10.0
P. Van SBD	*	-5	-150	-5	-750	*	AG	591	3.2	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	*	AG	648	3.2	.0	10.0

R.	Fair EBDX	*	150	-7	750	-7	*	AG	521	3.2	.0	10.0
S.	Fair WBAX	*	750	9	150	9	*	AG	1008	3.2	.0	10.0
T.	Fair WBDX	*	-150	9	-750	9	*	AG	622	3.2	.0	10.0

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

JOB: OC Fair Cumulative Fair 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	8	-14	1.8
2. NW	*	-12	15	1.8
3. SW	*	-12	-14	1.8
4. NE	*	8	17	1.8
5. ES mdblk	*	150	-14	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-14	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	8	-150	1.8
10. NW mdblk	*	-12	150	1.8
11. SW mdblk	*	-12	-150	1.8
12. NE mdblk	*	8	150	1.8
13. ES blk	*	600	-14	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-14	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	8	-600	1.8
18. NW blk	*	-12	600	1.8
19. SW blk	*	-12	-600	1.8
20. NE blk	*	8	600	1.8

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

JOB: OC Fair Cumulative Fair 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	277.	.6	.0	.0	.0	.0	.0	.0	.3	.0
2. NW	97.	.6	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	82.	.7	.0	.0	.0	.0	.1	.0	.0	.2
4. NE	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	277.	.5	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	97.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.6	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	262.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	351.	.3	.0	.0	.0	.0	.1	.0	.0	.0
10. NW mdblk	175.	.3	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	8.	.4	.0	.0	.0	.0	.3	.0	.0	.0
12. NE mdblk	185.	.3	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	185.	.2	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Fair 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
4. NE	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0
17. SE blk	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Fair 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	0	-150	0	0	*	AG	0	3.2	.0	10.0
B. Newport NBD	*	0	0	0	150	*	AG	0	3.2	.0	10.0
C. Newport NBL	*	2	-150	2	0	*	AG	0	3.2	.0	10.0
D. Newport SBA	*	-9	150	-9	0	*	AG	1081	3.2	.0	10.0
E. Newport SBD	*	-9	0	-9	-150	*	AG	837	3.2	.0	10.0
F. Newport SBL	*	-5	150	0	0	*	AG	263	3.2	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	*	AG	596	3.2	.0	10.0
H. Fair EBD	*	0	-7	150	-7	*	AG	835	3.2	.0	10.0
I. Fair EBL	*	-150	-2	0	0	*	AG	0	3.2	.0	10.0
J. Fair WBA	*	150	7	0	7	*	AG	303	3.2	.0	10.0
K. Fair WBD	*	0	7	-150	7	*	AG	699	3.2	.0	10.0
L. Fair WBL	*	150	5	0	0	*	AG	128	3.2	.0	10.0
M. Newport NBA	*	0	-750	0	-150	*	AG	0	3.2	.0	10.0
N. Newport NBD	*	0	150	0	750	*	AG	0	3.2	.0	10.0
O. Newport SBA	*	-9	750	-9	150	*	AG	1344	3.2	.0	10.0
P. Newport SBD	*	-9	-150	-9	-750	*	AG	837	3.2	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	*	AG	596	3.2	.0	10.0

R.	Fair EBDX	*	150	-7	750	-7	*	AG	835	3.2	.0	10.0
S.	Fair WBAX	*	750	7	150	7	*	AG	431	3.2	.0	10.0
T.	Fair WBDX	*	-150	7	-750	7	*	AG	699	3.2	.0	10.0

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

JOB: OC Fair Cumulative Fair 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	7	-16	1.8
2. NW	-17	14	1.8
3. SW	-15	-17	1.8
4. NE	7	14	1.8
5. ES mdblk	150	-16	1.8
6. WN mdblk	-150	14	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	7	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	7	150	1.8
13. ES blk	600	-16	1.8
14. WN blk	-600	14	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	14	1.8
17. SE blk	7	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-15	-600	1.8
20. NE blk	7	600	1.8

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

JOB: OC Fair Cumulative Fair 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	353.	.6	.0	.0	.0	.2	.0	.1	.0	.1
2. NW	98.	.7	.0	.0	.0	.2	.0	.0	.0	.1
3. SW	6.	.8	.0	.0	.0	.4	.0	.0	.1	.0
4. NE	263.	.7	.0	.0	.0	.1	.0	.0	.0	.0
5. ES mdblk	278.	.5	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	97.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.4	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	.4	.0	.0	.0	.0	.1	.0	.0	.0
10. NW mdblk	172.	.6	.0	.0	.0	.4	.0	.0	.0	.0
11. SW mdblk	5.	.6	.0	.0	.0	.0	.3	.0	.0	.0
12. NE mdblk	188.	.4	.0	.0	.0	.2	.0	.0	.0	.0
13. ES blk	277.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.4	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Fair 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. NW	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.4
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0
17. SE blk	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Fair 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	4	-150	4	0	*	AG	910	3.2	.0	10.0
B. Newport NBD	*	4	0	4	150	*	AG	1618	3.2	.0	10.0
C. Newport NBL	*	2	-150	2	0	*	AG	166	3.2	.0	10.0
D. Newport SBA	*	0	150	0	0	*	AG	0	3.2	.0	10.0
E. Newport SBD	*	0	0	0	-150	*	AG	0	3.2	.0	10.0
F. Newport SBL	*	-2	150	0	0	*	AG	0	3.2	.0	10.0
G. Del EBA	*	-150	-11	0	-11	*	AG	321	3.2	.0	10.0
H. Del EBD	*	0	-11	150	-11	*	AG	404	3.2	.0	10.0
I. Del EBL	*	-150	-9	0	0	*	AG	528	3.2	.0	10.0
J. Del WBA	*	150	7	0	7	*	AG	528	3.2	.0	10.0
K. Del WBD	*	0	7	-150	7	*	AG	431	3.2	.0	10.0
L. Del WBL	*	150	2	0	0	*	AG	0	3.2	.0	10.0
M. Newport NBA	*	4	-750	4	-150	*	AG	1076	3.2	.0	10.0
N. Newport NBD	*	4	150	4	750	*	AG	1618	3.2	.0	10.0
O. Newport SBA	*	0	750	0	150	*	AG	0	3.2	.0	10.0
P. Newport SBD	*	0	-150	0	-750	*	AG	0	3.2	.0	10.0
Q. Del EBAX	*	-750	-11	-150	-11	*	AG	849	3.2	.0	10.0

R. Del EBDX	*	150	-11	750	-11	*	AG	404	3.2	.0	10.0
S. Del WBAX	*	750	7	150	7	*	AG	528	3.2	.0	10.0
T. Del WBDX	*	-150	7	-750	7	*	AG	431	3.2	.0	10.0

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

JOB: OC Fair Cumulative Fair 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	11	-17	1.8
2. NW	*	-7	15	1.8
3. SW	*	-7	-17	1.8
4. NE	*	10	17	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	11	-150	1.8
10. NW mdblk	*	-7	150	1.8
11. SW mdblk	*	-7	-150	1.8
12. NE mdblk	*	10	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	11	-600	1.8
18. NW blk	*	-7	600	1.8
19. SW blk	*	-7	-600	1.8
20. NE blk	*	10	600	1.8

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

JOB: OC Fair Cumulative Fair 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	354.	.8	.0	.5	.0	.0	.0	.0	.0	.0
2. NW	97.	.6	.0	.3	.0	.0	.0	.0	.0	.0
3. SW	7.	.7	.0	.4	.0	.0	.0	.0	.0	.0
4. NE	188.	.8	.3	.2	.0	.0	.0	.0	.0	.0
5. ES mdblk	276.	.5	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	98.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	80.	.5	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	.6	.3	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.5	.0	.4	.0	.0	.0	.0	.0	.0
11. SW mdblk	6.	.5	.2	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	188.	.8	.0	.7	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.8	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Fair 7
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. SE	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
2. NW	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
17. SE blk	*	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0

ORANGE COUNTY FAIR

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

CUMULATIVE TYPICAL WEEKEND PLUS MASTER PLAN

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

JOB: OC Fair Cumulative Typical + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Harbor NBA	*	14	-150	14	0	* AG	2157	3.8	.0	10.0
B. Harbor NBD	*	14	0	14	150	* AG	2777	3.8	.0	10.0
C. Harbor NBL	*	9	-150	2	0	* AG	369	3.8	.0	10.0
D. Harbor SBA	*	-14	150	-14	0	* AG	2275	3.8	.0	10.0
E. Harbor SBD	*	-14	0	-14	-150	* AG	2204	3.8	.0	10.0
F. Harbor SBL	*	-9	150	0	0	* AG	178	3.8	.0	10.0
G. Adams EBA	*	-150	-12	0	-12	* AG	884	3.8	.0	10.0
H. Adams EBD	*	0	-12	150	-12	* AG	1082	3.8	.0	10.0
I. Adams EBL	*	-150	-9	0	0	* AG	628	3.8	.0	10.0
J. Adams WBA	*	150	14	0	14	* AG	745	3.8	.0	10.0
K. Adams WBD	*	0	14	-150	14	* AG	1512	3.8	.0	10.0
L. Adams WBL	*	150	9	0	0	* AG	339	3.8	.0	10.0
M. Harbor NBAX	*	14	-750	14	-150	* AG	2526	3.8	.0	10.0
N. Harbor NBDX	*	14	150	14	750	* AG	2777	3.8	.0	10.0
O. Harbor SBAX	*	-14	750	-14	150	* AG	2453	3.8	.0	10.0
P. Harbor SBDX	*	-14	-150	-14	-750	* AG	2204	3.8	.0	10.0
Q. Adams EBAX	*	-750	-12	-150	-12	* AG	1512	3.8	.0	10.0

R. Adams EBDX	*	150	-12	750	-12	*	AG	1082	3.8	.0	10.0
S. Adams WBAX	*	750	14	150	14	*	AG	1084	3.8	.0	10.0
T. Adams WBDX	*	-150	14	-750	14	*	AG	1512	3.8	.0	10.0

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

JOB: OC Fair Cumulative Typical + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	24	-19	1.8
2. NW	*	-24	22	1.8
3. SW	*	-23	-21	1.8
4. NE	*	22	24	1.8
5. ES mdblk	*	150	-19	1.8
6. WN mdblk	*	-150	22	1.8
7. WS mdblk	*	-150	-21	1.8
8. EN mdblk	*	150	24	1.8
9. SE mdblk	*	24	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-23	-150	1.8
12. NE mdblk	*	22	150	1.8
13. ES blk	*	600	-19	1.8
14. WN blk	*	-600	22	1.8
15. WS blk	*	-600	-21	1.8
16. EN blk	*	600	24	1.8
17. SE blk	*	24	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-23	-600	1.8
20. NE blk	*	22	600	1.8

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

JOB: OC Fair Cumulative Typical + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	278.	1.7	.4	.0	.0	.0	.2	.0	.3	.2
2. NW	169.	1.6	.1	.0	.0	.0	.6	.0	.0	.0
3. SW	10.	1.7	.0	.1	.0	.6	.0	.0	.2	.0
4. NE	190.	1.6	.6	.3	.0	.0	.1	.0	.0	.1
5. ES mdblk	277.	1.2	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	99.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	80.	1.1	.0	.0	.0	.0	.0	.0	.4	.0
8. EN mdblk	262.	.9	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	350.	1.3	.6	.0	.0	.2	.0	.0	.0	.0
10. NW mdblk	171.	1.3	.1	.0	.0	.6	.0	.0	.0	.0
11. SW mdblk	9.	1.4	.0	.2	.0	.0	.7	.0	.0	.0
12. NE mdblk	189.	1.6	.0	.9	.0	.0	.2	.0	.0	.0
13. ES blk	277.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	.8	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Typical + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
2. NW	*	.0	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0
3. SW	*	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0
4. NE	*	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	*	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.7
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.0
17. SE blk	*	.0	.0	.0	.0	.8	.0	.0	.2	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.3	.8	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.3	.0	.0	.8	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.0	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Typical + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	11	-150	11	0	* AG	555	3.2	.0	10.0
B. Fairview NBD	*	11	0	11	150	* AG	977	3.2	.0	10.0
C. Fairview NBL	*	5	-150	2	0	* AG	54	3.2	.0	10.0
D. Fairview SBA	*	-14	150	-14	0	* AG	620	3.2	.0	10.0
E. Fairview SBD	*	-14	0	-14	-150	* AG	614	3.2	.0	10.0
F. Fairview SBL	*	-9	150	0	0	* AG	471	3.2	.0	10.0
G. Fair EBA	*	-150	-9	0	-9	* AG	414	3.2	.0	10.0
H. Fair EBD	*	0	-9	150	-9	* AG	972	3.2	.0	10.0
I. Fair EBL	*	-150	-5	0	0	* AG	73	3.2	.0	10.0
J. Fair WBA	*	150	9	0	9	* AG	898	3.2	.0	10.0
K. Fair WBD	*	0	9	-150	9	* AG	590	3.2	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	68	3.2	.0	10.0
M. Fairview NBA	*	11	-750	11	-150	* AG	609	3.2	.0	10.0
N. Fairview NBD	*	11	150	11	750	* AG	977	3.2	.0	10.0
O. Fairview SBA	*	-14	750	-14	150	* AG	1091	3.2	.0	10.0
P. Fairview SBD	*	-14	-150	-14	-750	* AG	614	3.2	.0	10.0
Q. Fair EBAX	*	-750	-9	-150	-9	* AG	487	3.2	.0	10.0

R. Fair EBDX	*	150	-9	750	-9	*	AG	972	3.2	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	966	3.2	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	590	3.2	.0	10.0

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

JOB: OC Fair Cumulative Typical + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	21	-15	1.8
2. NW	*	-24	15	1.8
3. SW	*	-22	-17	1.8
4. NE	*	19	17	1.8
5. ES mdblk	*	150	-15	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	21	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-22	-150	1.8
12. NE mdblk	*	19	150	1.8
13. ES blk	*	600	-15	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	21	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-22	-600	1.8
20. NE blk	*	19	600	1.8

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

JOB: OC Fair Cumulative Typical + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	351.	.9	.0	.3	.0	.0	.0	.0	.0	.2
2. NW	97.	.9	.0	.0	.0	.1	.0	.0	.0	.0
3. SW	83.	.7	.0	.0	.0	.0	.1	.0	.0	.3
4. NE	262.	.7	.0	.2	.0	.0	.0	.0	.0	.0
5. ES mdblk	279.	.7	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	96.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.5	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	262.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	.5	.1	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	167.	.5	.0	.0	.0	.2	.0	.1	.0	.0
11. SW mdblk	7.	.6	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	189.	.6	.0	.3	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.8	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.7	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Typical + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. NW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
4. NE	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.2	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.0
17. SE blk	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Typical + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	7	-150	7	0	*	AG	2181	3.8	.0	10.0
B. Fairview NBD	*	7	0	7	150	*	AG	2212	3.8	.0	10.0
C. Fairview NBL	*	2	-150	2	0	*	AG	0	3.8	.0	10.0
D. Fairview SBA	*	-12	150	-12	0	*	AG	1220	3.8	.0	10.0
E. Fairview SBD	*	-12	0	-12	-150	*	AG	1662	3.8	.0	10.0
F. Fairview SBL	*	-9	150	0	0	*	AG	623	3.8	.0	10.0
G. SRamp EBA	*	-150	-11	0	-11	*	AG	442	3.8	.0	10.0
H. SRamp EBD	*	0	-11	150	-11	*	AG	1217	3.8	.0	10.0
I. SRamp EBL	*	-150	-9	0	0	*	AG	625	3.8	.0	10.0
J. SRamp WBA	*	150	0	0	0	*	AG	0	3.8	.0	10.0
K. SRamp WBD	*	0	0	-150	0	*	AG	0	3.8	.0	10.0
L. SRamp WBL	*	150	2	0	0	*	AG	0	3.8	.0	10.0
M. Fairview NBA	*	7	-750	7	-150	*	AG	2181	3.8	.0	10.0
N. Fairview NBD	*	7	150	7	750	*	AG	2212	3.8	.0	10.0
O. Fairview SBA	*	-12	750	-12	150	*	AG	1843	3.8	.0	10.0
P. Fairview SBD	*	-12	-150	-12	-750	*	AG	1662	3.8	.0	10.0
Q. SRamp EBAX	*	-750	-11	-150	-11	*	AG	1067	3.8	.0	10.0

R.	SRamp EBDX	*	150	-11	750	-11	*	AG	1217	3.8	.0	10.0
S.	SRamp WBAX	*	750	0	150	0	*	AG	0	3.8	.0	10.0
T.	SRamp WBDX	*	-150	0	-750	0	*	AG	0	3.8	.0	10.0

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

JOB: OC Fair Cumulative Typical + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-17	1.8
2. NW	*	-21	7	1.8
3. SW	*	-21	-17	1.8
4. NE	*	15	7	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	7	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	7	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-21	-150	1.8
12. NE mdblk	*	15	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	7	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	7	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-21	-600	1.8
20. NE blk	*	15	600	1.8

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

JOB: OC Fair Cumulative Typical + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	350.	1.5	.0	.6	.0	.1	.0	.1	.0	.3
2. NW	172.	1.3	.1	.0	.0	.0	.6	.0	.0	.0
3. SW	9.	1.3	.0	.2	.0	.4	.0	.1	.1	.0
4. NE	188.	1.4	.8	.0	.0	.0	.1	.0	.0	.2
5. ES mdblk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.6
6. WN mdblk	97.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	82.	.8	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.2
9. SE mdblk	352.	1.2	.6	.0	.0	.1	.0	.0	.0	.0
10. NW mdblk	171.	1.2	.2	.1	.0	.5	.0	.2	.0	.0
11. SW mdblk	8.	1.2	.1	.2	.0	.0	.6	.0	.0	.0
12. NE mdblk	189.	1.4	.0	.8	.0	.0	.1	.1	.0	.0
13. ES blk	276.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Typical + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. NW	*	.1	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
3. SW	*	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
17. SE blk	*	.0	.0	.0	.0	.7	.0	.0	.3	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.3	.8	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.3	.0	.0	.7	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.9	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Typical + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	9	-150	9	0	*	AG	1485	4.7	.0	10.0
B. Fairview NBD	*	9	0	9	150	*	AG	1958	4.7	.0	10.0
C. Fairview NBL	*	5	-150	2	0	*	AG	404	4.7	.0	10.0
D. Fairview SBA	*	-9	150	-9	0	*	AG	1899	4.7	.0	10.0
E. Fairview SBD	*	-9	0	-9	-150	*	AG	1821	4.7	.0	10.0
F. Fairview SBL	*	-2	150	0	0	*	AG	0	4.7	.0	10.0
G. NRamp EBA	*	-150	0	0	0	*	AG	0	4.7	.0	10.0
H. NRamp EBD	*	0	0	150	0	*	AG	0	4.7	.0	10.0
I. NRamp EBL	*	-150	-2	0	0	*	AG	0	4.7	.0	10.0
J. NRamp WBA	*	150	11	0	11	*	AG	473	4.7	.0	10.0
K. NRamp WBD	*	0	11	-150	11	*	AG	1052	4.7	.0	10.0
L. NRamp WBL	*	150	9	0	0	*	AG	570	4.7	.0	10.0
M. Fairview NBA	*	9	-750	9	-150	*	AG	1889	4.7	.0	10.0
N. Fairview NBD	*	9	150	9	750	*	AG	1958	4.7	.0	10.0
O. Fairview SBA	*	-9	750	-9	150	*	AG	1899	4.7	.0	10.0
P. Fairview SBD	*	-9	-150	-9	-750	*	AG	1821	4.7	.0	10.0
Q. NRamp EBAX	*	-750	0	-150	0	*	AG	0	4.7	.0	10.0

R. NRamp EBDX	*	150	0	750	0	*	AG	0	4.7	.0	10.0
S. NRamp WBAX	*	750	11	150	11	*	AG	1043	4.7	.0	10.0
T. NRamp WBDX	*	-150	11	-750	11	*	AG	1052	4.7	.0	10.0

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

JOB: OC Fair Cumulative Typical + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-7	1.8
2. NW	*	-21	17	1.8
3. SW	*	-19	-7	1.8
4. NE	*	17	17	1.8
5. ES mdblk	*	150	-7	1.8
6. WN mdblk	*	-150	17	1.8
7. WS mdblk	*	-150	-7	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-19	-150	1.8
12. NE mdblk	*	17	150	1.8
13. ES blk	*	600	-7	1.8
14. WN blk	*	-600	17	1.8
15. WS blk	*	-600	-7	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-19	-600	1.8
20. NE blk	*	17	600	1.8

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

JOB: OC Fair Cumulative Typical + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	1.7	.0	.9	.0	.2	.0	.0	.0	.0
2. NW	171.	1.5	.1	.0	.0	.0	.6	.0	.0	.0
3. SW	8.	1.5	.0	.1	.0	.7	.0	.0	.0	.0
4. NE	189.	1.7	.6	.1	.1	.0	.2	.0	.0	.0
5. ES mdblk	277.	.7	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	97.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.6	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	262.	.9	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	1.5	.7	.0	.1	.2	.2	.0	.0	.0
10. NW mdblk	172.	1.3	.2	.1	.0	.6	.1	.0	.0	.0
11. SW mdblk	8.	1.4	.1	.2	.0	.1	.6	.0	.0	.0
12. NE mdblk	188.	1.6	.0	.9	.0	.2	.2	.0	.0	.0
13. ES blk	277.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Typical + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.2	.0	.2	.3	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.3	.0	.3	.0	.0	.1	.0	.0	.0	.0
3. SW	*	.0	.0	.2	.0	.0	.3	.2	.0	.0	.0	.0	.0
4. NE	*	.0	.1	.0	.1	.1	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	*	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0
17. SE blk	*	.0	.0	.0	.0	1.0	.0	.0	.4	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.4	.7	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.4	.0	.0	.8	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.0	.4	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Typical + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Van NBA	*	2	-150	2	0	*	AG	59	3.2	.0	10.0
B. Van NBD	*	2	0	2	150	*	AG	272	3.2	.0	10.0
C. Van NBL	*	2	-150	2	0	*	AG	77	3.2	.0	10.0
D. Van SBA	*	-5	150	-5	0	*	AG	78	3.2	.0	10.0
E. Van SBD	*	-5	0	-5	-150	*	AG	128	3.2	.0	10.0
F. Van SBL	*	-5	150	0	0	*	AG	117	3.2	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	*	AG	693	3.2	.0	10.0
H. Fair EBD	*	0	-7	150	-7	*	AG	768	3.2	.0	10.0
I. Fair EBL	*	-150	-5	0	0	*	AG	143	3.2	.0	10.0
J. Fair WBA	*	150	9	0	9	*	AG	936	3.2	.0	10.0
K. Fair WBD	*	0	9	-150	9	*	AG	962	3.2	.0	10.0
L. Fair WBL	*	150	5	0	0	*	AG	27	3.2	.0	10.0
M. Van NBA	*	2	-750	2	-150	*	AG	136	3.2	.0	10.0
N. Van NBD	*	2	150	2	750	*	AG	272	3.2	.0	10.0
O. Van SBA	*	-5	750	-5	150	*	AG	195	3.2	.0	10.0
P. Van SBD	*	-5	-150	-5	-750	*	AG	128	3.2	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	*	AG	836	3.2	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	768	3.2	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	963	3.2	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	962	3.2	.0	10.0

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

JOB: OC Fair Cumulative Typical + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	8	-14	1.8
2. NW	*	-12	15	1.8
3. SW	*	-12	-14	1.8
4. NE	*	8	17	1.8
5. ES mdblk	*	150	-14	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-14	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	8	-150	1.8
10. NW mdblk	*	-12	150	1.8
11. SW mdblk	*	-12	-150	1.8
12. NE mdblk	*	8	150	1.8
13. ES blk	*	600	-14	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-14	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	8	-600	1.8
18. NW blk	*	-12	600	1.8
19. SW blk	*	-12	-600	1.8
20. NE blk	*	8	600	1.8

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

JOB: OC Fair Cumulative Typical + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	277.	.7	.0	.0	.0	.0	.0	.0	.3	.0
2. NW	97.	.7	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	83.	.7	.0	.0	.0	.0	.0	.0	.0	.3
4. NE	262.	.7	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	277.	.7	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	97.	.7	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.7	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	263.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	355.	.3	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	173.	.3	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	5.	.3	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	187.	.3	.0	.1	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.7	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.7	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	355.	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Typical + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
2. NW	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
4. NE	.0	.0	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.5
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Typical + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	0	-150	0	0	*	AG	0	3.8	.0	10.0
B. Newport NBD	*	0	0	0	150	*	AG	0	3.8	.0	10.0
C. Newport NBL	*	2	-150	2	0	*	AG	0	3.8	.0	10.0
D. Newport SBA	*	-9	150	-9	0	*	AG	1565	3.8	.0	10.0
E. Newport SBD	*	-9	0	-9	-150	*	AG	918	3.8	.0	10.0
F. Newport SBL	*	-5	150	0	0	*	AG	462	3.8	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	*	AG	952	3.8	.0	10.0
H. Fair EBD	*	0	-7	150	-7	*	AG	1343	3.8	.0	10.0
I. Fair EBL	*	-150	-2	0	0	*	AG	0	3.8	.0	10.0
J. Fair WBA	*	150	7	0	7	*	AG	314	3.8	.0	10.0
K. Fair WBD	*	0	7	-150	7	*	AG	1149	3.8	.0	10.0
L. Fair WBL	*	150	5	0	0	*	AG	117	3.8	.0	10.0
M. Newport NBA	*	0	-750	0	-150	*	AG	0	3.8	.0	10.0
N. Newport NBD	*	0	150	0	750	*	AG	0	3.8	.0	10.0
O. Newport SBA	*	-9	750	-9	150	*	AG	2027	3.8	.0	10.0
P. Newport SBD	*	-9	-150	-9	-750	*	AG	918	3.8	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	*	AG	952	3.8	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	1343	3.8	.0	10.0
S. Fair WBAX	*	750	7	150	7	*	AG	431	3.8	.0	10.0
T. Fair WBDX	*	-150	7	-750	7	*	AG	1149	3.8	.0	10.0

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

JOB: OC Fair Cumulative Typical + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	7	-16	1.8
2. NW	*	-17	14	1.8
3. SW	*	-15	-17	1.8
4. NE	*	7	14	1.8
5. ES mdblk	*	150	-16	1.8
6. WN mdblk	*	-150	14	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	14	1.8
9. SE mdblk	*	7	-150	1.8
10. NW mdblk	*	-17	150	1.8
11. SW mdblk	*	-15	-150	1.8
12. NE mdblk	*	7	150	1.8
13. ES blk	*	600	-16	1.8
14. WN blk	*	-600	14	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	14	1.8
17. SE blk	*	7	-600	1.8
18. NW blk	*	-17	600	1.8
19. SW blk	*	-15	-600	1.8
20. NE blk	*	7	600	1.8

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

JOB: OC Fair Cumulative Typical + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	1.0	.0	.0	.0	.3	.0	.2	.0	.3
2. NW	99.	1.1	.0	.0	.0	.3	.0	.0	.0	.2
3. SW	6.	1.3	.0	.0	.0	.6	.0	.1	.2	.0
4. NE	263.	1.3	.0	.0	.0	.2	.0	.1	.1	.0
5. ES mdblk	278.	.9	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	97.	1.0	.0	.0	.0	.0	.0	.0	.1	.1
7. WS mdblk	82.	.7	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	264.	.7	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdblk	354.	.5	.0	.0	.0	.1	.2	.0	.0	.0
10. NW mdblk	170.	.9	.0	.0	.0	.6	.0	.1	.0	.0
11. SW mdblk	5.	.8	.0	.0	.0	.1	.4	.0	.0	.0
12. NE mdblk	190.	.7	.0	.0	.0	.3	.0	.2	.0	.0
13. ES blk	277.	.8	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.7	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.9	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Typical + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. NW	.0	.1	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0
3. SW	.0	.0	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0
4. NE	.0	.0	.6	.0	.0	.0	.0	.0	.1	.0	.0	.1
5. ES mdblk	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.7
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Typical + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	4	-150	4	0	* AG	1052	3.8	.0	10.0
B. Newport NBD	*	4	0	4	150	* AG	2255	3.8	.0	10.0
C. Newport NBL	*	2	-150	2	0	* AG	153	3.8	.0	10.0
D. Newport SBA	*	0	150	0	0	* AG	0	3.8	.0	10.0
E. Newport SBD	*	0	0	0	-150	* AG	0	3.8	.0	10.0
F. Newport SBL	*	-2	150	0	0	* AG	0	3.8	.0	10.0
G. Del EBA	*	-150	-11	0	-11	* AG	410	3.8	.0	10.0
H. Del EBD	*	0	-11	150	-11	* AG	555	3.8	.0	10.0
I. Del EBL	*	-150	-9	0	0	* AG	1026	3.8	.0	10.0
J. Del WBA	*	150	7	0	7	* AG	653	3.8	.0	10.0
K. Del WBD	*	0	7	-150	7	* AG	484	3.8	.0	10.0
L. Del WBL	*	150	2	0	0	* AG	0	3.8	.0	10.0
M. Newport NBA	*	4	-750	4	-150	* AG	1205	3.8	.0	10.0
N. Newport NBD	*	4	150	4	750	* AG	2255	3.8	.0	10.0
O. Newport SBA	*	0	750	0	150	* AG	0	3.8	.0	10.0
P. Newport SBD	*	0	-150	0	-750	* AG	0	3.8	.0	10.0
Q. Del EBAX	*	-750	-11	-150	-11	* AG	1436	3.8	.0	10.0

R. Del EBDX	*	150	-11	750	-11	*	AG	555	3.8	.0	10.0
S. Del WBAX	*	750	7	150	7	*	AG	653	3.8	.0	10.0
T. Del WBDX	*	-150	7	-750	7	*	AG	484	3.8	.0	10.0

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

JOB: OC Fair Cumulative Typical + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	11	-17	1.8
2. NW	*	-7	15	1.8
3. SW	*	-7	-17	1.8
4. NE	*	10	17	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	11	-150	1.8
10. NW mdblk	*	-7	150	1.8
11. SW mdblk	*	-7	-150	1.8
12. NE mdblk	*	10	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	11	-600	1.8
18. NW blk	*	-7	600	1.8
19. SW blk	*	-7	-600	1.8
20. NE blk	*	10	600	1.8

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

JOB: OC Fair Cumulative Typical + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	354.	1.2	.0	.7	.0	.0	.0	.0	.0	.1
2. NW	98.	.9	.0	.4	.0	.0	.0	.0	.0	.0
3. SW	7.	1.1	.0	.6	.0	.0	.0	.0	.1	.0
4. NE	260.	1.1	.0	.5	.0	.0	.0	.0	.0	.0
5. ES mdblk	276.	.7	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	98.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	79.	.9	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	264.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	.8	.4	.1	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.8	.0	.6	.0	.0	.0	.0	.0	.0
11. SW mdblk	6.	.7	.3	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	188.	1.2	.0	1.0	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Typical + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
2. NW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NE	.2	.0	.2	.0	.0	.0	.0	.0	.2	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.2
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0
17. SE blk	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0

ORANGE COUNTY FAIR

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

CUMULATIVE INTERIM EVENT PLUS MASTER PLAN

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

JOB: OC Fair Cumulative Interim + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Harbor NBA	*	14	-150	14	0	*	AG	1909	4.7	.0	10.0
B. Harbor NBD	*	14	0	14	150	*	AG	2487	4.7	.0	10.0
C. Harbor NBL	*	9	-150	2	0	*	AG	321	4.7	.0	10.0
D. Harbor SBA	*	-14	150	-14	0	*	AG	2758	4.7	.0	10.0
E. Harbor SBD	*	-14	0	-14	-150	*	AG	2639	4.7	.0	10.0
F. Harbor SBL	*	-9	150	0	0	*	AG	149	4.7	.0	10.0
G. Adams EBA	*	-150	-12	0	-12	*	AG	801	4.7	.0	10.0
H. Adams EBD	*	0	-12	150	-12	*	AG	972	4.7	.0	10.0
I. Adams EBL	*	-150	-9	0	0	*	AG	639	4.7	.0	10.0
J. Adams WBA	*	150	14	0	14	*	AG	604	4.7	.0	10.0
K. Adams WBD	*	0	14	-150	14	*	AG	1436	4.7	.0	10.0
L. Adams WBL	*	150	9	0	0	*	AG	353	4.7	.0	10.0
M. Harbor NBAX	*	14	-750	14	-150	*	AG	2230	4.7	.0	10.0
N. Harbor NBDX	*	14	150	14	750	*	AG	2487	4.7	.0	10.0
O. Harbor SBAX	*	-14	750	-14	150	*	AG	2907	4.7	.0	10.0
P. Harbor SBDX	*	-14	-150	-14	-750	*	AG	2639	4.7	.0	10.0
Q. Adams EBAX	*	-750	-12	-150	-12	*	AG	1440	4.7	.0	10.0

R. Adams EBDX	*	150	-12	750	-12	*	AG	972	4.7	.0	10.0
S. Adams WBAX	*	750	14	150	14	*	AG	957	4.7	.0	10.0
T. Adams WBDX	*	-150	14	-750	14	*	AG	1436	4.7	.0	10.0

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

JOB: OC Fair Cumulative Interim + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	24	-19	1.8
2. NW	*	-24	22	1.8
3. SW	*	-23	-21	1.8
4. NE	*	22	24	1.8
5. ES mdblk	*	150	-19	1.8
6. WN mdblk	*	-150	22	1.8
7. WS mdblk	*	-150	-21	1.8
8. EN mdblk	*	150	24	1.8
9. SE mdblk	*	24	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-23	-150	1.8
12. NE mdblk	*	22	150	1.8
13. ES blk	*	600	-19	1.8
14. WN blk	*	-600	22	1.8
15. WS blk	*	-600	-21	1.8
16. EN blk	*	600	24	1.8
17. SE blk	*	24	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-23	-600	1.8
20. NE blk	*	22	600	1.8

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

JOB: OC Fair Cumulative Interim + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	350.	1.9	.0	.8	.0	.1	.0	.0	.0	.3
2. NW	170.	2.1	.1	.0	.0	.1	.8	.0	.1	.0
3. SW	10.	2.2	.0	.1	.0	.9	.1	.0	.2	.0
4. NE	261.	2.0	.0	.6	.0	.3	.0	.0	.0	.0
5. ES mdblk	277.	1.4	.0	.0	.0	.0	.0	.0	.0	.6
6. WN mdblk	99.	1.4	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	80.	1.3	.0	.0	.0	.0	.0	.0	.4	.0
8. EN mdblk	262.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	350.	1.6	.7	.0	.0	.2	.0	.0	.0	.0
10. NW mdblk	171.	1.7	.2	.0	.0	.9	.1	.0	.0	.0
11. SW mdblk	9.	1.8	.0	.2	.0	.1	1.0	.0	.0	.0
12. NE mdblk	189.	1.9	.0	1.0	.0	.0	.2	.0	.0	.0
13. ES blk	277.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	189.	1.9	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Interim + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
2. NW	.1	.0	.4	.0	.3	.0	.0	.1	.0	.0	.0	.0
3. SW	.1	.0	.2	.0	.0	.3	.1	.0	.0	.0	.0	.0
4. NE	.0	.0	.5	.0	.0	.0	.0	.0	.2	.0	.0	.1
5. ES mdblk	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.2	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.8
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.3
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.0
17. SE blk	.0	.0	.0	.0	.9	.0	.0	.3	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.3	1.1	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.3	.0	.0	1.1	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.2	.4	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Interim + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	11	-150	11	0	* AG	539	3.8	.0	10.0
B. Fairview NBD	*	11	0	11	150	* AG	1176	3.8	.0	10.0
C. Fairview NBL	*	5	-150	2	0	* AG	60	3.8	.0	10.0
D. Fairview SBA	*	-14	150	-14	0	* AG	567	3.8	.0	10.0
E. Fairview SBD	*	-14	0	-14	-150	* AG	561	3.8	.0	10.0
F. Fairview SBL	*	-9	150	0	0	* AG	504	3.8	.0	10.0
G. Fair EBA	*	-150	-9	0	-9	* AG	354	3.8	.0	10.0
H. Fair EBD	*	0	-9	150	-9	* AG	921	3.8	.0	10.0
I. Fair EBL	*	-150	-5	0	0	* AG	89	3.8	.0	10.0
J. Fair WBA	*	150	9	0	9	* AG	1059	3.8	.0	10.0
K. Fair WBD	*	0	9	-150	9	* AG	560	3.8	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	46	3.8	.0	10.0
M. Fairview NBA	*	11	-750	11	-150	* AG	599	3.8	.0	10.0
N. Fairview NBD	*	11	150	11	750	* AG	1176	3.8	.0	10.0
O. Fairview SBA	*	-14	750	-14	150	* AG	1071	3.8	.0	10.0
P. Fairview SBD	*	-14	-150	-14	-750	* AG	561	3.8	.0	10.0
Q. Fair EBAX	*	-750	-9	-150	-9	* AG	443	3.8	.0	10.0

R.	Fair EBDX	*	150	-9	750	-9	*	AG	921	3.8	.0	10.0
S.	Fair WBAX	*	750	9	150	9	*	AG	1105	3.8	.0	10.0
T.	Fair WBDX	*	-150	9	-750	9	*	AG	560	3.8	.0	10.0

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

JOB: OC Fair Cumulative Interim + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	21	-15	1.8
2. NW	*	-24	15	1.8
3. SW	*	-22	-17	1.8
4. NE	*	19	17	1.8
5. ES mdblk	*	150	-15	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	21	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-22	-150	1.8
12. NE mdblk	*	19	150	1.8
13. ES blk	*	600	-15	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	21	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-22	-600	1.8
20. NE blk	*	19	600	1.8

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

JOB: OC Fair Cumulative Interim + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	351.	1.1	.0	.4	.0	.0	.0	.0	.0	.2
2. NW	97.	1.1	.0	.1	.0	.1	.0	.0	.0	.0
3. SW	83.	.9	.0	.0	.0	.0	.1	.0	.0	.3
4. NE	262.	.8	.0	.3	.0	.0	.0	.0	.0	.0
5. ES mdblk	279.	.9	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	96.	.7	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.6	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	261.	.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	.6	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	165.	.6	.0	.1	.0	.2	.0	.1	.0	.0
11. SW mdblk	7.	.7	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	189.	.8	.0	.5	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.8	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	.8	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Interim + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	.0	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. NW	.0	.4	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
4. NE	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.2	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.4
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.0
17. SE blk	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.5	.2	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Interim + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	7	-150	7	0	* AG	1860	3.8	.0	10.0
B. Fairview NBD	*	7	0	7	150	* AG	1784	3.8	.0	10.0
C. Fairview NBL	*	2	-150	2	0	* AG	0	3.8	.0	10.0
D. Fairview SBA	*	-12	150	-12	0	* AG	1375	3.8	.0	10.0
E. Fairview SBD	*	-12	0	-12	-150	* AG	1919	3.8	.0	10.0
F. Fairview SBL	*	-9	150	0	0	* AG	559	3.8	.0	10.0
G. SRamp EBA	*	-150	-11	0	-11	* AG	544	3.8	.0	10.0
H. SRamp EBD	*	0	-11	150	-11	* AG	1192	3.8	.0	10.0
I. SRamp EBL	*	-150	-9	0	0	* AG	557	3.8	.0	10.0
J. SRamp WBA	*	150	0	0	0	* AG	0	3.8	.0	10.0
K. SRamp WBD	*	0	0	-150	0	* AG	0	3.8	.0	10.0
L. SRamp WBL	*	150	2	0	0	* AG	0	3.8	.0	10.0
M. Fairview NBA	*	7	-750	7	-150	* AG	1860	3.8	.0	10.0
N. Fairview NBD	*	7	150	7	750	* AG	1784	3.8	.0	10.0
O. Fairview SBA	*	-12	750	-12	150	* AG	1934	3.8	.0	10.0
P. Fairview SBD	*	-12	-150	-12	-750	* AG	1919	3.8	.0	10.0
Q. SRamp EBAX	*	-750	-11	-150	-11	* AG	1101	3.8	.0	10.0

R.	SRamp EBDX	*	150	-11	750	-11	*	AG	1192	3.8	.0	10.0
S.	SRamp WBAX	*	750	0	150	0	*	AG	0	3.8	.0	10.0
T.	SRamp WBDX	*	-150	0	-750	0	*	AG	0	3.8	.0	10.0

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

JOB: OC Fair Cumulative Interim + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-17	1.8
2. NW	*	-21	7	1.8
3. SW	*	-21	-17	1.8
4. NE	*	15	7	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	7	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	7	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-21	-150	1.8
12. NE mdblk	*	15	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	7	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	7	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-21	-600	1.8
20. NE blk	*	15	600	1.8

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

JOB: OC Fair Cumulative Interim + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	350.	1.4	.0	.5	.0	.1	.0	.1	.0	.3
2. NW	172.	1.4	.1	.0	.0	.0	.7	.0	.0	.0
3. SW	9.	1.3	.0	.1	.0	.5	.0	.1	.1	.0
4. NE	188.	1.3	.7	.0	.0	.0	.1	.0	.0	.2
5. ES mdblk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.6
6. WN mdblk	97.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	82.	.8	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.2
9. SE mdblk	352.	1.1	.5	.0	.0	.1	.0	.0	.0	.0
10. NW mdblk	171.	1.2	.1	.1	.0	.5	.0	.1	.0	.0
11. SW mdblk	8.	1.3	.1	.1	.0	.0	.7	.0	.0	.0
12. NE mdblk	188.	1.3	.0	.6	.0	.0	.1	.0	.0	.0
13. ES blk	276.	.8	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.2	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Interim + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. NW	*	.1	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
3. SW	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
17. SE blk	*	.0	.0	.0	.0	.6	.0	.0	.3	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.3	.8	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.3	.0	.0	.8	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.7	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Interim + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	9	-150	9	0	* AG	1529	3.8	.0	10.0
B. Fairview NBD	*	9	0	9	150	* AG	2114	3.8	.0	10.0
C. Fairview NBL	*	5	-150	2	0	* AG	399	3.8	.0	10.0
D. Fairview SBA	*	-9	150	-9	0	* AG	1919	3.8	.0	10.0
E. Fairview SBD	*	-9	0	-9	-150	* AG	1949	3.8	.0	10.0
F. Fairview SBL	*	-2	150	0	0	* AG	0	3.8	.0	10.0
G. NRamp EBA	*	-150	0	0	0	* AG	0	3.8	.0	10.0
H. NRamp EBD	*	0	0	150	0	* AG	0	3.8	.0	10.0
I. NRamp EBL	*	-150	-2	0	0	* AG	0	3.8	.0	10.0
J. NRamp WBA	*	150	11	0	11	* AG	585	3.8	.0	10.0
K. NRamp WBD	*	0	11	-150	11	* AG	946	3.8	.0	10.0
L. NRamp WBL	*	150	9	0	0	* AG	577	3.8	.0	10.0
M. Fairview NBA	*	9	-750	9	-150	* AG	1928	3.8	.0	10.0
N. Fairview NBD	*	9	150	9	750	* AG	2114	3.8	.0	10.0
O. Fairview SBA	*	-9	750	-9	150	* AG	1919	3.8	.0	10.0
P. Fairview SBD	*	-9	-150	-9	-750	* AG	1949	3.8	.0	10.0
Q. NRamp EBAX	*	-750	0	-150	0	* AG	0	3.8	.0	10.0

R. NRamp EBDX	*	150	0	750	0	*	AG	0	3.8	.0	10.0
S. NRamp WBAX	*	750	11	150	11	*	AG	1162	3.8	.0	10.0
T. NRamp WBDX	*	-150	11	-750	11	*	AG	946	3.8	.0	10.0

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

JOB: OC Fair Cumulative Interim + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-7	1.8
2. NW	*	-21	17	1.8
3. SW	*	-19	-7	1.8
4. NE	*	17	17	1.8
5. ES mdblk	*	150	-7	1.8
6. WN mdblk	*	-150	17	1.8
7. WS mdblk	*	-150	-7	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-19	-150	1.8
12. NE mdblk	*	17	150	1.8
13. ES blk	*	600	-7	1.8
14. WN blk	*	-600	17	1.8
15. WS blk	*	-600	-7	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-19	-600	1.8
20. NE blk	*	17	600	1.8

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

JOB: OC Fair Cumulative Interim + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	1.5	.0	.7	.0	.1	.0	.0	.0	.0
2. NW	171.	1.2	.1	.0	.0	.0	.5	.0	.0	.0
3. SW	9.	1.2	.0	.1	.0	.6	.0	.0	.0	.0
4. NE	189.	1.4	.5	.0	.1	.0	.2	.0	.0	.0
5. ES mdblk	277.	.6	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	96.	.8	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.5	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	261.	.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	1.3	.6	.0	.1	.1	.1	.0	.0	.0
10. NW mdblk	172.	1.1	.1	.0	.0	.5	.0	.0	.0	.0
11. SW mdblk	9.	1.2	.1	.2	.0	.0	.6	.0	.0	.0
12. NE mdblk	188.	1.3	.0	.7	.0	.1	.1	.0	.0	.0
13. ES blk	277.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.7	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.8	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Interim + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.2	.0	.2	.0	.0	.1	.0	.0	.0	.0
3. SW	*	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
4. NE	*	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0
17. SE blk	*	.0	.0	.0	.0	.8	.0	.0	.3	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.3	.6	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.3	.0	.0	.7	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.8	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Interim + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	*	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Van NBA	*	2	-150	2	0	*	AG	130	3.8	.0	10.0
B. Van NBD	*	2	0	2	150	*	AG	662	3.8	.0	10.0
C. Van NBL	*	2	-150	2	0	*	AG	88	3.8	.0	10.0
D. Van SBA	*	-5	150	-5	0	*	AG	67	3.8	.0	10.0
E. Van SBD	*	-5	0	-5	-150	*	AG	180	3.8	.0	10.0
F. Van SBL	*	-5	150	0	0	*	AG	84	3.8	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	*	AG	685	3.8	.0	10.0
H. Fair EBD	*	0	-7	150	-7	*	AG	764	3.8	.0	10.0
I. Fair EBL	*	-150	-5	0	0	*	AG	212	3.8	.0	10.0
J. Fair WBA	*	150	9	0	9	*	AG	1320	3.8	.0	10.0
K. Fair WBD	*	0	9	-150	9	*	AG	1049	3.8	.0	10.0
L. Fair WBL	*	150	5	0	0	*	AG	69	3.8	.0	10.0
M. Van NBA	*	2	-750	2	-150	*	AG	218	3.8	.0	10.0
N. Van NBD	*	2	150	2	750	*	AG	662	3.8	.0	10.0
O. Van SBA	*	-5	750	-5	150	*	AG	151	3.8	.0	10.0
P. Van SBD	*	-5	-150	-5	-750	*	AG	180	3.8	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	*	AG	897	3.8	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	764	3.8	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	1389	3.8	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	1049	3.8	.0	10.0

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

JOB: OC Fair Cumulative Interim + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	8	-14	1.8
2. NW	*	-12	15	1.8
3. SW	*	-12	-14	1.8
4. NE	*	8	17	1.8
5. ES mdblk	*	150	-14	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-14	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	8	-150	1.8
10. NW mdblk	*	-12	150	1.8
11. SW mdblk	*	-12	-150	1.8
12. NE mdblk	*	8	150	1.8
13. ES blk	*	600	-14	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-14	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	8	-600	1.8
18. NW blk	*	-12	600	1.8
19. SW blk	*	-12	-600	1.8
20. NE blk	*	8	600	1.8

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

JOB: OC Fair Cumulative Interim + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	277.	.9	.0	.0	.0	.0	.0	.0	.3	.0
2. NW	97.	1.1	.0	.1	.0	.0	.0	.0	.0	.0
3. SW	82.	.9	.0	.0	.0	.0	.0	.0	.0	.4
4. NE	262.	.9	.0	.2	.0	.0	.0	.0	.0	.0
5. ES mdblk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	97.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.9	.0	.0	.0	.0	.0	.0	.4	.0
8. EN mdblk	262.	.9	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	356.	.4	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	171.	.4	.0	.2	.0	.0	.0	.0	.0	.0
11. SW mdblk	5.	.4	.0	.0	.0	.0	.1	.0	.0	.0
12. NE mdblk	187.	.6	.0	.4	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.9	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.9	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	355.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Interim + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
2. NW	.0	.6	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
3. SW	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
4. NE	.0	.0	.4	.0	.0	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.3	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.6
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.6	.0
17. SE blk	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Interim + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	0	-150	0	0	* AG	0	4.7	.0	10.0
B. Newport NBD	*	0	0	0	150	* AG	0	4.7	.0	10.0
C. Newport NBL	*	2	-150	2	0	* AG	0	4.7	.0	10.0
D. Newport SBA	*	-9	150	-9	0	* AG	1860	4.7	.0	10.0
E. Newport SBD	*	-9	0	-9	-150	* AG	953	4.7	.0	10.0
F. Newport SBL	*	-5	150	0	0	* AG	634	4.7	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	* AG	916	4.7	.0	10.0
H. Fair EBD	*	0	-7	150	-7	* AG	1508	4.7	.0	10.0
I. Fair EBL	*	-150	-2	0	0	* AG	0	4.7	.0	10.0
J. Fair WBA	*	150	7	0	7	* AG	363	4.7	.0	10.0
K. Fair WBD	*	0	7	-150	7	* AG	1399	4.7	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	87	4.7	.0	10.0
M. Newport NBA	*	0	-750	0	-150	* AG	0	4.7	.0	10.0
N. Newport NBD	*	0	150	0	750	* AG	0	4.7	.0	10.0
O. Newport SBA	*	-9	750	-9	150	* AG	2494	4.7	.0	10.0
P. Newport SBD	*	-9	-150	-9	-750	* AG	953	4.7	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	* AG	916	4.7	.0	10.0

R.	Fair EBDX	*	150	-7	750	-7	*	AG	1508	4.7	.0	10.0
S.	Fair WBAX	*	750	7	150	7	*	AG	450	4.7	.0	10.0
T.	Fair WBDX	*	-150	7	-750	7	*	AG	1399	4.7	.0	10.0

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

JOB: OC Fair Cumulative Interim + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	7	-16	1.8
2. NW	*	-17	14	1.8
3. SW	*	-15	-17	1.8
4. NE	*	7	14	1.8
5. ES mdblk	*	150	-16	1.8
6. WN mdblk	*	-150	14	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	14	1.8
9. SE mdblk	*	7	-150	1.8
10. NW mdblk	*	-17	150	1.8
11. SW mdblk	*	-15	-150	1.8
12. NE mdblk	*	7	150	1.8
13. ES blk	*	600	-16	1.8
14. WN blk	*	-600	14	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	14	1.8
17. SE blk	*	7	-600	1.8
18. NW blk	*	-17	600	1.8
19. SW blk	*	-15	-600	1.8
20. NE blk	*	7	600	1.8

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

JOB: OC Fair Cumulative Interim + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	1.5	.0	.0	.0	.4	.0	.3	.0	.4
2. NW	100.	1.6	.0	.0	.0	.5	.0	.1	.0	.3
3. SW	6.	1.8	.0	.0	.0	.8	.1	.2	.2	.0
4. NE	263.	1.8	.0	.0	.0	.3	.0	.2	.1	.0
5. ES mdblk	278.	1.2	.0	.0	.0	.0	.0	.0	.0	.6
6. WN mdblk	97.	1.4	.0	.0	.0	.0	.0	.0	.1	.1
7. WS mdblk	82.	.9	.0	.0	.0	.0	.0	.0	.4	.0
8. EN mdblk	264.	.9	.0	.0	.0	.0	.0	.0	.1	.2
9. SE mdblk	354.	.7	.0	.0	.0	.2	.2	.0	.0	.0
10. NW mdblk	170.	1.3	.0	.0	.0	.9	.0	.2	.0	.0
11. SW mdblk	5.	1.1	.0	.0	.0	.1	.6	.0	.0	.0
12. NE mdblk	191.	1.0	.0	.0	.0	.5	.0	.3	.0	.0
13. ES blk	277.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.9	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	.9	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Interim + MP 6
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.	SE	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2.	NW	.0	.2	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0
3.	SW	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0
4.	NE	.0	.0	.8	.0	.0	.0	.0	.0	.2	.0	.0	.1
5.	ES mdblk	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6.	WN mdblk	.0	.0	.8	.0	.0	.0	.0	.0	.0	.1	.0	.0
7.	WS mdblk	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8.	EN mdblk	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
9.	SE mdblk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10.	NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11.	SW mdblk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
12.	NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13.	ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.1	.0
14.	WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	1.0
15.	WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.3
16.	EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0
17.	SE blk	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0
18.	NW blk	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0
19.	SW blk	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0
20.	NE blk	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Interim + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	4	-150	4	0	* AG	891	3.8	.0	10.0
B. Newport NBD	*	4	0	4	150	* AG	2179	3.8	.0	10.0
C. Newport NBL	*	2	-150	2	0	* AG	191	3.8	.0	10.0
D. Newport SBA	*	0	150	0	0	* AG	0	3.8	.0	10.0
E. Newport SBD	*	0	0	0	-150	* AG	0	3.8	.0	10.0
F. Newport SBL	*	-2	150	0	0	* AG	0	3.8	.0	10.0
G. Del EBA	*	-150	-11	0	-11	* AG	377	3.8	.0	10.0
H. Del EBD	*	0	-11	150	-11	* AG	477	3.8	.0	10.0
I. Del EBL	*	-150	-9	0	0	* AG	1075	3.8	.0	10.0
J. Del WBA	*	150	7	0	7	* AG	579	3.8	.0	10.0
K. Del WBD	*	0	7	-150	7	* AG	457	3.8	.0	10.0
L. Del WBL	*	150	2	0	0	* AG	0	3.8	.0	10.0
M. Newport NBA	*	4	-750	4	-150	* AG	1082	3.8	.0	10.0
N. Newport NBD	*	4	150	4	750	* AG	2179	3.8	.0	10.0
O. Newport SBA	*	0	750	0	150	* AG	0	3.8	.0	10.0
P. Newport SBD	*	0	-150	0	-750	* AG	0	3.8	.0	10.0
Q. Del EBAX	*	-750	-11	-150	-11	* AG	1452	3.8	.0	10.0

R. Del EBDX	*	150	-11	750	-11	*	AG	477	3.8	.0	10.0
S. Del WBAX	*	750	7	150	7	*	AG	579	3.8	.0	10.0
T. Del WBDX	*	-150	7	-750	7	*	AG	457	3.8	.0	10.0

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

JOB: OC Fair Cumulative Interim + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	11	-17	1.8
2. NW	*	-7	15	1.8
3. SW	*	-7	-17	1.8
4. NE	*	10	17	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	11	-150	1.8
10. NW mdblk	*	-7	150	1.8
11. SW mdblk	*	-7	-150	1.8
12. NE mdblk	*	10	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	11	-600	1.8
18. NW blk	*	-7	600	1.8
19. SW blk	*	-7	-600	1.8
20. NE blk	*	10	600	1.8

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

JOB: OC Fair Cumulative Interim + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	354.	1.1	.0	.7	.0	.0	.0	.0	.0	.1
2. NW	98.	.8	.0	.4	.0	.0	.0	.0	.0	.0
3. SW	7.	1.1	.0	.6	.0	.0	.0	.0	.0	.0
4. NE	260.	1.1	.0	.5	.0	.0	.0	.0	.0	.0
5. ES mdblk	276.	.7	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	99.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	79.	.9	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	264.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	.8	.4	.1	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.8	.0	.6	.0	.0	.0	.0	.0	.0
11. SW mdblk	6.	.7	.3	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	188.	1.2	.0	1.0	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.2	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Interim + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
2. NW	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.2	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NE	.2	.0	.2	.0	.0	.0	.0	.0	.2	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.2
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
17. SE blk	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0

ORANGE COUNTY FAIR

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

CUMULATIVE FAIR EVENT PLUS MASTER PLAN

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

JOB: OC Fair Cumulative Fair + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Harbor NBA	*	14	-150	14	0	* AG	2161	4.7	.0	10.0
B. Harbor NBD	*	14	0	14	150	* AG	2645	4.7	.0	10.0
C. Harbor NBL	*	9	-150	2	0	* AG	301	4.7	.0	10.0
D. Harbor SBA	*	-14	150	-14	0	* AG	2659	4.7	.0	10.0
E. Harbor SBD	*	-14	0	-14	-150	* AG	2523	4.7	.0	10.0
F. Harbor SBL	*	-9	150	0	0	* AG	132	4.7	.0	10.0
G. Adams EBA	*	-150	-12	0	-12	* AG	781	4.7	.0	10.0
H. Adams EBD	*	0	-12	150	-12	* AG	1014	4.7	.0	10.0
I. Adams EBL	*	-150	-9	0	0	* AG	608	4.7	.0	10.0
J. Adams WBA	*	150	14	0	14	* AG	605	4.7	.0	10.0
K. Adams WBD	*	0	14	-150	14	* AG	1349	4.7	.0	10.0
L. Adams WBL	*	150	9	0	0	* AG	284	4.7	.0	10.0
M. Harbor NBAX	*	14	-750	14	-150	* AG	2462	4.7	.0	10.0
N. Harbor NBDX	*	14	150	14	750	* AG	2645	4.7	.0	10.0
O. Harbor SBAX	*	-14	750	-14	150	* AG	2791	4.7	.0	10.0
P. Harbor SBDX	*	-14	-150	-14	-750	* AG	2523	4.7	.0	10.0
Q. Adams EBAX	*	-750	-12	-150	-12	* AG	1389	4.7	.0	10.0

R.	Adams EBDX	*	150	-12	750	-12	*	AG	1014	4.7	.0	10.0
S.	Adams WBAX	*	750	14	150	14	*	AG	889	4.7	.0	10.0
T.	Adams WBDX	*	-150	14	-750	14	*	AG	1349	4.7	.0	10.0

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

JOB: OC Fair Cumulative Fair + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	24	-19	1.8
2. NW	*	-24	22	1.8
3. SW	*	-23	-21	1.8
4. NE	*	22	24	1.8
5. ES mdblk	*	150	-19	1.8
6. WN mdblk	*	-150	22	1.8
7. WS mdblk	*	-150	-21	1.8
8. EN mdblk	*	150	24	1.8
9. SE mdblk	*	24	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-23	-150	1.8
12. NE mdblk	*	22	150	1.8
13. ES blk	*	600	-19	1.8
14. WN blk	*	-600	22	1.8
15. WS blk	*	-600	-21	1.8
16. EN blk	*	600	24	1.8
17. SE blk	*	24	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-23	-600	1.8
20. NE blk	*	22	600	1.8

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

JOB: OC Fair Cumulative Fair + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	350.	2.0	.0	.9	.0	.1	.0	.0	.0	.3
2. NW	170.	2.0	.1	.0	.0	.0	.8	.0	.1	.0
3. SW	10.	2.1	.0	.1	.0	.9	.1	.0	.2	.0
4. NE	190.	2.0	.7	.3	.0	.0	.1	.0	.0	.1
5. ES mdblk	277.	1.4	.0	.0	.0	.0	.0	.0	.0	.6
6. WN mdblk	99.	1.4	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	80.	1.2	.0	.0	.0	.0	.0	.0	.4	.0
8. EN mdblk	262.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	350.	1.7	.8	.0	.0	.2	.0	.0	.0	.0
10. NW mdblk	171.	1.7	.2	.0	.0	.9	.1	.0	.0	.0
11. SW mdblk	9.	1.8	.0	.2	.0	.0	1.0	.0	.0	.0
12. NE mdblk	189.	1.9	.0	1.1	.0	.0	.2	.0	.0	.0
13. ES blk	277.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	189.	1.9	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Fair + MP 1
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.4	.0	.3	.0	.0	.1	.0	.0	.0	.0
3. SW	*	.1	.0	.2	.0	.0	.3	.1	.0	.0	.0	.0	.0
4. NE	*	.0	.2	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	*	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.2	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.7
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.0
17. SE blk	*	.0	.0	.0	.0	1.0	.0	.0	.3	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.3	1.1	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.3	.0	.0	1.1	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	1.2	.4	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Fair + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	11	-150	11	0	* AG	498	3.2	.0	10.0
B. Fairview NBD	*	11	0	11	150	* AG	832	3.2	.0	10.0
C. Fairview NBL	*	5	-150	2	0	* AG	79	3.2	.0	10.0
D. Fairview SBA	*	-14	150	-14	0	* AG	505	3.2	.0	10.0
E. Fairview SBD	*	-14	0	-14	-150	* AG	482	3.2	.0	10.0
F. Fairview SBL	*	-9	150	0	0	* AG	659	3.2	.0	10.0
G. Fair EBA	*	-150	-9	0	-9	* AG	366	3.2	.0	10.0
H. Fair EBD	*	0	-9	150	-9	* AG	1059	3.2	.0	10.0
I. Fair EBL	*	-150	-5	0	0	* AG	81	3.2	.0	10.0
J. Fair WBA	*	150	9	0	9	* AG	579	3.2	.0	10.0
K. Fair WBD	*	0	9	-150	9	* AG	426	3.2	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	32	3.2	.0	10.0
M. Fairview NBA	*	11	-750	11	-150	* AG	577	3.2	.0	10.0
N. Fairview NBD	*	11	150	11	750	* AG	832	3.2	.0	10.0
O. Fairview SBA	*	-14	750	-14	150	* AG	1164	3.2	.0	10.0
P. Fairview SBD	*	-14	-150	-14	-750	* AG	482	3.2	.0	10.0
Q. Fair EBAX	*	-750	-9	-150	-9	* AG	447	3.2	.0	10.0

R. Fair EBDX	*	150	-9	750	-9	*	AG	1059	3.2	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	611	3.2	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	426	3.2	.0	10.0

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

JOB: OC Fair Cumulative Fair + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	21	-15	1.8
2. NW	*	-24	15	1.8
3. SW	*	-22	-17	1.8
4. NE	*	19	17	1.8
5. ES mdblk	*	150	-15	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	21	-150	1.8
10. NW mdblk	*	-24	150	1.8
11. SW mdblk	*	-22	-150	1.8
12. NE mdblk	*	19	150	1.8
13. ES blk	*	600	-15	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	21	-600	1.8
18. NW blk	*	-24	600	1.8
19. SW blk	*	-22	-600	1.8
20. NE blk	*	19	600	1.8

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

JOB: OC Fair Cumulative Fair + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	350.	.8	.0	.2	.0	.0	.0	.0	.0	.2
2. NW	97.	.8	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	83.	.7	.0	.0	.0	.0	.0	.0	.0	.3
4. NE	262.	.6	.0	.2	.0	.0	.0	.0	.0	.0
5. ES mdblk	279.	.7	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.5	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdblk	262.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	.5	.1	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	8.	.5	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	7.	.5	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	189.	.6	.0	.3	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Fair + MP 2
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. NW	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
3. SW	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0
17. SE blk	*	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Fair + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	7	-150	7	0	AG	1630	3.8	.0	10.0
B. Fairview NBD	7	0	7	150	AG	1719	3.8	.0	10.0
C. Fairview NBL	2	-150	2	0	AG	0	3.8	.0	10.0
D. Fairview SBA	-12	150	-12	0	AG	1505	3.8	.0	10.0
E. Fairview SBD	-12	0	-12	-150	AG	2133	3.8	.0	10.0
F. Fairview SBL	-9	150	0	0	AG	510	3.8	.0	10.0
G. SRamp EBA	-150	-11	0	-11	AG	628	3.8	.0	10.0
H. SRamp EBD	0	-11	150	-11	AG	981	3.8	.0	10.0
I. SRamp EBL	-150	-9	0	0	AG	560	3.8	.0	10.0
J. SRamp WBA	150	0	0	0	AG	0	3.8	.0	10.0
K. SRamp WBD	0	0	-150	0	AG	0	3.8	.0	10.0
L. SRamp WBL	150	2	0	0	AG	0	3.8	.0	10.0
M. Fairview NBA	7	-750	7	-150	AG	1630	3.8	.0	10.0
N. Fairview NBD	7	150	7	750	AG	1719	3.8	.0	10.0
O. Fairview SBA	-12	750	-12	150	AG	2015	3.8	.0	10.0
P. Fairview SBD	-12	-150	-12	-750	AG	2133	3.8	.0	10.0
Q. SRamp EBAX	-750	-11	-150	-11	AG	1188	3.8	.0	10.0

R.	SRamp EBDX	*	150	-11	750	-11	*	AG	981	3.8	.0	10.0
S.	SRamp WBAX	*	750	0	150	0	*	AG	0	3.8	.0	10.0
T.	SRamp WBDX	*	-150	0	-750	0	*	AG	0	3.8	.0	10.0

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

JOB: OC Fair Cumulative Fair + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-17	1.8
2. NW	*	-21	7	1.8
3. SW	*	-21	-17	1.8
4. NE	*	15	7	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	7	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	7	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-21	-150	1.8
12. NE mdblk	*	15	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	7	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	7	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-21	-600	1.8
20. NE blk	*	15	600	1.8

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

JOB: OC Fair Cumulative Fair + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	351.	1.3	.0	.5	.0	.1	.0	.0	.0	.2
2. NW	172.	1.4	.1	.0	.0	.0	.7	.0	.0	.0
3. SW	9.	1.4	.0	.1	.0	.5	.0	.1	.2	.0
4. NE	188.	1.2	.6	.0	.0	.0	.1	.0	.0	.1
5. ES mdblk	276.	.8	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	97.	.6	.0	.0	.0	.0	.0	.0	.1	.0
7. WS mdblk	82.	.8	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	264.	.5	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdblk	352.	1.1	.5	.0	.0	.1	.0	.0	.0	.0
10. NW mdblk	171.	1.2	.1	.1	.0	.6	.0	.1	.0	.0
11. SW mdblk	8.	1.3	.0	.1	.0	.0	.7	.0	.0	.0
12. NE mdblk	189.	1.2	.0	.6	.0	.1	.2	.0	.0	.0
13. ES blk	276.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.8	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.2	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Fair + MP 3
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. NW	*	.1	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
3. SW	*	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
17. SE blk	*	.0	.0	.0	.0	.6	.0	.0	.3	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.3	.8	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.3	.0	.0	.9	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.7	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Fair + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Fairview NBA	*	9	-150	9	0	* AG	1357	3.8	.0	10.0
B. Fairview NBD	*	9	0	9	150	* AG	1961	3.8	.0	10.0
C. Fairview NBL	*	5	-150	2	0	* AG	364	3.8	.0	10.0
D. Fairview SBA	*	-9	150	-9	0	* AG	2007	3.8	.0	10.0
E. Fairview SBD	*	-9	0	-9	-150	* AG	2010	3.8	.0	10.0
F. Fairview SBL	*	-2	150	0	0	* AG	0	3.8	.0	10.0
G. NRamp EBA	*	-150	0	0	0	* AG	0	3.8	.0	10.0
H. NRamp EBD	*	0	0	150	0	* AG	0	3.8	.0	10.0
I. NRamp EBL	*	-150	-2	0	0	* AG	0	3.8	.0	10.0
J. NRamp WBA	*	150	11	0	11	* AG	604	3.8	.0	10.0
K. NRamp WBD	*	0	11	-150	11	* AG	886	3.8	.0	10.0
L. NRamp WBL	*	150	9	0	0	* AG	525	3.8	.0	10.0
M. Fairview NBA	*	9	-750	9	-150	* AG	1721	3.8	.0	10.0
N. Fairview NBD	*	9	150	9	750	* AG	1961	3.8	.0	10.0
O. Fairview SBA	*	-9	750	-9	150	* AG	2007	3.8	.0	10.0
P. Fairview SBD	*	-9	-150	-9	-750	* AG	2010	3.8	.0	10.0
Q. NRamp EBAX	*	-750	0	-150	0	* AG	0	3.8	.0	10.0

R.	NRamp	EBDX	*	150	0	750	0	*	AG	0	3.8	.0	10.0
S.	NRamp	WBAX	*	750	11	150	11	*	AG	1129	3.8	.0	10.0
T.	NRamp	WBDX	*	-150	11	-750	11	*	AG	886	3.8	.0	10.0

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

JOB: OC Fair Cumulative Fair + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	17	-7	1.8
2. NW	*	-21	17	1.8
3. SW	*	-19	-7	1.8
4. NE	*	17	17	1.8
5. ES mdblk	*	150	-7	1.8
6. WN mdblk	*	-150	17	1.8
7. WS mdblk	*	-150	-7	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	17	-150	1.8
10. NW mdblk	*	-21	150	1.8
11. SW mdblk	*	-19	-150	1.8
12. NE mdblk	*	17	150	1.8
13. ES blk	*	600	-7	1.8
14. WN blk	*	-600	17	1.8
15. WS blk	*	-600	-7	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	17	-600	1.8
18. NW blk	*	-21	600	1.8
19. SW blk	*	-19	-600	1.8
20. NE blk	*	17	600	1.8

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

JOB: OC Fair Cumulative Fair + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	352.	1.4	.0	.7	.0	.1	.0	.0	.0	.0
2. NW	171.	1.2	.1	.0	.0	.0	.5	.0	.0	.0
3. SW	8.	1.2	.0	.1	.0	.6	.0	.0	.0	.0
4. NE	189.	1.4	.5	.0	.1	.0	.2	.0	.0	.0
5. ES mdblk	278.	.6	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	96.	.8	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.5	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	262.	.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	1.2	.5	.0	.1	.1	.1	.0	.0	.0
10. NW mdblk	172.	1.1	.1	.0	.0	.5	.0	.0	.0	.0
11. SW mdblk	8.	1.2	.0	.1	.0	.0	.6	.0	.0	.0
12. NE mdblk	188.	1.3	.0	.7	.0	.1	.1	.0	.0	.0
13. ES blk	277.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.7	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.8	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	188.	1.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Fair + MP 4
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.0	.0
2. NW	*	.0	.0	.2	.0	.2	.0	.0	.1	.0	.0	.0	.0
3. SW	*	.0	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
4. NE	*	.0	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	*	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0
17. SE blk	*	.0	.0	.0	.0	.7	.0	.0	.3	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.3	.6	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.3	.0	.0	.7	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.8	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Fair + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Van NBA	*	2	-150	2	0	* AG	32	3.2	.0	10.0
B. Van NBD	*	2	0	2	150	* AG	155	3.2	.0	10.0
C. Van NBL	*	2	-150	2	0	* AG	22	3.2	.0	10.0
D. Van SBA	*	-5	150	-5	0	* AG	93	3.2	.0	10.0
E. Van SBD	*	-5	0	-5	-150	* AG	594	3.2	.0	10.0
F. Van SBL	*	-5	150	0	0	* AG	65	3.2	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	* AG	636	3.2	.0	10.0
H. Fair EBD	*	0	-7	150	-7	* AG	570	3.2	.0	10.0
I. Fair EBL	*	-150	-5	0	0	* AG	76	3.2	.0	10.0
J. Fair WBA	*	150	9	0	9	* AG	633	3.2	.0	10.0
K. Fair WBD	*	0	9	-150	9	* AG	665	3.2	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	427	3.2	.0	10.0
M. Van NBA	*	2	-750	2	-150	* AG	54	3.2	.0	10.0
N. Van NBD	*	2	150	2	750	* AG	155	3.2	.0	10.0
O. Van SBA	*	-5	750	-5	150	* AG	158	3.2	.0	10.0
P. Van SBD	*	-5	-150	-5	-750	* AG	594	3.2	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	* AG	712	3.2	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	570	3.2	.0	10.0
S. Fair WBAX	*	750	9	150	9	*	AG	1060	3.2	.0	10.0
T. Fair WBDX	*	-150	9	-750	9	*	AG	665	3.2	.0	10.0

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

JOB: OC Fair Cumulative Fair + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	8	-14	1.8
2. NW	*	-12	15	1.8
3. SW	*	-12	-14	1.8
4. NE	*	8	17	1.8
5. ES mdblk	*	150	-14	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-14	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	8	-150	1.8
10. NW mdblk	*	-12	150	1.8
11. SW mdblk	*	-12	-150	1.8
12. NE mdblk	*	8	150	1.8
13. ES blk	*	600	-14	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-14	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	8	-600	1.8
18. NW blk	*	-12	600	1.8
19. SW blk	*	-12	-600	1.8
20. NE blk	*	8	600	1.8

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

JOB: OC Fair Cumulative Fair + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	277.	.6	.0	.0	.0	.0	.0	.0	.3	.0
2. NW	97.	.7	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	82.	.7	.0	.0	.0	.0	.1	.0	.0	.2
4. NE	262.	.5	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	277.	.6	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	97.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.6	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	262.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	.3	.0	.0	.0	.0	.1	.0	.0	.0
10. NW mdblk	175.	.3	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	7.	.4	.0	.0	.0	.0	.3	.0	.0	.0
12. NE mdblk	185.	.3	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	185.	.2	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Fair + MP 5
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
4. NE	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Fair + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	0	-150	0	0	* AG	0	3.2	.0	10.0
B. Newport NBD	*	0	0	0	150	* AG	0	3.2	.0	10.0
C. Newport NBL	*	2	-150	2	0	* AG	0	3.2	.0	10.0
D. Newport SBA	*	-9	150	-9	0	* AG	1137	3.2	.0	10.0
E. Newport SBD	*	-9	0	-9	-150	* AG	837	3.2	.0	10.0
F. Newport SBL	*	-5	150	0	0	* AG	277	3.2	.0	10.0
G. Fair EBA	*	-150	-7	0	-7	* AG	618	3.2	.0	10.0
H. Fair EBD	*	0	-7	150	-7	* AG	871	3.2	.0	10.0
I. Fair EBL	*	-150	-2	0	0	* AG	0	3.2	.0	10.0
J. Fair WBA	*	150	7	0	7	* AG	309	3.2	.0	10.0
K. Fair WBD	*	0	7	-150	7	* AG	761	3.2	.0	10.0
L. Fair WBL	*	150	5	0	0	* AG	128	3.2	.0	10.0
M. Newport NBA	*	0	-750	0	-150	* AG	0	3.2	.0	10.0
N. Newport NBD	*	0	150	0	750	* AG	0	3.2	.0	10.0
O. Newport SBA	*	-9	750	-9	150	* AG	1414	3.2	.0	10.0
P. Newport SBD	*	-9	-150	-9	-750	* AG	837	3.2	.0	10.0
Q. Fair EBAX	*	-750	-7	-150	-7	* AG	618	3.2	.0	10.0

R. Fair EBDX	*	150	-7	750	-7	*	AG	871	3.2	.0	10.0
S. Fair WBAX	*	750	7	150	7	*	AG	437	3.2	.0	10.0
T. Fair WBDX	*	-150	7	-750	7	*	AG	761	3.2	.0	10.0

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

JOB: OC Fair Cumulative Fair + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	7	-16	1.8
2. NW	*	-17	14	1.8
3. SW	*	-15	-17	1.8
4. NE	*	7	14	1.8
5. ES mdblk	*	150	-16	1.8
6. WN mdblk	*	-150	14	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	14	1.8
9. SE mdblk	*	7	-150	1.8
10. NW mdblk	*	-17	150	1.8
11. SW mdblk	*	-15	-150	1.8
12. NE mdblk	*	7	150	1.8
13. ES blk	*	600	-16	1.8
14. WN blk	*	-600	14	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	14	1.8
17. SE blk	*	7	-600	1.8
18. NW blk	*	-17	600	1.8
19. SW blk	*	-15	-600	1.8
20. NE blk	*	7	600	1.8

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

JOB: OC Fair Cumulative Fair + MP 6
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	353.	.6	.0	.0	.0	.2	.0	.1	.0	.2
2. NW	98.	.7	.0	.0	.0	.2	.0	.0	.0	.1
3. SW	6.	.8	.0	.0	.0	.4	.0	.0	.1	.0
4. NE	263.	.7	.0	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	278.	.5	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	97.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	82.	.5	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	264.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	.4	.0	.0	.0	.0	.1	.0	.0	.0
10. NW mdblk	171.	.6	.0	.0	.0	.4	.0	.0	.0	.0
11. SW mdblk	5.	.6	.0	.0	.0	.0	.3	.0	.0	.0
12. NE mdblk	189.	.4	.0	.0	.0	.2	.0	.0	.0	.0
13. ES blk	277.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.4	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: OC Fair Cumulative Fair + MP 6
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. SE	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. NW	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	*	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.4
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0
17. SE blk	*	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0

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

JOB: OC Fair Cumulative Fair + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	104. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	8.3 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Newport NBA	*	4	-150	4	0	* AG	910	3.2	.0	10.0
B. Newport NBD	*	4	0	4	150	* AG	1652	3.2	.0	10.0
C. Newport NBL	*	2	-150	2	0	* AG	166	3.2	.0	10.0
D. Newport SBA	*	0	150	0	0	* AG	0	3.2	.0	10.0
E. Newport SBD	*	0	0	0	-150	* AG	0	3.2	.0	10.0
F. Newport SBL	*	-2	150	0	0	* AG	0	3.2	.0	10.0
G. Del EBA	*	-150	-11	0	-11	* AG	323	3.2	.0	10.0
H. Del EBD	*	0	-11	150	-11	* AG	406	3.2	.0	10.0
I. Del EBL	*	-150	-9	0	0	* AG	562	3.2	.0	10.0
J. Del WBA	*	150	7	0	7	* AG	534	3.2	.0	10.0
K. Del WBD	*	0	7	-150	7	* AG	437	3.2	.0	10.0
L. Del WBL	*	150	2	0	0	* AG	0	3.2	.0	10.0
M. Newport NBA	*	4	-750	4	-150	* AG	1076	3.2	.0	10.0
N. Newport NBD	*	4	150	4	750	* AG	1652	3.2	.0	10.0
O. Newport SBA	*	0	750	0	150	* AG	0	3.2	.0	10.0
P. Newport SBD	*	0	-150	0	-750	* AG	0	3.2	.0	10.0
Q. Del EBAX	*	-750	-11	-150	-11	* AG	885	3.2	.0	10.0

R. Del EBDX	*	150	-11	750	-11	*	AG	406	3.2	.0	10.0
S. Del WBAX	*	750	7	150	7	*	AG	534	3.2	.0	10.0
T. Del WBDX	*	-150	7	-750	7	*	AG	437	3.2	.0	10.0

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

JOB: OC Fair Cumulative Fair + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	11	-17	1.8
2. NW	*	-7	15	1.8
3. SW	*	-7	-17	1.8
4. NE	*	10	17	1.8
5. ES mdblk	*	150	-17	1.8
6. WN mdblk	*	-150	15	1.8
7. WS mdblk	*	-150	-17	1.8
8. EN mdblk	*	150	17	1.8
9. SE mdblk	*	11	-150	1.8
10. NW mdblk	*	-7	150	1.8
11. SW mdblk	*	-7	-150	1.8
12. NE mdblk	*	10	150	1.8
13. ES blk	*	600	-17	1.8
14. WN blk	*	-600	15	1.8
15. WS blk	*	-600	-17	1.8
16. EN blk	*	600	17	1.8
17. SE blk	*	11	-600	1.8
18. NW blk	*	-7	600	1.8
19. SW blk	*	-7	-600	1.8
20. NE blk	*	10	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
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JOB: OC Fair Cumulative Fair + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	354.	.8	.0	.5	.0	.0	.0	.0	.0	.0
2. NW	97.	.6	.0	.3	.0	.0	.0	.0	.0	.0
3. SW	7.	.7	.0	.4	.0	.0	.0	.0	.0	.0
4. NE	188.	.8	.3	.2	.0	.0	.0	.0	.0	.0
5. ES mdblk	276.	.5	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	98.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	80.	.6	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	354.	.6	.3	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.6	.0	.4	.0	.0	.0	.0	.0	.0
11. SW mdblk	6.	.5	.2	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	188.	.8	.0	.7	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.8	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
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JOB: OC Fair Cumulative Fair + MP 7
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

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. SE	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
2. NW	*	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	*	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NE	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	*	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	*	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
14. WN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2
15. WS blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0
16. EN blk	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
17. SE blk	*	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0
18. NW blk	*	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0
19. SW blk	*	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0
20. NE blk	*	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0