APPENDIX C

CALINE4 CO HOT SPOTS MODEL PRINTOUTS

NEWPORT BEACH CITY HALL AND PARK DEVELOPMENT PLAN

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

EXISTING BASELINE CONDITIONS

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

JOB: Newport Beach City Hall
RUN: Existing-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Avocado NBA	7	-150	7	0	AG	253	6.7	.0	10.0
B. Avocado NBD	7	0	7	150	AG	329	4.6	.0	10.0
C. Avocado NBL	5	-150	0	0	AG	109	7.1	.0	10.0
D. Avocado SBA	-7	150	-7	0	AG	405	7.5	.0	10.0
E. Avocado SBD	-7	0	-7	-150	AG	319	4.6	.0	10.0
F. Avocado SBL	-5	150	0	0	AG	300	7.1	.0	10.0
G. Coast Hi EBA	-150	-11	0	-11	AG	2078	6.0	.0	17.0
H. Coast Hi EBD	0	-11	150	-11	AG	2471	4.4	.0	13.5
I. Coast Hi EBL	-150	-5	0	0	AG	120	7.1	.0	10.0
J. Coast Hi WBA	150	11	0	11	AG	1525	5.6	.0	17.0
K. Coast Hi WBD	0	11	-150	11	AG	1790	3.8	.0	13.5
L. Coast Hi WBL	150	5	0	0	AG	119	7.1	.0	10.0
M. Avocado NBAX	7	-750	7	-150	AG	362	3.5	.0	10.0
N. Avocado NBDX	7	150	7	750	AG	329	3.5	.0	10.0
O. Avocado SBAX	-7	750	-7	150	AG	705	3.5	.0	10.0
P. Avocado SBDX	-7	-150	-7	-750	AG	319	3.5	.0	10.0
Q. Coast H EBAX	-750	-11	-150	-11	AG	2198	3.5	.0	17.0
R. Coast H EBDX	150	-11	750	-11	AG	2471	3.5	.0	13.5
S. Coast H WBAX	750	11	150	11	AG	1644	3.5	.0	17.0
T. Coast H WBDX	-150	11	-750	11	AG	1790	3.5	.0	13.5

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Newport Beach City Hall
RUN: Existing-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: Existing-01 (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.	2.2	.1	.0	.0	.0	.0	.0	1.2	.2
2. NW	98.	2.0	.0	.0	.0	.2	.0	.1	.0	.2
3. SW	80.	1.9	.0	.0	.0	.0	.0	.0	.2	.9
4. NE	259.	1.7	.0	.0	.0	.1	.0	.0	.3	.0
5. ES mdblk	278.	2.0	.0	.0	.0	.0	.0	.0	.2	1.2
6. WN mdblk	99.	1.7	.0	.0	.0	.0	.0	.0	.2	.2
7. WS mdblk	81.	2.1	.0	.0	.0	.0	.0	.0	1.4	.1
8. EN mdblk	261.	1.8	.0	.0	.0	.0	.0	.0	.3	.1
9. SE mdblk	353.	.9	.3	.0	.0	.0	.0	.0	.1	.0
10. NW mdblk	172.	1.2	.0	.0	.0	.5	.0	.2	.0	.0
11. SW mdblk	6.	.8	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	189.	.9	.0	.2	.0	.1	.0	.1	.1	.0
13. ES blk	277.	1.6	.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.	1.5	.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	354.	.5	.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.	.5	.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: Newport Beach City Hall
RUN: Existing-01 (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	.9	.1	.0	.0	.0	.0	.0	.0	.3	.1	.0
3. SW	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
4. NE	.0	.2	.6	.0	.0	.0	.0	.0	.2	.0	.0	.0
5. ES mdblk	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	.0	.0	.8	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	1.0	.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	1.1	.3	.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	1.0	.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	.2	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.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	.2	.2	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: Existing-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Avocado NBA	7	-150	7	0	AG	498	7.5	.0	10.0
B. Avocado NBD	7	0	7	150	AG	83	4.0	.0	10.0
C. Avocado NBL	5	-150	0	0	AG	110	7.1	.0	10.0
D. Avocado SBA	-7	150	-7	0	AG	131	6.4	.0	10.0
E. Avocado SBD	-7	0	-7	-150	AG	439	6.0	.0	10.0
F. Avocado SBL	-5	150	0	0	AG	197	7.1	.0	10.0
G. San Migu EBA	-150	-7	0	-7	AG	777	5.3	.0	10.0
H. San Migu EBD	0	-7	150	-7	AG	1316	3.9	.0	10.0
I. San Migu EBL	-150	-5	0	0	AG	12	7.1	.0	10.0
J. San Migu WBA	150	7	0	7	AG	406	5.2	.0	10.0
K. San Migu WBD	0	7	-150	7	AG	503	3.7	.0	10.0
L. San Migu WBL	150	5	0	0	AG	210	7.5	.0	10.0
M. Avocado NBAX	7	-750	7	-150	AG	608	3.5	.0	10.0
N. Avocado NBDX	7	150	7	750	AG	83	3.5	.0	10.0
O. Avocado SBAX	-7	750	-7	150	AG	328	3.5	.0	10.0
P. Avocado SBDX	-7	-150	-7	-750	AG	439	3.5	.0	10.0
Q. San Mig EBAX	-750	-7	-150	-7	AG	789	3.5	.0	10.0
R. San Mig EBDX	150	-7	750	-7	AG	1316	3.5	.0	10.0
S. San Mig WBAX	750	7	150	7	AG	616	3.5	.0	10.0
T. San Mig WBDX	-150	7	-750	7	AG	503	3.5	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Newport Beach City Hall
RUN: Existing-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: Existing-02 (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.	1.2	.2	.0	.0	.0	.0	.0	.5	.1
2. NW	172.	1.0	.2	.0	.0	.0	.3	.0	.1	.0
3. SW	82.	1.4	.1	.0	.0	.0	.2	.0	.1	.6
4. NE	188.	1.2	.5	.0	.0	.0	.1	.0	.0	.2
5. ES mdblk	278.	1.1	.0	.0	.0	.0	.0	.0	.0	.7
6. WN mdblk	97.	.8	.0	.0	.0	.0	.0	.0	.1	.1
7. WS mdblk	84.	1.0	.0	.0	.0	.0	.0	.0	.5	.0
8. EN mdblk	260.	1.0	.0	.0	.0	.0	.0	.0	.0	.2
9. SE mdblk	351.	1.0	.6	.0	.1	.0	.1	.0	.0	.0
10. NW mdblk	174.	.7	.1	.0	.0	.1	.0	.1	.0	.0
11. SW mdblk	11.	.8	.2	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	185.	.5	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	276.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.6	.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.	.8	.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.	.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	185.	.3	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: Existing-02 (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	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.1	.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	.3	.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	.7	.1	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.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	.3	.4	.0
17. SE blk	.0	.0	.0	.0	.3	.0	.0	.1	.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	.1	.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: Newport Beach City Hall
RUN: Existing-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Jamboree NBA	7	-150	7	0	AG	361	6.4	.0	10.0
B. Jamboree NBD	7	0	7	150	AG	1228	7.3	.0	10.0
C. Jamboree NBL	5	-150	0	0	AG	37	7.0	.0	10.0
D. Jamboree SBA	-9	150	-9	0	AG	1913	7.6	.0	13.5
E. Jamboree SBD	-9	0	-9	-150	AG	658	4.4	.0	10.0
F. Jamboree SBL	-5	150	0	0	AG	180	7.0	.0	10.0
G. Coast Hi EBA	-150	-18	0	-18	AG	1693	5.4	.0	17.0
H. Coast Hi EBD	0	-18	150	-18	AG	1944	3.7	.0	15.3
I. Coast Hi EBL	-150	-12	0	0	AG	794	7.5	.0	10.0
J. Coast Hi WBA	150	16	0	16	AG	2160	5.6	.0	20.5
K. Coast Hi WBD	0	16	-150	16	AG	3510	4.4	.0	17.0
L. Coast Hi WBL	150	9	0	0	AG	202	7.1	.0	10.0
M. Jambore NBAX	7	-750	7	-150	AG	398	3.3	.0	10.0
N. Jambore NBDX	7	150	7	750	AG	1228	3.3	.0	10.0
O. Jambore SBAX	-9	750	-9	150	AG	2093	3.3	.0	13.5
P. Jambore SBDX	-9	-150	-9	-750	AG	658	3.3	.0	10.0
Q. Coast H EBAX	-750	-18	-150	-18	AG	2487	3.5	.0	17.0
R. Coast H EBDX	150	-18	750	-18	AG	1944	3.5	.0	15.3
S. Coast H WBAX	750	16	150	16	AG	2362	3.5	.0	20.5
T. Coast H WBDX	-150	16	-750	16	AG	3510	3.5	.0	17.0

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

JOB: Newport Beach City Hall
RUN: Existing-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-27	1.8
2. NW	-17	26	1.8
3. SW	-15	-28	1.8
4. NE	14	28	1.8
5. ES mdblk	150	-27	1.8
6. WN mdblk	-150	26	1.8
7. WS mdblk	-150	-28	1.8
8. EN mdblk	150	28	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	14	150	1.8
13. ES blk	600	-27	1.8
14. WN blk	-600	26	1.8
15. WS blk	-600	-28	1.8
16. EN blk	600	28	1.8
17. SE blk	14	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-15	-600	1.8
20. NE blk	14	600	1.8

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

JOB: Newport Beach City Hall
RUN: Existing-03 (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	.1	.7	.0	.5	.0	.1	.0	.4
2. NW	99.	3.1	.0	.3	.0	.9	.0	.0	.0	.0
3. SW	7.	3.0	.0	.3	.0	1.1	.2	.0	.5	.0
4. NE	256.	3.1	.0	.6	.0	.5	.0	.0	.1	.0
5. ES mdblk	280.	1.9	.0	.0	.0	.0	.0	.0	.0	.8
6. WN mdblk	99.	2.5	.0	.0	.0	.1	.0	.0	.0	.1
7. WS mdblk	75.	2.2	.0	.1	.0	.1	.0	.0	1.0	.0
8. EN mdblk	262.	2.2	.0	.0	.0	.1	.0	.0	.2	.0
9. SE mdblk	354.	1.4	.3	.2	.0	.3	.0	.0	.0	.0
10. NW mdblk	169.	2.6	.0	.3	.0	1.8	.0	.1	.0	.0
11. SW mdblk	5.	1.5	.0	.2	.0	.3	.4	.0	.0	.0
12. NE mdblk	193.	2.4	.0	1.2	.0	.6	.0	.0	.1	.0
13. ES blk	278.	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.	1.8	.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.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.8	.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: Newport Beach City Hall
RUN: Existing-03 (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	.0	.2	.0	.0	.0	.0	.0
2. NW	.0	1.0	.4	.0	.0	.0	.0	.0	.0	.2	.1	.0
3. SW	.2	.0	.3	.0	.0	.1	.1	.0	.0	.0	.0	.0
4. NE	.2	.2	1.2	.0	.0	.0	.0	.0	.2	.0	.0	.0
5. ES mdblk	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	.1	.1	1.6	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.1	1.2	.2	.0	.0	.0	.0	.0	.2	.0	.0	.1
9. SE mdblk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	.0	.1	.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	.2	.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	1.4
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.3
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.0	.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	.9	.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	.6	.4	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: Existing-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Jamboree NBA	11	-150	11	0	AG	1750	5.5	.0	17.0
B. Jamboree NBD	11	0	11	150	AG	1822	3.6	.0	13.5
C. Jamboree NBL	5	-150	0	0	AG	52	7.0	.0	10.0
D. Jamboree SBA	-14	150	-14	0	AG	1617	5.5	.0	17.0
E. Jamboree SBD	-14	0	-14	-150	AG	1693	3.5	.0	13.5
F. Jamboree SBL	-9	150	0	0	AG	432	7.5	.0	10.0
G. San Joaq EBA	-150	-9	0	-9	AG	80	6.4	.0	11.8
H. San Joaq EBD	0	-9	150	-9	AG	602	4.6	.0	10.0
I. San Joaq EBL	-150	-5	0	0	AG	161	7.1	.0	10.0
J. San Joaq WBA	150	9	0	9	AG	76	6.4	.0	11.8
K. San Joaq WBD	0	9	-150	9	AG	215	4.0	.0	10.0
L. San Joaq WBL	150	5	0	0	AG	164	7.1	.0	10.0
M. Jambore NBAX	11	-750	11	-150	AG	1802	3.3	.0	17.0
N. Jambore NBDX	11	150	11	750	AG	1822	3.3	.0	13.5
O. Jambore SBAX	-14	750	-14	150	AG	2049	3.3	.0	17.0
P. Jambore SBDX	-14	-150	-14	-750	AG	1693	3.3	.0	13.5
Q. San Joa EBAX	-750	-9	-150	-9	AG	241	3.5	.0	11.8
R. San Joa EBDX	150	-9	750	-9	AG	602	3.5	.0	10.0
S. San Joa WBAX	750	9	150	9	AG	240	3.5	.0	11.8
T. San Joa WBDX	-150	9	-750	9	AG	215	3.5	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Newport Beach City Hall
RUN: Existing-04 (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	-16	1.8
4. NE	19	16	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-16	1.8
8. EN mdblk	150	16	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	-16	1.8
16. EN blk	600	16	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: Newport Beach City Hall
RUN: Existing-04 (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	346.	1.6	.3	.5	.0	.3	.0	.2	.0	.2
2. NW	10.	1.5	.0	.0	.0	1.0	.0	.2	.0	.0
3. SW	8.	1.7	.0	.0	.0	.8	.2	.2	.0	.0
4. NE	188.	1.7	.9	.2	.0	.0	.0	.0	.0	.0
5. ES mdblk	278.	.8	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	96.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.6	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	261.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	1.7	1.0	.0	.0	.2	.0	.0	.0	.0
10. NW mdblk	170.	1.7	.2	.0	.0	1.0	.0	.2	.0	.0
11. SW mdblk	8.	1.4	.1	.1	.0	.1	.7	.0	.0	.0
12. NE mdblk	189.	1.5	.1	.8	.0	.1	.1	.1	.0	.0
13. ES blk	276.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	95.	.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	264.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	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: Newport Beach City Hall
RUN: Existing-04 (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	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.2	.1	.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	.0	.0	.1	.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	.0	.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	.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	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
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	.1	.2	.0
17. SE blk	.0	.0	.0	.0	.8	.0	.0	.2	.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	.8	.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: Newport Beach City Hall
RUN: Existing-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	0	-150	0	0	AG	0	3.3	.0	10.0
B. Macarthu NBD	0	0	0	150	AG	1414	7.6	.0	10.0
C. Macarthu NBL	2	-150	0	0	AG	0	3.3	.0	10.0
D. Macarthu SBA	-9	150	-9	0	AG	1023	7.6	.0	10.0
E. Macarthu SBD	-9	0	-9	-150	AG	0	3.3	.0	10.0
F. Macarthu SBL	-9	150	0	0	AG	846	7.6	.0	10.0
G. Coast Hi EBA	-150	-12	0	-12	AG	1376	5.4	.0	13.5
H. Coast Hi EBD	0	-12	150	-12	AG	2222	4.1	.0	13.5
I. Coast Hi EBL	-150	-9	0	0	AG	525	7.5	.0	10.0
J. Coast Hi WBA	150	7	0	7	AG	1968	6.0	.0	17.0
K. Coast Hi WBD	0	7	-150	7	AG	2102	4.1	.0	13.5
L. Coast Hi WBL	150	2	0	0	AG	0	3.5	.0	10.0
M. Macarth NBAX	0	-750	0	-150	AG	0	3.3	.0	10.0
N. Macarth NBDX	0	150	0	750	AG	1414	3.3	.0	10.0
O. Macarth SBAX	-9	750	-9	150	AG	1869	3.3	.0	10.0
P. Macarth SBDX	-9	-150	-9	-750	AG	0	3.3	.0	10.0
Q. Coast H EBAX	-750	-12	-150	-12	AG	1901	3.5	.0	13.5
R. Coast H EBDX	150	-12	750	-12	AG	2222	3.5	.0	13.5
S. Coast H WBAX	750	7	150	7	AG	1968	3.5	.0	17.0
T. Coast H WBDX	-150	7	-750	7	AG	2102	3.5	.0	13.5

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

JOB: Newport Beach City Hall
RUN: Existing-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	7	-21	1.8
2. NW	-15	15	1.8
3. SW	-15	-21	1.8
4. NE	7	17	1.8
5. ES mdblk	150	-21	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-21	1.8
8. EN mdblk	150	17	1.8
9. SE mdblk	7	-150	1.8
10. NW mdblk	-15	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	7	150	1.8
13. ES blk	600	-21	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-21	1.8
16. EN blk	600	17	1.8
17. SE blk	7	-600	1.8
18. NW blk	-15	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: Newport Beach City Hall
RUN: Existing-05 (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.	3.2	.0	1.0	.0	.4	.0	.7	.0	.6
2. NW	98.	3.1	.0	.4	.0	.5	.0	.3	.0	.2
3. SW	8.	2.8	.0	.6	.0	.8	.0	.4	.5	.0
4. NE	257.	2.9	.0	.7	.0	.3	.0	.4	.2	.0
5. ES mdblk	280.	2.0	.0	.0	.0	.0	.0	.0	.0	1.1
6. WN mdblk	97.	1.9	.0	.0	.0	.0	.0	.0	.1	.2
7. WS mdblk	79.	2.1	.0	.1	.0	.0	.0	.0	.9	.0
8. EN mdblk	263.	2.1	.0	.0	.0	.0	.0	.0	.2	.0
9. SE mdblk	358.	1.0	.0	.2	.0	.2	.0	.2	.0	.0
10. NW mdblk	167.	2.9	.0	.7	.0	1.1	.0	.9	.0	.1
11. SW mdblk	3.	1.0	.0	.2	.0	.2	.0	.2	.0	.0
12. NE mdblk	192.	2.7	.0	1.4	.0	.5	.0	.4	.0	.0
13. ES blk	278.	1.7	.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	82.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	359.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	1.	.3	.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: Newport Beach City Hall
RUN: Existing-05 (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	.0	.2	.0	.0	.0	.0	.0
2. NW	.0	1.1	.2	.0	.0	.0	.0	.0	.0	.2	.1	.0
3. SW	.1	.0	.3	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NE	.2	.0	.8	.0	.0	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.1	.2	1.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.1	1.2	.1	.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	.1	.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	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.3	.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	.3
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.9	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.7	.4	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: Existing-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	16	-150	16	0	AG	2863	6.4	.0	20.5
B. Macarthu NBD	16	0	16	150	AG	2902	3.8	.0	17.0
C. Macarthu NBL	9	-150	0	0	AG	61	7.0	.0	10.0
D. Macarthu SBA	-16	150	-16	0	AG	2424	5.9	.0	20.5
E. Macarthu SBD	-16	0	-16	-150	AG	2668	3.6	.0	17.0
F. Macarthu SBL	-9	150	0	0	AG	774	7.6	.0	10.0
G. Ford/Bon EBA	-150	-12	0	-12	AG	360	6.4	.0	13.5
H. Ford/Bon EBD	0	-12	150	-12	AG	1541	7.6	.0	10.0
I. Ford/Bon EBL	-150	-9	0	0	AG	27	7.1	.0	10.0
J. Ford/Bon WBA	150	12	0	12	AG	760	7.2	.0	13.5
K. Ford/Bon WBD	0	12	-150	12	AG	390	4.0	.0	10.0
L. Ford/Bon WBL	150	9	0	0	AG	232	7.1	.0	10.0
M. Macarth NBAX	16	-750	16	-150	AG	2924	3.3	.0	20.5
N. Macarth NBDX	16	150	16	750	AG	2902	3.3	.0	17.0
O. Macarth SBAX	-16	750	-16	150	AG	3198	3.3	.0	20.5
P. Macarth SBDX	-16	-150	-16	-750	AG	2668	3.3	.0	17.0
Q. Ford/Bo EBAX	-750	-12	-150	-12	AG	387	3.5	.0	13.5
R. Ford/Bo EBDX	150	-12	750	-12	AG	1541	3.5	.0	10.0
S. Ford/Bo WBAX	750	12	150	12	AG	992	3.5	.0	13.5
T. Ford/Bo WBDX	-150	12	-750	12	AG	390	3.5	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Newport Beach City Hall
RUN: Existing-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	28	-19	1.8
2. NW	-28	19	1.8
3. SW	-26	-21	1.8
4. NE	26	21	1.8
5. ES mdblk	150	-19	1.8
6. WN mdblk	-150	19	1.8
7. WS mdblk	-150	-21	1.8
8. EN mdblk	150	21	1.8
9. SE mdblk	28	-150	1.8
10. NW mdblk	-28	150	1.8
11. SW mdblk	-26	-150	1.8
12. NE mdblk	26	150	1.8
13. ES blk	600	-19	1.8
14. WN blk	-600	19	1.8
15. WS blk	-600	-21	1.8
16. EN blk	600	21	1.8
17. SE blk	28	-600	1.8
18. NW blk	-28	600	1.8
19. SW blk	-26	-600	1.8
20. NE blk	26	600	1.8

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

JOB: Newport Beach City Hall
RUN: Existing-06 (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	342.	3.0	.6	.7	.0	.4	.0	.3	.0	.8
2. NW	99.	2.3	.0	.2	.0	.8	.0	.2	.0	.2
3. SW	82.	2.4	.4	.0	.0	.0	.5	.0	.1	.9
4. NE	188.	2.9	1.4	.3	.0	.0	.0	.0	.0	.3
5. ES mdblk	282.	2.3	.0	.1	.0	.2	.0	.0	.0	1.5
6. WN mdblk	96.	1.2	.1	.0	.0	.1	.0	.0	.0	.2
7. WS mdblk	84.	1.2	.1	.0	.0	.0	.0	.0	.3	.2
8. EN mdblk	255.	1.6	.2	.0	.0	.0	.1	.0	.0	.3
9. SE mdblk	351.	2.8	1.8	.1	.0	.3	.0	.1	.0	.1
10. NW mdblk	168.	2.6	.4	.0	.0	1.4	.0	.3	.0	.0
11. SW mdblk	9.	2.0	.0	.2	.0	.2	1.0	.1	.0	.0
12. NE mdblk	188.	2.1	.2	1.1	.0	.0	.2	.1	.0	.0
13. ES blk	277.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	95.	.7	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.0	.1	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.8	.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	187.	1.8	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: Existing-06 (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	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.4	.1	.1	.0	.0	.0	.0	.0	.2	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
4. NE	.0	.3	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.1	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.7	.0	.2	.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	.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	.8	.2	.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	.5	.0
17. SE blk	.0	.0	.0	.0	1.1	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.3	1.2	.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	1.1	.3	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: Existing-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 61. (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= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	14	-150	14	0	AG	1943	5.9	.0	17.0
B. Macarthu NBD	14	0	14	150	AG	2993	5.0	.0	13.5
C. Macarthu NBL	9	-150	0	0	AG	111	7.0	.0	10.0
D. Macarthu SBA	-14	150	-14	0	AG	2168	6.4	.0	17.0
E. Macarthu SBD	-14	0	-14	-150	AG	2130	3.8	.0	13.5
F. Macarthu SBL	-9	150	0	0	AG	498	7.5	.0	10.0
G. San Joaq EBA	-150	-12	0	-12	AG	511	6.4	.0	13.5
H. San Joaq EBD	0	-12	150	-12	AG	872	4.2	.0	11.8
I. San Joaq EBL	-150	-9	0	0	AG	551	7.5	.0	10.0
J. San Joaq WBA	150	9	0	9	AG	831	7.5	.0	13.5
K. San Joaq WBD	0	9	-150	9	AG	665	4.6	.0	10.0
L. San Joaq WBL	150	5	0	0	AG	47	7.1	.0	10.0
M. Macarth NBAX	14	-750	14	-150	AG	2054	3.3	.0	17.0
N. Macarth NBDX	14	150	14	750	AG	2993	3.3	.0	13.5
O. Macarth SBAX	-14	750	-14	150	AG	2666	3.3	.0	17.0
P. Macarth SBDX	-14	-150	-14	-750	AG	2130	3.3	.0	13.5
Q. San Joa EBAX	-750	-12	-150	-12	AG	1062	3.5	.0	13.5
R. San Joa EBDX	150	-12	750	-12	AG	872	3.5	.0	11.8
S. San Joa WBAX	750	9	150	9	AG	878	3.5	.0	13.5
T. San Joa WBDX	-150	9	-750	9	AG	665	3.5	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Newport Beach City Hall
RUN: Existing-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: Existing-07 (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	347.	2.6	.4	1.0	.0	.3	.0	.2	.0	.2
2. NW	97.	2.3	.0	.3	.0	.8	.0	.1	.0	.0
3. SW	9.	2.6	.0	.2	.0	1.1	.3	.2	.2	.0
4. NE	189.	2.5	1.0	.5	.0	.0	.0	.0	.0	.1
5. ES mdblk	279.	1.3	.0	.0	.0	.1	.0	.0	.0	.5
6. WN mdblk	97.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	79.	1.4	.0	.1	.0	.1	.0	.0	.4	.0
8. EN mdblk	262.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	351.	2.2	1.3	.1	.0	.3	.0	.0	.0	.0
10. NW mdblk	169.	2.5	.3	.1	.0	1.5	.0	.2	.0	.0
11. SW mdblk	8.	1.9	.0	.3	.0	.2	.9	.0	.0	.0
12. NE mdblk	190.	2.5	.0	1.7	.0	.2	.2	.1	.0	.0
13. ES blk	277.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.9	.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	264.	.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	1.5	.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: Newport Beach City Hall
RUN: Existing-07 (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	.0	.2	.0	.0	.0	.0	.0
2. NW	.0	.6	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
3. SW	.2	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0
4. NE	.0	.4	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.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	.5	.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	.5	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.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	1.1	.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	1.2	.3	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: Existing-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	14	-150	14	0	AG	1298	5.3	.0	17.0
B. Macarthu NBD	14	0	14	150	AG	1958	3.6	.0	13.5
C. Macarthu NBL	9	-150	0	0	AG	98	7.0	.0	10.0
D. Macarthu SBA	-14	150	-14	0	AG	2038	5.9	.0	17.0
E. Macarthu SBD	-14	0	-14	-150	AG	1901	3.6	.0	13.5
F. Macarthu SBL	-9	150	0	0	AG	9	7.0	.0	10.0
G. San Migu EBA	-150	-11	0	-11	AG	626	7.2	.0	10.0
H. San Migu EBD	0	-11	150	-11	AG	759	4.6	.0	10.0
I. San Migu EBL	-150	-9	0	0	AG	909	7.6	.0	10.0
J. San Migu WBA	150	12	0	12	AG	261	6.4	.0	13.5
K. San Migu WBD	0	12	-150	12	AG	838	6.0	.0	10.0
L. San Migu WBL	150	9	0	0	AG	217	7.1	.0	10.0
M. Macarth NBAX	14	-750	14	-150	AG	1396	3.3	.0	17.0
N. Macarth NBDX	14	150	14	750	AG	1958	3.3	.0	13.5
O. Macarth SBAX	-14	750	-14	150	AG	2047	3.3	.0	17.0
P. Macarth SBDX	-14	-150	-14	-750	AG	1901	3.3	.0	13.5
Q. San Mig EBAX	-750	-11	-150	-11	AG	1535	3.5	.0	10.0
R. San Mig EBDX	150	-11	750	-11	AG	759	3.5	.0	10.0
S. San Mig WBAX	750	12	150	12	AG	478	3.5	.0	13.5
T. San Mig WBDX	-150	12	-750	12	AG	838	3.5	.0	10.0

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

JOB: Newport Beach City Hall
RUN: Existing-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: Existing-08 (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	279.	1.9	.4	.0	.0	.0	.2	.0	.4	.2
2. NW	167.	2.0	.2	.0	.0	.4	.5	.0	.1	.0
3. SW	7.	2.4	.0	.0	.0	1.1	.2	.0	.3	.0
4. NE	258.	1.9	.0	.4	.0	.3	.0	.0	.1	.0
5. ES mdblk	276.	1.3	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	101.	1.5	.0	.0	.0	.0	.0	.0	.1	.0
7. WS mdblk	77.	1.9	.0	.0	.0	.1	.0	.0	.6	.0
8. EN mdblk	263.	1.1	.0	.0	.0	.0	.0	.0	.1	.0
9. SE mdblk	350.	1.6	.8	.0	.0	.3	.0	.0	.0	.0
10. NW mdblk	171.	1.9	.2	.0	.0	1.3	.0	.0	.0	.0
11. SW mdblk	7.	1.5	.0	.1	.0	.2	.8	.0	.0	.0
12. NE mdblk	190.	1.5	.0	.8	.0	.1	.2	.0	.0	.0
13. ES blk	276.	.8	.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.	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	352.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	1.3	.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: Newport Beach City Hall
RUN: Existing-08 (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	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
2. NW	.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0
3. SW	.3	.0	.2	.0	.0	.2	.2	.0	.0	.0	.0	.0
4. NE	.3	.0	.4	.0	.0	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.2	.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	.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	.4	.0	.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	.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	.2	.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	.8	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.9	.2	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: Existing-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Margueri NBA	5	-150	5	0	AG	147	6.4	.0	10.0
B. Margueri NBD	5	0	5	150	AG	157	4.0	.0	10.0
C. Margueri NBL	5	-150	0	0	AG	94	7.1	.0	10.0
D. Margueri SBA	-5	150	-5	0	AG	162	6.4	.0	10.0
E. Margueri SBD	-5	0	-5	-150	AG	204	4.2	.0	10.0
F. Margueri SBL	-5	150	0	0	AG	92	7.1	.0	10.0
G. Coast Hi EBA	-150	-9	0	-9	AG	1795	7.1	.0	13.5
H. Coast Hi EBD	0	-9	150	-9	AG	1906	5.2	.0	10.0
I. Coast Hi EBL	-150	-5	0	0	AG	55	7.1	.0	10.0
J. Coast Hi WBA	150	7	0	7	AG	1438	6.5	.0	10.0
K. Coast Hi WBD	0	7	-150	7	AG	1579	4.1	.0	10.0
L. Coast Hi WBL	150	5	0	0	AG	63	7.1	.0	10.0
M. Marguer NBAX	5	-750	5	-150	AG	241	3.5	.0	10.0
N. Marguer NBDX	5	150	5	750	AG	157	3.5	.0	10.0
O. Marguer SBAX	-5	750	-5	150	AG	254	3.5	.0	10.0
P. Marguer SBDX	-5	-150	-5	-750	AG	204	3.5	.0	10.0
Q. Coast H EBAX	-750	-9	-150	-9	AG	1850	3.5	.0	13.5
R. Coast H EBDX	150	-9	750	-9	AG	1906	3.5	.0	10.0
S. Coast H WBAX	750	7	150	7	AG	1501	3.5	.0	10.0
T. Coast H WBDX	-150	7	-750	7	AG	1579	3.5	.0	10.0

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

JOB: Newport Beach City Hall
RUN: Existing-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	12	-15	1.8
2. NW	-12	14	1.8
3. SW	-12	-17	1.8
4. NE	12	14	1.8
5. ES mdblk	150	-15	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	12	-150	1.8
10. NW mdblk	-12	150	1.8
11. SW mdblk	-12	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-15	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	12	-600	1.8
18. NW blk	-12	600	1.8
19. SW blk	-12	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Newport Beach City Hall
RUN: Existing-09 (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.	2.3	.0	.0	.0	.0	.0	.0	1.4	.2
2. NW	99.	1.9	.0	.0	.0	.0	.0	.0	.0	.3
3. SW	279.	2.0	.0	.0	.0	.0	.0	.0	1.5	.0
4. NE	258.	1.8	.0	.0	.0	.0	.0	.0	.6	.0
5. ES mdblk	278.	2.0	.0	.0	.0	.0	.0	.0	.1	1.2
6. WN mdblk	99.	1.7	.0	.0	.0	.0	.0	.0	.4	.2
7. WS mdblk	82.	2.2	.0	.0	.0	.0	.0	.0	1.5	.1
8. EN mdblk	262.	2.1	.0	.0	.0	.0	.0	.0	.3	.2
9. SE mdblk	353.	.7	.2	.0	.1	.0	.0	.0	.1	.0
10. NW mdblk	173.	.7	.0	.0	.0	.2	.0	.1	.0	.0
11. SW mdblk	6.	.6	.0	.0	.0	.0	.1	.0	.0	.0
12. NE mdblk	187.	.6	.0	.1	.0	.0	.0	.0	.1	.0
13. ES blk	277.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.3	.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.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	355.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.4	.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: Newport Beach City Hall
RUN: Existing-09 (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	1.0	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0
3. SW	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.2
4. NE	.0	.3	.7	.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	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	1.2	.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	.9	.3	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.8
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.3
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.8	.0
17. SE blk	.0	.0	.0	.0	.2	.0	.0	.0	.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	.1	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

NEWPORT BEACH CITY HALL AND PARK DEVELOPMENT PLAN

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

EXISTING PLUS PROJECT CONDITIONS

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

JOB: Newport Beach City Hall
RUN: ExistwP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Avocado NBA	7	-150	7	0	AG	253	6.7	.0	10.0
B. Avocado NBD	7	0	7	150	AG	372	4.6	.0	10.0
C. Avocado NBL	5	-150	0	0	AG	109	7.1	.0	10.0
D. Avocado SBA	-7	150	-7	0	AG	461	7.5	.0	10.0
E. Avocado SBD	-7	0	-7	-150	AG	319	4.6	.0	10.0
F. Avocado SBL	-5	150	0	0	AG	322	7.1	.0	10.0
G. Coast Hi EBA	-150	-11	0	-11	AG	2078	6.0	.0	17.0
H. Coast Hi EBD	0	-11	150	-11	AG	2493	4.4	.0	13.5
I. Coast Hi EBL	-150	-5	0	0	AG	151	7.1	.0	10.0
J. Coast Hi WBA	150	11	0	11	AG	1537	5.6	.0	17.0
K. Coast Hi WBD	0	11	-150	11	AG	1846	3.9	.0	13.5
L. Coast Hi WBL	150	5	0	0	AG	119	7.1	.0	10.0
M. Avocado NBAX	7	-750	7	-150	AG	362	3.5	.0	10.0
N. Avocado NBDX	7	150	7	750	AG	372	3.5	.0	10.0
O. Avocado SBAX	-7	750	-7	150	AG	783	3.5	.0	10.0
P. Avocado SBDX	-7	-150	-7	-750	AG	319	3.5	.0	10.0
Q. Coast H EBAX	-750	-11	-150	-11	AG	2229	3.5	.0	17.0
R. Coast H EBDX	150	-11	750	-11	AG	2493	3.5	.0	13.5
S. Coast H WBAX	750	11	150	11	AG	1656	3.5	.0	17.0
T. Coast H WBDX	-150	11	-750	11	AG	1846	3.5	.0	13.5

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

JOB: Newport Beach City Hall
RUN: ExistwP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: ExistwP-01 (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.	2.2	.1	.0	.0	.0	.0	.0	1.2	.2
2. NW	98.	2.0	.0	.0	.0	.2	.0	.1	.0	.2
3. SW	80.	1.9	.0	.0	.0	.0	.0	.0	.2	.9
4. NE	259.	1.8	.0	.1	.0	.1	.0	.1	.3	.0
5. ES mdblk	278.	2.0	.0	.0	.0	.0	.0	.0	.2	1.2
6. WN mdblk	99.	1.7	.0	.0	.0	.0	.0	.0	.2	.2
7. WS mdblk	81.	2.1	.0	.0	.0	.0	.0	.0	1.4	.1
8. EN mdblk	261.	1.8	.0	.0	.0	.0	.0	.0	.3	.1
9. SE mdblk	353.	.9	.3	.0	.0	.0	.0	.0	.1	.0
10. NW mdblk	171.	1.2	.0	.0	.0	.5	.0	.3	.0	.0
11. SW mdblk	6.	.9	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	190.	.9	.0	.3	.0	.2	.0	.1	.1	.0
13. ES blk	277.	1.6	.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.	1.3	.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.	.5	.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: Newport Beach City Hall
RUN: ExistwP-01 (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	.9	.1	.0	.0	.0	.0	.0	.0	.3	.1	.0
3. SW	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
4. NE	.0	.2	.6	.0	.0	.0	.0	.0	.2	.0	.0	.0
5. ES mdblk	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	.0	.0	.9	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	1.0	.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	1.1	.3	.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	1.0	.0	.0	.3
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	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.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	.2	.2	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: ExistwP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 61. (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= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Avocado NBA	7	-150	7	0	AG	585	7.6	.0	10.0
B. Avocado NBD	7	0	7	150	AG	91	4.0	.0	10.0
C. Avocado NBL	5	-150	0	0	AG	151	7.1	.0	10.0
D. Avocado SBA	-7	150	-7	0	AG	141	6.4	.0	10.0
E. Avocado SBD	-7	0	-7	-150	AG	512	7.1	.0	10.0
F. Avocado SBL	-5	150	0	0	AG	198	7.1	.0	10.0
G. San Migu EBA	-150	-7	0	-7	AG	795	5.3	.0	10.0
H. San Migu EBD	0	-7	150	-7	AG	1400	3.9	.0	10.0
I. San Migu EBL	-150	-5	0	0	AG	12	7.1	.0	10.0
J. San Migu WBA	150	7	0	7	AG	410	5.2	.0	10.0
K. San Migu WBD	0	7	-150	7	AG	544	3.7	.0	10.0
L. San Migu WBL	150	5	0	0	AG	255	7.5	.0	10.0
M. Avocado NBAX	7	-750	7	-150	AG	736	3.5	.0	10.0
N. Avocado NBDX	7	150	7	750	AG	91	3.5	.0	10.0
O. Avocado SBAX	-7	750	-7	150	AG	339	3.5	.0	10.0
P. Avocado SBDX	-7	-150	-7	-750	AG	512	3.5	.0	10.0
Q. San Mig EBAX	-750	-7	-150	-7	AG	807	3.5	.0	10.0
R. San Mig EBDX	150	-7	750	-7	AG	1400	3.5	.0	10.0
S. San Mig WBAX	750	7	150	7	AG	665	3.5	.0	10.0
T. San Mig WBDX	-150	7	-750	7	AG	544	3.5	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Newport Beach City Hall
RUN: ExistwP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: ExistwP-02 (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.	1.3	.3	.0	.0	.0	.1	.0	.5	.1
2. NW	172.	1.2	.2	.0	.0	.0	.4	.0	.1	.0
3. SW	82.	1.6	.2	.0	.0	.0	.2	.0	.1	.6
4. NE	188.	1.3	.5	.0	.0	.0	.2	.0	.0	.2
5. ES mdblk	278.	1.2	.0	.0	.0	.0	.0	.0	.0	.7
6. WN mdblk	97.	.9	.0	.0	.0	.0	.0	.0	.1	.1
7. WS mdblk	84.	1.1	.0	.0	.0	.0	.0	.0	.6	.0
8. EN mdblk	260.	1.1	.0	.0	.0	.0	.0	.0	.0	.2
9. SE mdblk	350.	1.1	.7	.0	.1	.0	.2	.0	.0	.0
10. NW mdblk	174.	.7	.1	.0	.0	.1	.0	.1	.0	.0
11. SW mdblk	12.	1.0	.2	.0	.0	.0	.5	.0	.0	.0
12. NE mdblk	185.	.6	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	276.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.7	.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.	.8	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.7	.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.	.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	185.	.3	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: ExistwP-02 (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	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.1	.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	.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	.7	.1	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.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	.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	.0	.2	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.2	.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: Newport Beach City Hall
RUN: ExistwP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Jamboree NBA	7	-150	7	0	AG	364	6.4	.0	10.0
B. Jamboree NBD	7	0	7	150	AG	1236	7.3	.0	10.0
C. Jamboree NBL	5	-150	0	0	AG	37	7.0	.0	10.0
D. Jamboree SBA	-9	150	-9	0	AG	1913	7.6	.0	13.5
E. Jamboree SBD	-9	0	-9	-150	AG	661	4.4	.0	10.0
F. Jamboree SBL	-5	150	0	0	AG	180	7.0	.0	10.0
G. Coast Hi EBA	-150	-18	0	-18	AG	1731	5.4	.0	17.0
H. Coast Hi EBD	0	-18	150	-18	AG	1985	3.7	.0	15.3
I. Coast Hi EBL	-150	-12	0	0	AG	794	7.5	.0	10.0
J. Coast Hi WBA	150	16	0	16	AG	2230	5.6	.0	20.5
K. Coast Hi WBD	0	16	-150	16	AG	3572	4.4	.0	17.0
L. Coast Hi WBL	150	9	0	0	AG	205	7.1	.0	10.0
M. Jambore NBAX	7	-750	7	-150	AG	401	3.3	.0	10.0
N. Jambore NBDX	7	150	7	750	AG	1236	3.3	.0	10.0
O. Jambore SBAX	-9	750	-9	150	AG	2093	3.3	.0	13.5
P. Jambore SBDX	-9	-150	-9	-750	AG	661	3.3	.0	10.0
Q. Coast H EBAX	-750	-18	-150	-18	AG	2525	3.5	.0	17.0
R. Coast H EBDX	150	-18	750	-18	AG	1985	3.5	.0	15.3
S. Coast H WBAX	750	16	150	16	AG	2435	3.5	.0	20.5
T. Coast H WBDX	-150	16	-750	16	AG	3572	3.5	.0	17.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Newport Beach City Hall
RUN: ExistwP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-27	1.8
2. NW	-17	26	1.8
3. SW	-15	-28	1.8
4. NE	14	28	1.8
5. ES mdblk	150	-27	1.8
6. WN mdblk	-150	26	1.8
7. WS mdblk	-150	-28	1.8
8. EN mdblk	150	28	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	14	150	1.8
13. ES blk	600	-27	1.8
14. WN blk	-600	26	1.8
15. WS blk	-600	-28	1.8
16. EN blk	600	28	1.8
17. SE blk	14	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-15	-600	1.8
20. NE blk	14	600	1.8

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

JOB: Newport Beach City Hall
RUN: ExistwP-03 (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	.1	.7	.0	.5	.0	.1	.0	.4
2. NW	99.	3.1	.0	.3	.0	.9	.0	.0	.0	.0
3. SW	7.	3.0	.0	.3	.0	1.1	.2	.0	.5	.0
4. NE	256.	3.1	.0	.6	.0	.5	.0	.0	.1	.0
5. ES mdblk	280.	1.9	.0	.0	.0	.0	.0	.0	.0	.9
6. WN mdblk	99.	2.5	.0	.0	.0	.1	.0	.0	.0	.1
7. WS mdblk	75.	2.2	.0	.1	.0	.1	.0	.0	1.0	.0
8. EN mdblk	262.	2.3	.0	.0	.0	.1	.0	.0	.2	.0
9. SE mdblk	354.	1.5	.3	.2	.0	.3	.0	.0	.0	.0
10. NW mdblk	169.	2.6	.0	.3	.0	1.8	.0	.1	.0	.0
11. SW mdblk	5.	1.5	.0	.2	.0	.3	.4	.0	.0	.0
12. NE mdblk	193.	2.4	.0	1.2	.0	.6	.0	.0	.1	.0
13. ES blk	278.	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.	1.8	.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.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.8	.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: Newport Beach City Hall
RUN: ExistwP-03 (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	.0	.2	.0	.0	.0	.0	.0
2. NW	.0	1.0	.4	.0	.0	.0	.0	.0	.0	.2	.1	.0
3. SW	.2	.0	.3	.0	.0	.1	.1	.0	.0	.0	.0	.0
4. NE	.2	.2	1.2	.0	.0	.0	.0	.0	.2	.0	.0	.0
5. ES mdblk	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	.1	.1	1.6	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.1	1.2	.2	.0	.0	.0	.0	.0	.2	.0	.0	.1
9. SE mdblk	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0
10. NW mdblk	.0	.1	.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	.2	.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	1.4
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.3
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.0	.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	.9	.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	.6	.4	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: ExistwP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Jamboree NBA	11	-150	11	0	AG	1758	5.5	.0	17.0
B. Jamboree NBD	11	0	11	150	AG	1872	3.6	.0	13.5
C. Jamboree NBL	5	-150	0	0	AG	52	7.0	.0	10.0
D. Jamboree SBA	-14	150	-14	0	AG	1617	5.5	.0	17.0
E. Jamboree SBD	-14	0	-14	-150	AG	1693	3.5	.0	13.5
F. Jamboree SBL	-9	150	0	0	AG	458	7.5	.0	10.0
G. San Joaq EBA	-150	-9	0	-9	AG	80	6.4	.0	11.8
H. San Joaq EBD	0	-9	150	-9	AG	628	4.6	.0	10.0
I. San Joaq EBL	-150	-5	0	0	AG	161	7.1	.0	10.0
J. San Joaq WBA	150	9	0	9	AG	118	6.4	.0	11.8
K. San Joaq WBD	0	9	-150	9	AG	215	4.0	.0	10.0
L. San Joaq WBL	150	5	0	0	AG	164	7.1	.0	10.0
M. Jambore NBAX	11	-750	11	-150	AG	1810	3.3	.0	17.0
N. Jambore NBDX	11	150	11	750	AG	1872	3.3	.0	13.5
O. Jambore SBAX	-14	750	-14	150	AG	2075	3.3	.0	17.0
P. Jambore SBDX	-14	-150	-14	-750	AG	1693	3.3	.0	13.5
Q. San Joa EBAX	-750	-9	-150	-9	AG	241	3.5	.0	11.8
R. San Joa EBDX	150	-9	750	-9	AG	628	3.5	.0	10.0
S. San Joa WBAX	750	9	150	9	AG	282	3.5	.0	11.8
T. San Joa WBDX	-150	9	-750	9	AG	215	3.5	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Newport Beach City Hall
RUN: ExistwP-04 (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	-16	1.8
4. NE	19	16	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-16	1.8
8. EN mdblk	150	16	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	-16	1.8
16. EN blk	600	16	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: Newport Beach City Hall
RUN: ExistwP-04 (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	346.	1.7	.3	.6	.0	.3	.0	.2	.0	.2
2. NW	10.	1.6	.0	.0	.0	1.0	.0	.2	.0	.0
3. SW	8.	1.7	.0	.0	.0	.8	.2	.2	.0	.0
4. NE	188.	1.7	.9	.2	.0	.0	.0	.0	.0	.0
5. ES mdblk	279.	.9	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	96.	.7	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.6	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	261.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	1.8	1.1	.0	.0	.2	.0	.0	.0	.0
10. NW mdblk	170.	1.8	.2	.0	.0	1.0	.0	.2	.0	.0
11. SW mdblk	8.	1.4	.1	.1	.0	.1	.7	.0	.0	.0
12. NE mdblk	189.	1.5	.1	.8	.0	.1	.1	.1	.0	.0
13. ES blk	276.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	95.	.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	264.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	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: Newport Beach City Hall
RUN: ExistwP-04 (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	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.2	.1	.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	.0	.0	.1	.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	.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	.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	.4	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
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	.1	.2	.0
17. SE blk	.0	.0	.0	.0	.8	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.9	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.2	.0	.0	.8	.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: Newport Beach City Hall
RUN: ExistwP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	0	-150	0	0	AG	0	3.3	.0	10.0
B. Macarthu NBD	0	0	0	150	AG	1415	7.6	.0	10.0
C. Macarthu NBL	2	-150	0	0	AG	0	3.3	.0	10.0
D. Macarthu SBA	-9	150	-9	0	AG	1023	7.6	.0	10.0
E. Macarthu SBD	-9	0	-9	-150	AG	0	3.3	.0	10.0
F. Macarthu SBL	-9	150	0	0	AG	846	7.6	.0	10.0
G. Coast Hi EBA	-150	-12	0	-12	AG	1398	5.4	.0	13.5
H. Coast Hi EBD	0	-12	150	-12	AG	2244	4.1	.0	13.5
I. Coast Hi EBL	-150	-9	0	0	AG	525	7.5	.0	10.0
J. Coast Hi WBA	150	7	0	7	AG	1981	6.0	.0	17.0
K. Coast Hi WBD	0	7	-150	7	AG	2114	4.1	.0	13.5
L. Coast Hi WBL	150	2	0	0	AG	0	3.5	.0	10.0
M. Macarth NBAX	0	-750	0	-150	AG	0	3.3	.0	10.0
N. Macarth NBDX	0	150	0	750	AG	1415	3.3	.0	10.0
O. Macarth SBAX	-9	750	-9	150	AG	1869	3.3	.0	10.0
P. Macarth SBDX	-9	-150	-9	-750	AG	0	3.3	.0	10.0
Q. Coast H EBAX	-750	-12	-150	-12	AG	1923	3.5	.0	13.5
R. Coast H EBDX	150	-12	750	-12	AG	2244	3.5	.0	13.5
S. Coast H WBAX	750	7	150	7	AG	1981	3.5	.0	17.0
T. Coast H WBDX	-150	7	-750	7	AG	2114	3.5	.0	13.5

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Newport Beach City Hall
RUN: ExistwP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	7	-21	1.8
2. NW	-15	15	1.8
3. SW	-15	-21	1.8
4. NE	7	17	1.8
5. ES mdblk	150	-21	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-21	1.8
8. EN mdblk	150	17	1.8
9. SE mdblk	7	-150	1.8
10. NW mdblk	-15	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	7	150	1.8
13. ES blk	600	-21	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-21	1.8
16. EN blk	600	17	1.8
17. SE blk	7	-600	1.8
18. NW blk	-15	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: Newport Beach City Hall
RUN: ExistwP-05 (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.	3.3	.0	1.0	.0	.4	.0	.7	.0	.6
2. NW	98.	3.1	.0	.4	.0	.5	.0	.3	.0	.2
3. SW	8.	2.8	.0	.6	.0	.8	.0	.4	.5	.0
4. NE	257.	2.9	.0	.7	.0	.3	.0	.4	.2	.0
5. ES mdblk	280.	2.0	.0	.0	.0	.0	.0	.0	.0	1.1
6. WN mdblk	97.	1.9	.0	.0	.0	.0	.0	.0	.1	.2
7. WS mdblk	79.	2.1	.0	.1	.0	.0	.0	.0	1.0	.0
8. EN mdblk	263.	2.1	.0	.0	.0	.0	.0	.0	.2	.0
9. SE mdblk	358.	1.0	.0	.2	.0	.2	.0	.2	.0	.0
10. NW mdblk	167.	2.9	.0	.7	.0	1.1	.0	.9	.0	.1
11. SW mdblk	3.	1.0	.0	.2	.0	.2	.0	.2	.0	.0
12. NE mdblk	192.	2.7	.0	1.4	.0	.5	.0	.4	.0	.0
13. ES blk	278.	1.7	.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	82.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	359.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	1.	.3	.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: Newport Beach City Hall
RUN: ExistwP-05 (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	.0	.2	.0	.0	.0	.0	.0
2. NW	.0	1.1	.2	.0	.0	.0	.0	.0	.0	.2	.1	.0
3. SW	.1	.0	.3	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NE	.2	.0	.8	.0	.0	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.1	.2	1.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.1	1.2	.1	.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	.1	.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	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.3	.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	.3
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.9	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.7	.4	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: ExistwP-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	16	-150	16	0	AG	2926	6.4	.0	20.5
B. Macarthu NBD	16	0	16	150	AG	2954	3.8	.0	17.0
C. Macarthu NBL	9	-150	0	0	AG	64	7.0	.0	10.0
D. Macarthu SBA	-16	150	-16	0	AG	2448	5.9	.0	20.5
E. Macarthu SBD	-16	0	-16	-150	AG	2701	3.6	.0	17.0
F. Macarthu SBL	-9	150	0	0	AG	774	7.6	.0	10.0
G. Ford/Bon EBA	-150	-12	0	-12	AG	363	6.4	.0	13.5
H. Ford/Bon EBD	0	-12	150	-12	AG	1552	7.6	.0	10.0
I. Ford/Bon EBL	-150	-9	0	0	AG	27	7.1	.0	10.0
J. Ford/Bon WBA	150	12	0	12	AG	760	7.2	.0	13.5
K. Ford/Bon WBD	0	12	-150	12	AG	393	4.0	.0	10.0
L. Ford/Bon WBL	150	9	0	0	AG	238	7.1	.0	10.0
M. Macarth NBAX	16	-750	16	-150	AG	2990	3.3	.0	20.5
N. Macarth NBDX	16	150	16	750	AG	2954	3.3	.0	17.0
O. Macarth SBAX	-16	750	-16	150	AG	3222	3.3	.0	20.5
P. Macarth SBDX	-16	-150	-16	-750	AG	2701	3.3	.0	17.0
Q. Ford/Bo EBAX	-750	-12	-150	-12	AG	390	3.5	.0	13.5
R. Ford/Bo EBDX	150	-12	750	-12	AG	1552	3.5	.0	10.0
S. Ford/Bo WBAX	750	12	150	12	AG	998	3.5	.0	13.5
T. Ford/Bo WBDX	-150	12	-750	12	AG	393	3.5	.0	10.0

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

JOB: Newport Beach City Hall
RUN: ExistwP-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	28	-19	1.8
2. NW	-28	19	1.8
3. SW	-26	-21	1.8
4. NE	26	21	1.8
5. ES mdblk	150	-19	1.8
6. WN mdblk	-150	19	1.8
7. WS mdblk	-150	-21	1.8
8. EN mdblk	150	21	1.8
9. SE mdblk	28	-150	1.8
10. NW mdblk	-28	150	1.8
11. SW mdblk	-26	-150	1.8
12. NE mdblk	26	150	1.8
13. ES blk	600	-19	1.8
14. WN blk	-600	19	1.8
15. WS blk	-600	-21	1.8
16. EN blk	600	21	1.8
17. SE blk	28	-600	1.8
18. NW blk	-28	600	1.8
19. SW blk	-26	-600	1.8
20. NE blk	26	600	1.8

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

JOB: Newport Beach City Hall
RUN: ExistwP-06 (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	342.	3.0	.6	.7	.0	.4	.0	.3	.0	.8
2. NW	99.	2.3	.0	.2	.0	.8	.0	.2	.0	.2
3. SW	82.	2.4	.5	.0	.0	.0	.5	.0	.1	.9
4. NE	188.	3.0	1.4	.3	.0	.0	.0	.0	.0	.3
5. ES mdblk	282.	2.3	.0	.1	.0	.2	.0	.0	.0	1.6
6. WN mdblk	96.	1.2	.1	.0	.0	.1	.0	.0	.0	.2
7. WS mdblk	84.	1.2	.1	.0	.0	.0	.0	.0	.3	.2
8. EN mdblk	255.	1.6	.2	.0	.0	.0	.1	.0	.0	.3
9. SE mdblk	351.	2.8	1.8	.1	.0	.3	.0	.1	.0	.1
10. NW mdblk	168.	2.6	.4	.0	.0	1.4	.0	.3	.0	.0
11. SW mdblk	9.	2.0	.0	.2	.0	.2	1.0	.1	.0	.0
12. NE mdblk	188.	2.2	.2	1.1	.0	.0	.2	.1	.0	.0
13. ES blk	277.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	95.	.7	.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.	1.0	.1	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	172.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.8	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.8	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: ExistwP-06 (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	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.4	.1	.1	.0	.0	.0	.0	.0	.2	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
4. NE	.0	.3	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0
5. ES mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.1	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.7	.0	.2	.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	.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	.8	.2	.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	.5	.0
17. SE blk	.0	.0	.0	.0	1.1	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.3	1.2	.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	1.1	.3	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: ExistwP-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	14	-150	14	0	AG	2015	5.9	.0	17.0
B. Macarthu NBD	14	0	14	150	AG	3058	5.0	.0	13.5
C. Macarthu NBL	9	-150	0	0	AG	111	7.0	.0	10.0
D. Macarthu SBA	-14	150	-14	0	AG	2202	6.4	.0	17.0
E. Macarthu SBD	-14	0	-14	-150	AG	2168	3.8	.0	13.5
F. Macarthu SBL	-9	150	0	0	AG	498	7.5	.0	10.0
G. San Joaq EBA	-150	-12	0	-12	AG	512	6.4	.0	13.5
H. San Joaq EBD	0	-12	150	-12	AG	881	4.2	.0	11.8
I. San Joaq EBL	-150	-9	0	0	AG	552	7.5	.0	10.0
J. San Joaq WBA	150	9	0	9	AG	831	7.5	.0	13.5
K. San Joaq WBD	0	9	-150	9	AG	665	4.6	.0	10.0
L. San Joaq WBL	150	5	0	0	AG	51	7.1	.0	10.0
M. Macarth NBAX	14	-750	14	-150	AG	2126	3.3	.0	17.0
N. Macarth NBDX	14	150	14	750	AG	3058	3.3	.0	13.5
O. Macarth SBAX	-14	750	-14	150	AG	2700	3.3	.0	17.0
P. Macarth SBDX	-14	-150	-14	-750	AG	2168	3.3	.0	13.5
Q. San Joa EBAX	-750	-12	-150	-12	AG	1064	3.5	.0	13.5
R. San Joa EBDX	150	-12	750	-12	AG	881	3.5	.0	11.8
S. San Joa WBAX	750	9	150	9	AG	882	3.5	.0	13.5
T. San Joa WBDX	-150	9	-750	9	AG	665	3.5	.0	10.0

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

JOB: Newport Beach City Hall
RUN: ExistwP-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: ExistwP-07 (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	347.	2.6	.4	1.1	.0	.3	.0	.2	.0	.2
2. NW	97.	2.3	.0	.3	.0	.8	.0	.1	.0	.0
3. SW	9.	2.6	.0	.2	.0	1.2	.3	.2	.2	.0
4. NE	189.	2.5	1.1	.5	.0	.0	.0	.0	.0	.1
5. ES mdblk	279.	1.3	.0	.0	.0	.1	.0	.0	.0	.5
6. WN mdblk	97.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	79.	1.5	.0	.1	.0	.1	.0	.0	.4	.0
8. EN mdblk	262.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	351.	2.3	1.3	.1	.0	.3	.0	.0	.0	.0
10. NW mdblk	169.	2.5	.3	.1	.0	1.6	.0	.2	.0	.0
11. SW mdblk	8.	2.0	.0	.3	.0	.2	.9	.0	.0	.0
12. NE mdblk	190.	2.6	.0	1.7	.0	.2	.2	.1	.0	.0
13. ES blk	277.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.9	.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	264.	.9	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.4	.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	7.	1.5	.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: Newport Beach City Hall
RUN: ExistwP-07 (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	.0	.2	.0	.0	.0	.0	.0
2. NW	.0	.6	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0
3. SW	.2	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0
4. NE	.0	.4	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.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	.5	.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	.5	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.0
17. SE blk	.0	.0	.0	.0	.9	.0	.0	.2	.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	.2	.0	.0	.9	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	1.2	.3	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: ExistwP-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	14	-150	14	0	AG	1298	5.3	.0	17.0
B. Macarthu NBD	14	0	14	150	AG	2031	3.6	.0	13.5
C. Macarthu NBL	9	-150	0	0	AG	99	7.0	.0	10.0
D. Macarthu SBA	-14	150	-14	0	AG	2075	5.9	.0	17.0
E. Macarthu SBD	-14	0	-14	-150	AG	1901	3.6	.0	13.5
F. Macarthu SBL	-9	150	0	0	AG	9	7.0	.0	10.0
G. San Migu EBA	-150	-11	0	-11	AG	637	7.2	.0	10.0
H. San Migu EBD	0	-11	150	-11	AG	770	4.6	.0	10.0
I. San Migu EBL	-150	-9	0	0	AG	982	7.6	.0	10.0
J. San Migu WBA	150	12	0	12	AG	273	6.4	.0	13.5
K. San Migu WBD	0	12	-150	12	AG	888	6.0	.0	10.0
L. San Migu WBL	150	9	0	0	AG	217	7.1	.0	10.0
M. Macarth NBAX	14	-750	14	-150	AG	1397	3.3	.0	17.0
N. Macarth NBDX	14	150	14	750	AG	2031	3.3	.0	13.5
O. Macarth SBAX	-14	750	-14	150	AG	2084	3.3	.0	17.0
P. Macarth SBDX	-14	-150	-14	-750	AG	1901	3.3	.0	13.5
Q. San Mig EBAX	-750	-11	-150	-11	AG	1619	3.5	.0	10.0
R. San Mig EBDX	150	-11	750	-11	AG	770	3.5	.0	10.0
S. San Mig WBAX	750	12	150	12	AG	490	3.5	.0	13.5
T. San Mig WBDX	-150	12	-750	12	AG	888	3.5	.0	10.0

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

JOB: Newport Beach City Hall
RUN: ExistwP-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: ExistwP-08 (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	279.	2.0	.4	.0	.0	.0	.2	.0	.4	.2
2. NW	167.	2.1	.2	.0	.0	.4	.5	.0	.1	.0
3. SW	7.	2.5	.0	.0	.0	1.1	.2	.0	.3	.0
4. NE	257.	1.9	.0	.4	.0	.3	.0	.0	.2	.0
5. ES mdblk	276.	1.3	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	101.	1.5	.0	.0	.0	.0	.0	.0	.1	.0
7. WS mdblk	77.	2.0	.0	.0	.0	.1	.0	.0	.7	.0
8. EN mdblk	263.	1.1	.0	.0	.0	.0	.0	.0	.1	.0
9. SE mdblk	350.	1.6	.8	.0	.0	.3	.0	.0	.0	.0
10. NW mdblk	171.	2.0	.2	.0	.0	1.3	.0	.0	.0	.0
11. SW mdblk	7.	1.6	.0	.1	.0	.2	.8	.0	.0	.0
12. NE mdblk	190.	1.6	.0	.9	.0	.1	.2	.0	.0	.0
13. ES blk	276.	.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	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	352.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	1.3	.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: Newport Beach City Hall
RUN: ExistwP-08 (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	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
2. NW	.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0
3. SW	.3	.0	.2	.0	.0	.2	.2	.0	.0	.0	.0	.0
4. NE	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.2	.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	.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	.4	.0	.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	.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	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.9	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.2	.0	.0	.8	.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: Newport Beach City Hall
RUN: ExistwP-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Margueri NBA	5	-150	5	0	AG	147	6.4	.0	10.0
B. Margueri NBD	5	0	5	150	AG	157	4.0	.0	10.0
C. Margueri NBL	5	-150	0	0	AG	94	7.1	.0	10.0
D. Margueri SBA	-5	150	-5	0	AG	162	6.4	.0	10.0
E. Margueri SBD	-5	0	-5	-150	AG	204	4.2	.0	10.0
F. Margueri SBL	-5	150	0	0	AG	92	7.1	.0	10.0
G. Coast Hi EBA	-150	-9	0	-9	AG	1817	7.4	.0	13.5
H. Coast Hi EBD	0	-9	150	-9	AG	1928	5.2	.0	10.0
I. Coast Hi EBL	-150	-5	0	0	AG	55	7.1	.0	10.0
J. Coast Hi WBA	150	7	0	7	AG	1451	6.5	.0	10.0
K. Coast Hi WBD	0	7	-150	7	AG	1592	4.1	.0	10.0
L. Coast Hi WBL	150	5	0	0	AG	63	7.1	.0	10.0
M. Marguer NBAX	5	-750	5	-150	AG	241	3.5	.0	10.0
N. Marguer NBDX	5	150	5	750	AG	157	3.5	.0	10.0
O. Marguer SBAX	-5	750	-5	150	AG	254	3.5	.0	10.0
P. Marguer SBDX	-5	-150	-5	-750	AG	204	3.5	.0	10.0
Q. Coast H EBAX	-750	-9	-150	-9	AG	1872	3.5	.0	13.5
R. Coast H EBDX	150	-9	750	-9	AG	1928	3.5	.0	10.0
S. Coast H WBAX	750	7	150	7	AG	1514	3.5	.0	10.0
T. Coast H WBDX	-150	7	-750	7	AG	1592	3.5	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Newport Beach City Hall
RUN: ExistwP-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	12	-15	1.8
2. NW	-12	14	1.8
3. SW	-12	-17	1.8
4. NE	12	14	1.8
5. ES mdblk	150	-15	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	12	-150	1.8
10. NW mdblk	-12	150	1.8
11. SW mdblk	-12	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-15	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	12	-600	1.8
18. NW blk	-12	600	1.8
19. SW blk	-12	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Newport Beach City Hall
RUN: ExistwP-09 (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.	2.4	.0	.0	.0	.0	.0	.0	1.5	.2
2. NW	99.	1.9	.0	.0	.0	.0	.0	.0	.0	.3
3. SW	279.	2.1	.0	.0	.0	.0	.0	.0	1.6	.0
4. NE	258.	1.8	.0	.0	.0	.0	.0	.0	.6	.0
5. ES mdblk	278.	2.0	.0	.0	.0	.0	.0	.0	.1	1.3
6. WN mdblk	99.	1.7	.0	.0	.0	.0	.0	.0	.4	.2
7. WS mdblk	82.	2.3	.0	.0	.0	.0	.0	.0	1.6	.1
8. EN mdblk	262.	2.1	.0	.0	.0	.0	.0	.0	.3	.2
9. SE mdblk	353.	.7	.2	.0	.1	.0	.0	.0	.1	.0
10. NW mdblk	173.	.7	.0	.0	.0	.2	.0	.1	.0	.0
11. SW mdblk	6.	.6	.0	.0	.0	.0	.1	.0	.0	.0
12. NE mdblk	187.	.6	.0	.1	.0	.0	.0	.0	.1	.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.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	355.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.4	.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: Newport Beach City Hall
RUN: ExistwP-09 (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	1.0	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0
3. SW	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.2
4. NE	.0	.3	.7	.0	.0	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	1.2	.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	.9	.3	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.8
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.3
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.8	.0
17. SE blk	.0	.0	.0	.0	.2	.0	.0	.0	.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	.1	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0

NEWPORT BEACH CITY HALL AND PARK DEVELOPMENT PLAN

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

OPENING YEAR (2013) WITHOUT PROJECT SCENARIO

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

JOB: Newport Beach City Hall
RUN: 2013nP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Avocado NBA	7	-150	7	0	AG	253	4.6	.0	10.0
B. Avocado NBD	7	0	7	150	AG	340	3.2	.0	10.0
C. Avocado NBL	5	-150	0	0	AG	109	4.8	.0	10.0
D. Avocado SBA	-7	150	-7	0	AG	429	5.1	.0	10.0
E. Avocado SBD	-7	0	-7	-150	AG	320	3.2	.0	10.0
F. Avocado SBL	-5	150	0	0	AG	319	4.8	.0	10.0
G. Coast Hi EBA	-150	-11	0	-11	AG	2487	4.9	.0	17.0
H. Coast Hi EBD	0	-11	150	-11	AG	2898	3.6	.0	13.5
I. Coast Hi EBL	-150	-5	0	0	AG	125	4.8	.0	10.0
J. Coast Hi WBA	150	11	0	11	AG	1822	4.1	.0	17.0
K. Coast Hi WBD	0	11	-150	11	AG	2105	2.9	.0	13.5
L. Coast Hi WBL	150	5	0	0	AG	119	4.8	.0	10.0
M. Avocado NBAX	7	-750	7	-150	AG	362	2.5	.0	10.0
N. Avocado NBDX	7	150	7	750	AG	340	2.5	.0	10.0
O. Avocado SBAX	-7	750	-7	150	AG	748	2.5	.0	10.0
P. Avocado SBDX	-7	-150	-7	-750	AG	320	2.5	.0	10.0
Q. Coast H EBAX	-750	-11	-150	-11	AG	2612	2.5	.0	17.0
R. Coast H EBDX	150	-11	750	-11	AG	2898	2.5	.0	13.5
S. Coast H WBAX	750	11	150	11	AG	1941	2.5	.0	17.0
T. Coast H WBDX	-150	11	-750	11	AG	2105	2.5	.0	13.5

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

JOB: Newport Beach City Hall
RUN: 2013nP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: 2013nP-01 (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.	1.9	.0	.0	.0	.0	.0	.0	1.2	.2
2. NW	99.	1.6	.0	.0	.0	.1	.0	.0	.0	.2
3. SW	79.	1.6	.0	.0	.0	.0	.0	.0	.2	.9
4. NE	256.	1.4	.0	.0	.0	.0	.0	.0	.4	.0
5. ES mdblk	279.	1.8	.0	.0	.0	.0	.0	.0	.1	1.2
6. WN mdblk	99.	1.4	.0	.0	.0	.0	.0	.0	.2	.2
7. WS mdblk	81.	1.9	.0	.0	.0	.0	.0	.0	1.3	.0
8. EN mdblk	261.	1.5	.0	.0	.0	.0	.0	.0	.3	.1
9. SE mdblk	353.	.7	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.9	.0	.0	.0	.3	.0	.2	.0	.0
11. SW mdblk	6.	.6	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	190.	.7	.0	.2	.0	.1	.0	.0	.1	.0
13. ES blk	278.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.2	.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	263.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.5	.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.	.5	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013nP-01 (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	.1	.0	.0	.2
2. NW	.0	.7	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0
3. SW	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
4. NE	.0	.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.1	.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	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.9	.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	.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	.0	.3	.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	.2	.1	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013nP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 61. (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= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Avocado NBA	7	-150	7	0	AG	506	5.2	.0	10.0
B. Avocado NBD	7	0	7	150	AG	93	2.9	.0	10.0
C. Avocado NBL	5	-150	0	0	AG	113	4.8	.0	10.0
D. Avocado SBA	-7	150	-7	0	AG	169	4.4	.0	10.0
E. Avocado SBD	-7	0	-7	-150	AG	481	4.2	.0	10.0
F. Avocado SBL	-5	150	0	0	AG	205	5.1	.0	10.0
G. San Migu EBA	-150	-7	0	-7	AG	835	3.8	.0	10.0
H. San Migu EBD	0	-7	150	-7	AG	1378	2.8	.0	10.0
I. San Migu EBL	-150	-5	0	0	AG	12	4.8	.0	10.0
J. San Migu WBA	150	7	0	7	AG	443	3.6	.0	10.0
K. San Migu WBD	0	7	-150	7	AG	541	2.6	.0	10.0
L. San Migu WBL	150	5	0	0	AG	210	5.1	.0	10.0
M. Avocado NBAX	7	-750	7	-150	AG	619	2.5	.0	10.0
N. Avocado NBDX	7	150	7	750	AG	93	2.5	.0	10.0
O. Avocado SBAX	-7	750	-7	150	AG	374	2.5	.0	10.0
P. Avocado SBDX	-7	-150	-7	-750	AG	481	2.5	.0	10.0
Q. San Mig EBAX	-750	-7	-150	-7	AG	847	2.5	.0	10.0
R. San Mig EBDX	150	-7	750	-7	AG	1378	2.5	.0	10.0
S. San Mig WBAX	750	7	150	7	AG	653	2.5	.0	10.0
T. San Mig WBDX	-150	7	-750	7	AG	541	2.5	.0	10.0

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

JOB: Newport Beach City Hall
RUN: 2013nP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: 2013nP-02 (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.	.9	.2	.0	.0	.0	.0	.0	.4	.0
2. NW	172.	.7	.1	.0	.0	.0	.3	.0	.1	.0
3. SW	82.	1.0	.0	.0	.0	.0	.1	.0	.0	.4
4. NE	188.	.8	.3	.0	.0	.0	.0	.0	.0	.1
5. ES mdblk	278.	.8	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	97.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.8	.0	.0	.0	.0	.0	.0	.4	.0
8. EN mdblk	260.	.7	.0	.0	.0	.0	.0	.0	.0	.2
9. SE mdblk	351.	.7	.4	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	174.	.5	.0	.0	.0	.1	.0	.1	.0	.0
11. SW mdblk	11.	.6	.1	.0	.0	.0	.3	.0	.0	.0
12. NE mdblk	185.	.4	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.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.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.3	.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: Newport Beach City Hall
RUN: 2013nP-02 (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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.1	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.2	.0	.1	.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	.1	.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	.3	.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	.3	.0	.0	.0	.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	.1	.0	.0	.2	.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: Newport Beach City Hall
RUN: 2013nP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Jamboree NBA	7	-150	7	0	AG	362	4.4	.0	10.0
B. Jamboree NBD	7	0	7	150	AG	1474	5.1	.0	10.0
C. Jamboree NBL	5	-150	0	0	AG	44	4.8	.0	10.0
D. Jamboree SBA	-9	150	-9	0	AG	2055	5.2	.0	13.5
E. Jamboree SBD	-9	0	-9	-150	AG	671	3.1	.0	10.0
F. Jamboree SBL	-5	150	0	0	AG	312	5.2	.0	10.0
G. Coast Hi EBA	-150	-18	0	-18	AG	2005	3.9	.0	17.0
H. Coast Hi EBD	0	-18	150	-18	AG	2384	2.7	.0	15.3
I. Coast Hi EBL	-150	-12	0	0	AG	944	5.2	.0	10.0
J. Coast Hi WBA	150	16	0	16	AG	2549	4.1	.0	20.5
K. Coast Hi WBD	0	16	-150	16	AG	3947	3.6	.0	17.0
L. Coast Hi WBL	150	9	0	0	AG	205	4.8	.0	10.0
M. Jambore NBAX	7	-750	7	-150	AG	406	2.4	.0	10.0
N. Jambore NBDX	7	150	7	750	AG	1474	2.4	.0	10.0
O. Jambore SBAX	-9	750	-9	150	AG	2367	2.4	.0	13.5
P. Jambore SBDX	-9	-150	-9	-750	AG	671	2.4	.0	10.0
Q. Coast H EBAX	-750	-18	-150	-18	AG	2949	2.5	.0	17.0
R. Coast H EBDX	150	-18	750	-18	AG	2384	2.5	.0	15.3
S. Coast H WBAX	750	16	150	16	AG	2754	2.5	.0	20.5
T. Coast H WBDX	-150	16	-750	16	AG	3947	2.5	.0	17.0

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

JOB: Newport Beach City Hall
RUN: 2013nP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-27	1.8
2. NW	-17	26	1.8
3. SW	-15	-28	1.8
4. NE	14	28	1.8
5. ES mdblk	150	-27	1.8
6. WN mdblk	-150	26	1.8
7. WS mdblk	-150	-28	1.8
8. EN mdblk	150	28	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	14	150	1.8
13. ES blk	600	-27	1.8
14. WN blk	-600	26	1.8
15. WS blk	-600	-28	1.8
16. EN blk	600	28	1.8
17. SE blk	14	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-15	-600	1.8
20. NE blk	14	600	1.8

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

JOB: Newport Beach City Hall
RUN: 2013nP-03 (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	.1	.6	.0	.4	.0	.1	.0	.4
2. NW	99.	2.5	.0	.2	.0	.6	.0	.0	.0	.0
3. SW	7.	2.4	.0	.2	.0	.8	.1	.1	.4	.0
4. NE	256.	2.6	.0	.5	.0	.4	.0	.0	.1	.0
5. ES mdblk	280.	1.6	.0	.0	.0	.0	.0	.0	.0	.7
6. WN mdblk	99.	2.1	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	75.	1.8	.0	.0	.0	.1	.0	.0	.8	.0
8. EN mdblk	262.	1.8	.0	.0	.0	.0	.0	.0	.1	.0
9. SE mdblk	354.	1.1	.2	.1	.0	.2	.0	.0	.0	.0
10. NW mdblk	168.	2.0	.0	.3	.0	1.3	.0	.2	.0	.0
11. SW mdblk	5.	1.1	.0	.2	.0	.2	.3	.0	.0	.0
12. NE mdblk	193.	1.9	.0	1.0	.0	.5	.0	.1	.0	.0
13. ES blk	278.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	1.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	1.4	.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	173.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.1	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013nP-03 (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	.0	.1	.0	.0	.0	.0	.0
2. NW	.0	.9	.3	.0	.0	.0	.0	.0	.0	.2	.1	.0
3. SW	.2	.0	.3	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NE	.1	.2	1.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
5. ES mdblk	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	.0	.1	1.4	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.1	1.0	.2	.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	.1	.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	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.2	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	1.1
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	.8	.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	.7	.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	.3	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013nP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Jamboree NBA	11	-150	11	0	AG	2100	4.1	.0	17.0
B. Jamboree NBD	11	0	11	150	AG	2239	2.7	.0	13.5
C. Jamboree NBL	5	-150	0	0	AG	53	4.8	.0	10.0
D. Jamboree SBA	-14	150	-14	0	AG	1878	4.1	.0	17.0
E. Jamboree SBD	-14	0	-14	-150	AG	1962	2.6	.0	13.5
F. Jamboree SBL	-9	150	0	0	AG	477	5.1	.0	10.0
G. San Joaq EBA	-150	-9	0	-9	AG	84	4.4	.0	11.8
H. San Joaq EBD	0	-9	150	-9	AG	659	3.2	.0	10.0
I. San Joaq EBL	-150	-5	0	0	AG	162	4.8	.0	10.0
J. San Joaq WBA	150	11	0	11	AG	150	4.4	.0	10.0
K. San Joaq WBD	0	11	-150	11	AG	216	3.0	.0	10.0
L. San Joaq WBL	150	9	0	0	AG	172	4.8	.0	10.0
M. Jambore NBAX	11	-750	11	-150	AG	2153	2.4	.0	17.0
N. Jambore NBDX	11	150	11	750	AG	2239	2.4	.0	13.5
O. Jambore SBAX	-14	750	-14	150	AG	2355	2.4	.0	17.0
P. Jambore SBDX	-14	-150	-14	-750	AG	1962	2.4	.0	13.5
Q. San Joa EBAX	-750	-9	-150	-9	AG	246	2.5	.0	11.8
R. San Joa EBDX	150	-9	750	-9	AG	659	2.5	.0	10.0
S. San Joa WBAX	750	11	150	11	AG	322	2.5	.0	10.0
T. San Joa WBDX	-150	11	-750	11	AG	216	2.5	.0	10.0

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

JOB: Newport Beach City Hall
RUN: 2013nP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-15	1.8
2. NW	-24	17	1.8
3. SW	-22	-16	1.8
4. NE	19	17	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	17	1.8
7. WS mdblk	-150	-16	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	17	1.8
15. WS blk	-600	-16	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: Newport Beach City Hall
RUN: 2013nP-04 (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	346.	1.4	.2	.5	.0	.2	.0	.1	.0	.1
2. NW	10.	1.3	.0	.0	.0	.8	.0	.1	.0	.0
3. SW	8.	1.4	.0	.0	.0	.7	.1	.1	.0	.0
4. NE	188.	1.4	.8	.2	.0	.0	.0	.0	.0	.0
5. ES mdblk	279.	.6	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.5	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	260.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	1.5	.9	.0	.0	.2	.0	.0	.0	.0
10. NW mdblk	170.	1.5	.2	.0	.0	.9	.0	.1	.0	.0
11. SW mdblk	8.	1.2	.0	.1	.0	.0	.6	.0	.0	.0
12. NE mdblk	189.	1.3	.0	.7	.0	.1	.1	.0	.0	.0
13. ES blk	276.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	95.	.3	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.3	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.0	.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: Newport Beach City Hall
RUN: 2013nP-04 (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	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.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	.0	.0	.0	.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	.1	.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	.0	.0	.0	.1
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
17. SE blk	.0	.0	.0	.0	.6	.0	.0	.2	.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	.6	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.7	.2	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013nP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	0	-150	0	0	AG	0	2.4	.0	10.0
B. Macarthu NBD	0	0	0	150	AG	1549	5.2	.0	10.0
C. Macarthu NBL	2	-150	0	0	AG	0	2.4	.0	10.0
D. Macarthu SBA	-9	150	-9	0	AG	1070	5.2	.0	10.0
E. Macarthu SBD	-9	0	-9	-150	AG	0	2.4	.0	10.0
F. Macarthu SBL	-9	150	0	0	AG	988	5.2	.0	10.0
G. Coast Hi EBA	-150	-12	0	-12	AG	1765	3.9	.0	13.5
H. Coast Hi EBD	0	-12	150	-12	AG	2753	3.6	.0	13.5
I. Coast Hi EBL	-150	-9	0	0	AG	557	5.1	.0	10.0
J. Coast Hi WBA	150	7	0	7	AG	2346	4.5	.0	17.0
K. Coast Hi WBD	0	7	-150	7	AG	2424	3.1	.0	13.5
L. Coast Hi WBL	150	2	0	0	AG	0	2.5	.0	10.0
M. Macarth NBAX	0	-750	0	-150	AG	0	2.4	.0	10.0
N. Macarth NBDX	0	150	0	750	AG	1549	2.4	.0	10.0
O. Macarth SBAX	-9	750	-9	150	AG	2058	2.4	.0	10.0
P. Macarth SBDX	-9	-150	-9	-750	AG	0	2.4	.0	10.0
Q. Coast H EBAX	-750	-12	-150	-12	AG	2322	2.5	.0	13.5
R. Coast H EBDX	150	-12	750	-12	AG	2753	2.5	.0	13.5
S. Coast H WBAX	750	7	150	7	AG	2346	2.5	.0	17.0
T. Coast H WBDX	-150	7	-750	7	AG	2424	2.5	.0	13.5

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

JOB: Newport Beach City Hall
RUN: 2013nP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	7	-21	1.8
2. NW	-15	15	1.8
3. SW	-15	-21	1.8
4. NE	7	17	1.8
5. ES mdblk	150	-21	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-21	1.8
8. EN mdblk	150	17	1.8
9. SE mdblk	7	-150	1.8
10. NW mdblk	-15	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	7	150	1.8
13. ES blk	600	-21	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-21	1.8
16. EN blk	600	17	1.8
17. SE blk	7	-600	1.8
18. NW blk	-15	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: Newport Beach City Hall
RUN: 2013nP-05 (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.	2.6	.0	.7	.0	.3	.0	.5	.0	.6
2. NW	98.	2.5	.0	.3	.0	.4	.0	.2	.0	.2
3. SW	8.	2.2	.0	.4	.0	.5	.0	.3	.4	.0
4. NE	256.	2.3	.0	.5	.0	.2	.0	.3	.2	.0
5. ES mdblk	280.	1.9	.0	.0	.0	.0	.0	.0	.0	1.1
6. WN mdblk	97.	1.6	.0	.0	.0	.0	.0	.0	.0	.2
7. WS mdblk	80.	1.8	.0	.0	.0	.0	.0	.0	.9	.0
8. EN mdblk	262.	1.8	.0	.0	.0	.0	.0	.0	.2	.1
9. SE mdblk	358.	.8	.0	.2	.0	.1	.0	.1	.0	.0
10. NW mdblk	167.	2.2	.0	.5	.0	.8	.0	.7	.0	.1
11. SW mdblk	3.	.8	.0	.2	.0	.1	.0	.1	.0	.0
12. NE mdblk	192.	2.0	.0	1.1	.0	.4	.0	.3	.0	.0
13. ES blk	278.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.2	.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.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	359.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	1.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.0	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013nP-05 (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	.0	.1	.0	.0	.0	.0	.0
2. NW	.0	1.0	.2	.0	.0	.0	.0	.0	.0	.2	.1	.0
3. SW	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.1	.2	.8	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	1.1	.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	.1	.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	.9	.3	.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	.8	.0	.0	.3
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.7	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.5	.3	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013nP-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	16	-150	16	0	AG	3095	4.4	.0	20.5
B. Macarthu NBD	16	0	16	150	AG	3122	2.7	.0	17.0
C. Macarthu NBL	9	-150	0	0	AG	61	4.8	.0	10.0
D. Macarthu SBA	-19	150	-19	0	AG	2631	4.1	.0	20.5
E. Macarthu SBD	-19	0	-19	-150	AG	2883	2.7	.0	17.0
F. Macarthu SBL	-12	150	0	0	AG	775	5.1	.0	10.0
G. Ford/Bon EBA	-150	-12	0	-12	AG	373	4.4	.0	13.5
H. Ford/Bon EBD	0	-12	150	-12	AG	1567	5.1	.0	10.0
I. Ford/Bon EBL	-150	-9	0	0	AG	27	4.8	.0	10.0
J. Ford/Bon WBA	150	12	0	12	AG	793	4.9	.0	13.5
K. Ford/Bon WBD	0	12	-150	12	AG	423	3.0	.0	10.0
L. Ford/Bon WBL	150	9	0	0	AG	240	4.8	.0	10.0
M. Macarth NBAX	16	-750	16	-150	AG	3156	2.4	.0	20.5
N. Macarth NBDX	16	150	16	750	AG	3122	2.4	.0	17.0
O. Macarth SBAX	-19	750	-19	150	AG	3406	2.4	.0	20.5
P. Macarth SBDX	-19	-150	-19	-750	AG	2883	2.4	.0	17.0
Q. Ford/Bo EBAX	-750	-12	-150	-12	AG	400	2.5	.0	13.5
R. Ford/Bo EBDX	150	-12	750	-12	AG	1567	2.5	.0	10.0
S. Ford/Bo WBAX	750	12	150	12	AG	1033	2.5	.0	13.5
T. Ford/Bo WBDX	-150	12	-750	12	AG	423	2.5	.0	10.0

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

JOB: Newport Beach City Hall
RUN: 2013nP-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	28	-19	1.8
2. NW	-31	19	1.8
3. SW	-29	-21	1.8
4. NE	26	21	1.8
5. ES mdblk	150	-19	1.8
6. WN mdblk	-150	19	1.8
7. WS mdblk	-150	-21	1.8
8. EN mdblk	150	21	1.8
9. SE mdblk	28	-150	1.8
10. NW mdblk	-31	150	1.8
11. SW mdblk	-29	-150	1.8
12. NE mdblk	26	150	1.8
13. ES blk	600	-19	1.8
14. WN blk	-600	19	1.8
15. WS blk	-600	-21	1.8
16. EN blk	600	21	1.8
17. SE blk	28	-600	1.8
18. NW blk	-31	600	1.8
19. SW blk	-29	-600	1.8
20. NE blk	26	600	1.8

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

JOB: Newport Beach City Hall
RUN: 2013nP-06 (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	342.	2.1	.4	.5	.0	.2	.0	.2	.0	.5
2. NW	99.	1.6	.0	.2	.0	.6	.0	.1	.0	.2
3. SW	9.	1.7	.0	.0	.0	.8	.2	.1	.1	.0
4. NE	188.	2.1	1.0	.2	.0	.0	.0	.0	.0	.2
5. ES mdblk	282.	1.6	.0	.0	.0	.1	.0	.0	.0	1.1
6. WN mdblk	96.	.9	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	84.	.9	.0	.0	.0	.0	.0	.0	.2	.1
8. EN mdblk	255.	1.1	.2	.0	.0	.0	.0	.0	.0	.2
9. SE mdblk	351.	2.0	1.3	.0	.0	.2	.0	.0	.0	.0
10. NW mdblk	167.	1.8	.3	.0	.0	1.1	.0	.2	.0	.0
11. SW mdblk	9.	1.5	.0	.1	.0	.1	.8	.0	.0	.0
12. NE mdblk	188.	1.6	.2	.9	.0	.0	.1	.0	.0	.0
13. ES blk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	95.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.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	353.	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.	1.3	.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: Newport Beach City Hall
RUN: 2013nP-06 (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	.0	.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	.2	.1	.0	.0	.0	.0	.0
4. NE	.0	.2	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	.0	.1	.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	.5	.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	.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	.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	.1	.4	.0
17. SE blk	.0	.0	.0	.0	.8	.0	.0	.1	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.9	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.2	.0	.0	.8	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.9	.2	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013nP-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	14	-150	14	0	AG	2074	3.9	.0	17.0
B. Macarthu NBD	14	0	14	150	AG	3214	3.0	.0	15.3
C. Macarthu NBL	9	-150	0	0	AG	113	4.8	.0	10.0
D. Macarthu SBA	-18	150	-18	0	AG	2364	4.4	.0	17.0
E. Macarthu SBD	-18	0	-18	-150	AG	2288	2.7	.0	13.5
F. Macarthu SBL	-12	150	0	0	AG	499	4.8	.0	10.0
G. San Joaq EBA	-150	-16	0	-16	AG	521	4.4	.0	13.5
H. San Joaq EBD	0	-16	150	-16	AG	884	3.0	.0	11.8
I. San Joaq EBL	-150	-12	0	0	AG	642	5.1	.0	10.0
J. San Joaq WBA	150	9	0	9	AG	840	5.1	.0	13.5
K. San Joaq WBD	0	9	-150	9	AG	714	3.2	.0	10.0
L. San Joaq WBL	150	5	0	0	AG	47	4.8	.0	10.0
M. Macarth NBAX	14	-750	14	-150	AG	2187	2.4	.0	17.0
N. Macarth NBDX	14	150	14	750	AG	3214	2.4	.0	15.3
O. Macarth SBAX	-18	750	-18	150	AG	2863	2.4	.0	17.0
P. Macarth SBDX	-18	-150	-18	-750	AG	2288	2.4	.0	13.5
Q. San Joa EBAX	-750	-16	-150	-16	AG	1163	2.5	.0	13.5
R. San Joa EBDX	150	-16	750	-16	AG	884	2.5	.0	11.8
S. San Joa WBAX	750	9	150	9	AG	887	2.5	.0	13.5
T. San Joa WBDX	-150	9	-750	9	AG	714	2.5	.0	10.0

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

JOB: Newport Beach City Hall
RUN: 2013nP-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	24	-23	1.8
2. NW	-28	15	1.8
3. SW	-26	-24	1.8
4. NE	23	17	1.8
5. ES mdblk	150	-23	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-24	1.8
8. EN mdblk	150	17	1.8
9. SE mdblk	24	-150	1.8
10. NW mdblk	-28	150	1.8
11. SW mdblk	-26	-150	1.8
12. NE mdblk	23	150	1.8
13. ES blk	600	-23	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-24	1.8
16. EN blk	600	17	1.8
17. SE blk	24	-600	1.8
18. NW blk	-28	600	1.8
19. SW blk	-26	-600	1.8
20. NE blk	23	600	1.8

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

JOB: Newport Beach City Hall
RUN: 2013nP-07 (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	347.	1.7	.4	.6	.0	.2	.0	.1	.0	.2
2. NW	10.	1.6	.0	.0	.0	1.1	.0	.0	.0	.0
3. SW	8.	1.9	.0	.0	.0	.8	.2	.1	.1	.0
4. NE	189.	1.7	.7	.3	.0	.0	.0	.0	.0	.0
5. ES mdblk	278.	.9	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	97.	.9	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	78.	1.0	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	262.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	351.	1.6	.9	.0	.0	.2	.0	.0	.0	.0
10. NW mdblk	169.	1.8	.2	.0	.0	1.1	.0	.1	.0	.0
11. SW mdblk	8.	1.4	.0	.2	.0	.1	.7	.0	.0	.0
12. NE mdblk	190.	1.6	.0	1.0	.0	.0	.1	.0	.0	.0
13. ES blk	277.	.7	.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.	.7	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	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.	1.1	.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: Newport Beach City Hall
RUN: 2013nP-07 (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	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
3. SW	.1	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
4. NE	.0	.3	.0	.0	.0	.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	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.6	.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	.3	.1	.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	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
17. SE blk	.0	.0	.0	.0	.7	.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	.7	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.9	.2	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013nP-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	14	-150	14	0	AG	1394	3.7	.0	17.0
B. Macarthu NBD	14	0	14	150	AG	2049	2.6	.0	13.5
C. Macarthu NBL	9	-150	0	0	AG	123	4.8	.0	10.0
D. Macarthu SBA	-14	150	-14	0	AG	2178	4.4	.0	17.0
E. Macarthu SBD	-14	0	-14	-150	AG	2086	2.6	.0	13.5
F. Macarthu SBL	-9	150	0	0	AG	11	4.8	.0	10.0
G. San Migu EBA	-150	-11	0	-11	AG	687	4.9	.0	10.0
H. San Migu EBD	0	-11	150	-11	AG	784	3.2	.0	10.0
I. San Migu EBL	-150	-9	0	0	AG	913	5.2	.0	10.0
J. San Migu WBA	150	12	0	12	AG	272	4.4	.0	13.5
K. San Migu WBD	0	12	-150	12	AG	879	4.2	.0	10.0
L. San Migu WBL	150	9	0	0	AG	220	4.8	.0	10.0
M. Macarth NBAX	14	-750	14	-150	AG	1517	2.4	.0	17.0
N. Macarth NBDX	14	150	14	750	AG	2049	2.4	.0	13.5
O. Macarth SBAX	-14	750	-14	150	AG	2189	2.4	.0	17.0
P. Macarth SBDX	-14	-150	-14	-750	AG	2086	2.4	.0	13.5
Q. San Mig EBAX	-750	-11	-150	-11	AG	1600	2.5	.0	10.0
R. San Mig EBDX	150	-11	750	-11	AG	784	2.5	.0	10.0
S. San Mig WBAX	750	12	150	12	AG	492	2.5	.0	13.5
T. San Mig WBDX	-150	12	-750	12	AG	879	2.5	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Newport Beach City Hall
RUN: 2013nP-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: 2013nP-08 (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.	1.4	.3	.0	.0	.0	.1	.0	.3	.1
2. NW	167.	1.5	.1	.0	.0	.3	.4	.0	.1	.0
3. SW	7.	1.9	.0	.0	.0	.9	.1	.0	.2	.0
4. NE	259.	1.4	.0	.3	.0	.2	.0	.0	.0	.0
5. ES mdblk	276.	.9	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	100.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	77.	1.4	.0	.0	.0	.1	.0	.0	.5	.0
8. EN mdblk	263.	.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	350.	1.2	.6	.0	.0	.2	.0	.0	.0	.0
10. NW mdblk	171.	1.5	.1	.0	.0	1.0	.0	.0	.0	.0
11. SW mdblk	7.	1.2	.0	.0	.0	.1	.6	.0	.0	.0
12. NE mdblk	190.	1.1	.0	.6	.0	.1	.1	.0	.0	.0
13. ES blk	276.	.6	.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.	.9	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	.9	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.0	.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.	1.1	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013nP-08 (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	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.2	.0	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0
4. NE	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.1	.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	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.6	.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	.5	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.1	.7	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.1	.0	.0	.7	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.6	.2	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013nP-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 61. (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= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Margueri NBA	5	-150	5	0	AG	147	4.4	.0	10.0
B. Margueri NBD	5	0	5	150	AG	164	2.9	.0	10.0
C. Margueri NBL	5	-150	0	0	AG	94	4.8	.0	10.0
D. Margueri SBA	-5	150	-5	0	AG	162	4.4	.0	10.0
E. Margueri SBD	-5	0	-5	-150	AG	204	3.0	.0	10.0
F. Margueri SBL	-5	150	0	0	AG	104	4.8	.0	10.0
G. Coast Hi EBA	-150	-9	0	-9	AG	2303	5.0	.0	13.5
H. Coast Hi EBD	0	-9	150	-9	AG	2426	3.6	.0	10.0
I. Coast Hi EBL	-150	-5	0	0	AG	55	4.8	.0	10.0
J. Coast Hi WBA	150	7	0	7	AG	1795	4.9	.0	10.0
K. Coast Hi WBD	0	7	-150	7	AG	1929	3.6	.0	10.0
L. Coast Hi WBL	150	5	0	0	AG	63	4.8	.0	10.0
M. Marguer NBAX	5	-750	5	-150	AG	241	2.5	.0	10.0
N. Marguer NBDX	5	150	5	750	AG	164	2.5	.0	10.0
O. Marguer SBAX	-5	750	-5	150	AG	266	2.5	.0	10.0
P. Marguer SBDX	-5	-150	-5	-750	AG	204	2.5	.0	10.0
Q. Coast H EBAX	-750	-9	-150	-9	AG	2358	2.5	.0	13.5
R. Coast H EBDX	150	-9	750	-9	AG	2426	2.5	.0	10.0
S. Coast H WBAX	750	7	150	7	AG	1858	2.5	.0	10.0
T. Coast H WBDX	-150	7	-750	7	AG	1929	2.5	.0	10.0

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

JOB: Newport Beach City Hall
RUN: 2013nP-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	12	-15	1.8
2. NW	-12	14	1.8
3. SW	-12	-17	1.8
4. NE	12	14	1.8
5. ES mdblk	150	-15	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	12	-150	1.8
10. NW mdblk	-12	150	1.8
11. SW mdblk	-12	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-15	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	12	-600	1.8
18. NW blk	-12	600	1.8
19. SW blk	-12	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Newport Beach City Hall
RUN: 2013nP-09 (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.	1.9	.0	.0	.0	.0	.0	.0	1.2	.2
2. NW	99.	1.7	.0	.0	.0	.0	.0	.0	.0	.2
3. SW	280.	1.8	.0	.0	.0	.0	.0	.0	1.4	.0
4. NE	258.	1.6	.0	.0	.0	.0	.0	.0	.5	.0
5. ES mdblk	278.	1.7	.0	.0	.0	.0	.0	.0	.1	1.0
6. WN mdblk	99.	1.6	.0	.0	.0	.0	.0	.0	.3	.1
7. WS mdblk	81.	1.9	.0	.0	.0	.0	.0	.0	1.4	.0
8. EN mdblk	262.	1.8	.0	.0	.0	.0	.0	.0	.2	.2
9. SE mdblk	353.	.5	.1	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	173.	.5	.0	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	6.	.5	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	187.	.4	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	277.	1.2	.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	83.	1.1	.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	355.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.3	.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.	.3	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013nP-09 (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	.0	.0	.0	.1
2. NW	.0	.9	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0
3. SW	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1
4. NE	.0	.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	1.1	.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	.8	.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	.3	.6	.0
17. SE blk	.0	.0	.0	.0	.1	.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	.0	.0	.0	.0	.0	.0	.0

NEWPORT BEACH CITY HALL AND PARK DEVELOPMENT PLAN

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

OPENING YEAR (2013) WITH PROJECT SCENARIO

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

JOB: Newport Beach City Hall
RUN: 2013wP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Avocado NBA	7	-150	7	0	AG	253	4.6	.0	10.0
B. Avocado NBD	7	0	7	150	AG	383	3.2	.0	10.0
C. Avocado NBL	5	-150	0	0	AG	109	4.8	.0	10.0
D. Avocado SBA	-7	150	-7	0	AG	485	5.1	.0	10.0
E. Avocado SBD	-7	0	-7	-150	AG	320	3.2	.0	10.0
F. Avocado SBL	-5	150	0	0	AG	341	4.8	.0	10.0
G. Coast Hi EBA	-150	-11	0	-11	AG	2487	4.9	.0	17.0
H. Coast Hi EBD	0	-11	150	-11	AG	2920	3.6	.0	13.5
I. Coast Hi EBL	-150	-5	0	0	AG	156	4.8	.0	10.0
J. Coast Hi WBA	150	11	0	11	AG	1834	4.1	.0	17.0
K. Coast Hi WBD	0	11	-150	11	AG	2161	2.9	.0	13.5
L. Coast Hi WBL	150	5	0	0	AG	119	4.8	.0	10.0
M. Avocado NBAX	7	-750	7	-150	AG	362	2.5	.0	10.0
N. Avocado NBDX	7	150	7	750	AG	383	2.5	.0	10.0
O. Avocado SBAX	-7	750	-7	150	AG	826	2.5	.0	10.0
P. Avocado SBDX	-7	-150	-7	-750	AG	320	2.5	.0	10.0
Q. Coast H EBAX	-750	-11	-150	-11	AG	2643	2.5	.0	17.0
R. Coast H EBDX	150	-11	750	-11	AG	2920	2.5	.0	13.5
S. Coast H WBAX	750	11	150	11	AG	1953	2.5	.0	17.0
T. Coast H WBDX	-150	11	-750	11	AG	2161	2.5	.0	13.5

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

JOB: Newport Beach City Hall
RUN: 2013wP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: 2013wP-01 (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.	1.9	.0	.0	.0	.0	.0	.0	1.2	.2
2. NW	99.	1.6	.0	.0	.0	.2	.0	.0	.0	.2
3. SW	79.	1.6	.0	.0	.0	.0	.0	.0	.2	.9
4. NE	256.	1.5	.0	.0	.0	.0	.0	.0	.4	.0
5. ES mdblk	279.	1.8	.0	.0	.0	.0	.0	.0	.1	1.2
6. WN mdblk	99.	1.5	.0	.0	.0	.0	.0	.0	.2	.2
7. WS mdblk	81.	1.9	.0	.0	.0	.0	.0	.0	1.3	.0
8. EN mdblk	261.	1.5	.0	.0	.0	.0	.0	.0	.3	.1
9. SE mdblk	353.	.7	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	171.	.9	.0	.0	.0	.4	.0	.2	.0	.0
11. SW mdblk	6.	.6	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	190.	.7	.0	.2	.0	.1	.0	.1	.1	.0
13. ES blk	278.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.2	.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	263.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	355.	.4	.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.	.5	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013wP-01 (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	.7	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0
3. SW	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
4. NE	.0	.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.1	.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	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.9	.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	.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	.0	.3	.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	.2	.1	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013wP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 61. (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= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Avocado NBA	7	-150	7	0	AG	593	5.2	.0	10.0
B. Avocado NBD	7	0	7	150	AG	101	2.9	.0	10.0
C. Avocado NBL	5	-150	0	0	AG	154	4.8	.0	10.0
D. Avocado SBA	-7	150	-7	0	AG	179	4.4	.0	10.0
E. Avocado SBD	-7	0	-7	-150	AG	554	4.8	.0	10.0
F. Avocado SBL	-5	150	0	0	AG	206	5.1	.0	10.0
G. San Migu EBA	-150	-7	0	-7	AG	853	3.8	.0	10.0
H. San Migu EBD	0	-7	150	-7	AG	1462	2.9	.0	10.0
I. San Migu EBL	-150	-5	0	0	AG	12	4.8	.0	10.0
J. San Migu WBA	150	7	0	7	AG	447	3.6	.0	10.0
K. San Migu WBD	0	7	-150	7	AG	582	2.6	.0	10.0
L. San Migu WBL	150	5	0	0	AG	255	5.1	.0	10.0
M. Avocado NBAX	7	-750	7	-150	AG	747	2.5	.0	10.0
N. Avocado NBDX	7	150	7	750	AG	101	2.5	.0	10.0
O. Avocado SBAX	-7	750	-7	150	AG	385	2.5	.0	10.0
P. Avocado SBDX	-7	-150	-7	-750	AG	554	2.5	.0	10.0
Q. San Mig EBAX	-750	-7	-150	-7	AG	865	2.5	.0	10.0
R. San Mig EBDX	150	-7	750	-7	AG	1462	2.5	.0	10.0
S. San Mig WBAX	750	7	150	7	AG	702	2.5	.0	10.0
T. San Mig WBDX	-150	7	-750	7	AG	582	2.5	.0	10.0

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

JOB: Newport Beach City Hall
RUN: 2013wP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: 2013wP-02 (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.	1.0	.2	.0	.0	.0	.0	.0	.4	.1
2. NW	172.	.8	.1	.0	.0	.0	.3	.0	.1	.0
3. SW	82.	1.1	.1	.0	.0	.0	.2	.0	.0	.5
4. NE	188.	1.0	.4	.0	.0	.0	.1	.0	.0	.1
5. ES mdblk	278.	.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	84.	.8	.0	.0	.0	.0	.0	.0	.4	.0
8. EN mdblk	260.	.8	.0	.0	.0	.0	.0	.0	.0	.2
9. SE mdblk	351.	.8	.5	.0	.0	.0	.1	.0	.0	.0
10. NW mdblk	174.	.6	.0	.0	.0	.1	.0	.1	.0	.0
11. SW mdblk	11.	.7	.2	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	185.	.4	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.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.	.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	.5	.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: Newport Beach City Hall
RUN: 2013wP-02 (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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.1	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.2	.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	.1	.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	.3	.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	.3	.0	.0	.0	.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	.1	.0	.0	.2	.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: Newport Beach City Hall
RUN: 2013wP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Jamboree NBA	7	-150	7	0	AG	365	4.4	.0	10.0
B. Jamboree NBD	7	0	7	150	AG	1482	5.1	.0	10.0
C. Jamboree NBL	5	-150	0	0	AG	44	4.8	.0	10.0
D. Jamboree SBA	-9	150	-9	0	AG	2055	5.2	.0	13.5
E. Jamboree SBD	-9	0	-9	-150	AG	674	3.1	.0	10.0
F. Jamboree SBL	-5	150	0	0	AG	312	5.2	.0	10.0
G. Coast Hi EBA	-150	-18	0	-18	AG	2043	3.9	.0	17.0
H. Coast Hi EBD	0	-18	150	-18	AG	2425	2.8	.0	15.3
I. Coast Hi EBL	-150	-12	0	0	AG	944	5.2	.0	10.0
J. Coast Hi WBA	150	16	0	16	AG	2619	4.1	.0	20.5
K. Coast Hi WBD	0	16	-150	16	AG	4009	3.6	.0	17.0
L. Coast Hi WBL	150	9	0	0	AG	208	4.8	.0	10.0
M. Jambore NBAX	7	-750	7	-150	AG	409	2.4	.0	10.0
N. Jambore NBDX	7	150	7	750	AG	1482	2.4	.0	10.0
O. Jambore SBAX	-9	750	-9	150	AG	2367	2.4	.0	13.5
P. Jambore SBDX	-9	-150	-9	-750	AG	674	2.4	.0	10.0
Q. Coast H EBAX	-750	-18	-150	-18	AG	2987	2.5	.0	17.0
R. Coast H EBDX	150	-18	750	-18	AG	2425	2.5	.0	15.3
S. Coast H WBAX	750	16	150	16	AG	2827	2.5	.0	20.5
T. Coast H WBDX	-150	16	-750	16	AG	4009	2.5	.0	17.0

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

JOB: Newport Beach City Hall
RUN: 2013wP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-27	1.8
2. NW	-17	26	1.8
3. SW	-15	-28	1.8
4. NE	14	28	1.8
5. ES mdblk	150	-27	1.8
6. WN mdblk	-150	26	1.8
7. WS mdblk	-150	-28	1.8
8. EN mdblk	150	28	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	14	150	1.8
13. ES blk	600	-27	1.8
14. WN blk	-600	26	1.8
15. WS blk	-600	-28	1.8
16. EN blk	600	28	1.8
17. SE blk	14	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-15	-600	1.8
20. NE blk	14	600	1.8

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

JOB: Newport Beach City Hall
RUN: 2013wP-03 (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	.1	.6	.0	.4	.0	.1	.0	.4
2. NW	99.	2.6	.0	.2	.0	.6	.0	.0	.0	.0
3. SW	7.	2.4	.0	.2	.0	.8	.1	.1	.4	.0
4. NE	256.	2.6	.0	.5	.0	.4	.0	.0	.1	.0
5. ES mdblk	280.	1.6	.0	.0	.0	.0	.0	.0	.0	.8
6. WN mdblk	99.	2.2	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	75.	1.8	.0	.0	.0	.1	.0	.0	.9	.0
8. EN mdblk	262.	1.9	.0	.0	.0	.0	.0	.0	.1	.0
9. SE mdblk	354.	1.1	.2	.1	.0	.2	.0	.0	.0	.0
10. NW mdblk	168.	2.0	.0	.3	.0	1.3	.0	.2	.0	.0
11. SW mdblk	5.	1.1	.0	.2	.0	.2	.3	.0	.0	.0
12. NE mdblk	193.	1.9	.0	1.0	.0	.5	.0	.1	.0	.0
13. ES blk	278.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	1.4	.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	173.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.1	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013wP-03 (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	.0	.1	.0	.0	.0	.0	.0
2. NW	.0	.9	.3	.0	.0	.0	.0	.0	.0	.2	.1	.0
3. SW	.2	.0	.3	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NE	.1	.2	1.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
5. ES mdblk	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	.0	.1	1.4	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.1	1.0	.2	.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	.1	.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	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.2	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	1.1
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	.8	.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	.7	.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	.3	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013wP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Jamboree NBA	11	-150	11	0	AG	2108	4.4	.0	17.0
B. Jamboree NBD	11	0	11	150	AG	2289	2.7	.0	13.5
C. Jamboree NBL	5	-150	0	0	AG	53	4.8	.0	10.0
D. Jamboree SBA	-14	150	-14	0	AG	1878	4.1	.0	17.0
E. Jamboree SBD	-14	0	-14	-150	AG	1962	2.6	.0	13.5
F. Jamboree SBL	-9	150	0	0	AG	503	5.1	.0	10.0
G. San Joaq EBA	-150	-9	0	-9	AG	84	4.4	.0	11.8
H. San Joaq EBD	0	-9	150	-9	AG	685	3.2	.0	10.0
I. San Joaq EBL	-150	-5	0	0	AG	162	4.8	.0	10.0
J. San Joaq WBA	150	11	0	11	AG	192	4.4	.0	10.0
K. San Joaq WBD	0	11	-150	11	AG	216	3.0	.0	10.0
L. San Joaq WBL	150	9	0	0	AG	172	4.8	.0	10.0
M. Jambore NBAX	11	-750	11	-150	AG	2161	2.4	.0	17.0
N. Jambore NBDX	11	150	11	750	AG	2289	2.4	.0	13.5
O. Jambore SBAX	-14	750	-14	150	AG	2381	2.4	.0	17.0
P. Jambore SBDX	-14	-150	-14	-750	AG	1962	2.4	.0	13.5
Q. San Joa EBAX	-750	-9	-150	-9	AG	246	2.5	.0	11.8
R. San Joa EBDX	150	-9	750	-9	AG	685	2.5	.0	10.0
S. San Joa WBAX	750	11	150	11	AG	364	2.5	.0	10.0
T. San Joa WBDX	-150	11	-750	11	AG	216	2.5	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Newport Beach City Hall
RUN: 2013wP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-15	1.8
2. NW	-24	17	1.8
3. SW	-22	-16	1.8
4. NE	19	17	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	17	1.8
7. WS mdblk	-150	-16	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	17	1.8
15. WS blk	-600	-16	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: Newport Beach City Hall
RUN: 2013wP-04 (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	346.	1.4	.3	.5	.0	.2	.0	.1	.0	.1
2. NW	10.	1.3	.0	.0	.0	.8	.0	.1	.0	.0
3. SW	8.	1.4	.0	.0	.0	.7	.1	.1	.0	.0
4. NE	188.	1.5	.8	.2	.0	.0	.0	.0	.0	.0
5. ES mdblk	279.	.7	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.5	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	260.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	351.	1.6	1.0	.0	.0	.2	.0	.0	.0	.0
10. NW mdblk	170.	1.5	.2	.0	.0	.9	.0	.1	.0	.0
11. SW mdblk	8.	1.2	.0	.1	.0	.0	.6	.0	.0	.0
12. NE mdblk	189.	1.3	.0	.7	.0	.1	.1	.0	.0	.0
13. ES blk	276.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	95.	.3	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.3	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	1.0	.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: Newport Beach City Hall
RUN: 2013wP-04 (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	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.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	.0	.0	.0	.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	.1	.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	.0	.0	.0	.1
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.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	.6	.0	.0	.2	.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	.6	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.7	.2	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013wP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	0	-150	0	0	AG	0	2.4	.0	10.0
B. Macarthu NBD	0	0	0	150	AG	1550	5.2	.0	10.0
C. Macarthu NBL	2	-150	0	0	AG	0	2.4	.0	10.0
D. Macarthu SBA	-9	150	-9	0	AG	1070	5.2	.0	10.0
E. Macarthu SBD	-9	0	-9	-150	AG	0	2.4	.0	10.0
F. Macarthu SBL	-9	150	0	0	AG	988	5.2	.0	10.0
G. Coast Hi EBA	-150	-12	0	-12	AG	1787	3.9	.0	13.5
H. Coast Hi EBD	0	-12	150	-12	AG	2775	3.6	.0	13.5
I. Coast Hi EBL	-150	-9	0	0	AG	557	5.1	.0	10.0
J. Coast Hi WBA	150	7	0	7	AG	2359	4.5	.0	17.0
K. Coast Hi WBD	0	7	-150	7	AG	2436	3.1	.0	13.5
L. Coast Hi WBL	150	2	0	0	AG	0	2.5	.0	10.0
M. Macarth NBAX	0	-750	0	-150	AG	0	2.4	.0	10.0
N. Macarth NBDX	0	150	0	750	AG	1550	2.4	.0	10.0
O. Macarth SBAX	-9	750	-9	150	AG	2058	2.4	.0	10.0
P. Macarth SBDX	-9	-150	-9	-750	AG	0	2.4	.0	10.0
Q. Coast H EBAX	-750	-12	-150	-12	AG	2344	2.5	.0	13.5
R. Coast H EBDX	150	-12	750	-12	AG	2775	2.5	.0	13.5
S. Coast H WBAX	750	7	150	7	AG	2359	2.5	.0	17.0
T. Coast H WBDX	-150	7	-750	7	AG	2436	2.5	.0	13.5

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

JOB: Newport Beach City Hall
RUN: 2013wP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	7	-21	1.8
2. NW	-15	15	1.8
3. SW	-15	-21	1.8
4. NE	7	17	1.8
5. ES mdblk	150	-21	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-21	1.8
8. EN mdblk	150	17	1.8
9. SE mdblk	7	-150	1.8
10. NW mdblk	-15	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	7	150	1.8
13. ES blk	600	-21	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-21	1.8
16. EN blk	600	17	1.8
17. SE blk	7	-600	1.8
18. NW blk	-15	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: Newport Beach City Hall
RUN: 2013wP-05 (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.	2.7	.0	.7	.0	.3	.0	.5	.0	.6
2. NW	98.	2.5	.0	.3	.0	.4	.0	.2	.0	.2
3. SW	8.	2.2	.0	.4	.0	.5	.0	.3	.4	.0
4. NE	256.	2.3	.0	.5	.0	.2	.0	.3	.2	.0
5. ES mdblk	280.	1.9	.0	.0	.0	.0	.0	.0	.0	1.2
6. WN mdblk	97.	1.6	.0	.0	.0	.0	.0	.0	.0	.2
7. WS mdblk	80.	1.8	.0	.0	.0	.0	.0	.0	.9	.0
8. EN mdblk	262.	1.8	.0	.0	.0	.0	.0	.0	.2	.1
9. SE mdblk	358.	.8	.0	.2	.0	.1	.0	.1	.0	.0
10. NW mdblk	167.	2.2	.0	.5	.0	.8	.0	.7	.0	.1
11. SW mdblk	3.	.8	.0	.2	.0	.1	.0	.1	.0	.0
12. NE mdblk	192.	2.0	.0	1.1	.0	.4	.0	.3	.0	.0
13. ES blk	278.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.2	.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.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	359.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	1.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	1.0	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013wP-05 (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	.0	.1	.0	.0	.0	.0	.0
2. NW	.0	1.0	.2	.0	.0	.0	.0	.0	.0	.2	.1	.0
3. SW	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.1	.2	.8	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mdblk	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	1.1	.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	.1	.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	.9	.3	.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	.8	.0	.0	.3
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.7	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.5	.3	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013wP-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	16	-150	16	0	AG	3158	4.4	.0	20.5
B. Macarthu NBD	16	0	16	150	AG	3174	2.7	.0	17.0
C. Macarthu NBL	9	-150	0	0	AG	64	4.8	.0	10.0
D. Macarthu SBA	-19	150	-19	0	AG	2655	4.1	.0	20.5
E. Macarthu SBD	-19	0	-19	-150	AG	2916	2.7	.0	17.0
F. Macarthu SBL	-12	150	0	0	AG	775	5.1	.0	10.0
G. Ford/Bon EBA	-150	-12	0	-12	AG	376	4.4	.0	13.5
H. Ford/Bon EBD	0	-12	150	-12	AG	1578	5.1	.0	10.0
I. Ford/Bon EBL	-150	-9	0	0	AG	27	4.8	.0	10.0
J. Ford/Bon WBA	150	12	0	12	AG	793	4.9	.0	13.5
K. Ford/Bon WBD	0	12	-150	12	AG	426	3.0	.0	10.0
L. Ford/Bon WBL	150	9	0	0	AG	246	4.8	.0	10.0
M. Macarth NBAX	16	-750	16	-150	AG	3222	2.4	.0	20.5
N. Macarth NBDX	16	150	16	750	AG	3174	2.4	.0	17.0
O. Macarth SBAX	-19	750	-19	150	AG	3430	2.4	.0	20.5
P. Macarth SBDX	-19	-150	-19	-750	AG	2916	2.4	.0	17.0
Q. Ford/Bo EBAX	-750	-12	-150	-12	AG	403	2.5	.0	13.5
R. Ford/Bo EBDX	150	-12	750	-12	AG	1578	2.5	.0	10.0
S. Ford/Bo WBAX	750	12	150	12	AG	1039	2.5	.0	13.5
T. Ford/Bo WBDX	-150	12	-750	12	AG	426	2.5	.0	10.0

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

JOB: Newport Beach City Hall
RUN: 2013wP-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	28	-19	1.8
2. NW	-31	19	1.8
3. SW	-29	-21	1.8
4. NE	26	21	1.8
5. ES mdblk	150	-19	1.8
6. WN mdblk	-150	19	1.8
7. WS mdblk	-150	-21	1.8
8. EN mdblk	150	21	1.8
9. SE mdblk	28	-150	1.8
10. NW mdblk	-31	150	1.8
11. SW mdblk	-29	-150	1.8
12. NE mdblk	26	150	1.8
13. ES blk	600	-19	1.8
14. WN blk	-600	19	1.8
15. WS blk	-600	-21	1.8
16. EN blk	600	21	1.8
17. SE blk	28	-600	1.8
18. NW blk	-31	600	1.8
19. SW blk	-29	-600	1.8
20. NE blk	26	600	1.8

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

JOB: Newport Beach City Hall
RUN: 2013wP-06 (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	342.	2.2	.4	.5	.0	.2	.0	.2	.0	.5
2. NW	99.	1.7	.0	.2	.0	.6	.0	.1	.0	.2
3. SW	9.	1.7	.0	.0	.0	.8	.2	.1	.1	.0
4. NE	188.	2.2	1.0	.2	.0	.0	.0	.0	.0	.2
5. ES mdblk	282.	1.6	.0	.0	.0	.1	.0	.0	.0	1.1
6. WN mdblk	96.	.9	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdblk	84.	.9	.0	.0	.0	.0	.0	.0	.2	.1
8. EN mdblk	255.	1.1	.2	.0	.0	.0	.0	.0	.0	.2
9. SE mdblk	350.	2.0	1.3	.0	.0	.2	.0	.0	.0	.0
10. NW mdblk	167.	1.8	.3	.0	.0	1.1	.0	.2	.0	.0
11. SW mdblk	9.	1.5	.0	.1	.0	.1	.8	.0	.0	.0
12. NE mdblk	188.	1.6	.2	.9	.0	.0	.1	.0	.0	.0
13. ES blk	277.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	95.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.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	353.	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.	1.3	.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: Newport Beach City Hall
RUN: 2013wP-06 (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	.0	.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	.2	.1	.0	.0	.0	.0	.0
4. NE	.0	.2	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
5. ES mdblk	.0	.1	.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	.5	.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	.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	.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	.1	.4	.0
17. SE blk	.0	.0	.0	.0	.9	.0	.0	.1	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.9	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.2	.0	.0	.8	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.9	.2	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013wP-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	14	-150	14	0	AG	2146	3.9	.0	17.0
B. Macarthu NBD	14	0	14	150	AG	3279	3.0	.0	15.3
C. Macarthu NBL	9	-150	0	0	AG	113	4.8	.0	10.0
D. Macarthu SBA	-18	150	-18	0	AG	2398	4.4	.0	17.0
E. Macarthu SBD	-18	0	-18	-150	AG	2326	2.7	.0	13.5
F. Macarthu SBL	-12	150	0	0	AG	499	4.8	.0	10.0
G. San Joaq EBA	-150	-16	0	-16	AG	522	4.4	.0	13.5
H. San Joaq EBD	0	-16	150	-16	AG	893	3.0	.0	11.8
I. San Joaq EBL	-150	-12	0	0	AG	643	5.1	.0	10.0
J. San Joaq WBA	150	9	0	9	AG	840	5.1	.0	13.5
K. San Joaq WBD	0	9	-150	9	AG	714	3.2	.0	10.0
L. San Joaq WBL	150	5	0	0	AG	51	4.8	.0	10.0
M. Macarth NBAX	14	-750	14	-150	AG	2259	2.4	.0	17.0
N. Macarth NBDX	14	150	14	750	AG	3279	2.4	.0	15.3
O. Macarth SBAX	-18	750	-18	150	AG	2897	2.4	.0	17.0
P. Macarth SBDX	-18	-150	-18	-750	AG	2326	2.4	.0	13.5
Q. San Joa EBAX	-750	-16	-150	-16	AG	1165	2.5	.0	13.5
R. San Joa EBDX	150	-16	750	-16	AG	893	2.5	.0	11.8
S. San Joa WBAX	750	9	150	9	AG	891	2.5	.0	13.5
T. San Joa WBDX	-150	9	-750	9	AG	714	2.5	.0	10.0

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

JOB: Newport Beach City Hall
RUN: 2013wP-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	24	-23	1.8
2. NW	-28	15	1.8
3. SW	-26	-24	1.8
4. NE	23	17	1.8
5. ES mdblk	150	-23	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-24	1.8
8. EN mdblk	150	17	1.8
9. SE mdblk	24	-150	1.8
10. NW mdblk	-28	150	1.8
11. SW mdblk	-26	-150	1.8
12. NE mdblk	23	150	1.8
13. ES blk	600	-23	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-24	1.8
16. EN blk	600	17	1.8
17. SE blk	24	-600	1.8
18. NW blk	-28	600	1.8
19. SW blk	-26	-600	1.8
20. NE blk	23	600	1.8

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

JOB: Newport Beach City Hall
RUN: 2013wP-07 (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	347.	1.8	.4	.6	.0	.2	.0	.1	.0	.2
2. NW	10.	1.6	.0	.0	.0	1.1	.0	.0	.0	.0
3. SW	8.	1.9	.0	.0	.0	.8	.2	.1	.1	.0
4. NE	189.	1.7	.7	.3	.0	.0	.0	.0	.0	.0
5. ES mdblk	278.	.9	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	97.	.9	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	78.	1.0	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	262.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	351.	1.6	.9	.0	.0	.2	.0	.0	.0	.0
10. NW mdblk	169.	1.8	.2	.0	.0	1.2	.0	.1	.0	.0
11. SW mdblk	8.	1.4	.0	.2	.0	.1	.7	.0	.0	.0
12. NE mdblk	190.	1.6	.0	1.1	.0	.0	.1	.0	.0	.0
13. ES blk	277.	.7	.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.	.7	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.6	.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.	1.2	.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.	1.4	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013wP-07 (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	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
3. SW	.1	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
4. NE	.0	.3	.0	.0	.0	.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	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.6	.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	.3	.1	.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	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
17. SE blk	.0	.0	.0	.0	.7	.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	.7	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.9	.2	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013wP-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	14	-150	14	0	AG	1394	3.7	.0	17.0
B. Macarthu NBD	14	0	14	150	AG	2122	2.7	.0	13.5
C. Macarthu NBL	9	-150	0	0	AG	124	4.8	.0	10.0
D. Macarthu SBA	-14	150	-14	0	AG	2215	4.4	.0	17.0
E. Macarthu SBD	-14	0	-14	-150	AG	2086	2.6	.0	13.5
F. Macarthu SBL	-9	150	0	0	AG	11	4.8	.0	10.0
G. San Migu EBA	-150	-11	0	-11	AG	698	4.9	.0	10.0
H. San Migu EBD	0	-11	150	-11	AG	795	3.2	.0	10.0
I. San Migu EBL	-150	-9	0	0	AG	986	5.2	.0	10.0
J. San Migu WBA	150	12	0	12	AG	284	4.4	.0	13.5
K. San Migu WBD	0	12	-150	12	AG	929	4.2	.0	10.0
L. San Migu WBL	150	9	0	0	AG	220	4.8	.0	10.0
M. Macarth NBAX	14	-750	14	-150	AG	1518	2.4	.0	17.0
N. Macarth NBDX	14	150	14	750	AG	2122	2.4	.0	13.5
O. Macarth SBAX	-14	750	-14	150	AG	2226	2.4	.0	17.0
P. Macarth SBDX	-14	-150	-14	-750	AG	2086	2.4	.0	13.5
Q. San Mig EBAX	-750	-11	-150	-11	AG	1684	2.5	.0	10.0
R. San Mig EBDX	150	-11	750	-11	AG	795	2.5	.0	10.0
S. San Mig WBAX	750	12	150	12	AG	504	2.5	.0	13.5
T. San Mig WBDX	-150	12	-750	12	AG	929	2.5	.0	10.0

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

JOB: Newport Beach City Hall
RUN: 2013wP-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: 2013wP-08 (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	279.	1.4	.3	.0	.0	.0	.1	.0	.3	.1
2. NW	167.	1.6	.1	.0	.0	.3	.4	.0	.1	.0
3. SW	8.	1.9	.0	.0	.0	.9	.2	.0	.2	.0
4. NE	259.	1.4	.0	.3	.0	.3	.0	.0	.1	.0
5. ES mdblk	276.	.9	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	101.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	77.	1.4	.0	.0	.0	.1	.0	.0	.5	.0
8. EN mdblk	263.	.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	350.	1.2	.6	.0	.0	.2	.0	.0	.0	.0
10. NW mdblk	171.	1.5	.1	.0	.0	1.1	.0	.0	.0	.0
11. SW mdblk	7.	1.2	.0	.1	.0	.1	.6	.0	.0	.0
12. NE mdblk	190.	1.2	.0	.7	.0	.1	.1	.0	.0	.0
13. ES blk	276.	.6	.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.	.9	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	.9	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	1.0	.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.	1.1	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013wP-08 (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	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.2	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0
4. NE	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.1	.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	.0	.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	.6	.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	.5	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.1	.7	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.1	.0	.0	.7	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.7	.2	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013wP-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Margueri NBA	5	-150	5	0	AG	147	4.4	.0	10.0
B. Margueri NBD	5	0	5	150	AG	164	2.9	.0	10.0
C. Margueri NBL	5	-150	0	0	AG	94	4.8	.0	10.0
D. Margueri SBA	-5	150	-5	0	AG	162	4.4	.0	10.0
E. Margueri SBD	-5	0	-5	-150	AG	204	3.0	.0	10.0
F. Margueri SBL	-5	150	0	0	AG	104	4.8	.0	10.0
G. Coast Hi EBA	-150	-9	0	-9	AG	2325	5.0	.0	13.5
H. Coast Hi EBD	0	-9	150	-9	AG	2448	3.6	.0	10.0
I. Coast Hi EBL	-150	-5	0	0	AG	55	4.8	.0	10.0
J. Coast Hi WBA	150	7	0	7	AG	1808	5.0	.0	10.0
K. Coast Hi WBD	0	7	-150	7	AG	1942	3.6	.0	10.0
L. Coast Hi WBL	150	5	0	0	AG	63	4.8	.0	10.0
M. Marguer NBAX	5	-750	5	-150	AG	241	2.5	.0	10.0
N. Marguer NBDX	5	150	5	750	AG	164	2.5	.0	10.0
O. Marguer SBAX	-5	750	-5	150	AG	266	2.5	.0	10.0
P. Marguer SBDX	-5	-150	-5	-750	AG	204	2.5	.0	10.0
Q. Coast H EBAX	-750	-9	-150	-9	AG	2380	2.5	.0	13.5
R. Coast H EBDX	150	-9	750	-9	AG	2448	2.5	.0	10.0
S. Coast H WBAX	750	7	150	7	AG	1871	2.5	.0	10.0
T. Coast H WBDX	-150	7	-750	7	AG	1942	2.5	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Newport Beach City Hall
RUN: 2013wP-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	12	-15	1.8
2. NW	-12	14	1.8
3. SW	-12	-17	1.8
4. NE	12	14	1.8
5. ES mdblk	150	-15	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	12	-150	1.8
10. NW mdblk	-12	150	1.8
11. SW mdblk	-12	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-15	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	12	-600	1.8
18. NW blk	-12	600	1.8
19. SW blk	-12	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Newport Beach City Hall
RUN: 2013wP-09 (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.	2.0	.0	.0	.0	.0	.0	.0	1.2	.2
2. NW	99.	1.7	.0	.0	.0	.0	.0	.0	.0	.2
3. SW	280.	1.8	.0	.0	.0	.0	.0	.0	1.4	.0
4. NE	258.	1.7	.0	.0	.0	.0	.0	.0	.5	.0
5. ES mdblk	279.	1.7	.0	.0	.0	.0	.0	.0	.0	1.1
6. WN mdblk	99.	1.6	.0	.0	.0	.0	.0	.0	.3	.1
7. WS mdblk	81.	1.9	.0	.0	.0	.0	.0	.0	1.4	.0
8. EN mdblk	262.	1.8	.0	.0	.0	.0	.0	.0	.2	.2
9. SE mdblk	353.	.5	.1	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	173.	.5	.0	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	6.	.5	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	187.	.4	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	277.	1.2	.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	83.	1.1	.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	355.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.3	.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.	.3	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: 2013wP-09 (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	.0	.0	.0	.1
2. NW	.0	1.0	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0
3. SW	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1
4. NE	.0	.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	1.1	.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	.8	.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	.3	.6	.0
17. SE blk	.0	.0	.0	.0	.1	.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	.0	.0	.0	.0	.0	.0	.0

NEWPORT BEACH CITY HALL AND PARK DEVELOPMENT PLAN

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

GENERAL PLAN BUILDOUT WITHOUT PROJECT SCENARIO

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

JOB: Newport Beach City Hall
RUN: GPnP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 61. (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= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Avocado NBA	7	-150	7	0	AG	270	1.7	.0	10.0
B. Avocado NBD	7	0	7	150	AG	340	1.3	.0	10.0
C. Avocado NBL	5	-150	0	0	AG	160	1.8	.0	10.0
D. Avocado SBA	-7	150	-7	0	AG	450	1.9	.0	10.0
E. Avocado SBD	-7	0	-7	-150	AG	420	1.6	.0	10.0
F. Avocado SBL	-5	150	0	0	AG	370	1.8	.0	10.0
G. Coast Hi EBA	-150	-11	0	-11	AG	1840	1.6	.0	17.0
H. Coast Hi EBD	0	-11	150	-11	AG	2290	1.2	.0	13.5
I. Coast Hi EBL	-150	-5	0	0	AG	170	1.8	.0	10.0
J. Coast Hi WBA	150	11	0	11	AG	1870	1.6	.0	17.0
K. Coast Hi WBD	0	11	-150	11	AG	2270	1.2	.0	13.5
L. Coast Hi WBL	150	5	0	0	AG	190	1.8	.0	10.0
M. Avocado NBAX	7	-750	7	-150	AG	430	1.0	.0	10.0
N. Avocado NBDX	7	150	7	750	AG	340	1.0	.0	10.0
O. Avocado SBAX	-7	750	-7	150	AG	820	1.0	.0	10.0
P. Avocado SBDX	-7	-150	-7	-750	AG	420	1.0	.0	10.0
Q. Coast H EBAX	-750	-11	-150	-11	AG	2010	1.0	.0	17.0
R. Coast H EBDX	150	-11	750	-11	AG	2290	1.0	.0	13.5
S. Coast H WBAX	750	11	150	11	AG	2060	1.0	.0	17.0
T. Coast H WBDX	-150	11	-750	11	AG	2270	1.0	.0	13.5

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

JOB: Newport Beach City Hall
RUN: GPnP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: GPnP-01 (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.	.6	.0	.0	.0	.0	.0	.0	.3	.0
2. NW	98.	.6	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	80.	.5	.0	.0	.0	.0	.0	.0	.0	.2
4. NE	260.	.5	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	279.	.6	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	98.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	81.	.6	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	261.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	.3	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.3	.0	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	6.	.3	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	188.	.3	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	278.	.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.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.2	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPnP-01 (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	.0	.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	.3	.0	.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	.3	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.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	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPnP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 61. (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= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Avocado NBA	7	-150	7	0	AG	660	1.9	.0	10.0
B. Avocado NBD	7	0	7	150	AG	110	1.2	.0	10.0
C. Avocado NBL	5	-150	0	0	AG	70	1.8	.0	10.0
D. Avocado SBA	-7	150	-7	0	AG	200	1.7	.0	10.0
E. Avocado SBD	-7	0	-7	-150	AG	680	1.8	.0	10.0
F. Avocado SBL	-5	150	0	0	AG	240	1.9	.0	10.0
G. San Migu EBA	-150	-7	0	-7	AG	830	1.5	.0	10.0
H. San Migu EBD	0	-7	150	-7	AG	1570	1.2	.0	10.0
I. San Migu EBL	-150	-5	0	0	AG	10	1.8	.0	10.0
J. San Migu WBA	150	7	0	7	AG	710	1.4	.0	10.0
K. San Migu WBD	0	7	-150	7	AG	720	1.1	.0	10.0
L. San Migu WBL	150	5	0	0	AG	360	1.9	.0	10.0
M. Avocado NBAX	7	-750	7	-150	AG	730	1.0	.0	10.0
N. Avocado NBDX	7	150	7	750	AG	110	1.0	.0	10.0
O. Avocado SBAX	-7	750	-7	150	AG	440	1.0	.0	10.0
P. Avocado SBDX	-7	-150	-7	-750	AG	680	1.0	.0	10.0
Q. San Mig EBAX	-750	-7	-150	-7	AG	840	1.0	.0	10.0
R. San Mig EBDX	150	-7	750	-7	AG	1570	1.0	.0	10.0
S. San Mig WBAX	750	7	150	7	AG	1070	1.0	.0	10.0
T. San Mig WBDX	-150	7	-750	7	AG	720	1.0	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Newport Beach City Hall
RUN: GPnP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: GPnP-02 (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.	.4	.0	.0	.0	.0	.0	.0	.1	.0
2. NW	98.	.4	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	82.	.5	.0	.0	.0	.0	.0	.0	.0	.2
4. NE	188.	.4	.2	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	278.	.4	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	97.	.3	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.3	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	260.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	351.	.3	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	174.	.2	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	11.	.3	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	185.	.2	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.3	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	185.	.1	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPnP-02 (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	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.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	.1	.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	.2	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.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	.1	.0	.0	.0	.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	.1	.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: Newport Beach City Hall
RUN: GPnP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Jamboree NBA	7	-150	7	0	AG	500	1.7	.0	10.0
B. Jamboree NBD	7	0	7	150	AG	1370	1.8	.0	10.0
C. Jamboree NBL	5	-150	0	0	AG	40	1.8	.0	10.0
D. Jamboree SBA	-9	150	-9	0	AG	2440	1.9	.0	13.5
E. Jamboree SBD	-9	0	-9	-150	AG	880	1.5	.0	10.0
F. Jamboree SBL	-5	150	0	0	AG	130	1.8	.0	10.0
G. Coast Hi EBA	-150	-18	0	-18	AG	1610	1.5	.0	17.0
H. Coast Hi EBD	0	-18	150	-18	AG	1850	1.1	.0	15.3
I. Coast Hi EBL	-150	-12	0	0	AG	870	1.9	.0	10.0
J. Coast Hi WBA	150	16	0	16	AG	2430	1.6	.0	20.5
K. Coast Hi WBD	0	16	-150	16	AG	4150	1.4	.0	17.0
L. Coast Hi WBL	150	9	0	0	AG	230	1.8	.0	10.0
M. Jambore NBAX	7	-750	7	-150	AG	540	1.0	.0	10.0
N. Jambore NBDX	7	150	7	750	AG	1370	1.0	.0	10.0
O. Jambore SBAX	-9	750	-9	150	AG	2570	1.0	.0	13.5
P. Jambore SBDX	-9	-150	-9	-750	AG	880	1.0	.0	10.0
Q. Coast H EBAX	-750	-18	-150	-18	AG	2480	1.0	.0	17.0
R. Coast H EBDX	150	-18	750	-18	AG	1850	1.0	.0	15.3
S. Coast H WBAX	750	16	150	16	AG	2660	1.0	.0	20.5
T. Coast H WBDX	-150	16	-750	16	AG	4150	1.0	.0	17.0

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

JOB: Newport Beach City Hall
RUN: GPnP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-27	1.8
2. NW	-17	26	1.8
3. SW	-15	-28	1.8
4. NE	14	28	1.8
5. ES mdblk	150	-27	1.8
6. WN mdblk	-150	26	1.8
7. WS mdblk	-150	-28	1.8
8. EN mdblk	150	28	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	14	150	1.8
13. ES blk	600	-27	1.8
14. WN blk	-600	26	1.8
15. WS blk	-600	-28	1.8
16. EN blk	600	28	1.8
17. SE blk	14	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-15	-600	1.8
20. NE blk	14	600	1.8

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

JOB: Newport Beach City Hall
RUN: GPnP-03 (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.	.7	.0	.2	.0	.2	.0	.0	.0	.1
2. NW	99.	1.0	.0	.0	.0	.3	.0	.0	.0	.0
3. SW	7.	.9	.0	.0	.0	.3	.0	.0	.1	.0
4. NE	259.	1.0	.0	.2	.0	.2	.0	.0	.0	.0
5. ES mdblk	280.	.6	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	99.	.8	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	75.	.6	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	262.	.7	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	.5	.1	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	170.	.8	.0	.0	.0	.5	.0	.0	.0	.0
11. SW mdblk	5.	.5	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	193.	.7	.0	.3	.0	.2	.0	.0	.0	.0
13. ES blk	278.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	.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	354.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.3	.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: Newport Beach City Hall
RUN: GPnP-03 (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	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.4	.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	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.1	.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	.2	.0	.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	.3	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.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	.3	.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	.2	.1	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPnP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Jamboree NBA	11	-150	11	0	AG	2090	1.6	.0	17.0
B. Jamboree NBD	11	0	11	150	AG	2770	1.4	.0	13.5
C. Jamboree NBL	5	-150	0	0	AG	80	1.8	.0	10.0
D. Jamboree SBA	-14	150	-14	0	AG	2540	1.8	.0	17.0
E. Jamboree SBD	-14	0	-14	-150	AG	2630	1.2	.0	13.5
F. Jamboree SBL	-9	150	0	0	AG	610	1.9	.0	10.0
G. San Joaq EBA	-150	-9	0	-9	AG	70	1.7	.0	11.8
H. San Joaq EBD	0	-9	150	-9	AG	770	1.3	.0	10.0
I. San Joaq EBL	-150	-5	0	0	AG	90	1.8	.0	10.0
J. San Joaq WBA	150	11	0	11	AG	780	1.9	.0	10.0
K. San Joaq WBD	0	11	-150	11	AG	340	1.3	.0	10.0
L. San Joaq WBL	150	9	0	0	AG	250	1.8	.0	10.0
M. Jambore NBAX	11	-750	11	-150	AG	2170	1.0	.0	17.0
N. Jambore NBDX	11	150	11	750	AG	2770	1.0	.0	13.5
O. Jambore SBAX	-14	750	-14	150	AG	3150	1.0	.0	17.0
P. Jambore SBDX	-14	-150	-14	-750	AG	2630	1.0	.0	13.5
Q. San Joa EBAX	-750	-9	-150	-9	AG	160	1.0	.0	11.8
R. San Joa EBDX	150	-9	750	-9	AG	770	1.0	.0	10.0
S. San Joa WBAX	750	11	150	11	AG	1030	1.0	.0	10.0
T. San Joa WBDX	-150	11	-750	11	AG	340	1.0	.0	10.0

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

JOB: Newport Beach City Hall
RUN: GPnP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-15	1.8
2. NW	-24	17	1.8
3. SW	-22	-16	1.8
4. NE	19	17	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	17	1.8
7. WS mdblk	-150	-16	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	17	1.8
15. WS blk	-600	-16	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: Newport Beach City Hall
RUN: GPnP-04 (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	346.	.8	.0	.3	.0	.1	.0	.0	.0	.0
2. NW	10.	.7	.0	.0	.0	.5	.0	.0	.0	.0
3. SW	9.	.7	.0	.0	.0	.4	.0	.0	.0	.0
4. NE	189.	.7	.3	.1	.0	.0	.0	.0	.0	.0
5. ES mdblk	283.	.4	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	95.	.3	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.2	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	260.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	.7	.4	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	169.	.8	.0	.0	.0	.5	.0	.0	.0	.0
11. SW mdblk	8.	.6	.0	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	190.	.7	.0	.4	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	93.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.3	.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.	.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	.5	.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: Newport Beach City Hall
RUN: GPnP-04 (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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.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	.0	.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	.1	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.3	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.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	.3	.1	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPnP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	0	-150	0	0	AG	0	1.0	.0	10.0
B. Macarthu NBD	0	0	0	150	AG	1180	1.9	.0	10.0
C. Macarthu NBL	2	-150	0	0	AG	0	1.0	.0	10.0
D. Macarthu SBA	-9	150	-9	0	AG	780	1.9	.0	10.0
E. Macarthu SBD	-9	0	-9	-150	AG	0	1.0	.0	10.0
F. Macarthu SBL	-9	150	0	0	AG	700	1.9	.0	10.0
G. Coast Hi EBA	-150	-12	0	-12	AG	1540	1.5	.0	13.5
H. Coast Hi EBD	0	-12	150	-12	AG	2240	1.2	.0	13.5
I. Coast Hi EBL	-150	-9	0	0	AG	640	1.9	.0	10.0
J. Coast Hi WBA	150	7	0	7	AG	2210	1.7	.0	17.0
K. Coast Hi WBD	0	7	-150	7	AG	2450	1.2	.0	13.5
L. Coast Hi WBL	150	2	0	0	AG	0	1.0	.0	10.0
M. Macarth NBAX	0	-750	0	-150	AG	0	1.0	.0	10.0
N. Macarth NBDX	0	150	0	750	AG	1180	1.0	.0	10.0
O. Macarth SBAX	-9	750	-9	150	AG	1480	1.0	.0	10.0
P. Macarth SBDX	-9	-150	-9	-750	AG	0	1.0	.0	10.0
Q. Coast H EBAX	-750	-12	-150	-12	AG	2180	1.0	.0	13.5
R. Coast H EBDX	150	-12	750	-12	AG	2240	1.0	.0	13.5
S. Coast H WBAX	750	7	150	7	AG	2210	1.0	.0	17.0
T. Coast H WBDX	-150	7	-750	7	AG	2450	1.0	.0	13.5

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

JOB: Newport Beach City Hall
RUN: GPnP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	7	-21	1.8
2. NW	-15	15	1.8
3. SW	-15	-21	1.8
4. NE	7	17	1.8
5. ES mdblk	150	-21	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-21	1.8
8. EN mdblk	150	17	1.8
9. SE mdblk	7	-150	1.8
10. NW mdblk	-15	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	7	150	1.8
13. ES blk	600	-21	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-21	1.8
16. EN blk	600	17	1.8
17. SE blk	7	-600	1.8
18. NW blk	-15	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: Newport Beach City Hall
RUN: GPnP-05 (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.	.8	.0	.2	.0	.0	.0	.1	.0	.2
2. NW	98.	.8	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	7.	.7	.0	.1	.0	.2	.0	.0	.1	.0
4. NE	257.	.8	.0	.1	.0	.0	.0	.0	.0	.0
5. ES mdblk	279.	.6	.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.	.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	358.	.3	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	167.	.6	.0	.1	.0	.2	.0	.2	.0	.0
11. SW mdblk	3.	.3	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	192.	.6	.0	.3	.0	.0	.0	.0	.0	.0
13. ES blk	278.	.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	82.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	359.	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	1.	.0	.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: Newport Beach City Hall
RUN: GPnP-05 (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	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.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	.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	.3	.1	.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	.3	.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	.0	.0	.0	.0	.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	.0	.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: Newport Beach City Hall
RUN: GPnP-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	16	-150	16	0	AG	2970	1.7	.0	20.5
B. Macarthu NBD	16	0	16	150	AG	3140	1.1	.0	17.0
C. Macarthu NBL	9	-150	0	0	AG	80	1.8	.0	10.0
D. Macarthu SBA	-19	150	-19	0	AG	2510	1.6	.0	20.5
E. Macarthu SBD	-19	0	-19	-150	AG	2840	1.1	.0	17.0
F. Macarthu SBL	-12	150	0	0	AG	1040	1.9	.0	10.0
G. Ford/Bon EBA	-150	-12	0	-12	AG	720	1.8	.0	13.5
H. Ford/Bon EBD	0	-12	150	-12	AG	2190	1.9	.0	10.0
I. Ford/Bon EBL	-150	-9	0	0	AG	10	1.8	.0	10.0
J. Ford/Bon WBA	150	12	0	12	AG	1080	1.9	.0	13.5
K. Ford/Bon WBD	0	12	-150	12	AG	520	1.2	.0	10.0
L. Ford/Bon WBL	150	9	0	0	AG	280	1.8	.0	10.0
M. Macarth NBAX	16	-750	16	-150	AG	3050	1.0	.0	20.5
N. Macarth NBDX	16	150	16	750	AG	3140	1.0	.0	17.0
O. Macarth SBAX	-19	750	-19	150	AG	3550	1.0	.0	20.5
P. Macarth SBDX	-19	-150	-19	-750	AG	2840	1.0	.0	17.0
Q. Ford/Bo EBAX	-750	-12	-150	-12	AG	730	1.0	.0	13.5
R. Ford/Bo EBDX	150	-12	750	-12	AG	2190	1.0	.0	10.0
S. Ford/Bo WBAX	750	12	150	12	AG	1360	1.0	.0	13.5
T. Ford/Bo WBDX	-150	12	-750	12	AG	520	1.0	.0	10.0

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

JOB: Newport Beach City Hall
RUN: GPnP-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	28	-19	1.8
2. NW	-31	19	1.8
3. SW	-29	-21	1.8
4. NE	26	21	1.8
5. ES mdblk	150	-19	1.8
6. WN mdblk	-150	19	1.8
7. WS mdblk	-150	-21	1.8
8. EN mdblk	150	21	1.8
9. SE mdblk	28	-150	1.8
10. NW mdblk	-31	150	1.8
11. SW mdblk	-29	-150	1.8
12. NE mdblk	26	150	1.8
13. ES blk	600	-19	1.8
14. WN blk	-600	19	1.8
15. WS blk	-600	-21	1.8
16. EN blk	600	21	1.8
17. SE blk	28	-600	1.8
18. NW blk	-31	600	1.8
19. SW blk	-29	-600	1.8
20. NE blk	26	600	1.8

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

JOB: Newport Beach City Hall
RUN: GPnP-06 (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	342.	.9	.2	.2	.0	.0	.0	.0	.0	.3
2. NW	98.	.7	.0	.0	.0	.2	.0	.0	.0	.0
3. SW	81.	.8	.1	.0	.0	.0	.2	.0	.0	.3
4. NE	188.	.9	.4	.0	.0	.0	.0	.0	.0	.1
5. ES mdblk	283.	.7	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	96.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.4	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	256.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	351.	.8	.5	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	166.	.7	.1	.0	.0	.4	.0	.0	.0	.0
11. SW mdblk	9.	.6	.0	.0	.0	.0	.3	.0	.0	.0
12. NE mdblk	189.	.6	.0	.4	.0	.0	.0	.0	.0	.0
13. ES blk	278.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	.4	.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.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	.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: Newport Beach City Hall
RUN: GPnP-06 (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	.0	.0
4. NE	.0	.1	.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	.0	.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	.3	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.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	.3	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPnP-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 61. (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= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	14	-150	14	0	AG	1820	1.4	.0	17.0
B. Macarthu NBD	14	0	14	150	AG	3380	1.2	.0	15.3
C. Macarthu NBL	9	-150	0	0	AG	20	1.8	.0	10.0
D. Macarthu SBA	-18	150	-18	0	AG	2320	1.7	.0	17.0
E. Macarthu SBD	-18	0	-18	-150	AG	1970	1.1	.0	13.5
F. Macarthu SBL	-12	150	0	0	AG	930	1.9	.0	10.0
G. San Joaq EBA	-150	-16	0	-16	AG	730	1.7	.0	13.5
H. San Joaq EBD	0	-16	150	-16	AG	1580	1.8	.0	11.8
I. San Joaq EBL	-150	-12	0	0	AG	1050	1.9	.0	10.0
J. San Joaq WBA	150	9	0	9	AG	890	1.9	.0	13.5
K. San Joaq WBD	0	9	-150	9	AG	850	1.6	.0	10.0
L. San Joaq WBL	150	5	0	0	AG	20	1.8	.0	10.0
M. Macarth NBAX	14	-750	14	-150	AG	1840	1.0	.0	17.0
N. Macarth NBDX	14	150	14	750	AG	3380	1.0	.0	15.3
O. Macarth SBAX	-18	750	-18	150	AG	3250	1.0	.0	17.0
P. Macarth SBDX	-18	-150	-18	-750	AG	1970	1.0	.0	13.5
Q. San Joa EBAX	-750	-16	-150	-16	AG	1780	1.0	.0	13.5
R. San Joa EBDX	150	-16	750	-16	AG	1580	1.0	.0	11.8
S. San Joa WBAX	750	9	150	9	AG	910	1.0	.0	13.5
T. San Joa WBDX	-150	9	-750	9	AG	850	1.0	.0	10.0

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

JOB: Newport Beach City Hall
RUN: GPnP-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	24	-23	1.8
2. NW	-28	15	1.8
3. SW	-26	-24	1.8
4. NE	23	17	1.8
5. ES mdblk	150	-23	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-24	1.8
8. EN mdblk	150	17	1.8
9. SE mdblk	24	-150	1.8
10. NW mdblk	-28	150	1.8
11. SW mdblk	-26	-150	1.8
12. NE mdblk	23	150	1.8
13. ES blk	600	-23	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-24	1.8
16. EN blk	600	17	1.8
17. SE blk	24	-600	1.8
18. NW blk	-28	600	1.8
19. SW blk	-26	-600	1.8
20. NE blk	23	600	1.8

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

JOB: Newport Beach City Hall
RUN: GPnP-07 (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	347.	.8	.1	.3	.0	.0	.0	.0	.0	.2
2. NW	99.	.7	.0	.0	.0	.2	.0	.0	.0	.0
3. SW	9.	.8	.0	.0	.0	.3	.0	.0	.0	.0
4. NE	256.	.8	.0	.2	.0	.0	.0	.0	.0	.0
5. ES mdblk	279.	.6	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	98.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	76.	.5	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	.6	.3	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	167.	.7	.0	.0	.0	.4	.0	.0	.0	.0
11. SW mdblk	7.	.6	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	193.	.7	.0	.4	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.3	.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.	.3	.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.	.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: Newport Beach City Hall
RUN: GPnP-07 (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	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.1	.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	.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	.2	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
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	.0	.1	.0
17. SE blk	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPnP-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 61. (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= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	14	-150	14	0	AG	1330	1.4	.0	17.0
B. Macarthu NBD	14	0	14	150	AG	1870	1.1	.0	13.5
C. Macarthu NBL	9	-150	0	0	AG	200	1.8	.0	10.0
D. Macarthu SBA	-14	150	-14	0	AG	1960	1.6	.0	17.0
E. Macarthu SBD	-14	0	-14	-150	AG	1850	1.1	.0	13.5
F. Macarthu SBL	-9	150	0	0	AG	10	1.8	.0	10.0
G. San Migu EBA	-150	-11	0	-11	AG	660	1.8	.0	10.0
H. San Migu EBD	0	-11	150	-11	AG	970	1.6	.0	10.0
I. San Migu EBL	-150	-9	0	0	AG	960	1.9	.0	10.0
J. San Migu WBA	150	12	0	12	AG	330	1.7	.0	13.5
K. San Migu WBD	0	12	-150	12	AG	1060	1.8	.0	10.0
L. San Migu WBL	150	9	0	0	AG	300	1.8	.0	10.0
M. Macarth NBAX	14	-750	14	-150	AG	1530	1.0	.0	17.0
N. Macarth NBDX	14	150	14	750	AG	1870	1.0	.0	13.5
O. Macarth SBAX	-14	750	-14	150	AG	1970	1.0	.0	17.0
P. Macarth SBDX	-14	-150	-14	-750	AG	1850	1.0	.0	13.5
Q. San Mig EBAX	-750	-11	-150	-11	AG	1620	1.0	.0	10.0
R. San Mig EBDX	150	-11	750	-11	AG	970	1.0	.0	10.0
S. San Mig WBAX	750	12	150	12	AG	630	1.0	.0	13.5
T. San Mig WBDX	-150	12	-750	12	AG	1060	1.0	.0	10.0

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

JOB: Newport Beach City Hall
RUN: GPnP-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: GPnP-08 (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	280.	.6	.1	.0	.0	.0	.0	.0	.1	.0
2. NW	169.	.6	.0	.0	.0	.1	.2	.0	.0	.0
3. SW	8.	.7	.0	.0	.0	.3	.0	.0	.0	.0
4. NE	260.	.6	.0	.1	.0	.0	.0	.0	.0	.0
5. ES mdblk	277.	.4	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	100.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	77.	.5	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	263.	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	350.	.4	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.5	.0	.0	.0	.3	.0	.0	.0	.0
11. SW mdblk	7.	.5	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	189.	.5	.0	.2	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.3	.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.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.4	.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.	.4	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPnP-08 (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	.0
2. NW	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.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	.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	.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	.0	.0	.0
17. SE blk	.0	.0	.0	.0	.2	.0	.0	.0	.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	.2	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPnP-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 61. (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= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Margueri NBA	5	-150	5	0	AG	240	1.7	.0	10.0
B. Margueri NBD	5	0	5	150	AG	330	1.3	.0	10.0
C. Margueri NBL	5	-150	0	0	AG	90	1.8	.0	10.0
D. Margueri SBA	-5	150	-5	0	AG	170	1.7	.0	10.0
E. Margueri SBD	-5	0	-5	-150	AG	350	1.3	.0	10.0
F. Margueri SBL	-5	150	0	0	AG	250	1.9	.0	10.0
G. Coast Hi EBA	-150	-9	0	-9	AG	1910	1.8	.0	13.5
H. Coast Hi EBD	0	-9	150	-9	AG	2120	1.4	.0	10.0
I. Coast Hi EBL	-150	-5	0	0	AG	60	1.8	.0	10.0
J. Coast Hi WBA	150	7	0	7	AG	1570	1.7	.0	10.0
K. Coast Hi WBD	0	7	-150	7	AG	1630	1.2	.0	10.0
L. Coast Hi WBL	150	5	0	0	AG	140	1.8	.0	10.0
M. Marguer NBAX	5	-750	5	-150	AG	330	1.0	.0	10.0
N. Marguer NBDX	5	150	5	750	AG	330	1.0	.0	10.0
O. Marguer SBAX	-5	750	-5	150	AG	420	1.0	.0	10.0
P. Marguer SBDX	-5	-150	-5	-750	AG	350	1.0	.0	10.0
Q. Coast H EBAX	-750	-9	-150	-9	AG	1970	1.0	.0	13.5
R. Coast H EBDX	150	-9	750	-9	AG	2120	1.0	.0	10.0
S. Coast H WBAX	750	7	150	7	AG	1710	1.0	.0	10.0
T. Coast H WBDX	-150	7	-750	7	AG	1630	1.0	.0	10.0

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

JOB: Newport Beach City Hall
RUN: GPnP-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	12	-15	1.8
2. NW	-12	14	1.8
3. SW	-12	-17	1.8
4. NE	12	14	1.8
5. ES mdblk	150	-15	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	12	-150	1.8
10. NW mdblk	-12	150	1.8
11. SW mdblk	-12	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-15	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	12	-600	1.8
18. NW blk	-12	600	1.8
19. SW blk	-12	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Newport Beach City Hall
RUN: GPnP-09 (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	.4	.0
2. NW	99.	.6	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	79.	.6	.0	.0	.0	.0	.0	.0	.0	.3
4. NE	260.	.5	.0	.0	.0	.0	.0	.0	.1	.0
5. ES mdblk	278.	.6	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	98.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	82.	.6	.0	.0	.0	.0	.0	.0	.4	.0
8. EN mdblk	262.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	.2	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.2	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	7.	.2	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	187.	.2	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.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.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.1	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.2	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPnP-09 (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	.0	.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	.3	.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	.3	.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	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

NEWPORT BEACH CITY HALL AND PARK DEVELOPMENT PLAN

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

GENERAL PLAN BUILDOUT WITH PROJECT SCENARIO

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

JOB: Newport Beach City Hall
RUN: GPwP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Avocado NBA	7	-150	7	0	AG	270	1.7	.0	10.0
B. Avocado NBD	7	0	7	150	AG	383	1.3	.0	10.0
C. Avocado NBL	5	-150	0	0	AG	160	1.8	.0	10.0
D. Avocado SBA	-7	150	-7	0	AG	506	1.9	.0	10.0
E. Avocado SBD	-7	0	-7	-150	AG	420	1.6	.0	10.0
F. Avocado SBL	-5	150	0	0	AG	392	1.8	.0	10.0
G. Coast Hi EBA	-150	-11	0	-11	AG	1840	1.6	.0	17.0
H. Coast Hi EBD	0	-11	150	-11	AG	2312	1.2	.0	13.5
I. Coast Hi EBL	-150	-5	0	0	AG	201	1.9	.0	10.0
J. Coast Hi WBA	150	11	0	11	AG	1882	1.6	.0	17.0
K. Coast Hi WBD	0	11	-150	11	AG	2326	1.2	.0	13.5
L. Coast Hi WBL	150	5	0	0	AG	190	1.8	.0	10.0
M. Avocado NBAX	7	-750	7	-150	AG	430	1.0	.0	10.0
N. Avocado NBDX	7	150	7	750	AG	383	1.0	.0	10.0
O. Avocado SBAX	-7	750	-7	150	AG	898	1.0	.0	10.0
P. Avocado SBDX	-7	-150	-7	-750	AG	420	1.0	.0	10.0
Q. Coast H EBAX	-750	-11	-150	-11	AG	2041	1.0	.0	17.0
R. Coast H EBDX	150	-11	750	-11	AG	2312	1.0	.0	13.5
S. Coast H WBAX	750	11	150	11	AG	2072	1.0	.0	17.0
T. Coast H WBDX	-150	11	-750	11	AG	2326	1.0	.0	13.5

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

JOB: Newport Beach City Hall
RUN: GPwP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: GPwP-01 (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.	.6	.0	.0	.0	.0	.0	.0	.3	.0
2. NW	98.	.6	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	80.	.5	.0	.0	.0	.0	.0	.0	.0	.2
4. NE	260.	.6	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	279.	.6	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	98.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	81.	.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	.0	.0	.0	.0
10. NW mdblk	172.	.4	.0	.0	.0	.1	.0	.0	.0	.0
11. SW mdblk	6.	.3	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	188.	.3	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	278.	.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.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.2	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPwP-01 (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	.0	.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	.3	.0	.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	.3	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.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	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPwP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 61. (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= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Avocado NBA	7	-150	7	0	AG	747	1.9	.0	10.0
B. Avocado NBD	7	0	7	150	AG	118	1.2	.0	10.0
C. Avocado NBL	5	-150	0	0	AG	111	1.8	.0	10.0
D. Avocado SBA	-7	150	-7	0	AG	210	1.7	.0	10.0
E. Avocado SBD	-7	0	-7	-150	AG	753	1.9	.0	10.0
F. Avocado SBL	-5	150	0	0	AG	241	1.9	.0	10.0
G. San Migu EBA	-150	-7	0	-7	AG	848	1.5	.0	10.0
H. San Migu EBD	0	-7	150	-7	AG	1654	1.2	.0	10.0
I. San Migu EBL	-150	-5	0	0	AG	10	1.8	.0	10.0
J. San Migu WBA	150	7	0	7	AG	714	1.4	.0	10.0
K. San Migu WBD	0	7	-150	7	AG	761	1.1	.0	10.0
L. San Migu WBL	150	5	0	0	AG	405	1.9	.0	10.0
M. Avocado NBAX	7	-750	7	-150	AG	858	1.0	.0	10.0
N. Avocado NBDX	7	150	7	750	AG	118	1.0	.0	10.0
O. Avocado SBAX	-7	750	-7	150	AG	451	1.0	.0	10.0
P. Avocado SBDX	-7	-150	-7	-750	AG	753	1.0	.0	10.0
Q. San Mig EBAX	-750	-7	-150	-7	AG	858	1.0	.0	10.0
R. San Mig EBDX	150	-7	750	-7	AG	1654	1.0	.0	10.0
S. San Mig WBAX	750	7	150	7	AG	1119	1.0	.0	10.0
T. San Mig WBDX	-150	7	-750	7	AG	761	1.0	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Newport Beach City Hall
RUN: GPwP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: GPwP-02 (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.	.4	.0	.0	.0	.0	.0	.0	.1	.0
2. NW	172.	.4	.0	.0	.0	.0	.2	.0	.0	.0
3. SW	82.	.5	.0	.0	.0	.0	.0	.0	.0	.2
4. NE	188.	.5	.2	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	278.	.4	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	97.	.3	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.3	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	260.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	351.	.4	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	174.	.3	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	12.	.4	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	185.	.2	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.3	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.1	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	185.	.1	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPwP-02 (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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.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	.1	.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	.2	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.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	.1	.0	.0	.0	.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	.1	.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: Newport Beach City Hall
RUN: GPwP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Jamboree NBA	7	-150	7	0	AG	503	1.7	.0	10.0
B. Jamboree NBD	7	0	7	150	AG	1378	1.8	.0	10.0
C. Jamboree NBL	5	-150	0	0	AG	40	1.8	.0	10.0
D. Jamboree SBA	-9	150	-9	0	AG	2440	1.9	.0	13.5
E. Jamboree SBD	-9	0	-9	-150	AG	883	1.5	.0	10.0
F. Jamboree SBL	-5	150	0	0	AG	130	1.8	.0	10.0
G. Coast Hi EBA	-150	-18	0	-18	AG	1648	1.5	.0	17.0
H. Coast Hi EBD	0	-18	150	-18	AG	1891	1.1	.0	15.3
I. Coast Hi EBL	-150	-12	0	0	AG	870	1.9	.0	10.0
J. Coast Hi WBA	150	16	0	16	AG	2500	1.6	.0	20.5
K. Coast Hi WBD	0	16	-150	16	AG	4212	1.4	.0	17.0
L. Coast Hi WBL	150	9	0	0	AG	233	1.8	.0	10.0
M. Jambore NBAX	7	-750	7	-150	AG	543	1.0	.0	10.0
N. Jambore NBDX	7	150	7	750	AG	1378	1.0	.0	10.0
O. Jambore SBAX	-9	750	-9	150	AG	2570	1.0	.0	13.5
P. Jambore SBDX	-9	-150	-9	-750	AG	883	1.0	.0	10.0
Q. Coast H EBAX	-750	-18	-150	-18	AG	2518	1.0	.0	17.0
R. Coast H EBDX	150	-18	750	-18	AG	1891	1.0	.0	15.3
S. Coast H WBAX	750	16	150	16	AG	2733	1.0	.0	20.5
T. Coast H WBDX	-150	16	-750	16	AG	4212	1.0	.0	17.0

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

JOB: Newport Beach City Hall
RUN: GPwP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-27	1.8
2. NW	-17	26	1.8
3. SW	-15	-28	1.8
4. NE	14	28	1.8
5. ES mdblk	150	-27	1.8
6. WN mdblk	-150	26	1.8
7. WS mdblk	-150	-28	1.8
8. EN mdblk	150	28	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	14	150	1.8
13. ES blk	600	-27	1.8
14. WN blk	-600	26	1.8
15. WS blk	-600	-28	1.8
16. EN blk	600	28	1.8
17. SE blk	14	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-15	-600	1.8
20. NE blk	14	600	1.8

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

JOB: Newport Beach City Hall
RUN: GPwP-03 (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.	.7	.0	.2	.0	.2	.0	.0	.0	.1
2. NW	99.	1.0	.0	.0	.0	.3	.0	.0	.0	.0
3. SW	7.	.9	.0	.0	.0	.3	.0	.0	.1	.0
4. NE	259.	1.0	.0	.2	.0	.2	.0	.0	.0	.0
5. ES mdblk	280.	.6	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	99.	.8	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	75.	.6	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	262.	.7	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	.5	.1	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	170.	.8	.0	.0	.0	.5	.0	.0	.0	.0
11. SW mdblk	5.	.5	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	193.	.7	.0	.3	.0	.2	.0	.0	.0	.0
13. ES blk	278.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	98.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	82.	.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	354.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.3	.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: Newport Beach City Hall
RUN: GPwP-03 (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	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.4	.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	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.1	.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	.2	.0	.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	.3	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.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	.3	.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	.2	.1	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPwP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Jamboree NBA	11	-150	11	0	AG	2098	1.6	.0	17.0
B. Jamboree NBD	11	0	11	150	AG	2820	1.4	.0	13.5
C. Jamboree NBL	5	-150	0	0	AG	80	1.8	.0	10.0
D. Jamboree SBA	-14	150	-14	0	AG	2540	1.8	.0	17.0
E. Jamboree SBD	-14	0	-14	-150	AG	2630	1.2	.0	13.5
F. Jamboree SBL	-9	150	0	0	AG	636	1.9	.0	10.0
G. San Joaq EBA	-150	-9	0	-9	AG	70	1.7	.0	11.8
H. San Joaq EBD	0	-9	150	-9	AG	796	1.3	.0	10.0
I. San Joaq EBL	-150	-5	0	0	AG	90	1.8	.0	10.0
J. San Joaq WBA	150	11	0	11	AG	822	1.9	.0	10.0
K. San Joaq WBD	0	11	-150	11	AG	340	1.3	.0	10.0
L. San Joaq WBL	150	9	0	0	AG	250	1.8	.0	10.0
M. Jambore NBAX	11	-750	11	-150	AG	2178	1.0	.0	17.0
N. Jambore NBDX	11	150	11	750	AG	2820	1.0	.0	13.5
O. Jambore SBAX	-14	750	-14	150	AG	3176	1.0	.0	17.0
P. Jambore SBDX	-14	-150	-14	-750	AG	2630	1.0	.0	13.5
Q. San Joa EBAX	-750	-9	-150	-9	AG	160	1.0	.0	11.8
R. San Joa EBDX	150	-9	750	-9	AG	796	1.0	.0	10.0
S. San Joa WBAX	750	11	150	11	AG	1072	1.0	.0	10.0
T. San Joa WBDX	-150	11	-750	11	AG	340	1.0	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Newport Beach City Hall
RUN: GPwP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	21	-15	1.8
2. NW	-24	17	1.8
3. SW	-22	-16	1.8
4. NE	19	17	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	17	1.8
7. WS mdblk	-150	-16	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	17	1.8
15. WS blk	-600	-16	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: Newport Beach City Hall
RUN: GPwP-04 (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	346.	.8	.0	.3	.0	.1	.0	.0	.0	.0
2. NW	10.	.7	.0	.0	.0	.5	.0	.0	.0	.0
3. SW	9.	.8	.0	.0	.0	.4	.0	.0	.0	.0
4. NE	189.	.7	.3	.1	.0	.0	.0	.0	.0	.0
5. ES mdblk	283.	.4	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	95.	.3	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.3	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	260.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	.7	.4	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	169.	.8	.0	.0	.0	.5	.0	.0	.0	.0
11. SW mdblk	8.	.6	.0	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	190.	.7	.0	.4	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	93.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.3	.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.	.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	.5	.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: Newport Beach City Hall
RUN: GPwP-04 (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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.1	.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	.0	.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	.1	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.3	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.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	.3	.1	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPwP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	0	-150	0	0	AG	0	1.0	.0	10.0
B. Macarthu NBD	0	0	0	150	AG	1181	1.9	.0	10.0
C. Macarthu NBL	2	-150	0	0	AG	0	1.0	.0	10.0
D. Macarthu SBA	-9	150	-9	0	AG	780	1.9	.0	10.0
E. Macarthu SBD	-9	0	-9	-150	AG	0	1.0	.0	10.0
F. Macarthu SBL	-9	150	0	0	AG	700	1.9	.0	10.0
G. Coast Hi EBA	-150	-12	0	-12	AG	1562	1.5	.0	13.5
H. Coast Hi EBD	0	-12	150	-12	AG	2262	1.2	.0	13.5
I. Coast Hi EBL	-150	-9	0	0	AG	640	1.9	.0	10.0
J. Coast Hi WBA	150	7	0	7	AG	2223	1.7	.0	17.0
K. Coast Hi WBD	0	7	-150	7	AG	2462	1.2	.0	13.5
L. Coast Hi WBL	150	2	0	0	AG	0	1.0	.0	10.0
M. Macarth NBAX	0	-750	0	-150	AG	0	1.0	.0	10.0
N. Macarth NBDX	0	150	0	750	AG	1181	1.0	.0	10.0
O. Macarth SBAX	-9	750	-9	150	AG	1480	1.0	.0	10.0
P. Macarth SBDX	-9	-150	-9	-750	AG	0	1.0	.0	10.0
Q. Coast H EBAX	-750	-12	-150	-12	AG	2202	1.0	.0	13.5
R. Coast H EBDX	150	-12	750	-12	AG	2262	1.0	.0	13.5
S. Coast H WBAX	750	7	150	7	AG	2223	1.0	.0	17.0
T. Coast H WBDX	-150	7	-750	7	AG	2462	1.0	.0	13.5

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

JOB: Newport Beach City Hall
RUN: GPwP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	7	-21	1.8
2. NW	-15	15	1.8
3. SW	-15	-21	1.8
4. NE	7	17	1.8
5. ES mdblk	150	-21	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-21	1.8
8. EN mdblk	150	17	1.8
9. SE mdblk	7	-150	1.8
10. NW mdblk	-15	150	1.8
11. SW mdblk	-15	-150	1.8
12. NE mdblk	7	150	1.8
13. ES blk	600	-21	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-21	1.8
16. EN blk	600	17	1.8
17. SE blk	7	-600	1.8
18. NW blk	-15	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: Newport Beach City Hall
RUN: GPwP-05 (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.	.8	.0	.2	.0	.0	.0	.1	.0	.2
2. NW	98.	.8	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	8.	.7	.0	.1	.0	.2	.0	.0	.1	.0
4. NE	257.	.8	.0	.1	.0	.0	.0	.0	.0	.0
5. ES mdblk	279.	.6	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblk	98.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	80.	.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	358.	.3	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	167.	.6	.0	.1	.0	.2	.0	.2	.0	.0
11. SW mdblk	3.	.3	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	192.	.6	.0	.3	.0	.0	.0	.0	.0	.0
13. ES blk	278.	.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	82.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	359.	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	1.	.0	.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: Newport Beach City Hall
RUN: GPwP-05 (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	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.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	.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	.3	.1	.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	.3	.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	.0	.0	.0	.0	.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	.0	.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: Newport Beach City Hall
RUN: GPwP-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	16	-150	16	0	AG	3033	1.7	.0	20.5
B. Macarthu NBD	16	0	16	150	AG	3192	1.1	.0	17.0
C. Macarthu NBL	9	-150	0	0	AG	83	1.8	.0	10.0
D. Macarthu SBA	-19	150	-19	0	AG	2534	1.6	.0	20.5
E. Macarthu SBD	-19	0	-19	-150	AG	2873	1.1	.0	17.0
F. Macarthu SBL	-12	150	0	0	AG	1040	1.9	.0	10.0
G. Ford/Bon EBA	-150	-12	0	-12	AG	723	1.8	.0	13.5
H. Ford/Bon EBD	0	-12	150	-12	AG	2201	1.9	.0	10.0
I. Ford/Bon EBL	-150	-9	0	0	AG	10	1.8	.0	10.0
J. Ford/Bon WBA	150	12	0	12	AG	1080	1.9	.0	13.5
K. Ford/Bon WBD	0	12	-150	12	AG	523	1.2	.0	10.0
L. Ford/Bon WBL	150	9	0	0	AG	286	1.8	.0	10.0
M. Macarth NBAX	16	-750	16	-150	AG	3116	1.0	.0	20.5
N. Macarth NBDX	16	150	16	750	AG	3192	1.0	.0	17.0
O. Macarth SBAX	-19	750	-19	150	AG	3574	1.0	.0	20.5
P. Macarth SBDX	-19	-150	-19	-750	AG	2873	1.0	.0	17.0
Q. Ford/Bo EBAX	-750	-12	-150	-12	AG	733	1.0	.0	13.5
R. Ford/Bo EBDX	150	-12	750	-12	AG	2201	1.0	.0	10.0
S. Ford/Bo WBAX	750	12	150	12	AG	1366	1.0	.0	13.5
T. Ford/Bo WBDX	-150	12	-750	12	AG	523	1.0	.0	10.0

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

JOB: Newport Beach City Hall
RUN: GPwP-06 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	28	-19	1.8
2. NW	-31	19	1.8
3. SW	-29	-21	1.8
4. NE	26	21	1.8
5. ES mdblk	150	-19	1.8
6. WN mdblk	-150	19	1.8
7. WS mdblk	-150	-21	1.8
8. EN mdblk	150	21	1.8
9. SE mdblk	28	-150	1.8
10. NW mdblk	-31	150	1.8
11. SW mdblk	-29	-150	1.8
12. NE mdblk	26	150	1.8
13. ES blk	600	-19	1.8
14. WN blk	-600	19	1.8
15. WS blk	-600	-21	1.8
16. EN blk	600	21	1.8
17. SE blk	28	-600	1.8
18. NW blk	-31	600	1.8
19. SW blk	-29	-600	1.8
20. NE blk	26	600	1.8

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

JOB: Newport Beach City Hall
RUN: GPwP-06 (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	342.	.9	.2	.2	.0	.0	.0	.0	.0	.3
2. NW	98.	.7	.0	.0	.0	.2	.0	.0	.0	.0
3. SW	81.	.8	.1	.0	.0	.0	.2	.0	.0	.3
4. NE	188.	.9	.4	.1	.0	.0	.0	.0	.0	.1
5. ES mdblk	283.	.7	.0	.0	.0	.0	.0	.0	.0	.5
6. WN mdblk	96.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.4	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	256.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	351.	.8	.5	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	166.	.7	.1	.0	.0	.4	.0	.0	.0	.0
11. SW mdblk	9.	.6	.0	.0	.0	.0	.3	.0	.0	.0
12. NE mdblk	189.	.7	.0	.4	.0	.0	.0	.0	.0	.0
13. ES blk	278.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	262.	.4	.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.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	8.	.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: Newport Beach City Hall
RUN: GPwP-06 (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	.0	.0
4. NE	.0	.1	.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	.0	.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	.3	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.1	.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	.3	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPwP-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	14	-150	14	0	AG	1892	1.4	.0	17.0
B. Macarthu NBD	14	0	14	150	AG	3445	1.2	.0	15.3
C. Macarthu NBL	9	-150	0	0	AG	20	1.8	.0	10.0
D. Macarthu SBA	-18	150	-18	0	AG	2354	1.7	.0	17.0
E. Macarthu SBD	-18	0	-18	-150	AG	2008	1.1	.0	13.5
F. Macarthu SBL	-12	150	0	0	AG	930	1.9	.0	10.0
G. San Joaq EBA	-150	-16	0	-16	AG	731	1.7	.0	13.5
H. San Joaq EBD	0	-16	150	-16	AG	1589	1.8	.0	11.8
I. San Joaq EBL	-150	-12	0	0	AG	1051	1.9	.0	10.0
J. San Joaq WBA	150	9	0	9	AG	890	1.9	.0	13.5
K. San Joaq WBD	0	9	-150	9	AG	850	1.6	.0	10.0
L. San Joaq WBL	150	5	0	0	AG	24	1.8	.0	10.0
M. Macarth NBAX	14	-750	14	-150	AG	1912	1.0	.0	17.0
N. Macarth NBDX	14	150	14	750	AG	3445	1.0	.0	15.3
O. Macarth SBAX	-18	750	-18	150	AG	3284	1.0	.0	17.0
P. Macarth SBDX	-18	-150	-18	-750	AG	2008	1.0	.0	13.5
Q. San Joa EBAX	-750	-16	-150	-16	AG	1782	1.0	.0	13.5
R. San Joa EBDX	150	-16	750	-16	AG	1589	1.0	.0	11.8
S. San Joa WBAX	750	9	150	9	AG	914	1.0	.0	13.5
T. San Joa WBDX	-150	9	-750	9	AG	850	1.0	.0	10.0

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

JOB: Newport Beach City Hall
RUN: GPwP-07 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	24	-23	1.8
2. NW	-28	15	1.8
3. SW	-26	-24	1.8
4. NE	23	17	1.8
5. ES mdblk	150	-23	1.8
6. WN mdblk	-150	15	1.8
7. WS mdblk	-150	-24	1.8
8. EN mdblk	150	17	1.8
9. SE mdblk	24	-150	1.8
10. NW mdblk	-28	150	1.8
11. SW mdblk	-26	-150	1.8
12. NE mdblk	23	150	1.8
13. ES blk	600	-23	1.8
14. WN blk	-600	15	1.8
15. WS blk	-600	-24	1.8
16. EN blk	600	17	1.8
17. SE blk	24	-600	1.8
18. NW blk	-28	600	1.8
19. SW blk	-26	-600	1.8
20. NE blk	23	600	1.8

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

JOB: Newport Beach City Hall
RUN: GPwP-07 (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	347.	.8	.1	.3	.0	.0	.0	.0	.0	.2
2. NW	99.	.7	.0	.0	.0	.2	.0	.0	.0	.0
3. SW	9.	.8	.0	.0	.0	.3	.0	.0	.0	.0
4. NE	256.	.8	.0	.2	.0	.0	.0	.0	.0	.0
5. ES mdblk	279.	.6	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	98.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	76.	.5	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	.6	.3	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	167.	.7	.0	.0	.0	.4	.0	.0	.0	.0
11. SW mdblk	8.	.6	.0	.0	.0	.0	.3	.0	.0	.0
12. NE mdblk	193.	.7	.0	.4	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.3	.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.	.3	.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.	.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: Newport Beach City Hall
RUN: GPwP-07 (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	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.1	.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	.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	.2	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
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	.0	.1	.0
17. SE blk	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPwP-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 61. (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= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Macarthu NBA	14	-150	14	0	AG	1330	1.4	.0	17.0
B. Macarthu NBD	14	0	14	150	AG	1943	1.1	.0	13.5
C. Macarthu NBL	9	-150	0	0	AG	201	1.8	.0	10.0
D. Macarthu SBA	-14	150	-14	0	AG	1997	1.6	.0	17.0
E. Macarthu SBD	-14	0	-14	-150	AG	1850	1.1	.0	13.5
F. Macarthu SBL	-9	150	0	0	AG	10	1.8	.0	10.0
G. San Migu EBA	-150	-11	0	-11	AG	671	1.8	.0	10.0
H. San Migu EBD	0	-11	150	-11	AG	981	1.6	.0	10.0
I. San Migu EBL	-150	-9	0	0	AG	1033	1.9	.0	10.0
J. San Migu WBA	150	12	0	12	AG	342	1.7	.0	13.5
K. San Migu WBD	0	12	-150	12	AG	1110	1.8	.0	10.0
L. San Migu WBL	150	9	0	0	AG	300	1.8	.0	10.0
M. Macarth NBAX	14	-750	14	-150	AG	1531	1.0	.0	17.0
N. Macarth NBDX	14	150	14	750	AG	1943	1.0	.0	13.5
O. Macarth SBAX	-14	750	-14	150	AG	2007	1.0	.0	17.0
P. Macarth SBDX	-14	-150	-14	-750	AG	1850	1.0	.0	13.5
Q. San Mig EBAX	-750	-11	-150	-11	AG	1704	1.0	.0	10.0
R. San Mig EBDX	150	-11	750	-11	AG	981	1.0	.0	10.0
S. San Mig WBAX	750	12	150	12	AG	642	1.0	.0	13.5
T. San Mig WBDX	-150	12	-750	12	AG	1110	1.0	.0	10.0

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

JOB: Newport Beach City Hall
RUN: GPwP-08 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

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

JOB: Newport Beach City Hall
RUN: GPwP-08 (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	281.	.6	.1	.0	.0	.0	.0	.0	.0	.1
2. NW	169.	.6	.0	.0	.0	.1	.2	.0	.0	.0
3. SW	8.	.7	.0	.0	.0	.3	.0	.0	.0	.0
4. NE	259.	.6	.0	.1	.0	.0	.0	.0	.0	.0
5. ES mdblk	277.	.5	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	100.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	77.	.5	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	263.	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	350.	.4	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.5	.0	.0	.0	.3	.0	.0	.0	.0
11. SW mdblk	7.	.5	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	190.	.5	.0	.3	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	.3	.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.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	352.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.4	.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.	.4	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPwP-08 (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	.0
2. NW	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.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	.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	.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	.0	.0	.0
17. SE blk	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.3	.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	.0	.0	.0	.0	.0	.0

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

JOB: Newport Beach City Hall
RUN: GPwP-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	61. (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=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Margueri NBA	5	-150	5	0	AG	240	1.7	.0	10.0
B. Margueri NBD	5	0	5	150	AG	330	1.3	.0	10.0
C. Margueri NBL	5	-150	0	0	AG	90	1.8	.0	10.0
D. Margueri SBA	-5	150	-5	0	AG	170	1.7	.0	10.0
E. Margueri SBD	-5	0	-5	-150	AG	350	1.3	.0	10.0
F. Margueri SBL	-5	150	0	0	AG	250	1.9	.0	10.0
G. Coast Hi EBA	-150	-9	0	-9	AG	1932	1.8	.0	13.5
H. Coast Hi EBD	0	-9	150	-9	AG	2142	1.4	.0	10.0
I. Coast Hi EBL	-150	-5	0	0	AG	60	1.8	.0	10.0
J. Coast Hi WBA	150	7	0	7	AG	1583	1.7	.0	10.0
K. Coast Hi WBD	0	7	-150	7	AG	1643	1.2	.0	10.0
L. Coast Hi WBL	150	5	0	0	AG	140	1.8	.0	10.0
M. Marguer NBAX	5	-750	5	-150	AG	330	1.0	.0	10.0
N. Marguer NBDX	5	150	5	750	AG	330	1.0	.0	10.0
O. Marguer SBAX	-5	750	-5	150	AG	420	1.0	.0	10.0
P. Marguer SBDX	-5	-150	-5	-750	AG	350	1.0	.0	10.0
Q. Coast H EBAX	-750	-9	-150	-9	AG	1992	1.0	.0	13.5
R. Coast H EBDX	150	-9	750	-9	AG	2142	1.0	.0	10.0
S. Coast H WBAX	750	7	150	7	AG	1723	1.0	.0	10.0
T. Coast H WBDX	-150	7	-750	7	AG	1643	1.0	.0	10.0

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

JOB: Newport Beach City Hall
RUN: GPwP-09 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	12	-15	1.8
2. NW	-12	14	1.8
3. SW	-12	-17	1.8
4. NE	12	14	1.8
5. ES mdblk	150	-15	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	12	-150	1.8
10. NW mdblk	-12	150	1.8
11. SW mdblk	-12	-150	1.8
12. NE mdblk	12	150	1.8
13. ES blk	600	-15	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	12	-600	1.8
18. NW blk	-12	600	1.8
19. SW blk	-12	-600	1.8
20. NE blk	12	600	1.8

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

JOB: Newport Beach City Hall
RUN: GPwP-09 (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	.4	.0
2. NW	99.	.6	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	79.	.6	.0	.0	.0	.0	.0	.0	.0	.3
4. NE	260.	.5	.0	.0	.0	.0	.0	.0	.1	.0
5. ES mdblk	278.	.6	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdblk	98.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	82.	.6	.0	.0	.0	.0	.0	.0	.4	.0
8. EN mdblk	262.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	.2	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.2	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	7.	.2	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	187.	.2	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	277.	.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.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.1	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.2	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
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JOB: Newport Beach City Hall
RUN: GPwP-09 (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	.0	.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	.3	.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	.3	.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	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0