

JOB: Rocklin Commons  
 RUN: Ex PAP-01 (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A.	Pacific NBA *	9	-150	9	0	* AG	1101	6.8	.0	13.5
B.	Pacific NBD *	9	0	9	150	* AG	725	3.9	.0	10.0
C.	Pacific NBL *	5	-150	0	0	* AG	41	7.5	.0	10.0
D.	Pacific SBA *	-9	150	-9	0	* AG	546	5.8	.0	13.5
E.	Pacific SBD *	-9	0	-9	-150	* AG	1277	4.0	.0	11.8
F.	Pacific SBL *	-5	150	0	0	* AG	130	7.5	.0	10.0
G.	Rocklin EBA *	-150	-9	-9	0	* AG	136	3.8	.0	13.5
H.	Rocklin EBD *	0	-9	0	-9	* AG	885	3.9	.0	11.8
I.	Rocklin EBL *	-150	-5	0	0	* AG	34	7.5	.0	10.0
J.	Rocklin WBA *	150	9	9	0	* AG	380	5.8	.0	11.8
K.	Rocklin WBD *	0	9	-150	9	* AG	210	3.9	.0	10.0
L.	Rocklin WBL *	150	5	0	0	* AG	2	7.5	.0	10.0
M.	Pacific NBA *	9	-750	9	-150	* AG	4	3.6	.0	13.5
N.	Pacific NBD *	9	150	9	750	* AG	4	3.6	.0	10.0
O.	Pacific NBL *	-9	750	-9	150	* AG	4	3.6	.0	13.5
P.	Pacific SBA *	-9	-150	-9	-750	* AG	5	3.6	.0	11.8
Q.	Pacific SBD *	-750	-9	-150	-9	* AG	4	3.6	.0	13.5
R.	Rocklin EBA *	150	-9	-9	750	* AG	4	3.6	.0	11.8
S.	Rocklin EBD *	750	9	9	150	* AG	4	3.6	.0	11.8
T.	Rocklin WBA *	-150	9	-750	9	* AG	3	3.6	.0	10.0

III. RECEPTOR LOCATIONS

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

JOB: Rocklin Commons  
 RUN: Ex PAP-01 (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide



JOB: Rocklin Commons  
 RUN: Ex PAP-02  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLASS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Granite NBR *	7	-150	7	0	AG	49	6.8	.0	10.0
B. Granite NBD *	7	0	7	150	AG	918	6.4	.0	10.0
C. Granite NBL *	5	-150	0	0	AG	23	7.5	.0	10.0
D. Granite SBA *	-9	150	-9	0	AG	411	7.1	.0	11.8
E. Granite SBD *	-9	0	-9	-150	AG	79	4.2	.0	10.0
F. Granite SBL *	-5	150	0	0	AG	543	8.0	.0	10.0
G. Rocklin EBR *	-150	-9	0	-9	AG	880	3.4	.0	13.5
H. Rocklin EBD *	0	-9	150	-9	AG	1435	3.8	.0	11.8
I. Rocklin EBL *	-150	-5	0	0	AG	266	8.0	.0	10.0
J. Rocklin WBA *	150	9	0	9	AG	1578	6.9	.0	13.5
K. Rocklin WBD *	0	9	-150	9	AG	1358	4.0	.0	10.0
L. Rocklin WBL *	150	5	0	0	AG	40	7.5	.0	10.0
M. Granite NBRX *	7	-750	7	-150	AG	72	3.6	.0	10.0
N. Granite NBDX *	7	150	7	750	AG	918	3.6	.0	10.0
O. Granite SBRX *	-9	750	-9	150	AG	954	3.6	.0	11.8
P. Granite SBDX *	-9	-150	-9	-750	AG	79	3.6	.0	10.0
Q. Rocklin EBRX *	-750	-9	-150	-9	AG	1146	3.6	.0	13.5
R. Rocklin EBDX *	150	-9	750	-9	AG	1435	3.6	.0	11.8
S. Rocklin WBRX *	750	9	150	9	AG	1618	3.6	.0	13.5
T. Rocklin WBDX *	-150	9	-750	9	AG	1358	3.6	.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. SE	14	-16	1.8
2. NW	-16	15	1.8
3. SW	-15	-17	1.8
4. NE	14	17	1.8
5. ES mbdlk *	150	-16	1.8
6. WN mbdlk *	-150	15	1.8
7. WS mbdlk *	-150	-17	1.8
8. EN mbdlk *	150	17	1.8
9. SE mbdlk *	14	-130	1.8
10. NW mbdlk *	-16	130	1.8
11. SW mbdlk *	-15	-150	1.8
12. NE mbdlk *	14	150	1.8
13. ES dlk *	600	-16	1.8
14. RN dlk *	-600	15	1.8
15. WS dlk *	-600	-17	1.8
16. EN dlk *	600	17	1.8
17. SE dlk *	14	-600	1.8
18. NW dlk *	-16	600	1.8
19. SW dlk *	-15	-600	1.8
20. NE dlk *	14	600	1.8

JOB: Rocklin Commons  
 RUN: Ex PAP-02  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

JOB: Rocklin Commons  
 RUN: Ex PAP-02  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PREDCONC (PPM)	A	B	C	D	E	F	G	H
1. SE	352.	2.0	.0	.6	.0	.1	.0	.3	.0	.3
2. NW	97.	2.3	.0	.2	.0	.2	.0	.2	.0	.1
3. SW	8.	1.6	.0	.2	.0	.3	.0	.3	.3	.0
4. NE	257.	2.0	.0	.4	.0	.1	.0	.2	.2	.0
5. ES mbdlk	280.	1.5	.0	.0	.0	.0	.0	.0	.0	.7
6. WN mbdlk	96.	1.5	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mbdlk	81.	1.5	.0	.0	.0	.0	.0	.0	.6	.0
8. EN mbdlk	262.	1.9	.0	.0	.0	.0	.0	.0	.1	.1
9. SE mbdlk	357.	.8	.0	.1	.0	.0	.0	.1	.0	.0
10. NW mbdlk	166.	1.3	.0	.3	.0	.4	.0	.4	.0	.0
11. SW mbdlk	5.	.7	.0	.1	.0	.0	.3	.0	.0	.0
12. NE mbdlk	192.	1.4	.0	.8	.0	.2	.0	.3	.0	.0
13. ES bdk	277.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	96.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	83.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	264.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	358.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW bdk	173.	.9	.0	.0	.0	.0	.0	.0	.0	.0
19. SW bdk	3.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bdk	187.	.9	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Ex PAP-02  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.4	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. NW	.0	1.1	.2	.0	.0	.0	.0	.0	.0	.2	.1	.0
3. SW	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NE	.2	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	.0	.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
15. WS bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0
16. EN bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8
17. SE bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW bdk	.0	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
19. SW bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bdk	.0	.0	.0	.0	.0	.5	.2	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Ex PAP-03  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S Z0= 100. CM ALT= 76. (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	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A.	I-80 WB NBA	*	0	-150	0	AG	0	3.4	.0	10.0
B.	I-80 WB NBD	*	0	0	0	AG	0	3.4	.0	10.0
C.	I-80 WB SBA	*	2	-150	0	AG	0	3.4	.0	10.0
D.	I-80 WB SBA	*	-7	150	-7	AG	284	6.7	.0	10.0
E.	I-80 WB SBD	*	-7	0	-7	AG	1211	7.8	.0	10.0
F.	I-80 WB SBL	*	-5	150	0	AG	56	7.5	.0	10.0
G.	Rocklin EBA	*	-150	0	-5	AG	1438	6.9	.0	13.5
H.	Rocklin EBD	*	0	-5	150	AG	919	3.8	.0	10.0
I.	Rocklin EBL	*	-150	0	0	AG	0	3.6	.0	10.0
J.	Rocklin WBA	*	150	0	7	AG	1325	6.3	.0	10.0
K.	Rocklin WBD	*	0	7	-150	AG	1607	4.6	.0	10.0
L.	Rocklin WBL	*	150	0	5	AG	634	8.1	.0	10.0
M.	I-80 WB NBA	*	0	-750	0	AG	0	3.4	.0	10.0
N.	I-80 WB NBD	*	0	150	0	AG	0	3.4	.0	10.0
O.	I-80 WB SBA	*	-7	750	-7	AG	340	3.4	.0	10.0
P.	I-80 WB SBD	*	-7	150	-7	AG	1211	3.4	.0	10.0
Q.	Rocklin EBA	*	-750	-5	-150	AG	1438	3.6	.0	13.5
R.	Rocklin EBD	*	150	-5	750	AG	919	3.6	.0	10.0
S.	Rocklin EBL	*	750	-5	150	AG	1959	3.6	.0	10.0
T.	Rocklin WBA	*	-150	7	-750	AG	1607	3.6	.0	10.0

□

JOB: Rocklin Commons  
 RUN: Ex PAP-03  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. SE	7	-12	1.8
2. NW	-14	14	1.8
3. SW	-14	-14	1.8
4. NE	7	14	1.8
5. ES meblk	150	-12	1.8
6. WN meblk	-150	14	1.8
7. WS meblk	-150	-14	1.8
8. EN meblk	150	14	1.8
9. SE meblk	7	-150	1.8
10. NW meblk	-14	150	1.8
11. SW meblk	-14	-150	1.8
12. NE meblk	7	150	1.8
13. ES blk	600	-12	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	7	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	7	600	1.8

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-03  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	277.	2.3	.0	.0	.0	.4	.0	.0	1.3	.0
2. NW	98.	2.0	.0	.0	.0	.0	.0	.0	.0	.2
3. SW	77.	2.2	.0	.0	.0	.6	.0	.0	.3	.3
4. NE	99.	1.9	.0	.0	.0	.0	.0	.0	.0	.1
5. ES mdblK	277.	1.5	.0	.0	.0	.0	.0	.1	.5	.0
6. WN mdblK	98.	1.8	.0	.0	.0	.0	.0	.4	.0	.0
7. WS mdblK	82.	2.0	.0	.0	.0	.0	.0	1.2	.0	.0
8. EN mdblK	261.	.9	.0	.0	.0	.0	.0	.2	.2	.0
9. SE mdblK	347.	.8	.0	.0	.0	.7	.0	.1	.0	.0
10. NW mdblK	175.	1.6	.0	.0	.0	.3	.2	.0	.0	.0
11. SW mdblK	9.	1.6	.0	.0	.0	1.3	.0	.0	.0	.0
12. NE mdblK	185.	.7	.0	.0	.0	.1	.2	.0	.0	.0
13. ES blk	277.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	97.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	263.	1.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	177.	.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.8	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	185.	.3	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-03  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.2
2. NW	.0	.9	.2	.4	.0	.0	.0	.0	.0	.1	.1	.0
3. SW	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.1	.0	.0
5. ES mdblK	.0	.3	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	.0	1.1	.0	.6	.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	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.8
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.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	.0	.0	.0	.0	.3	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Ex PAP-04 (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGHT= 10. DEGREES  
 V= 20= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AVB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. I-80 EB NBA *	9	-150	9	0	* AG	731	7.7	.0	13.5
B. I-80 EB NBD *	9	0	9	150	* AG	359	3.9	.0	10.0
C. I-80 EB NBL *	5	-150	0	0	* AG	614	8.1	.0	10.0
D. I-80 EB SBA *	0	150	0	0	* AG	0	3.4	.0	10.0
E. I-80 EB SBD *	0	0	0	-150	* AG	0	3.4	.0	10.0
F. I-80 EB SBL *	-2	150	0	0	* AG	682	3.6	.0	10.0
G. Rocklin EBA *	-150	-7	0	-7	* AG	1412	4.2	.0	10.0
H. Rocklin EBD *	0	-7	150	0	* AG	237	8.0	.0	10.0
I. Rocklin EBL *	-150	-5	0	0	* AG	1466	5.7	.0	13.5
J. Rocklin WBA *	150	0	5	* AG	1959	4.0	.0	11.8	
K. Rocklin WBD *	0	5	-150	0	* AG	0	3.6	.0	10.0
L. Rocklin WBL *	150	2	0	0	* AG	1345	3.4	.0	13.5
M. I-80 EB NBA *	9	-750	9	-150	* AG	359	3.4	.0	10.0
N. I-80 EB NBD *	9	150	9	750	* AG	0	3.4	.0	10.0
O. I-80 EB NBL *	0	750	0	150	* AG	0	3.4	.0	10.0
P. I-80 EB SBA *	0	-150	0	-750	* AG	0	3.4	.0	10.0
Q. Rocklin EBA *	-750	-7	-150	-7	* AG	919	3.6	.0	10.0
R. Rocklin EBD *	150	-7	750	0	* AG	1466	3.6	.0	13.5
S. Rocklin EBL *	750	5	150	5	* AG	1959	3.6	.0	11.8
T. Rocklin WBA *	-150	5	-750	5	* AG	0	3.6	.0	10.0

JOB: Rocklin Commons  
 RUN: Ex PAP-04 (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. SE	17	-14	1.8
2. NW	-7	13	1.8
3. SW	-7	-14	1.8
4. NE	15	14	1.8
5. ES meblk *	150	-14	1.8
6. WN meblk *	-150	13	1.8
7. WS meblk *	-150	-14	1.8
8. EN meblk *	150	14	1.8
9. SE meblk *	17	-130	1.8
10. NW meblk *	-7	150	1.8
11. SW meblk *	-7	-150	1.8
12. NE meblk *	15	150	1.8
13. ES blk *	600	-14	1.8
14. WN blk *	-600	13	1.8
15. WS blk *	-600	-14	1.8
16. EN blk *	600	14	1.8
17. SE blk *	17	-600	1.8
18. NW blk *	-7	600	1.8
19. SW blk *	-7	-600	1.8
20. NE blk *	15	600	1.8





JOB: Rocklin Commons  
 RUN: Ex PAP-05  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLASS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A.	Domingue NBA	4	-150	4	0	AG	71	5.3	.0	10.0
B.	Domingue NBD	4	-150	4	150	AG	84	3.7	.0	10.0
C.	Domingue NBL	2	-150	0	0	AG	40	7.5	.0	10.0
D.	Domingue SBA	-4	150	-4	0	AG	182	5.3	.0	10.0
E.	Domingue SBD	-4	0	-4	-150	AG	112	3.7	.0	10.0
F.	Domingue SBL	-2	150	0	0	AG	49	7.5	.0	10.0
G.	Pacific EBA	-150	-7	0	-7	AG	451	7.1	.0	10.0
H.	Pacific EBD	0	-7	150	-7	AG	512	4.3	.0	10.0
I.	Pacific EBL	-150	-5	0	0	AG	31	7.5	.0	10.0
J.	Pacific MBA	150	7	0	7	AG	510	8.1	.0	10.0
K.	Pacific MBD	0	7	-150	7	AG	654	7.8	.0	10.0
L.	Pacific MBL	150	5	0	0	AG	28	7.5	.0	10.0
M.	Domingu NBA	4	-750	4	-150	AG	111	3.6	.0	10.0
N.	Domingu NBD	4	150	4	750	AG	84	3.6	.0	10.0
O.	Domingu NBL	-4	750	-4	150	AG	231	3.6	.0	10.0
P.	Domingu SBA	-4	-150	-4	-750	AG	112	3.6	.0	10.0
Q.	Pacific EBA	-750	-7	-150	-7	AG	482	3.6	.0	10.0
R.	Pacific EBD	150	-7	750	-7	AG	512	3.6	.0	10.0
S.	Pacific EBL	750	7	150	7	AG	538	3.6	.0	10.0
T.	Pacific MBA	-150	7	-750	7	AG	654	3.6	.0	10.0

□

JOB: Rocklin Commons  
 RUN: Ex PAP-05  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. SE	10	-14	1.8
2. NW	-10	14	1.8
3. SW	-10	-14	1.8
4. NE	10	14	1.8
5. ES mbdlk	150	-14	1.8
6. WN mbdlk	-150	14	1.8
7. WS mbdlk	-150	-14	1.8
8. EN mbdlk	150	14	1.8
9. SE mbdlk	10	-150	1.8
10. NW mbdlk	-10	150	1.8
11. SW mbdlk	-10	-150	1.8
12. NE mbdlk	10	150	1.8
13. ES b1k	600	-14	1.8
14. WN b1k	-600	14	1.8
15. WS b1k	-600	-14	1.8
16. EN b1k	600	14	1.8
17. SE b1k	10	-600	1.8
18. NW b1k	-10	600	1.8
19. SW b1k	-10	-600	1.8
20. NE b1k	10	600	1.8

□

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

JOB: Rocklin Commons  
 RUN: Ex PAP-05  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	* BRG (DEG)	* CONC (PPM)	* PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	279	.9	.9	.0	.0	.0	.0	.0	.0	.4	.0
2. NW	261	1.0	1.0	.0	.0	.0	.0	.0	.0	.1	.0
3. SW	280	.8	.8	.0	.0	.0	.0	.0	.0	.5	.0
4. NE	262	1.1	1.1	.0	.0	.0	.0	.0	.0	.1	.0
5. ES mbdlk	277	.8	.8	.0	.0	.0	.0	.0	.0	.3	.0
6. WN mbdlk	98	1.1	1.1	.0	.0	.0	.0	.0	.0	.1	.0
7. WS mbdlk	82	.9	.9	.0	.0	.0	.0	.0	.0	.5	.0
8. EN mbdlk	263	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	354	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	174	.4	.4	.0	.0	.0	.2	.0	.0	.0	.0
11. SW mbdlk	5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	187	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0
13. ES bdk	276	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	96	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	84	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	264	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	355	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
18. NW bdk	175	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW bdk	4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bdk	186	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0

□

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

JOB: Rocklin Commons  
 RUN: Ex PAP-05  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

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

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

□

JOB: Rocklin Commons  
 RUN: Ex PAP-06 (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

DESCRIPTION	LINK	X1	Y1	X2	Y2	TYPE	VPH	EF	H	W
A. Granite NBA *	7	-150	7	0	0	AG	370	5.3	.0	10.0
B. Granite NBD *	7	0	7	150	0	AG	448	3.8	.0	10.0
C. Granite NBI *	5	-150	0	0	0	AG	30	7.5	.0	10.0
D. Granite SBA *	-5	150	0	0	0	AG	319	5.3	.0	13.5
E. Granite SBD *	-5	0	-5	-150	0	AG	337	3.7	.0	11.8
F. Granite SBI *	-2	150	0	0	0	AG	0	3.6	.0	10.0
G. Domingue EBA *	-150	-4	0	-4	0	AG	63	6.8	.0	10.0
H. Domingue EBD *	0	-4	150	0	-4	AG	0	3.6	.0	10.0
I. Domingue EBL *	-150	-2	0	0	0	AG	78	7.5	.0	10.0
J. Domingue WBA *	150	0	0	0	0	AG	0	3.6	.0	10.0
K. Domingue WBD *	0	0	-150	0	0	AG	75	4.2	.0	10.0
L. Domingue WBI *	150	2	0	0	0	AG	0	3.6	.0	10.0
M. Granite NBAX *	7	-750	7	-150	0	AG	400	3.6	.0	10.0
N. Granite NBDX *	7	150	7	750	0	AG	448	3.6	.0	10.0
O. Granite SBAX *	-5	750	-5	150	0	AG	319	3.6	.0	13.5
P. Granite SBDX *	-5	-750	-5	-750	0	AG	337	3.6	.0	11.8
Q. Domingue EBAX *	-750	-4	-150	-4	0	AG	141	3.6	.0	10.0
R. Domingue EBDX *	150	-4	750	-4	0	AG	0	3.6	.0	10.0
S. Domingue WBAX *	750	0	150	0	0	AG	0	3.6	.0	10.0
T. Domingue WBDX *	-150	0	-750	0	0	AG	75	3.6	.0	10.0

JOB: Rocklin Commons  
 RUN: Ex PAP-06 (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-06  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRD CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	187.	.5	.3	.0	.0	.0	.0	.0	.0	.0
2. NW	172.	.5	.0	.0	.0	.2	.0	.0	.0	.0
3. SW	7.	.5	.0	.0	.0	.2	.0	.0	.0	.0
4. NE	187.	.5	.3	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	272.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	99.	.3	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	80.	.3	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	268.	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	353.	.5	.3	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	173.	.5	.0	.0	.0	.2	.0	.0	.0	.0
11. SW mbdlk	7.	.4	.0	.0	.0	.0	.2	.0	.0	.0
12. NE mbdlk	187.	.5	.0	.2	.0	.0	.0	.0	.0	.0
13. ES bdk	270.	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	93.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	85.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	269.	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	354.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW bdk	174.	.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW bdk	6.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bdk	186.	.4	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-06  
 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	.0
2. NW	.0	.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	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
18. NW bdk	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0
19. SW bdk	.0	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0	.0
20. NE bdk	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Ex PAP-07  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES

U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Sierra C NBA	7	-150	7	0	AG	1000	8.1	.0	10.0
B. Sierra C NBD	7	0	7	150	AG	879	6.3	.0	10.0
C. Sierra C NBL	3	-150	0	0	AG	136	7.5	.0	10.0
D. Sierra C SBA	-7	150	-7	0	AG	588	6.8	.0	10.0
E. Sierra C SBD	-7	0	-7	-150	AG	848	6.3	.0	10.0
F. Sierra C SBL	-5	150	0	0	AG	26	7.5	.0	10.0
G. Taylor R EBA	-150	-7	0	-7	AG	423	6.4	.0	10.0
H. Taylor R EBD	0	-7	150	-7	AG	635	4.5	.0	10.0
I. Taylor R EBL	-150	-5	0	0	AG	162	7.5	.0	10.0
J. Taylor R WBA	150	7	7	7	AG	308	6.1	.0	10.0
K. Taylor R WBD	0	7	-150	7	AG	530	4.1	.0	10.0
L. Taylor R WBL	150	5	0	0	AG	268	8.0	.0	10.0
M. Sierra NBDX	7	-750	7	-150	AG	1136	3.6	.0	10.0
N. Sierra NBD	7	150	7	750	AG	879	3.6	.0	10.0
O. Sierra SBDX	-7	750	-7	150	AG	614	3.6	.0	10.0
P. Sierra SBD	-7	-150	-7	-750	AG	848	3.6	.0	10.0
Q. Taylor EBDX	-750	-7	-150	-7	AG	585	3.6	.0	10.0
R. Taylor EBD	150	-7	750	-7	AG	555	3.6	.0	10.0
S. Taylor WBDX	750	7	150	7	AG	577	3.6	.0	10.0
T. Taylor WBD	-150	7	-750	7	AG	530	3.6	.0	10.0

□

JOB: Rocklin Commons  
 RUN: Ex PAP-07  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

RECEPTOR	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 mbdlk	150	-14	1.8
6. WN mbdlk	-150	14	1.8
7. WS mbdlk	-150	-14	1.8
8. EN mbdlk	150	14	1.8
9. SE mbdlk	-150	-150	1.8
10. NW mbdlk	14	150	1.8
11. SW mbdlk	-14	-150	1.8
12. NE mbdlk	14	150	1.8
13. ES dlk	600	-14	1.8
14. WN dlk	-600	14	1.8
15. WS dlk	-600	-14	1.8
16. EN dlk	600	14	1.8
17. SE dlk	14	-600	1.8
18. NW dlk	-14	600	1.8
19. SW dlk	-14	-600	1.8
20. NE dlk	14	600	1.8

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-07  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	350.	1.6	.3	.6	.0	.2	.0	.0	.0	.2
2. NW	170.	1.6	.4	.0	.0	.1	.6	.0	.1	.0
3. SW	81.	1.5	.3	.0	.0	.0	.3	.0	.0	.3
4. NE	188.	1.9	.9	.1	.0	.0	.2	.0	.0	.1
5. ES mdblK	277.	1.0	.0	.0	.0	.0	.0	.0	.1	.4
6. WN mdblK	98.	.9	.0	.0	.0	.0	.0	.0	.1	.0
7. WS mdblK	83.	1.0	.0	.0	.0	.0	.0	.0	.4	.0
8. EN mdblK	262.	1.0	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdblK	392.	1.8	.0	.0	.1	.1	.2	.0	.0	.0
10. NW mdblK	173.	1.3	.2	.2	.0	.6	.0	.0	.0	.0
11. SW mdblK	9.	1.5	.3	.1	.0	.8	.0	.0	.0	.0
12. NE mdblK	187.	1.4	.1	.8	.0	.1	.1	.0	.0	.0
13. ES dlK	276.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlK	96.	.7	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlK	84.	.7	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlK	264.	.7	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlK	354.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dlK	174.	.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dlK	6.	.9	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dlK	186.	.8	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-07  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.1	.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	.2	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0
5. ES mdblK	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	.0	.0	.3	.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	.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 dlK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlK	.0	.0	.0	.0	.6	.0	.0	.2	.0	.0	.0	.0
18. NW dlK	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0
19. SW dlK	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0
20. NE dlK	.0	.0	.0	.0	.0	.5	.1	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-08  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLASS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALN= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VEH	EF	H	W
A.	Sierra C NBA	4	-150	4	0	AG	910	7.9	.0	10.0
B.	Sierra C NBD	4	0	4	150	AG	871	4.6	.0	10.0
C.	Sierra C NBL	2	-150	0	0	AG	0	3.6	.0	10.0
D.	Sierra C SBA	-7	150	-7	0	AG	715	5.6	.0	10.0
E.	Sierra C SBD	-7	0	-7	-150	AG	918	3.8	.0	10.0
F.	Sierra C SBL	-5	150	0	0	AG	86	7.5	.0	10.0
G.	Brace Rd EBA	-150	-2	0	-2	AG	87	6.8	.0	10.0
H.	Brace Rd EBD	0	-2	150	-2	AG	221	4.3	.0	10.0
I.	Brace Rd EBL	-150	-2	0	0	AG	0	3.6	.0	10.0
J.	Brace Rd WBA	150	5	0	5	AG	96	6.8	.0	10.0
K.	Brace Rd WBD	0	5	-150	5	AG	0	3.6	.0	10.0
L.	Brace Rd WBL	150	5	0	0	AG	116	7.5	.0	10.0
M.	Sierra NBA	4	-750	4	-150	AG	910	3.6	.0	10.0
N.	Sierra NBD	4	150	4	750	AG	871	3.6	.0	10.0
O.	Sierra SBA	-7	750	-7	150	AG	801	3.6	.0	10.0
P.	Sierra SBD	-7	-150	-7	-750	AG	918	3.6	.0	10.0
Q.	Brace R EBA	-750	-2	-150	-2	AG	87	3.6	.0	10.0
R.	Brace R EBD	150	-2	750	-2	AG	221	3.6	.0	10.0
S.	Brace R EBL	150	-2	0	0	AG	0	3.6	.0	10.0
T.	Brace R WBA	-150	5	-750	5	AG	0	3.6	.0	10.0

III. RECEPTOR LOCATIONS

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

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-08  
 POLLUTANT: Carbon Monoxide

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-08  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	* BRG * (DEG)	* PREL * CONC * (PPM)	A	B	C	CONC/LINK (PPM)							
1. SE	188	1.3	1.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
2. NW	171	1.1	.4	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0
3. SW	8	1.0	.9	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0
4. NE	187	1.4	.9	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
5. ES mbdlk	279	.5	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
6. WN mbdlk	94	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	87	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	260	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	353	1.4	1.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
10. NW mbdlk	173	1.2	.2	.2	.0	.6	.0	.5	.0	.0	.0	.0	.0
11. SW mbdlk	8	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	187	1.1	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
13. ES bdk	276	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	94	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	98	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	264	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	354	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW bdk	174	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW bdk	6	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bdk	186	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-08  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	* BRG * (DEG)	* PREL * CONC * (PPM)	I	J	K	L	CONC/LINK (PPM)							
1. SE	188	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
2. NW	171	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	8	1.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NE	187	1.4	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
5. ES mbdlk	279	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	94	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	87	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	260	.5	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	353	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	173	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	8	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	187	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES bdk	276	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	94	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	98	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	264	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	354	.9	.0	.0	.0	.0	.5	.0	.0	.2	.0	.0	.0	.0
18. NW bdk	174	.8	.0	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
19. SW bdk	6	.9	.0	.0	.0	.0	.0	.0	.2	.0	.5	.0	.0	.0
20. NE bdk	186	.8	.0	.0	.0	.0	.0	.5	.2	.0	.0	.0	.0	.0



JOB: Rocklin Commons  
 RUN: Ex PAP-09  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALTH= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A.	Sierra C NBA	7	-150	7	0	AG	938	8.1	.0	10.0
B.	Sierra C NBD	7	0	7	150	AG	936	7.1	.0	10.0
C.	Sierra C NBL	5	-150	0	0	AG	141	7.5	.0	10.0
D.	Sierra C SBA	-7	150	-7	0	AG	776	7.8	.0	10.0
E.	Sierra C SBD	-7	0	-7	-150	AG	1193	7.1	.0	10.0
F.	Sierra C SBL	-5	150	0	0	AG	106	7.5	.0	10.0
G.	Granite EBA	-150	-9	-9	-9	AG	326	6.1	.0	13.5
H.	Granite EBD	0	-9	150	-9	AG	422	4.0	.0	10.0
I.	Granite EBL	-150	-5	0	0	AG	138	7.5	.0	10.0
J.	Granite MBA	150	7	7	7	AG	170	5.8	.0	10.0
K.	Granite MBD	0	7	-150	7	AG	310	3.9	.0	10.0
L.	Granite MBL	150	5	0	0	AG	266	8.0	.0	10.0
M.	Sierra NBA	7	-750	7	0	AG	1079	3.6	.0	10.0
N.	Sierra NBD	7	150	7	750	AG	936	3.6	.0	10.0
O.	Sierra NBL	-7	750	-7	150	AG	882	3.6	.0	10.0
P.	Sierra SBA	-7	-150	-7	-750	AG	1193	3.6	.0	10.0
Q.	Granite EBA	-750	-9	-150	-9	AG	464	3.6	.0	13.5
R.	Granite EBD	150	-9	750	-9	AG	422	3.6	.0	10.0
S.	Granite EBL	150	7	150	7	AG	456	3.6	.0	10.0
T.	Granite MBA	-150	7	-750	7	AG	310	3.6	.0	10.0

JOB: Rocklin Commons  
 RUN: Ex PAP-09  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. SE	14	-15	1.8
2. NW	-14	14	1.8
3. SW	-14	-17	1.8
4. NE	14	14	1.8
5. ES mdbl	150	-15	1.8
6. WN mdbl	-150	14	1.8
7. WS mdbl	-150	-17	1.8
8. EN mdbl	150	14	1.8
9. SE mdbl	14	-150	1.8
10. NW mdbl	-14	150	1.8
11. SW mdbl	-14	-150	1.8
12. NE mdbl	14	150	1.8
13. ES blk	600	-15	1.8
14. WS blk	-600	14	1.8
15. WN blk	-600	-17	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

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-09  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PREDC CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	350.	1.7	.3	.7	.0	.3	.0	.0	.0	.1
2. NW	171.	1.9	.0	.0	.0	.2	.9	.0	.0	.0
3. SW	10.	1.7	.0	.3	.0	.6	.4	.0	.1	.0
4. NE	189.	1.9	.9	.2	.1	.0	.3	.0	.0	.0
5. ES mbdlk	277.	.8	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mbdlk	97.	.7	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	83.	.8	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mbdlk	261.	.9	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	352.	1.9	.0	.0	.1	.1	.3	.0	.0	.0
10. NW mbdlk	172.	1.7	.3	.2	.0	.9	.0	.1	.0	.0
11. SW mbdlk	8.	1.9	.2	.0	.0	1.2	.0	.0	.0	.0
12. NE mbdlk	188.	1.7	.0	.9	.0	.2	.2	.0	.0	.0
13. ES Dlx	276.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN Dlx	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS Dlx	84.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN Dlx	264.	.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE Dlx	354.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
18. NW Dlx	174.	.9	.0	.0	.0	.0	.0	.0	.0	.0
19. SW Dlx	6.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE Dlx	186.	.9	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-09  
 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	.0
2. NW	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0
5. ES mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES Dlx	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0
14. WN Dlx	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2
15. WS Dlx	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
16. EN Dlx	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
17. SE Dlx	.0	.0	.0	.0	.0	.0	.0	.6	.0	.2	.0	.0	.0
18. NW Dlx	.0	.0	.0	.0	.0	.0	.2	.5	.0	.2	.0	.0	.0
19. SW Dlx	.0	.0	.0	.0	.0	.0	.2	.0	.0	.6	.0	.0	.0
20. NE Dlx	.0	.0	.0	.0	.0	.0	.5	.2	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Ex PAP-10  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VEH	EF	H	W
A.	Sierra C NBR	11	-150	11	0	AG	1354	5.7	.0	17.0
B.	Sierra C NBD	11	0	11	150	AG	1103	3.8	.0	13.5
C.	Sierra C NBL	5	-150	0	0	AG	0	3.6	.0	10.0
D.	Sierra C SBA	-7	150	-7	0	AG	1188	5.6	.0	17.0
E.	Sierra C SBD	-7	0	-7	-150	AG	1598	3.9	.0	13.5
F.	Sierra C SBL	-2	150	0	0	AG	0	3.6	.0	10.0
G.	I-80 WB EBA	-150	0	-5	0	AG	0	3.4	.0	10.0
H.	I-80 WB EBL	0	-5	150	-5	AG	423	4.1	.0	10.0
I.	I-80 WB EBD	-150	0	0	0	AG	0	3.4	.0	10.0
J.	I-80 WB WBA	150	12	0	12	AG	172	6.7	.0	13.5
K.	I-80 WB WBD	0	12	-150	0	AG	0	3.4	.0	10.0
L.	I-80 WB WBL	150	9	0	0	AG	410	8.0	.0	10.0
M.	Sierra NBR	11	-750	11	-150	AG	1354	3.6	.0	17.0
N.	Sierra NBD	11	150	11	750	AG	1103	3.6	.0	13.5
O.	Sierra NBL	-7	750	-7	150	AG	1188	3.6	.0	17.0
P.	Sierra SBA	-7	-150	-7	-750	AG	1598	3.6	.0	13.5
Q.	I-80 WB EBA	-750	-5	-150	-5	AG	0	3.4	.0	10.0
R.	I-80 WB EBL	150	-5	750	-5	AG	423	3.4	.0	10.0
S.	I-80 WB EBD	750	12	150	12	AG	582	3.4	.0	13.5
T.	I-80 WB WBA	-150	12	-750	12	AG	0	3.4	.0	10.0

III. RECEPTOR LOCATIONS

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

JOB: Rocklin Commons  
 RUN: Ex PAP-10  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-10  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	189.	1.3	.9	.0	.0	.0	.1	.0	.0	.0
2. NW	171.	1.2	.2	.0	.0	.2	.5	.0	.0	.0
3. SW	80.	1.3	.3	.0	.0	.0	.4	.0	.0	.2
4. NE	187.	1.5	.7	.1	.0	.0	.1	.0	.0	.0
5. ES mdblK	283.	.7	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdblK	95.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	87.	.4	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	254.	.7	.1	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	352.	1.4	.9	.0	.0	.2	.1	.0	.0	.0
10. NW mdblK	172.	1.3	.2	.0	.0	.7	.0	.0	.0	.0
11. SW mdblK	9.	1.3	.2	.1	.0	.0	.8	.0	.0	.0
12. NE mdblK	186.	1.1	.1	.5	.0	.1	.1	.0	.0	.0
13. ES DLK	277.	.5	.0	.0	.0	.0	.0	.0	.0	.0
14. WN DLK	92.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS DLK	90.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN DLK	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE DLK	353.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
18. NW DLK	173.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW DLK	7.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE DLK	186.	1.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-10  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	189.	1.3	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0
2. NW	171.	1.2	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
3. SW	80.	1.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	187.	1.5	.0	.0	.0	.1	.1	.0	.0	.2	.0	.0	.0	.0
5. ES mdblK	283.	.7	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	95.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	87.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	254.	.7	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	352.	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	172.	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblK	9.	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblK	186.	1.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
13. ES DLK	277.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
14. WN DLK	92.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS DLK	90.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN DLK	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE DLK	353.	1.1	.0	.0	.0	.0	.6	.0	.0	.3	.0	.0	.0	.0
18. NW DLK	173.	1.0	.0	.0	.0	.0	.9	.2	.6	.0	.0	.0	.0	.0
19. SW DLK	7.	1.2	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0
20. NE DLK	186.	1.0	.0	.0	.0	.0	.0	.6	.2	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-11  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 V= 20= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VRH	EF (G/MI)	H (M)	W (M)
A.	Sierra C NBA	9	-150	9	0	AG	1209	5.6	.0	20.5
B.	Sierra C NBD	9	0	9	150	AG	1649	3.8	.0	17.0
C.	Sierra C NBL	2	-150	0	0	AG	0	3.6	.0	10.0
D.	Sierra C SBA	-12	150	-12	0	AG	1110	5.9	.0	13.5
E.	Sierra C SBD	-12	0	-12	-150	AG	1101	3.9	.0	10.0
F.	Sierra C SBL	-9	150	0	0	AG	261	7.1	.0	10.0
G.	I-80 EB EBA	-150	-12	0	-12	AG	449	7.1	.0	13.5
H.	I-80 EB EBD	0	-12	150	-12	AG	818	6.0	.0	10.0
I.	I-80 EB EBL	-150	0	0	0	AG	274	7.5	.0	10.0
J.	I-80 EB MBA	150	7	0	7	AG	379	7.1	.0	10.0
K.	I-80 EB MBD	0	7	-150	0	AG	292	3.9	.0	10.0
L.	I-80 EB MBL	150	5	0	0	AG	178	7.5	.0	10.0
M.	Sierra NBA	9	-750	9	-150	AG	1209	3.6	.0	20.5
N.	Sierra NBD	9	150	9	750	AG	1649	3.6	.0	17.0
O.	Sierra NBL	-12	150	-12	150	AG	1371	3.6	.0	13.5
P.	Sierra SBA	-12	-150	-12	-750	AG	1101	3.6	.0	10.0
Q.	I-80 EB EBA	-750	-12	-150	-12	AG	723	3.4	.0	13.5
R.	I-80 EB EBD	150	-12	750	-12	AG	818	3.4	.0	10.0
S.	I-80 EB EBL	750	7	150	7	AG	557	3.4	.0	10.0
T.	I-80 EB MBA	-150	7	-750	7	AG	292	3.4	.0	10.0

0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-11  
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

JOB: Rocklin Commons  
 RUN: Ex PAP-11  
 POLLUTANT: Carbon Monoxide  
 (WORST CASE ANGLE)

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	349.	1.6	.2	.5	.0	.2	.0	.1	.0	.3
2. NW	99.	1.4	.0	.2	.0	.4	.0	.0	.0	.1
3. SW	7.	1.7	.0	.1	.0	.6	.2	.1	.2	.0
4. NE	187.	1.5	.6	.0	.0	.0	.0	.0	.0	.2
5. ES mbdik	279.	1.2	.0	.0	.0	.0	.0	.0	.0	.7
6. WN mbdik	97.	.8	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mbdik	82.	1.1	.0	.0	.0	.0	.0	.0	.4	.0
8. EN mbdik	261.	1.1	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mbdik	352.	1.3	.7	.0	.0	.2	.0	.0	.0	.0
10. NW mbdik	170.	1.6	.2	.1	.0	.8	.0	.2	.0	.0
11. SW mbdik	7.	1.3	.1	.1	.0	.6	.0	.0	.0	.0
12. NE mbdik	189.	1.3	.0	.7	.0	.1	.1	.0	.0	.0
13. ES bdk	276.	.8	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	84.	.7	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	264.	.7	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	353.	.9	.0	.0	.0	.0	.0	.0	.0	.0
18. NW bdk	173.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW bdk	7.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bdk	187.	1.2	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Ex PAP-11  
 POLLUTANT: Carbon Monoxide  
 (WORST CASE ANGLE)

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

RECEPTOR	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. NW	.0	.3	.0	.1	.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 mbdik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdik	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdik	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdik	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdik	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
12. NE mbdik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.1	.0
14. WN bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2
15. WS bdk	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0
16. EN bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0
17. SE bdk	.0	.0	.0	.0	.5	.0	.0	.2	.0	.0	.0	.0
18. NW bdk	.0	.0	.0	.0	.0	.3	.7	.0	.0	.0	.0	.0
19. SW bdk	.0	.0	.0	.0	.2	.0	.0	.6	.0	.0	.0	.0
20. NE bdk	.0	.0	.0	.0	.0	.8	.2	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Ek PAP-12  
 POLLUTANT: Carbon Monoxide  
 (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CIAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

DESCRIPTION	* LINK COORDINATES (M)	* TYPE	VPH	EF (G/MT)	H (M)	W (M)
	X1 Y1 X2 Y2					
A. Sierra C NBA *	7 -150 7 0	AG	1230	5.6	.0	17.0
B. Sierra C NBD *	7 0 7 150	AG	1227	3.8	.0	15.3
C. Sierra C NBL *	2 -150 0 0	AG	958	5.6	.0	10.0
D. Sierra C SBA *	-9 150 0 0	AG	958	5.6	.0	13.5
E. Sierra C SBL *	-9 0 -9 -150	AG	1113	3.8	.0	13.5
F. Sierra C EBA *	-5 150 0 0	AG	131	7.5	.0	10.0
G. Domingue EBA *	-150 0 0 0	AG	0	3.6	.0	10.0
H. Domingue EBD *	0 0 150 0	AG	215	4.3	.0	10.0
I. Domingue EBL *	-150 -2 0 0	AG	0	3.6	.0	10.0
J. Domingue MBA *	150 11 0 11	AG	81	6.8	.0	10.0
K. Domingue MBD *	0 11 -150 11	AG	0	3.6	.0	10.0
L. Domingue WBL *	150 9 0 0	AG	155	7.5	.0	10.0
M. Sierra NBAX *	7 -750 7 -150	AG	1230	3.6	.0	17.0
N. Sierra NBDX *	7 150 7 750	AG	1227	3.6	.0	15.3
O. Sierra SBAX *	-9 750 -9 150	AG	1089	3.6	.0	13.5
P. Sierra SBDX *	-9 -150 -9 -750	AG	1113	3.6	.0	13.5
Q. Domingu EBAX *	-750 0 -150 0	AG	0	3.6	.0	10.0
R. Domingu EBDX *	150 0 750 0	AG	0	3.6	.0	10.0
S. Domingu WBAX *	750 11 150 11	AG	236	3.6	.0	10.0
T. Domingu WBDX *	-150 11 -750 11	AG	0	3.6	.0	10.0

□

JOB: Rocklin Commons  
 RUN: Ek PAP-12  
 POLLUTANT: Carbon Monoxide  
 (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

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





JOB: Rocklin Commons  
 RUN: Ex PAP-13  
 POLLUTANT: Carbon Monoxide  
 (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000, M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MT)	H (M)	W (M)
A.	Sierra C NBD	9	-150	9	0	* AG	833	5.4	.0	13.5
B.	Sierra C NBD	9	0	9	150	* AG	1229	3.8	.0	11.8
C.	Sierra C NBI	5	-150	0	0	* AG	409	8.1	.0	10.0
D.	Sierra C SBA	-9	150	-9	0	* AG	930	5.6	.0	13.5
E.	Sierra C SBD	-9	0	-9	-150	* AG	1188	3.8	.0	11.8
F.	Sierra C SBI	-5	150	0	0	* AG	141	7.5	.0	10.0
G.	Rocklin EBA	-150	-9	0	-9	* AG	722	7.7	.0	13.5
H.	Rocklin EBD	0	-9	150	-9	* AG	437	4.3	.0	10.0
I.	Rocklin EBI	-150	0	0	0	* AG	350	8.1	.0	10.0
J.	Rocklin MBA	150	7	0	7	* AG	247	6.8	.0	10.0
K.	Rocklin MBD	0	7	-150	7	* AG	811	6.4	.0	10.0
L.	Rocklin MBI	150	5	0	0	* AG	33	7.5	.0	10.0
M.	Sierra NBD	9	-750	9	-150	* AG	1242	3.6	.0	13.5
N.	Sierra NBD	9	150	9	750	* AG	1229	3.6	.0	11.8
O.	Sierra SBA	-9	750	-9	150	* AG	1071	3.6	.0	13.5
P.	Sierra SBD	-9	-150	-9	-750	* AG	1188	3.6	.0	11.8
Q.	Rocklin EBA	-750	-9	-150	-9	* AG	1072	3.6	.0	13.5
R.	Rocklin EBD	150	-9	750	-9	* AG	437	3.6	.0	10.0
S.	Rocklin EBI	750	7	150	7	* AG	280	3.6	.0	10.0
T.	Rocklin WBD	-150	7	-750	7	* AG	811	3.6	.0	10.0

III. RECEPTOR LOCATIONS

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

JOB: Rocklin Commons  
 RUN: Ex PAP-13  
 POLLUTANT: Carbon Monoxide  
 (WORST CASE ANGLE)

□

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

JOB: Rocklin Commons (WORST CASE ANGLE)  
RUN: Ex PAP-13  
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PREDC CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	277.	1.8	.3	.0	.1	.0	.1	.0	.6	.0
2. NW	170.	1.8	.2	.0	.2	.1	.5	.0	.2	.0
3. SW	8.	1.8	.0	.1	.0	.5	.2	.0	.3	.0
4. NE	261.	1.8	.0	.3	.0	.2	.0	.0	.2	.0
5. ES mbdlk	275.	1.0	.0	.0	.0	.0	.0	.0	.1	.3
6. RN mbdlk	102.	1.4	.0	.0	.0	.0	.0	.0	.3	.0
7. WS mbdlk	78.	1.4	.0	.0	.0	.0	.0	.0	.7	.0
8. EN mbdlk	264.	1.0	.0	.0	.0	.0	.0	.0	.1	.0
9. SE mbdlk	351.	1.4	.6	.0	.3	.1	.1	.0	.0	.0
10. NW mbdlk	173.	1.4	.1	.0	.0	.7	.0	.0	.0	.0
11. SW mbdlk	7.	1.3	.0	.1	.1	.6	.0	.0	.0	.0
12. NE mbdlk	188.	1.3	.0	.6	.0	.1	.1	.0	.0	.0
13. ES Dlk	273.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN Dlk	97.	.9	.0	.0	.0	.0	.0	.0	.0	.0
15. WS Dlk	84.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN Dlk	265.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE Dlk	353.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
18. NW Dlk	174.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW Dlk	6.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
20. NE Dlk	187.	1.1	.0	.0	.0	.0	.0	.0	.0	.0

□

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

JOB: Rocklin Commons (WORST CASE ANGLE)  
RUN: Ex PAP-13  
POLLUTANT: Carbon Monoxide

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

RECEPTOR	CONC/LINK (PPM)	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.2	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
2. NW	.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.1	.0	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
4. NE	.2	.0	.6	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
5. ES mbdlk	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. RN mbdlk	.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES Dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0
14. WN Dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.5
15. WS Dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.2
16. EN Dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE Dlk	.0	.0	.0	.0	.0	.6	.0	.0	.2	.0	.0	.0	.0
18. NW Dlk	.0	.0	.0	.0	.0	.2	.6	.0	.0	.0	.0	.0	.0
19. SW Dlk	.0	.0	.0	.0	.0	.2	.0	.6	.0	.0	.0	.0	.0
20. NE Dlk	.0	.0	.0	.0	.0	.7	.2	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-14  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VRH	EF (G/MT)	H (M)	W (M)
A.	Horsesho NBA	7	-150	7	0	AG	645	6.1	.0	10.0
B.	Horsesho NBD	7	0	7	150	AG	1119	4.1	.0	10.0
C.	Horsesho NBL	5	-150	0	0	AG	479	6.0	.0	10.0
D.	Horsesho SBA	-7	150	-7	0	AG	479	6.0	.0	10.0
E.	Horsesho SBL	-7	0	-7	-150	AG	556	3.9	.0	10.0
F.	Horsesho SBD	-5	150	0	0	AG	409	8.1	.0	10.0
G.	Taylor R EBA	-150	-4	0	-4	AG	20	5.8	.0	10.0
H.	Taylor R EBD	0	-4	150	-4	AG	527	3.9	.0	10.0
I.	Taylor R EBL	-150	0	0	0	AG	7	7.5	.0	10.0
J.	Taylor R WBA	150	5	0	5	AG	586	6.0	.0	10.0
K.	Taylor R WBD	0	5	-150	0	AG	31	3.9	.0	10.0
L.	Taylor R WBL	150	0	2	0	AG	79	7.5	.0	10.0
M.	Horsesho NBA	7	-750	7	-150	AG	653	3.6	.0	10.0
N.	Horsesho NBD	7	150	7	750	AG	1119	3.6	.0	10.0
O.	Horsesho SBA	-7	750	-7	150	AG	888	3.6	.0	10.0
P.	Horsesho SBD	-7	-150	-7	-750	AG	556	3.6	.0	10.0
Q.	Taylor EBA	-750	-4	-150	-4	AG	27	3.6	.0	10.0
R.	Taylor EBD	150	-4	750	-4	AG	527	3.6	.0	10.0
S.	Taylor EBL	750	5	150	5	AG	665	3.6	.0	11.8
T.	Taylor WBD	-150	5	-750	5	AG	31	3.6	.0	10.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-14  
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

□

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

JOB: Rocklin Commons  
RUN: Ex PAP-14  
POLLUTANT: Carbon Monoxide  
(WORST CASE ANGLE)

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	351.	1.5	.0	.6	.0	.1	.0	.2	.0	.1
2. NW	96.	1.3	.0	.2	.0	.2	.0	.2	.0	.1
3. SW	8.	1.1	.0	.2	.0	.4	.0	.3	.0	.0
4. NE	188.	1.2	.5	.1	.0	.0	.0	.0	.0	.0
5. ES mbdlk	282.	.8	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mbdlk	92.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	87.	.4	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	260.	.8	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mbdlk	354.	1.0	.5	.0	.0	.0	.0	.4	.0	.0
10. NW mbdlk	170.	1.2	.0	.2	.0	.4	.0	.4	.0	.0
11. SW mbdlk	7.	.9	.1	.1	.0	.0	.3	.0	.0	.0
12. NE mbdlk	188.	1.1	.0	.6	.0	.1	.0	.2	.0	.0
13. ES blk	277.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	91.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	87.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.6	.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.	.9	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.9	.0	.0	.0	.0	.0	.0	.0	.0

□

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

JOB: Rocklin Commons  
RUN: Ex PAP-14  
POLLUTANT: Carbon Monoxide  
(WORST CASE ANGLE)

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

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

□

JOB: Rocklin Commons  
 RUN: Ex PAP-15  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Horsesho NEA *	9	-150	9	0	* AG	350	5.8	.0	13.5
B. Horsesho NBD *	9	0	9	150	* AG	523	3.9	.0	11.8
C. Horsesho NBL *	5	-150	0	0	* AG	88	7.5	.0	10.0
D. Horsesho SBA *	-7	150	-7	0	* AG	591	6.8	.0	10.0
E. Horsesho SBD *	-7	0	-7	-150	* AG	411	4.0	.0	10.0
F. Horsesho SBL *	-5	150	0	0	* AG	48	7.5	.0	10.0
G. I-80 WB EBA *	-5	-5	0	-5	* AG	13	5.7	.0	11.8
H. I-80 WB EBD *	0	-5	150	-5	* AG	271	3.6	.0	10.0
I. I-80 WB EBL *	-150	-2	0	0	* AG	78	7.5	.0	10.0
J. I-80 WB WBA *	150	7	7	7	* AG	122	5.7	.0	10.0
K. I-80 WB WBD *	0	7	7	7	* AG	525	3.7	.0	10.0
L. I-80 WB WBT *	150	5	0	0	* AG	140	7.5	.0	10.0
M. Horsesh NBAX *	-750	9	-150	9	* AG	638	3.6	.0	13.5
N. Horsesh NBDX *	9	150	9	750	* AG	523	3.6	.0	11.8
O. Horsesh SBAX *	-7	750	-7	150	* AG	639	3.6	.0	10.0
P. Horsesh SBDX *	-7	-150	-7	-750	* AG	411	3.6	.0	10.0
Q. I-80 WB EBA * *	-750	-5	-150	-5	* AG	191	3.4	.0	11.8
R. I-80 WB EBD * *	150	-5	750	-5	* AG	271	3.4	.0	10.0
S. I-80 WB EBL * *	750	7	150	7	* AG	262	3.4	.0	10.0
T. I-80 WB WBDX * *	-150	7	-750	7	* AG	525	3.4	.0	10.0

□

JOB: Rocklin Commons  
 RUN: Ex PAP-15  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

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

□

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

JOB: Rocklin Commons  
RUN: Ex PAP-15  
POLLUTANT: Carbon Monoxide  
(WORST CASE ANGLE)

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PREDD CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	350.	.7	.0	.2	.0	.2	.0	.0	.0	.0
2. NW	169.	.8	.2	.0	.0	.1	.2	.0	.0	.0
3. SW	7.	.9	.0	.0	.0	.5	.0	.0	.0	.0
4. NE	187.	.8	.4	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	277.	.5	.0	.0	.0	.0	.0	.0	.2	.0
6. WS mbdlk	97.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	82.	.5	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mbdlk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	352.	.8	.4	.0	.0	.1	.0	.0	.0	.0
10. NW mbdlk	172.	1.0	.0	.0	.0	.6	.0	.0	.0	.0
11. SW mbdlk	7.	.7	.0	.0	.0	.2	.0	.0	.0	.0
12. NE mbdlk	188.	.7	.0	.3	.0	.1	.0	.0	.0	.0
13. ES bdk	276.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WS bdk	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	84.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	354.	.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW bdk	174.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW bdk	6.	.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bdk	186.	.6	.0	.0	.0	.0	.0	.0	.0	.0

□

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

JOB: Rocklin Commons  
RUN: Ex PAP-15  
POLLUTANT: Carbon Monoxide  
(WORST CASE ANGLE)

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

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

□

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-16  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALP= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MT)	H (M)	W (M)
A. Horsesho NBA	4	-150	4	0	AG	403	5.7	.0	10.0
B. Horsesho NBD	4	0	4	150	AG	665	4.0	.0	10.0
C. Horsesho NBL	2	-150	0	0	AG	0	3.6	.0	10.0
D. Horsesho SBA	-4	150	-4	0	AG	245	5.3	.0	10.0
E. Horsesho SBD	-4	0	-4	-150	AG	309	3.7	.0	10.0
F. Horsesho SBL	-2	150	0	0	AG	100	7.5	.0	10.0
G. I-80 EB EBA	0	0	0	0	AG	0	3.4	.0	10.0
H. I-80 EB EBL	0	0	150	0	AG	150	3.9	.0	10.0
I. I-80 EB EBD	-150	0	-2	0	AG	0	3.4	.0	10.0
J. I-80 EB WBA	150	0	5	0	AG	312	7.7	.0	10.0
K. I-80 EB WBD	0	5	0	5	AG	0	3.4	.0	10.0
L. I-80 EB WBL	150	0	5	-150	AG	64	7.5	.0	10.0
M. Horsesh NPA	4	-750	0	0	AG	403	3.6	.0	10.0
N. Horsesh NPD	4	150	4	150	AG	665	3.6	.0	10.0
O. Horsesh SBA	-4	750	-4	150	AG	345	3.6	.0	10.0
P. Horsesh SBD	-4	-150	-4	-750	AG	309	3.6	.0	10.0
Q. I-80 EB EBA	-750	0	-150	0	AG	0	3.4	.0	10.0
R. I-80 EB EBD	150	0	750	0	AG	150	3.4	.0	10.0
S. I-80 EB WBA	750	0	150	5	AG	376	3.4	.0	10.0
T. I-80 EB WBD	-150	5	-750	5	AG	0	3.4	.0	10.0

□

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-16  
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-16  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	353.	.9	.0	.4	.0	.0	.0	.0	.0	.0
2. NW	96.	.8	.0	.1	.0	.0	.0	.0	.0	.0
3. SW	82.	.6	.1	.0	.0	.0	.0	.0	.0	.0
4. NE	187.	.7	.3	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	282.	.5	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	92.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	87.	.2	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	261.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	355.	.6	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.6	.0	.2	.0	.2	.0	.1	.0	.0
11. SW mdblk	6.	.5	.1	.0	.0	.0	.2	.0	.0	.0
12. NE mdblk	187.	.7	.0	.4	.0	.0	.0	.0	.0	.0
13. ES dlk	276.	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	90.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	89.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	355.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	174.	.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dlk	6.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dlk	186.	.6	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-16  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	353.	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	96.	.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	82.	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	187.	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	282.	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	92.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	87.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	261.	.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	355.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	6.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	187.	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES dlk	276.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	89.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	355.	.4	.0	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0
18. NW dlk	174.	.5	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0
19. SW dlk	6.	.4	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0
20. NE dlk	186.	.6	.0	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0



JOB: Rocklin Commons  
 RUN: Ex PAP-17  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLASS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Barton R NEA	4	-150	4	0	AG	73	6.8	.0	10.0
B. Barton R NBD	4	0	4	150	AG	0	3.6	.0	10.0
C. Barton R NBI	2	-150	0	0	AG	154	7.5	.0	10.0
D. Barton R SBA	0	150	0	0	AG	0	3.6	.0	10.0
E. Barton R SBD	0	0	0	-150	AG	276	4.2	.0	10.0
F. Barton R SBL	-2	150	0	0	AG	0	3.6	.0	10.0
G. Brace Rd EBA	-150	-4	0	-4	AG	230	5.3	.0	10.0
H. Brace Rd EBD	0	-4	150	-4	AG	142	3.7	.0	10.0
I. Brace Rd EBI	-150	0	0	0	AG	0	3.6	.0	10.0
J. Brace Rd WBA	150	4	0	4	AG	71	5.3	.0	10.0
K. Brace Rd WBD	0	4	0	4	AG	225	3.7	.0	10.0
L. Brace Rd WBL	150	0	4	-150	AG	115	7.5	.0	10.0
M. Barton NBAX	4	-750	0	0	AG	227	3.6	.0	10.0
N. Barton NBDX	4	150	4	750	AG	0	3.6	.0	10.0
O. Barton SBAX	0	750	0	150	AG	0	3.6	.0	10.0
P. Barton SBDX	0	-150	0	-750	AG	276	3.6	.0	10.0
Q. Brace R EBAX	-750	-4	-150	-4	AG	230	3.6	.0	10.0
R. Brace R EBDX	150	-4	750	-4	AG	142	3.6	.0	10.0
S. Brace R WBAX	750	4	150	4	AG	186	3.6	.0	10.0
T. Brace R WBDX	-150	4	-750	4	AG	225	3.6	.0	10.0

□

JOB: Rocklin Commons  
 RUN: Ex PAP-17  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

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



JOB: Rocklin Commons  
 RUN: Ex PAP-18 (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGFH= 10. DEGREES  
 V= 20= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A.	Barton R NBA *	4	-150	4	0	* AG	71	5.3	.0	10.0
B.	Barton R NBD *	4	0	4	150	* AG	140	3.7	.0	10.0
C.	Barton R NBL *	2	-150	0	0	* AG	227	8.0	.0	10.0
D.	Barton R SBA *	-4	150	-4	0	* AG	108	5.3	.0	10.0
E.	Barton R SBD *	-4	0	-4	-150	* AG	364	3.7	.0	10.0
F.	Barton R SBL *	-2	150	0	0	* AG	0	3.6	.0	10.0
G.	Rocklin EBA *	-150	-5	0	-5	* AG	318	7.7	.0	10.0
H.	Rocklin EBD *	0	-5	0	-5	* AG	0	3.6	.0	10.0
I.	Rocklin EBL *	-150	0	0	0	* AG	69	3.6	.0	10.0
J.	Rocklin WBA *	150	0	0	0	* AG	0	3.6	.0	10.0
K.	Rocklin WBD *	0	0	-150	0	* AG	289	4.3	.0	10.0
L.	Rocklin WBL *	150	0	0	0	* AG	0	3.6	.0	10.0
M.	Barton NBA *	4	-750	4	-150	* AG	298	3.6	.0	10.0
N.	Barton NBDX *	4	150	4	750	* AG	140	3.6	.0	10.0
O.	Barton SBAX *	-4	750	-4	150	* AG	108	3.6	.0	10.0
P.	Barton SBDX *	-4	-150	-4	-750	* AG	364	3.6	.0	10.0
Q.	Rocklin EBAX *	-750	-5	-150	-5	* AG	387	3.6	.0	10.0
R.	Rocklin EBDX *	150	-5	750	-5	* AG	0	3.6	.0	10.0
S.	Rocklin WBAX *	750	0	150	0	* AG	0	3.6	.0	10.0
T.	Rocklin WBDX *	-150	0	-750	0	* AG	289	3.6	.0	10.0

□

JOB: Rocklin Commons  
 RUN: Ex PAP-18 (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

□

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

JOB: Rocklin Commons  
RUN: Ex PAP-18  
POLLUTANT: Carbon Monoxide  
(WORST CASE ANGLE)

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	* BRG * (DEG)	* PREC * (PPM)	* A *	* B *	* C *	* D *	* E *	* F *	* G *	* H *
1. SE	277.	.8	.0	.0	.1	.0	.0	.0	.3	.0
2. NW	173.	.7	.0	.0	.2	.0	.2	.0	.1	.0
3. SW	277.	.6	.0	.0	.0	.0	.0	.0	.4	.0
4. NE	263.	.6	.0	.0	.0	.0	.0	.0	.2	.0
5. ES mbdlk	272.	.3	.0	.0	.0	.0	.0	.0	1.0	.0
6. WN mbdlk	102.	.5	.0	.0	.0	.0	.0	.0	1.2	.0
7. NS mbdlk	80.	.6	.0	.0	.0	.0	.0	.0	.4	.0
8. EN mbdlk	267.	.3	.0	.0	.0	.0	.0	.0	1.0	.0
9. SE mbdlk	350.	.5	.0	.0	.2	.0	.1	.0	1.0	.0
10. NW mbdlk	177.	.3	.0	.0	.0	.0	.0	.0	1.0	.0
11. SW mbdlk	8.	.5	.0	.0	.2	.0	.2	.0	1.0	.0
12. NE mbdlk	185.	.3	.0	.0	.0	.0	.0	.0	1.0	.0
13. ES dlk	269.	.0	.0	.0	.0	.0	.0	.0	1.0	.0
14. WN dlk	96.	.4	.0	.0	.0	.0	.0	.0	1.0	.0
15. WS dlk	84.	.4	.0	.0	.0	.0	.0	.0	1.0	.0
16. EN dlk	268.	.0	.0	.0	.0	.0	.0	.0	1.0	.0
17. SE dlk	354.	.4	.0	.0	.0	.0	.0	.0	1.0	.0
18. NW dlk	177.	.2	.0	.0	.0	.0	.0	.0	1.0	.0
19. SW dlk	5.	.4	.0	.0	.0	.0	.0	.0	1.0	.0
20. NE dlk	189.	.2	.0	.0	.0	.0	.0	.0	1.0	.0

□

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

JOB: Rocklin Commons  
RUN: Ex PAP-18  
POLLUTANT: Carbon Monoxide  
(WORST CASE ANGLE)

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

RECEPTOR	* I *	* J *	* K *	* L *	* M *	* N *	* O *	* P *	* Q *	* R *	* S *	* T *
1. SE	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.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	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. NS mbdlk	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

□

JOB: Rocklin Commons  
 RUN: Ex PAP-19  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLASS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 V= 20= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A.	Sierra C NBA	7	-150	7	0	AG	665	6.1	.0	10.0
B.	Sierra C NBD	7	0	7	150	AG	735	3.9	.0	10.0
C.	Sierra C NBL	5	-150	0	0	AG	2	7.5	.0	10.0
D.	Sierra C SBA	-7	150	-7	0	AG	439	6.0	.0	10.0
E.	Sierra C SBD	-7	0	-7	-150	AG	455	3.9	.0	10.0
F.	Sierra C SBL	-5	150	0	0	AG	63	7.5	.0	10.0
G.	King Rd. EBA	-4	-4	0	-4	AG	18	5.8	.0	10.0
H.	King Rd. EBD	0	-4	150	-4	AG	116	3.9	.0	10.0
I.	King Rd. EBL	-2	0	0	0	AG	21	7.5	.0	10.0
J.	King Rd. WBA	150	4	0	4	AG	92	5.8	.0	10.0
K.	King Rd. WBD	0	4	-150	4	AG	9	3.9	.0	10.0
L.	King Rd. WBL	150	2	0	0	AG	15	7.5	.0	10.0
M.	Sierra NBAX	7	-750	7	-150	AG	667	3.6	.0	10.0
N.	Sierra NBDX	7	150	7	750	AG	735	3.6	.0	10.0
O.	Sierra SBAX	-7	750	-7	150	AG	502	3.6	.0	10.0
P.	Sierra SBDX	-7	-150	-7	-750	AG	455	3.6	.0	10.0
Q.	King Rd EBAX	-750	-4	-150	-4	AG	39	3.6	.0	10.0
R.	King Rd EBDX	150	-4	750	-4	AG	116	3.6	.0	10.0
S.	King Rd WBAX	750	4	150	4	AG	107	3.6	.0	10.0
T.	King Rd WBDX	-150	4	-750	4	AG	9	3.6	.0	10.0

JOB: Rocklin Commons  
 RUN: Ex PAP-19  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1.	SE	14	-10
2.	NW	-14	10
3.	SW	-14	-10
4.	NE	14	10
5.	SE mbdlk	150	-10
6.	NW mbdlk	-150	10
7.	NS mbdlk	-150	-10
8.	EN mbdlk	150	10
9.	SE mbdlk	14	-150
10.	NW mbdlk	-14	150
11.	SW mbdlk	-14	-150
12.	NE mbdlk	14	150
13.	ES dlk	600	-10
14.	WN dlk	-600	10
15.	WS dlk	-600	-10
16.	EN dlk	600	10
17.	SE dlk	14	-600
18.	NW dlk	-14	600
19.	SW dlk	-14	-600
20.	NE dlk	14	600

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-19  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	352.	.8	.0	.4	.0	.1	.0	.0	.0	.0
2. NW	8.	.7	.0	.0	.0	.4	.0	.0	.0	.0
3. SW	8.	.7	.0	.1	.0	.4	.0	.0	.0	.0
4. NE	187.	.8	.5	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	279.	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	93.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	86.	.2	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	262.	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	353.	.9	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	172.	.8	.1	.1	.0	.4	.0	.0	.0	.0
11. SW mbdlk	7.	.6	.1	.0	.0	.3	.0	.0	.0	.0
12. NE mbdlk	187.	.7	.0	.4	.0	.0	.0	.0	.0	.0
13. ES blk	275.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	93.	.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	87.	.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	265.	.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	174.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.6	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-19  
 POLLUTANT: Carbon Monoxide

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

RECEPTOR	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	.1	.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 mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.0	.0
17. SE blk	.0	.0	.0	.0	.4	.0	.0	.1	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.3	.3	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.2	.0	.3	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Ex PAP-20  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S Z0= 100. CM ALT= 76. (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	* X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Sierra C NBA	4	-150	4	0	* AG	702	5.6	.0	10.0
B. Sierra C NBD	4	0	4	150	* AG	755	3.8	.0	10.0
C. Sierra C NBI	2	-150	0	0	* AG	0	3.6	.0	10.0
D. Sierra C SBA	-5	150	-5	0	* AG	452	5.7	.0	10.0
E. Sierra C SBD	-5	0	-5	-150	* AG	455	3.8	.0	10.0
F. Sierra C SBL	-5	150	0	0	* AG	47	7.5	.0	10.0
G. English EBA	-150	0	0	0	* AG	0	3.6	.0	10.0
H. English EBD	0	0	150	0	* AG	51	4.2	.0	10.0
I. English EBL	-150	-2	0	0	* AG	0	3.6	.0	10.0
J. English WBA	150	4	0	4	* AG	57	6.8	.0	10.0
K. English WBD	0	4	-150	4	* AG	0	3.6	.0	10.0
L. English WBL	150	2	0	0	* AG	3	7.5	.0	10.0
M. Sierra NBAX	4	-750	4	-150	* AG	702	3.6	.0	10.0
N. Sierra NBDX	4	150	4	750	* AG	755	3.6	.0	10.0
O. Sierra SBAX	-5	750	-5	150	* AG	499	3.6	.0	10.0
P. Sierra SBDX	-5	-150	-5	-750	* AG	455	3.6	.0	10.0
Q. English EBAX	-750	0	-150	0	* AG	0	3.6	.0	10.0
R. English EBDX	150	0	750	0	* AG	51	3.6	.0	10.0
S. English WBAX	750	4	150	4	* AG	60	3.6	.0	10.0
T. English WBDX	-150	4	-750	4	* AG	0	3.6	.0	10.0

JOB: Rocklin Commons  
 RUN: Ex PAP-20  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

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

JOB: Rocklin Commons  
 RUN: Ex PAP-20  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	ERG (DEG)	PREDC CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	353.	.8	.0	.4	.0	.1	.0	.0	.0	.0
2. NW	7.	.7	.0	.1	.0	.4	.0	.0	.0	.0
3. SW	7.	.7	.0	.2	.0	.4	.0	.0	.0	.0
4. NE	187.	.8	.5	.0	.0	.1	.0	.0	.0	.0
5. ES mdblK	280.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	92.	.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	88.	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	281.	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	353.	.8	.6	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	173.	.8	.0	.1	.0	.4	.0	.0	.0	.0
11. SW mdblK	7.	.7	.2	.0	.0	.3	.0	.0	.0	.0
12. NE mdblK	187.	.8	.0	.4	.0	.1	.0	.0	.0	.0
13. ES bLK	275.	.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bLK	90.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bLK	89.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bLK	265.	.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bLK	354.	.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW bLK	174.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW bLK	6.	.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bLK	186.	.7	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Ex PAP-20  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

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

RECEPTOR	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	.1	.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	.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	.0	.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	.0	.0
17. SE bLK	.0	.0	.0	.0	.0	.4	.0	.0	.1	.0	.0	.0
18. NW bLK	.0	.0	.0	.0	.0	.2	.3	.3	.0	.0	.0	.0
19. SW bLK	.0	.0	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0
20. NE bLK	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0



JOB: Rocklin Commons  
 RUN: Ex PAP-21  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLASS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	R (M)
A. Taylor R NBA	7	-150	7	0	AG	460	5.7	.0	10.0
B. Taylor R NBD	7	0	7	150	AG	445	3.8	.0	10.0
C. Taylor R NBL	5	-150	0	0	AG	362	8.1	.0	10.0
D. Taylor R SBA	-9	150	-9	0	AG	300	5.3	.0	13.5
E. Taylor R SBD	-9	0	-9	-150	AG	712	3.8	.0	11.8
F. Taylor R SBL	-5	150	0	0	AG	28	7.5	.0	10.0
G. King Rd. EBA	-150	-7	0	-7	AG	408	8.0	.0	10.0
H. King Rd. EBD	0	-7	150	-7	AG	233	4.3	.0	10.0
I. King Rd. EBL	-150	-5	0	0	AG	67	7.5	.0	10.0
J. King Rd. MBA	150	7	0	7	AG	115	6.8	.0	10.0
K. King Rd. MBD	0	7	-150	7	AG	445	4.3	.0	10.0
L. King Rd. MBL	150	5	0	0	AG	85	7.5	.0	10.0
M. Taylor NBDX	7	-750	7	-150	AG	822	3.6	.0	10.0
N. Taylor NBDX	7	150	7	750	AG	445	3.6	.0	10.0
O. Taylor SBDX	-9	750	-9	-150	AG	328	3.6	.0	13.5
P. Taylor SBDX	-9	-150	-9	-750	AG	712	3.6	.0	11.8
Q. King Rd EBA	-750	-7	-150	-7	AG	475	3.6	.0	10.0
R. King Rd EBD	150	-7	750	-7	AG	233	3.6	.0	10.0
S. King Rd EBL	750	7	150	7	AG	210	3.6	.0	10.0
T. King Rd EBL	-150	7	-750	7	AG	445	3.6	.0	10.0

□

JOB: Rocklin Commons  
 RUN: Ex PAP-21  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

III. RECEPTOR LOCATIONS

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

JOB: Rocklin Commons  
 RUN: Ex PAP-21  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PREDC CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	277.	1.1	.2	.0	.1	.0	.0	.0	.4	.0
2. NW	170.	1.0	.1	.0	.2	.0	.3	.0	.1	.0
3. SW	76.	.8	.0	.0	.1	.0	.2	.0	.2	.1
4. NE	188.	1.0	.3	.0	.2	.0	.0	.0	.0	.0
5. ES mdblK	275.	.5	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblK	101.	.7	.0	.0	.0	.0	.0	.0	.2	.0
7. WS mdblK	82.	.8	.0	.0	.0	.0	.0	.0	.5	.0
8. EN mdblK	263.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	350.	1.0	.4	.0	.4	.0	.1	.0	.0	.0
10. NW mdblK	174.	.7	.0	.0	.0	.2	.0	.0	.0	.0
11. SW mdblK	9.	.8	.0	.0	.1	.0	.4	.0	.0	.0
12. NE mdblK	186.	.7	.0	.2	.0	.0	.0	.0	.0	.0
13. ES b1K	275.	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN b1K	96.	.3	.0	.0	.0	.0	.0	.0	.0	.0
15. WS b1K	84.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN b1K	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE b1K	353.	.8	.0	.0	.0	.0	.0	.0	.0	.0
18. NW b1K	174.	.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW b1K	6.	.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE b1K	186.	.3	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Ex PAP-21  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

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

RECEPTOR	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	.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	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES b1K	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN b1K	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS b1K	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN b1K	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE b1K	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0
18. NW b1K	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
19. SW b1K	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0
20. NE b1K	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-22  
 POLLUTANT: Carbon Monoxide

I. SITE VARIABLES  
 U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VEH	EF (G/MT)	H (M)	W (M)
A.	Granite NBA	4	-150	4	0	* AG	0	3.6	.0	10.0
B.	Granite NBD	4	0	4	150	* AG	0	3.6	.0	10.0
C.	Granite NBI	2	-150	0	0	* AG	0	3.6	.0	10.0
D.	Granite SBA	-2	150	-2	0	* AG	0	3.6	.0	10.0
E.	Granite SBD	-2	0	-2	-150	* AG	0	3.6	.0	10.0
F.	Granite SBI	-2	150	0	0	* AG	0	3.6	.0	10.0
G.	Project EBA	0	0	0	0	* AG	0	3.6	.0	10.0
H.	Project EBD	0	0	150	0	* AG	0	3.6	.0	10.0
I.	Project EBI	-150	0	-2	0	* AG	0	3.6	.0	10.0
J.	Project WBA	150	4	0	0	* AG	0	3.6	.0	10.0
K.	Project WBD	0	4	-150	0	* AG	0	3.6	.0	10.0
L.	Project WBI	0	150	0	0	* AG	0	3.6	.0	10.0
M.	Granite NBA	4	-750	4	-150	* AG	0	3.6	.0	10.0
N.	Granite NBD	4	150	4	750	* AG	0	3.6	.0	10.0
O.	Granite SBA	-2	750	-2	150	* AG	0	3.6	.0	10.0
P.	Granite SBD	-2	-150	-2	-750	* AG	0	3.6	.0	10.0
Q.	Project EBA	-750	0	-150	0	* AG	0	3.6	.0	10.0
R.	Project EBD	150	0	750	0	* AG	0	3.6	.0	10.0
S.	Project WBA	750	4	150	4	* AG	0	3.6	.0	10.0
T.	Project WBD	-150	4	-750	4	* AG	0	3.6	.0	10.0

□

JOB: Rocklin Commons (WORST CASE ANGLE)  
 RUN: Ex PAP-22  
 POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

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

