

JOB: Rocklin Commons  
 RUN: Existing-01  
 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. Pacific NBA *	9	-150	9	0	* AG	952	6.4	.0	13.5
B. Pacific NBD *	9	0	9	150	* AG	698	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	535	5.8	.0	13.5
E. Pacific SBD *	-9	0	-9	-150	* AG	1132	3.9	.0	11.8
F. Pacific SBL *	-5	150	0	0	* AG	122	7.5	.0	10.0
G. Rocklin EBA *	-150	-9	0	-9	* AG	136	5.8	.0	13.5
H. Rocklin EBD *	0	0	150	-9	* AG	744	3.9	.0	11.8
I. Rocklin EBL *	-150	-5	0	0	* AG	34	7.5	.0	10.0
J. Rocklin WBA *	150	0	9	9	* AG	369	5.8	.0	11.8
K. Rocklin WBD *	0	9	-150	9	* AG	210	3.9	.0	10.0
L. Rocklin WBL *	150	0	5	0	* AG	595	8.0	.0	10.0
M. Pacific NBAX *	9	-750	9	-150	* AG	993	3.6	.0	13.5
N. Pacific NBDX *	9	150	9	750	* AG	698	3.6	.0	10.0
O. Pacific NBLX *	-9	-750	-9	150	* AG	657	3.6	.0	13.5
P. Pacific SBAx *	-9	150	-9	-750	* AG	1132	3.6	.0	11.8
Q. Rocklin EBAx *	-750	-9	-150	-9	* AG	170	3.6	.0	13.5
R. Rocklin EBDx *	150	-9	750	-9	* AG	744	3.6	.0	11.8
S. Rocklin EBLx *	750	9	150	9	* AG	664	3.6	.0	11.8
T. Rocklin WBDx *	-150	9	-750	9	* AG	210	3.6	.0	10.0

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

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 mdblK *	150	-16	1.8
6. WN mdblK *	-150	15	1.8
7. WS mdblK *	-150	-17	1.8
8. EN mdblK *	150	16	1.8
9. SE mdblK *	17	-150	1.8
10. NW mdblK *	-17	150	1.8
11. SW mdblK *	-16	-150	1.8
12. NE mdblK *	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: Existing-01 (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	FREQ CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	349.	1.2	.2	.3	.0	.1	.0	.0	.0	.2
2. NW	98.	1.2	.0	.0	.0	.2	.0	.0	.0	.0
3. SW	80.	1.3	.2	.0	.0	.0	.3	.0	.0	.3
4. NE	187.	1.6	.7	.0	.0	.0	.1	.0	.0	.0
5. ES mdbl	282.	.9	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mdbl	95.	.7	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdbl	85.	.7	.0	.0	.0	.0	.0	.0	.1	.0
8. EN mdbl	257.	1.1	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdbl	352.	1.2	.8	.0	.0	.0	.0	.0	.0	.0
10. NW mdbl	172.	1.0	.2	.0	.0	.4	.0	.0	.0	.0
11. SW mdbl	10.	1.1	.2	.0	.0	.0	.6	.0	.0	.0
12. NE mdbl	186.	.9	.1	.4	.0	.0	.1	.0	.0	.0
13. ES blk	277.	.8	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	95.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	85.	.3	.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.	.9	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.7	.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	186.	.7	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Existing-01 (WORST CASE ANGLE)  
 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	.2	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1	.0
4. NE	.0	.1	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0
5. ES mdbl	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdbl	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdbl	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdbl	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdbl	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdbl	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdbl	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdbl	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
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	.1	.0	.2	.5
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.2	.0	.0	.6	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Existing-02 (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/MT)	H (M)	W (M)
A. Granite NBA *	7	-150	7	0	* AG	49	6.8	.0	10.0
B. Granite NBD *	7	0	7	150	* AG	833	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	373	6.8	.0	11.8
E. Granite SBD *	-9	0	-9	-150	* AG	79	4.2	.0	10.0
F. Granite SBI *	-5	150	0	0	* AG	489	8.0	.0	10.0
G. Rocklin EBA *	-150	-9	0	-9	* AG	699	5.4	.0	13.5
H. Rocklin EBD *	0	-9	0	-9	* AG	1200	3.8	.0	11.8
I. Rocklin EBL *	-150	-5	0	0	* AG	233	8.0	.0	10.0
J. Rocklin WBA *	150	9	0	9	* AG	1331	6.3	.0	13.5
K. Rocklin WBD *	0	9	-150	9	* AG	1125	3.9	.0	10.0
L. Rocklin WBI *	150	5	0	0	* AG	40	7.5	.0	10.0
M. Granite NBAX *	7	-750	7	-150	* AG	72	3.6	.0	10.0
N. Granite NBDX *	7	150	7	750	* AG	833	3.6	.0	10.0
O. Granite SBAx *	-9	750	-9	150	* AG	862	3.6	.0	11.8
P. Granite SBDX *	-9	-150	-9	-750	* AG	79	3.6	.0	10.0
Q. Rocklin EBAx *	-750	-9	-150	-9	* AG	932	3.6	.0	13.5
R. Rocklin EBDX *	150	-9	750	-9	* AG	1200	3.6	.0	11.8
S. Rocklin WBAx *	750	9	150	9	* AG	1371	3.6	.0	13.5
T. Rocklin WBDX *	-150	9	-750	9	* AG	1125	3.6	.0	10.0

□

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

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

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

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	FREQ CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	352.	1.7	.0	.6	.0	.1	.0	.3	.0	.3
2. NW	97.	1.9	.0	.2	.0	.2	.0	.2	.0	.1
3. SW	8.	1.4	.0	.2	.0	.3	.0	.3	.2	.0
4. NE	259.	1.7	.0	.3	.0	.0	.0	.2	.1	.0
5. ES mdbl	280.	1.3	.0	.0	.0	.0	.0	.0	.0	.6
6. WN mdbl	96.	1.2	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mdbl	81.	1.3	.0	.0	.0	.0	.0	.0	.5	.0
8. EN mdbl	262.	1.6	.0	.0	.0	.0	.0	.1	.0	.0
9. SE mdbl	357.	.7	.0	.1	.0	.0	.0	.1	.0	.0
10. NW mdbl	166.	1.2	.0	.3	.0	.4	.0	.4	.0	.0
11. SW mdbl	5.	.7	.0	.1	.0	.0	.0	.1	.0	.0
12. NE mdbl	192.	1.3	.0	.8	.0	.1	.0	.2	.0	.0
13. ES blk	277.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	83.	.9	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	358.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	3.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.8	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Existing-02 (WORST CASE ANGLE)  
 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	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
2. NW	.0	.9	.1	.0	.0	.0	.0	.0	.0	.2	.1	.0
3. SW	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NE	.1	.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdbl	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdbl	.0	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdbl	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdbl	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdbl	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdbl	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdbl	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdbl	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.3	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.6
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.2
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.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	.0	.2	.5	.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	.2	.0	.0	.0	.0	.0

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

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  
 SIGH= 10. DEGREES                 TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPR	EF (G/MI)	H (M)	W (M)
A. I-80 WB NBA	0	-150	0	0	AG	0	3.4	.0	10.0
B. I-80 WB NBD	0	0	0	150	AG	0	3.4	.0	10.0
C. I-80 WB NBL	2	-150	0	0	AG	0	3.4	.0	10.0
D. I-80 WB SBA	-7	150	-7	0	AG	260	6.7	.0	10.0
E. I-80 WB SBD	-7	0	-7	-150	AG	1021	7.5	.0	10.0
F. I-80 WB SBL	-5	150	0	0	AG	52	7.5	.0	10.0
G. Rocklin EBA	-150	-5	0	-5	AG	1202	6.3	.0	13.5
H. Rocklin EBA	0	-5	150	-5	AG	738	3.8	.0	10.0
I. Rocklin EBD	-150	-2	0	0	AG	0	3.6	.0	10.0
J. Rocklin EBA	150	7	0	0	AG	1102	5.9	.0	10.0
K. Rocklin EBA	0	7	-150	7	AG	1360	4.0	.0	10.0
L. Rocklin EBA	150	5	0	0	AG	593	8.1	.0	10.0
M. I-80 WB NBDX	0	-750	0	-150	AG	0	3.4	.0	10.0
N. I-80 WB NBDX	0	150	0	750	AG	0	3.4	.0	10.0
O. I-80 WB SBDX	-7	-150	-7	150	AG	312	3.4	.0	10.0
P. I-80 WB SBDX	-7	150	-7	-150	AG	1021	3.4	.0	10.0
Q. Rocklin EBA	-750	-5	-150	-5	AG	1202	3.6	.0	13.5
R. Rocklin EBDX	150	-5	750	-5	AG	738	3.6	.0	10.0
S. Rocklin EBA	750	7	150	7	AG	1605	3.6	.0	10.0
T. Rocklin EBDX	-150	7	-750	7	AG	1360	3.6	.0	10.0

□

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

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	277.	1.8	.0	.0	.0	.0	.3	.0	1.0	.0
2. NW	98.	1.6	.0	.0	.0	.1	.0	.0	.0	.1
3. SW	78.	1.8	.0	.0	.0	.5	.0	.2	.3	.0
4. NE	98.	1.5	.0	.0	.0	.0	.0	.0	.1	.0
5. ES mbdlk	277.	1.3	.0	.0	.0	.0	.0	.1	.4	.0
6. WN mbdlk	98.	1.4	.0	.0	.0	.0	.0	.3	.0	.0
7. WS mbdlk	82.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	262.	1.9	.0	.0	.0	.0	.0	.2	.1	.0
9. SE mbdlk	348.	.8	.0	.0	.0	.6	.0	.1	.0	.0
10. NW mbdlk	175.	.7	.0	.0	.0	.3	.2	.0	.0	.0
11. SW mbdlk	9.	1.3	.0	.0	.0	1.1	.2	.0	.0	.0
12. NE mbdlk	185.	.6	.0	.0	.0	.0	.0	.0	.0	.0
13. ES dlk	276.	.9	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	97.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	84.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	263.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	354.	.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	175.	.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dlk	6.	.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dlk	185.	.3	.0	.0	.0	.0	.0	.0	.0	.0

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	.7	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.9	.0	.3	.0	.0	.0	.0	.0	.1	.0	.0
5. ES mbdlk	.0	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	.0	.1	.2	.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	.9	.0	.4	.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	.4	.3	.0
14. WN dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0
15. WS dlk	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.3
16. EN dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0
17. SE dlk	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
18. NW dlk	.0	.0	.0	.0	.0	.0	.0	.2	.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	.0	.1	.0	.0	.0	.0	.0

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

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 RMB= .0 PPM  
 SIGTH= 10. DEGREES TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VRH	EF (G/MI)	H (M)	W (M)
A.	I-80 EB NBA *	9	-150	9	0	AG	603	7.7	.0	13.5
B.	I-80 EB NBD *	9	0	0	150	AG	331	3.9	.0	10.0
C.	I-80 EB NBL *	5	-150	0	0	AG	548	8.0	.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	0	3.4	.0	10.0
G.	Rocklin EBA *	-150	-7	0	-7	AG	527	5.4	.0	10.0
H.	Rocklin EBD *	0	0	0	0	AG	129	3.9	.0	10.0
I.	Rocklin EBL *	-150	-5	0	0	AG	211	8.0	.0	10.0
J.	Rocklin WBA *	150	0	5	5	AG	1176	5.6	.0	13.5
K.	Rocklin WBD *	0	5	0	5	AG	1605	3.9	.0	11.8
L.	Rocklin WBL *	150	0	0	0	AG	0	3.6	.0	10.0
M.	I-80 EB NBA * *	9	-750	9	-150	AG	1151	3.4	.0	13.5
N.	I-80 EB NBD * *	9	150	0	0	AG	331	3.4	.0	10.0
O.	I-80 EB NBL * *	0	750	0	0	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	738	3.6	.0	10.0
R.	Rocklin EBD * *	150	-7	750	-7	AG	1129	3.6	.0	10.0
S.	Rocklin EBL * *	750	5	150	5	AG	1176	3.6	.0	13.5
T.	Rocklin WBA * *	-150	5	-750	5	AG	1605	3.6	.0	11.8

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

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





JOB: Rocklin Commons  
 RUN: Existing-05  
 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  
 APM= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF	H	W
A.	Dominque NBA	5	-150	5	0	AG	65	5.3	.0	11.8
B.	Dominque NBD	5	0	5	150	AG	64	3.7	.0	10.0
C.	Dominque NBI	2	-150	0	0	AG	25	7.5	.0	10.0
D.	Dominque SBA	-23	150	-23	0	AG	175	5.3	.0	11.8
E.	Dominque SBD	-23	0	-23	-150	AG	94	3.7	.0	10.0
F.	Dominque SBI	-19	150	0	0	AG	38	7.5	.0	10.0
G.	Pacific EBA	-150	-7	0	-7	AG	421	7.1	.0	10.0
H.	Pacific EBD	0	-7	150	-7	AG	485	4.3	.0	10.0
I.	Pacific EBI	-150	-5	0	0	AG	27	7.5	.0	10.0
J.	Pacific WBA	150	0	7	7	AG	478	8.0	.0	10.0
K.	Pacific WBD	0	7	-150	0	AG	614	7.8	.0	10.0
L.	Pacific WBI	150	5	5	0	AG	28	7.5	.0	10.0
M.	Dominqu NBA	5	-750	5	-150	AG	90	3.6	.0	11.8
N.	Dominqu NBD	5	150	5	750	AG	64	3.6	.0	10.0
O.	Dominqu NBI	-23	750	-23	150	AG	213	3.6	.0	11.8
P.	Dominqu SBA	-23	-150	-23	-750	AG	94	3.6	.0	10.0
Q.	Pacific EBA	-750	-7	-150	-7	AG	448	3.6	.0	10.0
R.	Pacific EBD	150	-7	750	-7	AG	485	3.6	.0	10.0
S.	Pacific WBA	750	7	150	7	AG	506	3.6	.0	10.0
T.	Pacific WBD	-150	7	-750	7	AG	614	3.6	.0	10.0

□

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

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
1. SE	13	-14	1.8
2. NW	-30	14	1.8
3. SW	-29	-14	1.8
4. NE	12	14	1.8
5. ES rdblk	150	-14	1.8
6. WN rdblk	-150	14	1.8
7. WS rdblk	-150	-14	1.8
8. EN rdblk	150	14	1.8
9. SE rdblk	13	-150	1.8
10. NW rdblk	-30	150	1.8
11. SW rdblk	-29	-150	1.8
12. NE rdblk	12	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	13	-600	1.8
18. NW blk	-30	600	1.8
19. SW blk	-29	-600	1.8
20. NE blk	12	600	1.8



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

I. SITE VARIABLES

U= .5 M/S  
 BRG= WORST CASE  
 CLRS= 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	VPR	EF	H	W
A.	Granite NBA *	7	-150	7	0	AG	293	5.3	.0	10.0
B.	Granite NBD *	7	0	7	150	AG	353	3.7	.0	10.0
C.	Granite NBL *	5	-150	0	0	AG	30	7.3	.0	10.0
D.	Granite SBA *	-5	150	-5	0	AG	221	5.3	.0	13.5
E.	Granite SBD *	-5	0	-5	-150	AG	260	3.7	.0	11.8
F.	Granite SBL *	-2	150	0	0	AG	0	3.6	.0	10.0
G.	Domingue EBA *	-150	-4	0	-4	AG	63	6.8	.0	10.0
H.	Domingue EBD *	0	-4	150	0	AG	0	3.6	.0	10.0
I.	Domingue EBL *	-150	-2	0	0	AG	60	7.5	.0	10.0
J.	Domingue WBA *	150	0	0	0	AG	0	3.6	.0	10.0
K.	Domingue WBD *	0	0	-150	0	AG	54	4.2	.0	10.0
L.	Domingue WBL *	150	2	0	0	AG	0	3.6	.0	10.0
M.	Granite NBAX *	7	-750	7	-150	AG	323	3.6	.0	10.0
N.	Granite NBDX *	7	150	7	150	AG	353	3.6	.0	10.0
O.	Granite SBAx *	-5	750	-5	150	AG	221	3.6	.0	13.5
P.	Granite SBDx *	-5	-150	-5	-750	AG	260	3.6	.0	11.8
Q.	Domingu EBAX *	-750	-4	-150	-4	AG	123	3.6	.0	10.0
R.	Domingu EBDX *	150	-4	750	-4	AG	0	3.6	.0	10.0
S.	Domingu WBAX *	750	0	150	0	AG	0	3.6	.0	10.0
T.	Domingu WBDX *	-150	0	-750	0	AG	54	3.6	.0	10.0

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 mbdik *	150	-10	1.8
6.	WS mbdik *	-150	7	1.8
7.	WS mbdik *	-150	-10	1.8
8.	EN mbdik *	150	7	1.8
9.	SE mbdik *	14	-150	1.8
10.	NW mbdik *	-14	150	1.8
11.	SW mbdik *	-13	-150	1.8
12.	NE mbdik *	14	150	1.8
13.	ES dlk *	600	-10	1.8
14.	WS 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  
 RUN: Existing-06 (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
 PAGE 3  
 JOB: Rocklin Commons  
 RUN: Existing-06 (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PREDD CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	187.	.4	.2	.0	.0	.0	.0	.0	.0	.0
2. NW	172.	.4	.0	.0	.0	.0	.1	.0	.0	.0
3. SW	7.	.4	.0	.0	.0	.2	.0	.0	.0	.0
4. NE	187.	.4	.2	.0	.0	.0	.0	.0	.0	.0
5. ES mdblK	272.	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	99.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	81.	.2	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	268.	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	353.	.4	.2	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	174.	.4	.0	.0	.0	.2	.0	.0	.0	.0
11. SW mdblK	7.	.3	.0	.0	.0	.0	.1	.0	.0	.0
12. NE mdblK	187.	.4	.0	.2	.0	.0	.0	.0	.0	.0
13. ES dLk	270.	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dLk	95.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dLk	85.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dLk	269.	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dLk	354.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dLk	174.	.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dLk	6.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dLk	186.	.4	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
 PAGE 4  
 JOB: Rocklin Commons  
 RUN: Existing-06 (WORST CASE ANGLE)  
 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	.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	.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 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	.2	.0	.0	.0	.0	.0	.0
18. NW dLk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
19. SW dLk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
20. NE dLk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Existing-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	VEH	EF	H	W
A.	Sierra C NBA	7	-150	7	0	* AG	804	8.0	.0	10.0
B.	Sierra C NBD	7	0	7	150	* AG	739	5.2	.0	10.0
C.	Sierra C NBD	5	-150	0	0	* AG	120	7.3	.0	10.0
D.	Sierra C SBA	-7	150	-7	0	* AG	450	6.4	.0	10.0
E.	Sierra C SBD	-7	0	-7	-150	* AG	645	4.5	.0	10.0
F.	Sierra C SBI	-5	150	0	0	* AG	26	7.5	.0	10.0
G.	Taylor R EBA	-150	-7	0	-7	* AG	402	6.4	.0	10.0
H.	Taylor R EBD	0	0	-7	150	* AG	584	4.1	.0	10.0
I.	Taylor R EBU	-150	-5	0	0	* AG	152	7.5	.0	10.0
J.	Taylor R WBA	150	0	7	7	* AG	302	6.1	.0	10.0
K.	Taylor R WBD	0	7	-150	0	* AG	495	4.0	.0	10.0
L.	Taylor R WBI	150	5	0	0	* AG	207	8.0	.0	10.0
M.	Sierra NBA	7	-750	7	-150	* AG	924	3.6	.0	10.0
N.	Sierra NBD	7	150	7	750	* AG	739	3.6	.0	10.0
O.	Sierra SBA	-7	750	-7	150	* AG	476	3.6	.0	10.0
P.	Sierra SBD	-7	-150	-7	-750	* AG	645	3.6	.0	10.0
Q.	Taylor EBA	-750	-7	-150	-7	* AG	554	3.6	.0	10.0
R.	Taylor EBD	150	-7	750	-7	* AG	584	3.6	.0	10.0
S.	Taylor EBA	750	7	150	7	* AG	509	3.6	.0	10.0
T.	Taylor EBD	-150	7	-750	7	* AG	495	3.6	.0	10.0

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 mbdik	150	-14	1.8
6.	WN mbdik	-150	14	1.8
7.	WS mbdik	-150	-14	1.8
8.	EN mbdik	150	14	1.8
9.	SE mbdik	14	-150	1.8
10.	NW mbdik	-14	150	1.8
11.	SW mbdik	-14	-150	1.8
12.	NE mbdik	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

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

JOB: Rocklin Commons  
 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	278.	1.3	.4	.0	.0	.0	.1	.0	.0	.3	.0
2. NW	170.	1.2	.3	.0	.0	.0	.3	.0	.0	.0	.0
3. SW	81.	1.1	.2	.0	.0	.0	.2	.0	.0	.0	.3
4. NE	188.	1.5	.8	.0	.0	.0	.1	.0	.0	.0	.3
5. ES mbdlk	277.	.8	.0	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mbdlk	98.	.8	.0	.0	.0	.0	.0	.0	.1	.0	.0
7. WS mbdlk	83.	.9	.0	.0	.0	.0	.0	.0	.0	.4	.0
8. EN mbdlk	262.	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	352.	1.4	.9	.0	.1	.0	.1	.0	.0	.0	.0
10. NW mbdlk	173.	1.0	.2	.1	.0	.4	.0	.0	.0	.0	.0
11. SW mbdlk	9.	1.0	.3	.0	.0	.0	.4	.0	.0	.0	.0
12. NE mbdlk	186.	1.0	.1	.5	.0	.0	.0	.0	.0	.0	.0
13. ES dlk	276.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	96.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	84.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	264.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	354.	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	174.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dlk	6.	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dlk	186.	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Existing-07 (WORST CASE ANGLE)  
 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	.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	.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 mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	.0	.3	.0	.2	.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	.5	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0
19. SW dlk	.0	.0	.0	.0	.0	.2	.0	.4	.0	.0	.0	.0
20. NE dlk	.0	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Existing-08  
 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  
 VBS= .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	EP (G/MI)	H (M)	W (M)
A. Sierra C NBA *	4	-150	4	0	AG	666	6.3	.0	10.0
B. Sierra C NBD *	4	0	4	150	AG	659	4.0	.0	10.0
C. Sierra C NBI *	2	-150	0	0	AG	0	3.6	.0	10.0
D. Sierra C SBA *	-7	150	-7	0	AG	514	5.4	.0	10.0
E. Sierra C SBL *	-7	0	-7	-150	AG	676	3.8	.0	10.0
F. Sierra C SBI *	-5	150	0	0	AG	84	7.5	.0	10.0
G. Brace Rd EBA *	-150	-2	0	-2	AG	87	6.8	.0	10.0
H. Brace Rd EBB *	0	-2	150	-2	AG	183	4.2	.0	10.0
I. Brace Rd EBI *	-150	-2	0	0	AG	0	3.6	.0	10.0
J. Brace Rd EBA *	150	0	0	0	AG	92	6.8	.0	10.0
K. Brace Rd WBA *	0	5	-150	0	AG	0	3.6	.0	10.0
L. Brace Rd WBL *	150	5	0	5	AG	75	7.5	.0	10.0
M. Sierra NBAX *	4	-750	4	-150	AG	666	3.6	.0	10.0
N. Sierra NBDX *	4	150	-7	150	AG	598	3.6	.0	10.0
O. Sierra SBDX *	-7	-150	-7	-150	AG	676	3.6	.0	10.0
P. Sierra SBDX *	-7	150	-2	-150	AG	87	3.6	.0	10.0
Q. Brace R EBA * *	150	-2	750	-2	AG	183	3.6	.0	10.0
R. Brace R EBB * *	750	-2	0	750	AG	167	3.6	.0	10.0
S. Brace R WBA * *	-150	5	-750	5	AG	0	3.6	.0	10.0
T. Brace R WBDX * *	-150	5	-750	5	AG	0	3.6	.0	10.0

□

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

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

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL  
 JUNE 1989 VERSION  
 PAGE 3  
 JOB: Rocklin Commons  
 RUN: Existing-08 (WORST CASE ANGLE)  
 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.	.9	.0	.4	.0	.1	.0	.0	.0	.0
2. NW	172.	.8	.2	.0	.0	.0	.3	.0	.0	.0
3. SW	7.	.8	.0	.1	.0	.4	.0	.0	.0	.0
4. NE	187.	1.0	.5	.0	.0	.0	.1	.0	.0	.0
5. ES mdblK	279.	.4	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblK	94.	.3	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	87.	.3	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	261.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	353.	.9	.6	.0	.0	.0	.1	.0	.0	.0
10. NW mdblK	173.	.9	.1	.1	.0	.4	.0	.0	.0	.0
11. SW mdblK	8.	.8	.2	.0	.0	.0	.4	.0	.0	.0
12. NE mdblK	187.	.8	.0	.4	.0	.1	.0	.0	.0	.0
13. ES bLk	276.	.1	.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.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bLk	264.	.3	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bLk	354.	.7	.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.	.7	.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: Rocklin Commons  
 RUN: Existing-08 (WORST CASE ANGLE)  
 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	.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	.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	.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	.0	.4	.0	.2	.0	.0	.0
18. NW bLk	.0	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0
19. SW bLk	.0	.0	.0	.0	.0	.0	.2	.0	.4	.0	.0	.0
20. NE bLk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0



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

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  
 SIGHT= 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 *	7	-150	7	0	AG	598	6.8	.0	10.0
B.	Sierra C NBD *	7	-150	7	0	AG	692	4.5	.0	10.0
C.	Sierra C NBL *	5	-150	0	0	AG	96	7.5	.0	10.0
D.	Sierra C SBA *	-7	150	-7	0	AG	571	6.8	.0	10.0
E.	Sierra C SBD *	-7	0	-7	-150	AG	794	5.2	.0	10.0
F.	Sierra C SBI *	-5	150	0	0	AG	70	7.5	.0	10.0
G.	Granite EBA *	-150	-9	0	-9	AG	210	6.0	.0	13.5
H.	Granite EBD *	0	0	0	-9	AG	174	3.9	.0	10.0
I.	Granite EBL *	-150	-5	0	0	AG	131	7.5	.0	10.0
J.	Granite WBA *	150	7	0	7	AG	55	5.8	.0	10.0
K.	Granite WBD *	0	7	-150	7	AG	183	3.9	.0	10.0
L.	Granite WBI *	150	5	0	0	AG	112	7.5	.0	10.0
M.	Sierra NBAX *	7	-750	7	-150	AG	694	3.6	.0	10.0
N.	Sierra NBDX *	7	150	7	750	AG	692	3.6	.0	10.0
O.	Sierra SBA *	-7	750	-7	150	AG	641	3.6	.0	10.0
P.	Sierra SBDX *	-7	-150	-7	-750	AG	794	3.6	.0	10.0
Q.	Granite EBA *	-750	-9	-150	-9	AG	341	3.6	.0	13.5
R.	Granite EBD *	150	-9	750	-9	AG	174	3.6	.0	10.0
S.	Granite WBA *	750	7	150	7	AG	167	3.6	.0	10.0
T.	Granite WBD *	-150	7	-750	7	AG	183	3.6	.0	10.0

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 mbdlk *	150	-15	1.8
6. NW mbdlk *	-150	14	1.8
7. WS mbdlk *	-150	-17	1.8
8. EW mbdlk *	150	14	1.8
9. SE mbdlk *	14	-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	-15	1.8
14. NW dlk *	-600	14	1.8
15. WS dlk *	-600	-17	1.8
16. EW 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  
 RUN: Existing-09 (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

JOB: Rocklin Commons  
 RUN: Existing-09 (WORST CASE ANGLE)  
 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	351.	.9	.1	.4	.0	.2	.0	.0	.0	.0
2. NW	171.	1.1	.2	.0	.0	.1	.5	.0	.0	.0
3. SW	8.	1.1	.0	.1	.0	.4	.1	.0	.0	.0
4. NE	188.	1.1	.5	.0	.0	.0	.2	.0	.0	.0
5. ES mdblK	276.	.4	.0	.0	.0	.0	.0	.0	.1	.0
6. WN mdblK	98.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	82.	.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.	1.1	.6	.0	.0	.1	.0	.0	.0	.0
10. NW mdblK	173.	1.1	.1	.0	.0	.6	.0	.0	.0	.0
11. SW mdblK	8.	1.0	.2	.0	.0	.0	.6	.0	.0	.0
12. NE mdblK	187.	.9	.0	.4	.0	.1	.1	.0	.0	.0
13. ES dlK	275.	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlK	96.	.3	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlK	84.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlK	265.	.3	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlK	354.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dlK	174.	.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dlK	6.	.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dlK	186.	.7	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Existing-09 (WORST CASE ANGLE)  
 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	.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	.1	.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	.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	.1	.0	.0
14. WN dlK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.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	.4	.0	.0	.2	.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	.2	.0	.5	.0	.0	.0	.0
20. NE dlK	.0	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0

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

I. SITE VARIABLES

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

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)			* TYPE	* VPH	EF (G/MI)	H (M)	W (M)
	X1	Y1	X2					
A. Sierra C MBA *	7	-150	7	0	AG	598	6.0	.0
B. Sierra C NBD *	7	0	7	150	AG	719	3.9	.0
C. Sierra C NBT *	5	-150	0	0	AG	0	3.6	.0
D. Sierra C SBA *	-7	150	-7	0	AG	576	6.0	.0
E. Sierra C SBD *	-7	0	-7	-150	AG	896	4.0	.0
F. Sierra C SBL *	-5	150	0	0	AG	213	8.0	.0
G. I-80 WB EBA *	-150	-4	0	-4	AG	0	3.4	.0
H. I-80 WB EBB *	0	-4	150	0	AG	251	3.6	.0
I. I-80 WB EBT *	-150	-2	0	0	AG	0	3.4	.0
J. I-80 WB EBA *	150	0	0	5	AG	159	5.7	.0
K. I-80 WB WBA *	0	0	-150	5	AG	0	3.4	.0
L. I-80 WB WBI *	150	2	0	0	AG	320	8.1	.0
M. Sierra NBAX *	7	-750	7	-150	AG	598	3.6	.0
N. Sierra NBDX *	7	150	7	750	AG	719	3.6	.0
O. Sierra SBAX *	-7	750	-7	150	AG	789	3.6	.0
P. Sierra SBDX *	-7	-150	-7	-750	AG	896	3.6	.0
Q. I-80 WB EBA *	-750	-4	-150	0	AG	0	3.4	.0
R. I-80 WB EBDX *	150	-4	750	-4	AG	251	3.4	.0
S. I-80 WB EBA *	750	5	150	5	AG	479	3.4	.0
T. I-80 WB WBDX *	-150	5	-750	5	AG	0	3.4	.0

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		
	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 mbdik *	150	-10	1.8
6. WN mbdik *	-150	12	1.8
7. WS mbdik *	-150	-10	1.8
8. EN mbdik *	150	13	1.8
9. SE mbdik *	14	-150	1.8
10. NW mbdik *	-14	150	1.8
11. SW mbdik *	-14	-150	1.8
12. NE mbdik *	14	150	1.8
13. ES blik *	600	-10	1.8
14. WN blik *	-600	12	1.8
15. WS blik *	-600	-10	1.8
16. EN blik *	600	13	1.8
17. SE blik *	14	-600	1.8
18. NW blik *	-14	600	1.8
19. SW blik *	-14	-600	1.8
20. NE blik *	14	600	1.8

JOB: Rocklin Commons  
 RUN: Existing-10 (WORST CASE ANGLE)  
 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	351.	1.1	.0	.4	.0	.2	.0	.1	.0	.0
2. NW	8.	.9	.0	.0	.0	.5	.0	.1	.0	.0
3. SW	8.	.9	.0	.1	.0	.5	.0	.1	.0	.0
4. NE	188.	1.0	.4	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	282.	.6	.0	.0	.0	.0	.0	.0	.0	.1
6. WN mdblk	92.	.3	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	87.	.3	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	258.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	.9	.5	.0	.0	.1	.0	.0	.0	.0
10. NW mdblk	172.	1.1	.0	.1	.0	.5	.0	.2	.0	.0
11. SW mdblk	7.	.9	.1	.0	.0	.0	.5	.0	.0	.0
12. NE mdblk	187.	.9	.0	.4	.0	.1	.0	.0	.0	.0
13. ES dlk	276.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	90.	.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	89.	.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	354.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	173.	.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dlk	6.	.8	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dlk	186.	.7	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Existing-10 (WORST CASE ANGLE)  
 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	.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	.1	.0	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	.0	.0	.0	.2	.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	.3	.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	.4	.0	.0	.0	.2	.0	.0	.0
18. NW dlk	.0	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
19. SW dlk	.0	.0	.0	.0	.1	.0	.0	.5	.0	.0	.0	.0
20. NE dlk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0

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

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 76. (M)  
 BRG= WORST CASE YD= .0 CM/S  
 CLAS= 7 (G) VS= .0 CM/S  
 MIXH= 1000. M AMB= .0 PPM  
 SIGTH= 10. DEGREES TMP= 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 *	5	-150	5	0	AG	387	5.6	.0	10.0
B. Sierra C NBD *	5	-150	0	0	AG	598	3.9	.0	10.0
C. Sierra C NBL *	5	-150	0	0	AG	334	8.1	.0	10.0
D. Sierra C SBA *	-4	150	-4	0	AG	896	5.7	.0	10.0
E. Sierra C SBD *	-4	0	-4	-150	AG	703	3.8	.0	10.0
F. Sierra C SBL *	-2	150	0	0	AG	0	3.6	.0	10.0
G. I-80 EB EBA *	-150	-5	0	-5	AG	31	6.7	.0	10.0
H. I-80 EB EBL *	0	-5	0	-5	AG	0	3.4	.0	10.0
I. I-80 EB EBR *	-150	-5	0	0	AG	211	8.0	.0	10.0
J. I-80 EB WBA *	150	0	0	0	AG	0	3.4	.0	10.0
K. I-80 EB WBD *	0	0	0	0	AG	558	7.5	.0	10.0
L. I-80 EB WBL *	150	2	0	-150	AG	0	3.4	.0	10.0
M. Sierra NBAX *	5	-750	5	-150	AG	721	3.6	.0	10.0
N. Sierra NBDX *	5	150	5	750	AG	598	3.6	.0	10.0
O. Sierra SBAX *	-4	750	-4	150	AG	896	3.6	.0	10.0
P. Sierra SBDX *	-4	-150	-4	-750	AG	703	3.4	.0	10.0
Q. I-80 EB EBA * *	-750	-5	-150	-5	AG	242	3.4	.0	10.0
R. I-80 EB EBDX *	150	-5	750	-5	AG	0	3.4	.0	10.0
S. I-80 EB WBA * *	750	0	150	0	AG	0	3.4	.0	10.0
T. I-80 EB WBDX *	-150	0	-750	0	AG	558	3.4	.0	10.0

□

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

III. RECEPTOR LOCATIONS

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

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

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	FREQ CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	278.	1.0	.1	.0	.1	.0	.1	.0	.0	.0
2. NW	171.	1.3	.1	.0	.3	.0	.4	.0	.0	.0
3. SW	7.	1.3	.0	.1	.0	.6	.0	.0	.0	.0
4. NE	263.	1.2	.0	.2	.0	.2	.0	.0	.0	.0
5. ES mdbl	272.	.4	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdbl	100.	.9	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdbl	78.	.8	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdbl	268.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdbl	352.	1.2	.3	.0	.4	.1	.1	.0	.0	.0
10. NW mdbl	173.	1.1	.0	.1	.0	.7	.0	.0	.0	.0
11. SW mdbl	6.	.9	.1	.0	.2	.0	.4	.0	.0	.0
12. NE mdbl	187.	.9	.0	.3	.0	.3	.0	.0	.0	.0
13. ES dlk	270.	.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	84.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	269.	.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	354.	.8	.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.	.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dlk	186.	.8	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Existing-11  
 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	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.1	.0	.3	.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	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdbl	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdbl	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdbl	.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdbl	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdbl	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdbl	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdbl	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdbl	.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	.4	.0	.0	.2	.0	.0	.0
18. NW dlk	.0	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
19. SW dlk	.0	.0	.0	.0	.0	.2	.0	.4	.0	.0	.0	.0
20. NE dlk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Existing-12 (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. Sierra C NBA *	0	-150	0	0	AG	0	3.6	.0	10.0
B. Sierra C NBD *	0	0	0	150	AG	0	3.6	.0	10.0
C. Sierra C NBL *	2	-150	0	0	AG	0	3.6	.0	10.0
D. Sierra C SBA *	0	150	0	0	AG	0	3.6	.0	10.0
E. Sierra C SBD *	0	0	0	-150	AG	0	3.6	.0	10.0
F. Sierra C SBI *	-2	150	0	0	AG	0	3.6	.0	10.0
G. Domingue EBA *	0	0	0	0	AG	0	3.6	.0	10.0
H. Domingue EBD *	0	0	150	0	AG	0	3.6	.0	10.0
I. Domingue EBL *	-150	-2	0	0	AG	0	3.6	.0	10.0
J. Domingue WBA *	0	150	0	0	AG	0	3.6	.0	10.0
K. Domingue WBD *	0	0	0	-150	AG	0	3.6	.0	10.0
L. Domingue WBI *	150	2	0	0	AG	0	3.6	.0	10.0
M. Sierra NBAI *	0	-750	0	-150	AG	0	3.6	.0	10.0
N. Sierra NBDX *	0	150	0	750	AG	0	3.6	.0	10.0
O. Sierra SBAI *	0	150	0	750	AG	0	3.6	.0	10.0
P. Sierra SBDX *	0	-150	0	-750	AG	0	3.6	.0	10.0
Q. Dominga EBAI *	-750	0	-150	0	AG	0	3.6	.0	10.0
R. Dominga EBDX *	150	0	750	0	AG	0	3.6	.0	10.0
S. Dominga WBAI *	750	0	150	0	AG	0	3.6	.0	10.0
T. Dominga WBDX *	-150	0	-750	0	AG	0	3.6	.0	10.0

□

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

III. RECEPTOR LOCATIONS

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





JOB: Rocklin Commons  
 RUN: Existing-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/MI)	H (M)	W (M)
A.	Sierra C NBA	9	-150	9	0	AG	656	5.4	.0	13.5
B.	Sierra C NBD	9	0	9	150	AG	805	3.8	.0	11.8
C.	Sierra C NBL	5	-150	0	0	AG	298	8.0	.0	10.0
D.	Sierra C SHA	-9	150	-9	0	AG	583	5.3	.0	13.5
E.	Sierra C SBD	-9	0	-9	-150	AG	939	3.8	.0	11.8
F.	Sierra C SBL	-5	150	0	0	AG	67	7.5	.0	10.0
G.	Rocklin EBA	-150	-9	0	-9	AG	639	7.7	.0	13.5
H.	Rocklin EBD	0	0	-9	150	AG	354	4.2	.0	10.0
I.	Rocklin EBL	-150	-5	0	0	AG	171	7.5	.0	10.0
J.	Rocklin WBA	150	0	7	7	AG	169	6.8	.0	10.0
K.	Rocklin WBD	0	0	7	-150	AG	515	4.3	.0	10.0
L.	Rocklin WBL	150	7	0	0	AG	30	7.5	.0	10.0
M.	Sierra NEAX	9	-750	9	-150	AG	954	3.6	.0	13.5
N.	Sierra NEBX	9	150	9	750	AG	805	3.6	.0	11.8
O.	Sierra SBAX	-9	750	-9	150	AG	650	3.6	.0	11.8
P.	Sierra SBDX	-9	-150	-9	-750	AG	939	3.6	.0	11.8
Q.	Rocklin EBAX	-750	-9	-150	-9	AG	810	3.6	.0	13.5
R.	Rocklin EBDX	150	-9	750	-9	AG	354	3.6	.0	10.0
S.	Rocklin WBAX	750	7	150	7	AG	199	3.6	.0	10.0
T.	Rocklin WBDX	-150	7	-750	7	AG	515	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 rdblk	150	-15	1.8
6.	WN rdblk	-150	14	1.8
7.	WS rdblk	-17	-17	1.8
8.	EN rdblk	150	14	1.8
9.	SE rdblk	17	-150	1.8
10.	NW rdblk	-17	150	1.8
11.	SW rdblk	-16	-150	1.8
12.	NE rdblk	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: Existing-13  
 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	277.	1.4	.2	.0	.1	.0	.1	.0	.6	.0
2. NW	170.	1.3	.1	.0	.1	.0	.4	.0	.2	.0
3. SW	8.	1.2	.0	.0	.0	.3	.1	.0	.3	.0
4. NE	188.	1.1	.4	.0	.2	.0	.0	.0	.0	.0
5. ES mbdlk	275.	.7	.0	.0	.0	.0	.0	.0	.1	.2
6. WN mbdlk	103.	.9	.0	.0	.0	.0	.0	.0	.3	.0
7. WS mbdlk	81.	1.1	.0	.0	.0	.0	.0	.0	.7	.0
8. EN mbdlk	264.	.7	.0	.0	.0	.0	.0	.0	.1	.0
9. SE mbdlk	350.	1.1	.5	.0	.2	.0	.1	.0	.0	.0
10. NW mbdlk	174.	.9	.0	.0	.4	.0	.0	.0	.0	.0
11. SW mbdlk	8.	1.0	.0	.0	.1	.0	.5	.0	.0	.0
12. NE mbdlk	187.	.9	.0	.4	.0	.0	.0	.0	.0	.0
13. ES dlk	275.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	97.	.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.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	353.	.9	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	174.	.7	.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

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	.1	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	.0	.2	.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	.2	.0	.0
14. WN dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
15. WS dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0
16. EN dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
17. SE dlk	.0	.0	.0	.0	.0	.5	.0	.0	.2	.0	.0	.0
18. NW dlk	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
19. SW dlk	.0	.0	.0	.0	.2	.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  
 RUN: Existing-14 (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	VEH	EF	H	W
A.	Horsesho NBA *	7	-150	7	0	* AG	580	6.0	.0	10.0
B.	Horsesho NBD *	7	0	7	150	* AG	1055	4.1	.0	10.0
C.	Horsesho NBL *	5	-150	0	0	* AG	9	7.3	.0	10.0
D.	Horsesho SBA *	-7	150	-7	0	* AG	419	6.0	.0	10.0
E.	Horsesho SBD *	-7	0	-7	-150	* AG	494	3.9	.0	10.0
F.	Horsesho SBL *	-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 EBB *	0	-4	150	-4	* AG	525	3.9	.0	10.0
I.	Taylor R EBL *	-150	-2	0	0	* AG	7	7.3	.0	10.0
J.	Taylor R WBA *	150	0	5	5	* AG	585	6.0	.0	11.8
K.	Taylor R WBD *	0	0	5	-150	* AG	31	3.9	.0	10.0
L.	Taylor R WBL *	150	2	0	0	* AG	77	7.5	.0	10.0
M.	Horsesh NBAX *	7	-750	7	-150	* AG	588	3.6	.0	10.0
N.	Horsesh NBDX *	7	150	7	150	* AG	1055	3.6	.0	10.0
O.	Horsesh SBAX *	-7	750	-7	150	* AG	828	3.6	.0	10.0
P.	Horsesh SBDX *	-7	-150	-7	-750	* AG	494	3.6	.0	10.0
Q.	Taylor EBAX *	-750	-4	-150	-4	* AG	27	3.6	.0	10.0
R.	Taylor EBDX *	150	-4	750	-4	* AG	525	3.6	.0	10.0
S.	Taylor WBAX *	750	5	150	5	* AG	662	3.6	.0	11.8
T.	Taylor WBDX *	-150	5	-750	5	* AG	31	3.6	.0	10.0

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 rdblk *	150	-10 1.8
6.	WN rdblk *	-150	12 1.8
7.	WS rdblk *	-150	-10 1.8
8.	EN rdblk *	150	13 1.8
9.	SE rdblk *	14	-150 1.8
10.	NW rdblk *	-14	150 1.8
11.	SW rdblk *	-14	-150 1.8
12.	NE rdblk *	14	150 1.8
13.	ES blk *	600	-10 1.8
14.	WN blk *	-600	12 1.8
15.	WS blk *	-600	-10 1.8
16.	EN blk *	600	13 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  
 RUN: Existing-14 (WORST CASE ANGLE)  
 POLLUTANT: Carbon Monoxide

JOB: Rocklin Commons  
 RUN: Existing-14 (WORST CASE ANGLE)  
 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	351.	1.4	.0	.5	.0	.1	.0	.2	.0	.1
2. NW	96.	1.2	.0	.2	.0	.2	.0	.2	.0	.1
3. SW	8.	1.0	.0	.2	.0	.3	.0	.3	.0	.0
4. NE	188.	1.1	.4	.1	.0	.0	.0	.0	.0	.0
5. ES mdbl	282.	.8	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdbl	92.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdbl	87.	.4	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdbl	250.	.8	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mdbl	354.	1.0	.5	.0	.0	.0	.0	.0	.0	.0
10. NW mdbl	159.	1.2	.0	.2	.0	.4	.0	.4	.0	.0
11. SW mdbl	6.	.8	.0	.1	.0	.0	.3	.0	.0	.0
12. NE mdbl	188.	1.1	.0	.6	.0	.0	.0	.2	.0	.0
13. ES blik	277.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blik	91.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blik	87.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blik	254.	.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blik	354.	.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blik	173.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blik	6.	.8	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blik	186.	.9	.0	.0	.0	.0	.0	.0	.0	.0

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

JOB: Rocklin Commons  
 RUN: Existing-15  
 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  
 SIGHT= 10. DEGREES TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VRH	EF	H	W
A.	Horseho NBR *	9	-150	9	0	AG	550	5.8	.0	13.5
B.	Horseho NBD *	9	0	9	150	AG	520	3.9	.0	11.8
C.	Horseho NBI *	5	-150	0	0	AG	88	7.5	.0	10.0
D.	Horseho SBA *	-7	150	0	0	AG	589	6.8	.0	10.0
E.	Horseho SBD *	-7	0	-7	-150	AG	409	4.0	.0	10.0
F.	Horseho SBI *	-5	150	0	0	AG	48	7.5	.0	10.0
G.	I-80 WB EBA *	-150	0	-5	0	AG	113	5.7	.0	11.8
H.	I-80 WB EBD *	0	-5	0	-5	AG	271	3.6	.0	10.0
I.	I-80 WB EBI *	-150	-2	0	0	AG	75	7.5	.0	10.0
J.	I-80 WB WBA *	150	0	7	7	AG	525	3.7	.0	10.0
K.	I-80 WB WBD *	0	7	-150	0	AG	140	7.5	.0	10.0
L.	I-80 WB WBI *	150	5	9	0	AG	638	3.6	.0	13.5
M.	Horseesh NBA *	9	-750	9	-150	AG	520	3.6	.0	11.8
N.	Horseesh NBD *	9	150	9	750	AG	637	3.6	.0	10.0
O.	Horseesh NBI *	-7	750	-7	150	AG	409	3.6	.0	10.0
P.	Horseesh SBA *	-7	-150	-7	-750	AG	188	3.4	.0	11.8
Q.	I-80 WB EBA *	-750	-5	-150	-5	AG	271	3.4	.0	10.0
R.	I-80 WB EBD *	150	-5	750	-5	AG	262	3.4	.0	10.0
S.	I-80 WB EBI *	750	7	150	7	AG	525	3.4	.0	10.0
T.	I-80 WB WBA *	-150	7	-750	7	AG				

□

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

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z
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 mbdik *	150	-12 1.8
6.	WN mbdik *	-150	14 1.8
7.	WS mbdik *	-150	-13 1.8
8.	EW mbdik *	150	14 1.8
9.	SE mbdik *	17	-150 1.8
10.	NW mbdik *	-14	150 1.8
11.	SW mbdik *	-14	-150 1.8
12.	NE mbdik *	16	150 1.8
13.	ES blk	600	-12 1.8
14.	WN blk	-600	14 1.8
15.	WS blk	-600	-13 1.8
16.	EW blk	600	14 1.8
17.	SE blk	17	-600 1.8
18.	NW blk	-14	600 1.8
19.	SW blk	-14	-600 1.8
20.	NE blk	16	600 1.8

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

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PREDCONC (PPM)	CONC/LINK (PPM)										
			A	B	C	D	E	F	G	H			
1. SE	350.	.7	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0
2. NW	169.	.8	.2	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0
3. SW	7.	.9	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0
4. NE	187.	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	277.	.5	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
6. WN mdblk	97.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.5	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
8. EN mdblk	263.	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	1.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	7.	.6	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
12. NE mdblk	188.	.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0
13. ES blik	276.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blik	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blik	84.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blik	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blik	354.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blik	174.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blik	6.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blik	186.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Existing-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	.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	.3	.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	.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 blik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
16. EN blik	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
17. SE blik	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0
18. NW blik	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
19. SW blik	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0
20. NE blik	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0

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

I. SITE VARIABLES

U= .5 M/S  
 BRG= WORST CASE  
 CLASS= 7 (C)  
 MIXR= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VBS= .0 CM/S  
 RMB= .0 PPM  
 TEMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPR	EF (G/MI)	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 NBT *	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	300	3.7	.0	10.0
F. Horsesho SBL *	-2	150	0	0	AG	98	7.5	.0	10.0
G. I-80 EB EBA *	-150	0	0	0	AG	0	3.4	.0	10.0
H. I-80 EB EBB *	0	0	150	0	AG	148	3.9	.0	10.0
I. I-80 EB EBT *	0	-2	0	0	AG	0	3.4	.0	10.0
J. I-80 EB WBA *	150	0	0	0	AG	312	7.7	.0	10.0
K. I-80 EB WBB *	0	0	5	-150	AG	0	3.4	.0	10.0
L. I-80 EB WBI *	150	0	0	0	AG	55	7.5	.0	10.0
M. Horsesh NBAX *	4	-750	4	-150	AG	403	3.6	.0	10.0
N. Horsesh NBDX *	4	150	4	750	AG	665	3.6	.0	10.0
O. Horsesh SBA *	-4	750	-4	150	AG	343	3.6	.0	10.0
P. Horsesh SBD *	-4	-150	-4	-750	AG	300	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 EBB *	150	0	750	0	AG	148	3.4	.0	10.0
S. I-80 EB EBT *	750	0	150	0	AG	367	3.4	.0	10.0
T. I-80 EB WBA *	-150	5	-750	5	AG	0	3.4	.0	10.0

□

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. SE mbdlk *	150	-7	1.8
6. NW mbdlk *	-150	12	1.8
7. WS mbdlk *	-150	-7	1.8
8. EN mbdlk *	150	12	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 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  
 RUN: Existing-16  
 POLLUTANT: Carbon Monoxide  
 (WORST CASE ANGLE)

JOB: Rocklin Commons  
 RUN: Existing-16 (WORST CASE ANGLE)  
 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	.3	.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 blk	276.	.3	.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	264.	.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	174.	.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.6	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons  
 RUN: Existing-16 (WORST CASE ANGLE)  
 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	.1	.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	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.2	.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	.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	.1	.1	.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	.0	.0	.0	.1	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0



JOB: Rocklin Commons  
 RUN: Existing-17  
 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 PPX  
 TMP= 10.0 DEGREE (C)  
 ALT= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPR	EF (G/MT)	H (M)	W (M)
A. Barton R NBA	4	-150	4	0	AG	72	6.8	.0	10.0
B. Barton R NBD	4	0	4	150	AG	0	3.6	.0	10.0
C. Barton R NBL	2	-150	0	0	AG	143	7.5	.0	10.0
D. Barton R SBA	0	150	0	0	AG	264	0	.0	10.0
E. Barton R SBD	0	0	0	-150	AG	264	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	214	5.3	.0	10.0
H. Brace Rd EBD	0	-4	150	-4	AG	136	3.7	.0	10.0
I. Brace Rd EBL	-150	-2	0	0	AG	0	3.6	.0	10.0
J. Brace Rd EBR	150	4	0	4	AG	57	5.3	.0	10.0
K. Brace Rd WBD	0	0	-150	4	AG	200	3.7	.0	10.0
L. Brace Rd WBL	150	2	0	0	AG	114	7.5	.0	10.0
M. Barton NBAX	4	-750	4	-150	AG	215	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	264	3.6	.0	10.0
Q. Brace R EBRX	-750	-4	-150	4	AG	214	3.6	.0	10.0
R. Brace R EBDX	150	-4	750	-4	AG	136	3.6	.0	10.0
S. Brace R WBRX	750	4	150	4	AG	171	3.6	.0	10.0
T. Brace R WBDX	-150	4	-750	4	AG	200	3.6	.0	10.0

□

JOB: Rocklin Commons  
 RUN: Existing-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 meblk	150	-10	1.8
6. WN meblk	-150	10	1.8
7. WS meblk	-150	-10	1.8
8. EN meblk	150	10	1.8
9. SE meblk	10	-150	1.8
10. NW meblk	-7	150	1.8
11. SW meblk	-7	-150	1.8
12. NE meblk	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



I. SITE VARIABLES

U= .5 M/S  
 ERG= WORST CASE  
 CIAS= 7 (G)  
 MIXH= 1000. M  
 SIGHT= 10. DEGREES

20= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 RMB= .0 BPM  
 TEMP= 10.0 DEGREE (C)

ALT= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VEH	EF (G/MI)	H (M)	R (M)
A. Barton R NBR *	4	-150	4	0	* AG	68	5.3	.0	10.0
B. Barton R NBR *	4	0	4	150	* AG	129	3.7	.0	10.0
C. Barton R NBR *	2	-150	0	0	* AG	153	7.5	.0	10.0
D. Barton R SBR *	-4	150	-4	0	* AG	98	5.3	.0	10.0
E. Barton R SBR *	-4	0	-4	-150	* AG	285	3.7	.0	10.0
F. Barton R SBI *	-2	150	0	0	* AG	0	3.6	.0	10.0
G. Rocklin EBR *	-150	-5	0	-5	* AG	242	7.1	.0	10.0
H. Rocklin EBR *	0	-5	150	0	* AG	0	3.6	.0	10.0
I. Rocklin EBT *	-150	-5	0	0	* AG	61	7.5	.0	10.0
J. Rocklin WBR *	150	0	0	0	* AG	0	3.6	.0	10.0
K. Rocklin WBR *	0	0	-150	0	* AG	208	4.3	.0	10.0
L. Rocklin WBI *	150	2	0	0	* AG	0	3.6	.0	10.0
M. Barton NBR *	4	-750	4	-150	* AG	221	3.6	.0	10.0
N. Barton NBR *	4	150	4	750	* AG	129	3.6	.0	10.0
O. Barton NBR *	-4	750	-4	150	* AG	98	3.6	.0	10.0
P. Barton SBR *	-4	-150	-4	-750	* AG	285	3.6	.0	10.0
Q. Rocklin EBR *	-750	-5	-150	-5	* AG	303	3.6	.0	10.0
R. Rocklin EBR *	150	-5	750	-5	* AG	0	3.6	.0	10.0
S. Rocklin WBR *	750	0	150	0	* AG	0	3.6	.0	10.0
T. Rocklin WBR *	-150	0	-750	0	* AG	208	3.6	.0	10.0

III. RECEPTOR LOCATIONS

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



JOB: Rocklin Commons  
 RUN: Existing-19  
 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                      RMB= .0 PPM  
 SIGH= 10. DEGREES                  TMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M)		TYPE	VPH	EF (G/MT)	H (M)	W (M)
	X1	Y1					
A. Sierra C NBA *	7	-150	7	0	AG	526	6.0
B. Sierra C NBD *	7	0	7	150	AG	596	3.9
C. Sierra C NBL *	5	-150	0	0	AG	2	7.5
D. Sierra C SBA *	-7	150	-7	0	AG	301	5.8
E. Sierra C SBL *	-5	150	-7	-150	AG	317	3.9
F. Sierra C SBL *	-5	150	0	0	AG	63	7.5
G. King Rd. EBA *	-150	-4	0	-4	AG	18	5.8
H. King Rd. EBD *	0	-4	150	-4	AG	116	3.9
I. King Rd. EBI *	-150	-2	0	0	AG	21	7.5
J. King Rd. EBA *	150	4	4	4	AG	92	5.8
K. King Rd. WBD *	0	4	-150	4	AG	9	3.9
L. King Rd. WBL *	150	2	0	0	AG	15	7.5
M. Sierra NBAX *	7	-750	7	-150	AG	528	3.6
N. Sierra NBDX *	7	150	7	750	AG	364	3.6
O. Sierra SBAX *	-7	750	-7	150	AG	364	3.6
P. Sierra SBDX *	-7	-150	-7	-750	AG	317	3.6
Q. King Rd EBAX *	-750	-4	-150	-4	AG	39	3.6
R. King Rd EBDX *	150	-4	750	-4	AG	116	3.6
S. King Rd WBAX *	750	4	150	4	AG	107	3.6
T. King Rd WBDX *	-150	4	-750	4	AG	9	3.6

□

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

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M)		Z
	X	Y	
1. SE	14	-10	1.8
2. NW	-14	10	1.8
3. SW	-14	-10	1.8
4. NE	14	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 *	14	-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	-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 *	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: Existing-20  
 POLLUTANT: Carbon Monoxide

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 AMP= .0 PRK  
 SIGTH= 10. DEGREES TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MT)	H (M)	W (M)
A. Sierra C NBA	4	-150	4	0	* AG	563	5.4	.0	10.0
B. Sierra C NBD	4	0	4	150	* AG	616	3.8	.0	10.0
C. Sierra C NBL	2	-150	0	0	* AG	0	3.6	.0	10.0
D. Sierra C SBA	-5	150	-5	0	* AG	314	5.6	.0	10.0
E. Sierra C SBL	-5	0	-5	-150	* AG	317	3.8	.0	10.0
F. Sierra C EBA	-150	0	0	0	* AG	47	7.5	.0	10.0
G. English EBA	0	0	0	0	* AG	0	3.6	.0	10.0
H. English EBD	0	150	0	0	* AG	51	4.2	.0	10.0
I. English EBL	-150	-2	0	0	* AG	0	3.6	.0	10.0
J. English MBA	150	0	4	0	* AG	57	6.8	.0	10.0
K. English WBD	0	4	-150	0	* 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	563	3.6	.0	10.0
N. Sierra NBDX	4	150	4	750	* AG	616	3.6	.0	10.0
O. Sierra SBAX	-5	750	-5	150	* AG	361	3.6	.0	10.0
P. Sierra SBDX	-5	-150	-5	-750	* AG	317	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 (WORST CASE ANGLE)  
 RUN: Existing-20  
 POLLUTANT: Carbon Monoxide

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 mbdlx	150	-7	1.8
6. RN mbdlx	-150	10	1.8
7. WS mbdlx	-150	-7	1.8
8. EN mbdlx	150	10	1.8
9. SE mbdlx	10	-150	1.8
10. NW mbdlx	-12	150	1.8
11. SW mbdlx	-12	-150	1.8
12. NE mbdlx	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: Existing-20  
 POLLUTANT: Carbon Monoxide (WORST CASE ANGLE)

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PRD	CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	353.	.6	.0	.3	.0	.0	.1	.0	.0	.0	.0
2. NW	7.	.6	.0	.1	.0	.0	.3	.0	.0	.0	.0
3. SW	7.	.6	.0	.1	.0	.0	.3	.0	.0	.0	.0
4. NE	187.	.6	.0	.4	.0	.0	.0	.0	.0	.0	.0
5. ES meblk	280.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN meblk	91.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS meblk	87.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN meblk	261.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE meblk	354.	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0
10. NW meblk	173.	.6	.0	.1	.0	.0	.3	.0	.0	.0	.0
11. SW meblk	7.	.5	.0	.2	.0	.0	.0	.2	.0	.0	.0
12. NE meblk	187.	.6	.0	.3	.0	.0	.1	.0	.0	.0	.0
13. ES dlk	275.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	90.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	89.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	265.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	354.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	174.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dlk	6.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dlk	186.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0

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

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

RECEPTOR	BRG (DEG)	PRD	CONC (PPM)	I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	353.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	7.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	7.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	187.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES meblk	280.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN meblk	91.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS meblk	87.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN meblk	261.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE meblk	354.	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW meblk	173.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW meblk	7.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE meblk	187.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES dlk	275.	.1	.0	.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	.0
15. WS dlk	89.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	265.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	354.	.5	.0	.0	.0	.0	.0	.3	.0	.0	.1	.0	.0	.0	.0
18. NW dlk	174.	.4	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0
19. SW dlk	6.	.5	.0	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0
20. NE dlk	186.	.5	.0	.0	.0	.0	.0	.0	.4	.1	.1	.0	.0	.0	.0



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

I. SITE VARIABLES

U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIKH= 1000. M  
 SIGTH= 10. DEGREES  
 Z0= 100. CM  
 VD= .0 CM/S  
 VS= .0 CM/S  
 AMB= .0 PPM  
 TRMF= 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.	Taylor R NBA *	7	-150	7	0	AG	396	5.6	.0	10.0
B.	Taylor R NBD *	7	0	7	150	AG	381	3.8	.0	10.0
C.	Taylor R NBL *	5	-150	0	0	AG	382	8.1	.0	10.0
D.	Taylor R SBA *	-9	150	-9	0	AG	239	5.3	.0	13.5
E.	Taylor R SBL *	-9	0	-9	-150	AG	651	3.8	.0	11.8
F.	Taylor R SBD *	-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	7.3	.0	10.0
J.	King Rd. WBA *	150	7	0	7	AG	115	6.8	.0	10.0
K.	King Rd. WBD *	0	7	-150	7	AG	445	4.3	.0	10.0
L.	King Rd. WBL *	150	0	0	0	AG	95	7.5	.0	10.0
M.	Taylor NBAX *	7	-750	7	-150	AG	758	3.6	.0	10.0
N.	Taylor NBDX *	7	150	7	750	AG	381	3.6	.0	10.0
O.	Taylor SBAX *	-9	750	-9	150	AG	267	3.6	.0	13.5
P.	Taylor SBDX *	-9	-150	-9	-750	AG	651	3.6	.0	11.8
Q.	King Rd EBAX *	-750	-7	-150	-7	AG	475	3.6	.0	10.0
R.	King Rd EBDX *	150	-7	750	-7	AG	233	3.6	.0	10.0
S.	King Rd WBAX *	750	7	150	7	AG	210	3.6	.0	10.0
T.	King Rd WBDX *	-150	7	-750	7	AG	445	3.6	.0	10.0

□

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

III. RECEPTOR LOCATIONS

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

IV. MODEL RESULTS (WORST CASE WIND ANGLE )

RECEPTOR	BRG (DEG)	PREDD CONC (PPM)	A	B	C	D	E	F	G	H
1. SE	277.	1.1	.0	.1	.0	.0	.0	.0	.4	.0
2. NW	170.	1.0	.0	.2	.0	.3	.0	.1	.0	.0
3. SW	78.	.8	.0	.1	.0	.2	.0	.1	.1	.0
4. NE	188.	.9	.3	.0	.2	.0	.0	.0	.0	.0
5. ES mdblK	275.	.5	.0	.0	.0	.0	.0	.0	.1	.0
6. WN mdblK	101.	.7	.0	.0	.0	.0	.0	.2	.0	.0
7. WS mdblK	82.	.8	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblK	263.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	350.	1.0	.3	.0	.4	.1	.0	.0	.0	.0
10. NW mdblK	174.	.6	.0	.0	.2	.0	.4	.0	.0	.0
11. SW mdblK	10.	.7	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblK	186.	.6	.0	.2	.0	.0	.0	.0	.0	.0
13. ES Dlk	275.	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN Dlk	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS Dlk	84.	.3	.0	.0	.0	.0	.0	.0	.0	.0
16. EN Dlk	264.	.3	.0	.0	.0	.0	.0	.0	.0	.0
17. SE Dlk	353.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW Dlk	174.	.4	.0	.0	.0	.0	.0	.0	.0	.0
19. SW Dlk	6.	.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE Dlk	186.	.5	.0	.0	.0	.0	.0	.0	.0	.0

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 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	.4	.0	.0	.2	.0	.0	.0	.0
18. NW Dlk	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
19. SW Dlk	.0	.0	.0	.0	.0	.2	.0	.4	.0	.0	.0	.0
20. NE Dlk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0

I. SITE VARIABLES

U= .5 M/S  
 BRG= WORST CASE  
 CLAS= 7 (G)  
 MIXH= 1000. M  
 SIGTH= 10. DEGREES  
 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. Granite NBA	0	-150	0	0	* AG	0	3.6	.0	10.0
B. Granite NBD	0	0	0	150	* AG	0	3.6	.0	10.0
C. Granite NBL	2	-150	0	0	* AG	0	3.6	.0	10.0
D. Granite SBA	0	0	0	0	* AG	0	3.6	.0	10.0
E. Granite SBL	0	0	0	-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	-150	0	0	* AG	0	3.6	.0	10.0
H. Project EBD	0	0	0	150	* AG	0	3.6	.0	10.0
I. Project EBI	-150	0	-2	0	* AG	0	3.6	.0	10.0
J. Project MBA	0	150	0	0	* AG	0	3.6	.0	10.0
K. Project WBA	0	0	0	-150	* AG	0	3.6	.0	10.0
L. Project WBL	150	0	2	0	* AG	0	3.6	.0	10.0
M. Granite NBA	0	-750	0	0	* AG	0	3.6	.0	10.0
N. Granite NBD	0	150	0	750	* AG	0	3.6	.0	10.0
O. Granite NBA	0	0	0	150	* AG	0	3.6	.0	10.0
P. Granite SBA	0	-150	0	-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	0	150	0	* AG	0	3.6	.0	10.0
T. Project WBD	-150	0	-750	0	* AG	0	3.6	.0	10.0

III. RECEPTOR LOCATIONS

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

