

JOB: Rocklin Commons (WORST CASE ANGLE)
 RUN: Ex P2-01
 POLLUTANT: Carbon Monoxide

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

II. LINK VARIABLES

LINK	DESCRIPTION	X1	Y1	X2	Y2	TYPE	VEH	EF (G/MT)	H (M)	W (M)
A.	Pacific NBA	9	-150	9	0	AG	973	6.4	.0	13.5
B.	Pacific NBD	9	0	9	150	AG	703	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	537	5.8	.0	13.5
E.	Pacific SBD	-9	0	-9	-150	AG	1154	3.9	.0	11.8
F.	Pacific SBL	-5	150	0	0	AG	125	7.5	.0	10.0
G.	Pacific SBA	-150	0	-9	0	AG	136	5.8	.0	13.5
H.	Pacific SBD	0	-9	150	-9	AG	766	3.9	.0	11.8
I.	Pacific SBL	-150	0	0	0	AG	34	7.5	.0	10.0
J.	Pacific SBA	150	9	0	9	AG	372	5.8	.0	11.8
K.	Pacific SBD	0	9	-150	9	AG	210	3.9	.0	10.0
L.	Pacific SBL	150	5	0	0	AG	615	8.1	.0	10.0
M.	Pacific NBA	9	-750	9	-150	AG	1014	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	-9	0	-9	-150	AG	4	3.6	.0	13.5
R.	Pacific SBL	-150	0	-9	0	AG	5	3.6	.0	11.8
S.	Pacific SBA	150	9	0	9	AG	4	3.6	.0	11.8
T.	Pacific SBD	-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 mdbl	150	-16 1.8
6.	WN mdbl	-150	15 1.8
7.	WS mdbl	-150	-17 1.8
8.	EN mdbl	150	16 1.8
9.	SE mdbl	17	-150 1.8
10.	NW mdbl	-17	150 1.8
11.	SW mdbl	-16	-150 1.8
12.	NE mdbl	15	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	16 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	15	600 1.8

JOB: Rocklin Commons (WORST CASE ANGLE)
 RUN: Ex P2-01
 POLLUTANT: Carbon Monoxide

JOB: Rocklin Commons
 RUN: Ex Pp-02
 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/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	864	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	407	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	496	8.0	.0	10.0
G.	Rocklin EBA *	-150	0	-9	0	* AG	711	5.4	.0	13.5
H.	Rocklin EBD *	0	-9	150	-9	* AG	1219	3.8	.0	11.8
I.	Rocklin EBL *	-150	0	0	0	* AG	264	8.0	.0	10.0
J.	Rocklin WBA *	150	9	9	9	* AG	1344	6.3	.0	13.5
K.	Rocklin WBD *	0	9	-150	0	* AG	1172	3.9	.0	10.0
L.	Rocklin WBL *	150	5	0	0	* AG	40	7.5	.0	10.0
M.	Granite NBA *	7	-750	7	-150	* AG	72	3.6	.0	10.0
N.	Granite NBD *	7	150	7	750	* AG	864	3.6	.0	10.0
O.	Granite SBA *	-9	750	-9	150	* AG	903	3.6	.0	11.8
P.	Granite SBD *	-9	-150	-9	-750	* AG	79	3.6	.0	10.0
Q.	Rocklin EBA *	-750	-9	-150	-9	* AG	975	3.6	.0	13.5
R.	Rocklin EBD *	150	-9	750	-9	* AG	1219	3.6	.0	11.8
S.	Rocklin WBA *	750	9	150	9	* AG	1384	3.6	.0	13.5
T.	Rocklin WBD *	-150	9	-750	9	* AG	1172	3.6	.0	10.0

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

III. RECEPTOR LOCATIONS

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

JOB: Rocklin Commons
 RUN: Ex Pp-02
 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	352.	1.8	.0	.6	.0	.1	.0	.3	.0	.3
2. NW	97.	2.0	.0	.2	.0	.2	.0	.2	.0	.1
3. SW	8.	1.5	.0	.2	.0	.3	.0	.3	.2	.0
4. NE	259.	1.8	.0	.4	.0	.1	.0	.2	.2	.0
5. ES mbdlk	280.	1.3	.0	.0	.0	.0	.0	.0	.0	.6
6. WN mbdlk	96.	1.3	.0	.0	.0	.0	.0	.0	.0	.1
7. WS mbdlk	81.	1.3	.0	.0	.0	.0	.0	.0	.5	.0
8. EN mbdlk	262.	1.6	.0	.0	.0	.0	.0	.0	.1	.0
9. SE mbdlk	357.	.7	.0	.1	.0	.0	.0	.1	.0	.0
10. NW mbdlk	166.	1.2	.0	.3	.0	.4	.0	.4	.0	.0
11. SW mbdlk	5.	.7	.0	.1	.0	.0	.0	.1	.0	.0
12. NE mbdlk	192.	1.4	.0	.8	.0	.1	.0	.2	.0	.0
13. ES b/lk	277.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN b/lk	96.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS b/lk	83.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN b/lk	264.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE b/lk	358.	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW b/lk	173.	.9	.0	.0	.0	.0	.0	.0	.0	.0
19. SW b/lk	3.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE b/lk	187.	.9	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons
 RUN: Ex Pp-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	.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	.5	.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	.1	.6	.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	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	.0	.0	.1	.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 b/lk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN b/lk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.7	.3
15. WS b/lk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.6
16. EN b/lk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.7
17. SE b/lk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW b/lk	.0	.0	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0
19. SW b/lk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE b/lk	.0	.0	.0	.0	.0	.5	.2	.0	.0	.0	.0	.0

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

I. SITE VARIABLES
 U= .5 M/S
 ERG= WORST CASE
 CLASS= 7 (G)
 MIXH= 1000. M
 SIGHT= 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	VPH	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	0	AG	0	3.4	.0	10.0
C. I-80 WB SBA *	2	-150	0	0	AG	0	3.4	.0	10.0
D. I-80 WB SBD *	-7	150	-7	0	AG	270	6.7	.0	10.0
E. I-80 WB SBL *	-7	0	-7	-150	AG	1028	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	0	-5	0	AG	1221	6.3	.0	13.5
H. Rocklin EBD *	0	-5	150	-5	AG	750	3.8	.0	10.0
I. Rocklin EBL *	-150	-2	0	0	AG	0	3.6	.0	10.0
J. Rocklin WBA *	150	7	0	7	AG	1105	5.9	.0	10.0
K. Rocklin WBD *	0	7	-150	7	AG	1373	4.0	.0	10.0
L. Rocklin WBL *	150	5	0	0	AG	503	8.1	.0	10.0
M. I-80 WB NBA *	0	-750	0	-150	AG	0	3.4	.0	10.0
N. I-80 WB NBD *	0	150	0	750	AG	0	3.4	.0	10.0
O. I-80 WB SBA *	-7	750	-7	150	AG	322	3.4	.0	10.0
P. I-80 WB SBD *	-7	-150	-7	-750	AG	1028	3.4	.0	10.0
Q. Rocklin EBA *	-750	-5	-150	-5	AG	1221	3.6	.0	13.5
R. Rocklin EBD *	150	-5	750	-5	AG	750	3.6	.0	10.0
S. Rocklin EBL *	750	7	150	7	AG	1608	3.6	.0	10.0
T. Rocklin WBA *	-150	7	-750	7	AG	1373	3.6	.0	10.0

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JOB: Rocklin Commons
 RUN: Ex PP-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. NS 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 dlk *	600	-12	1.8
14. WN dlk *	-600	14	1.8
15. NS 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

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
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 JOB: Rocklin Commons
 RUN: Ex Pp-03
 POLLUTANT: Carbon Monoxide
 (WORST CASE ANGLE)

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

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

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 4
 JOB: Rocklin Commons
 RUN: Ex Pp-03
 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	.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	.0	.0	.0	.0	.0	.0	.1	.1	.0
5. ES mdblK	.0	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES bLk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.0
14. WN bLk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
15. WS bLk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.3
16. EN bLk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8	.0
17. SE bLk	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0
18. NW bLk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
19. SW bLk	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0
20. NE bLk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0

JOB: Rocklin Commons
 RUN: Ex PP-04
 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
 RWB= .0 PPM
 TEMP= 10.0 DEGREE (C)
 ALT= 76. (M)

II. LINK VARIABLES

DESCRIPTION	LINK	X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. I-90 EB NBA	*	9	-150	9	0	AG	603	7.7	.0	13.5
B. I-80 EB NBD	*	9	0	9	150	AG	341	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	529	5.4	.0	10.0
H. Rocklin EBD	*	0	-7	150	-7	AG	1131	3.9	.0	10.0
I. Rocklin EBL	*	-150	-5	0	0	AG	221	8.0	.0	10.0
J. Rocklin EBA	*	150	5	0	5	AG	1179	5.6	.0	13.5
K. Rocklin WBA	*	0	5	-150	5	AG	1608	3.9	.0	11.8
L. Rocklin WBL	*	150	2	0	0	AG	0	3.6	.0	10.0
M. I-80 EB NBA	*	9	-750	9	-150	AG	1151	0	.0	10.0
N. I-80 EB NBD	*	9	150	9	750	AG	341	3.4	.0	10.0
O. I-80 EB SBA	*	0	750	0	150	AG	0	3.4	.0	10.0
P. I-80 EB SBD	*	0	-150	0	-750	AG	0	3.4	.0	10.0
Q. Rocklin EBA	*	-750	-7	-150	-7	AG	750	3.6	.0	10.0
R. Rocklin EBD	*	150	-7	750	-7	AG	1131	3.6	.0	10.0
S. Rocklin EBL	*	750	5	150	5	AG	1179	3.6	.0	13.5
T. Rocklin WBA	*	-150	5	-750	5	AG	1608	3.6	.0	11.8

0

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

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. NS meblk	-150	-14	1.8
8. EN meblk	150	14	1.8
9. SE meblk	17	-150	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. NS 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 Pp-04
 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	278.	1.6	.3	.0	.2	.0	.0	.0	.3	.2
2. NW	171.	1.6	.3	.0	.6	.0	.0	.0	.0	.0
3. SW	82.	1.6	.2	.0	.3	.0	.0	.0	.0	.6
4. NE	187.	1.5	.6	.0	.0	.3	.0	.0	.0	.2
5. ES mbdlk	277.	1.3	.0	.0	.0	.0	.0	.0	.1	.0
6. WN mbdlk	98.	1.4	.0	.0	.0	.0	.0	.0	.4	.0
7. WS mbdlk	83.	1.2	.0	.0	.0	.0	.0	.0	.4	.0
8. EN mbdlk	262.	1.4	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mbdlk	348.	1.2	.0	.0	.4	.0	.0	.0	.0	.0
10. NW mbdlk	176.	.5	.1	.0	.1	.0	.0	.0	.0	.0
11. SW mbdlk	12.	.9	.3	.0	.4	.0	.0	.0	.0	.0
12. NE mbdlk	183.	.6	.1	.2	.1	.0	.0	.0	.0	.0
13. ES bldk	276.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bldk	97.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bldk	83.	.9	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bldk	263.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bldk	354.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW bldk	175.	.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW bldk	7.	.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bldk	185.	.4	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons
 RUN: Ex Pp-04
 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	.2
2. NW	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
4. NE	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	.0	.8	.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 bldk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.3
14. WN bldk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
15. WS bldk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.4
16. EN bldk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.6
17. SE bldk	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0
18. NW bldk	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
19. SW bldk	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
20. NE bldk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0

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

I. SITE VARIABLES
 U= .5 M/S
 ERG= 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/MI)	H (M)	W (M)
A.	Domingue NBA *	4	-150	4	0	* AG	71	5.3	.0	10.0
B.	Domingue NBD *	4	0	4	150	* AG	71	3.7	.0	10.0
C.	Domingue NBI *	2	-150	0	0	* AG	26	7.5	.0	10.0
D.	Domingue SBA *	-4	150	-4	0	* AG	181	5.3	.0	10.0
E.	Domingue SBD *	-4	0	-4	-150	* AG	101	3.7	.0	10.0
F.	Domingue SBL *	-2	150	0	0	* AG	39	7.5	.0	10.0
G.	Pacific EBA *	-150	-7	0	-7	* AG	428	7.1	.0	10.0
H.	Pacific EBD *	0	-7	150	-7	* AG	428	7.1	.0	10.0
I.	Pacific EBL *	-150	-5	0	0	* AG	27	4.3	.0	10.0
J.	Pacific WBA *	150	7	0	7	* AG	485	8.0	.0	10.0
K.	Pacific WBD *	0	7	-150	7	* AG	621	7.8	.0	10.0
L.	Pacific WBL *	150	5	0	0	* AG	28	7.5	.0	10.0
M.	Domingu NBA *	4	-750	4	-150	* AG	97	3.6	.0	10.0
N.	Domingu NBD *	4	150	4	750	* AG	71	3.6	.0	10.0
O.	Domingu NBI *	-4	750	-4	150	* AG	220	3.6	.0	10.0
P.	Domingu SBA *	-4	-150	-4	-750	* AG	101	3.6	.0	10.0
Q.	Pacific EBA *	-750	-7	-150	-7	* AG	455	3.6	.0	10.0
R.	Pacific EBD *	150	-7	750	-7	* AG	492	3.6	.0	10.0
S.	Pacific EBL *	150	7	150	7	* AG	513	3.6	.0	10.0
T.	Pacific WBA *	-150	7	-750	7	* AG	621	3.6	.0	10.0

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

III. RECEPTOR LOCATIONS

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

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

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/MT)	H (M)	W (M)
A.	Granite NBA *	7	-150	7	0	AG	330	5.3	.0	10.0
B.	Granite NBD *	7	0	7	150	AG	396	3.7	.0	10.0
C.	Granite NBL *	5	-150	0	0	AG	30	7.5	.0	10.0
D.	Granite SBA *	-5	150	-5	0	AG	275	5.3	.0	13.5
E.	Granite SBD *	-5	0	-5	-150	AG	307	3.7	.0	11.8
F.	Granite SBL *	-2	150	0	0	AG	0	3.6	.0	10.0
G.	Domingue SBA *	-150	-4	0	-4	AG	63	6.6	.0	10.0
H.	Domingue SBD *	0	-4	0	-4	AG	0	3.6	.0	10.0
I.	Domingue SBL *	-150	0	0	150	AG	0	3.6	.0	10.0
J.	Domingue SBA *	150	0	0	0	AG	66	7.5	.0	10.0
K.	Domingue SBD *	0	0	0	0	AG	66	3.6	.0	10.0
L.	Domingue SBL *	0	-150	0	0	AG	61	4.2	.0	10.0
M.	Granite NBA *	150	2	0	0	AG	0	3.6	.0	10.0
N.	Granite NBD *	7	-750	7	-150	AG	360	3.6	.0	10.0
O.	Granite NBL *	7	150	7	750	AG	396	3.6	.0	10.0
P.	Granite SBA *	-5	750	-5	150	AG	275	3.6	.0	13.5
Q.	Granite SBD *	-5	-150	-5	-750	AG	307	3.6	.0	11.8
R.	Domingue SBA *	-750	-4	-150	-4	AG	129	3.6	.0	10.0
S.	Domingue SBD *	150	-4	750	-4	AG	0	3.6	.0	10.0
T.	Domingue SBL *	750	0	150	0	AG	0	3.6	.0	10.0
	Domingue SBA *	-150	0	-750	0	AG	61	3.6	.0	10.0

JOB: Rocklin Commons (WORST CASE ANGLE)
 RUN: Ex Pp-06
 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 mdblk *	150	-10	1.8
6.	WN mdblk *	-150	7	1.8
7.	WS mdblk *	-150	-10	1.8
8.	EN mdblk *	150	7	1.8
9.	SE mdblk *	14	-150	1.8
10.	NW mdblk *	-14	150	1.8
11.	SW mdblk *	-13	-150	1.8
12.	NE mdblk *	14	150	1.8
13.	ES blk *	600	-10	1.8
14.	WN blk *	-600	10	1.8
15.	WS blk *	-600	-10	1.8
16.	EN blk *	600	7	1.8
17.	SE blk *	14	-600	1.8
18.	NW blk *	-14	600	1.8
19.	SW blk *	-13	-600	1.8
20.	NE blk *	14	600	1.8

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

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PREDCONC (PPM)	A	B	C	D	E	F	G	H
1. SE	187.	.4	.3	.0	.0	.0	.0	.0	.0	.0
2. NW	172.	.4	.0	.0	.0	.1	.0	.0	.0	.0
3. SW	7.	.4	.0	.0	.2	.0	.0	.0	.0	.0
4. NE	187.	.4	.3	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	272.	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	99.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. NS mbdlk	81.	.2	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	263.	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	353.	.5	.3	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	174.	.4	.0	.0	.2	.0	.0	.0	.0	.0
11. SW mbdlk	7.	.4	.0	.0	.0	.2	.0	.0	.0	.0
12. NE mbdlk	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.	.4	.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

JOB: Rocklin Commons (WORST CASE ANGLE)
 RUN: Ex PP-06
 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 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. NS 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 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	.2	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	.0	.0	.0	.0	.0	.1	.2	.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 (WORST CASE ANGLE)
 RUN: Ex Pp-07
 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
 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	7	-150	7	0	AG	959	8.1	.0	10.0
B.	Sierra C NBD	7	0	7	150	AG	806	6.3	.0	10.0
C.	Sierra C NBL	5	-150	0	0	AG	130	7.5	.0	10.0
D.	Sierra C SBA	-7	150	-7	0	AG	512	6.8	.0	10.0
E.	Sierra C SBD	-7	0	-7	-150	AG	798	5.2	.0	10.0
F.	Sierra C SBL	-5	150	0	0	AG	26	7.5	.0	10.0
G.	Taylor R EBA	-150	0	-7	0	AG	412	6.4	.0	10.0
H.	Taylor R EBD	0	-7	150	-7	AG	672	4.5	.0	10.0
I.	Taylor R EBL	-150	-5	0	0	AG	152	7.5	.0	10.0
J.	Taylor R WBA	150	7	0	7	AG	302	6.1	.0	10.0
K.	Taylor R WBD	0	7	-150	7	AG	505	4.1	.0	10.0
L.	Taylor R WBL	150	0	0	0	AG	288	8.0	.0	10.0
M.	Sierra NBA	7	-750	7	-150	AG	1089	3.6	.0	10.0
N.	Sierra NBD	7	150	7	750	AG	806	3.6	.0	10.0
O.	Sierra SBA	-7	750	-7	150	AG	538	3.6	.0	10.0
P.	Sierra SBD	-7	-150	-7	-750	AG	798	3.6	.0	10.0
Q.	Taylor EBA	-750	-7	-150	-7	AG	564	3.6	.0	10.0
R.	Taylor EBD	150	-7	750	-7	AG	672	3.6	.0	10.0
S.	Taylor EBL	750	7	150	7	AG	590	3.6	.0	10.0
T.	Taylor WBA	-150	7	-750	7	AG	505	3.6	.0	10.0

III. RECEPTOR LOCATIONS

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

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

□

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

JOB: Rocklin Commons
RUN: Ex PP-07
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	350.	1.5	.2	.6	.0	.2	.0	.0	.0	.2
2. NW	170.	1.4	.4	.0	.0	.1	.5	.0	.0	.0
3. SW	81.	1.4	.3	.0	.0	.0	.3	.0	.0	.4
4. NE	188.	1.8	.9	.1	.0	.0	.2	.0	.0	.1
5. ES mbdlk	277.	1.0	.0	.0	.0	.0	.0	.0	.0	.4
6. WN mbdlk	97.	.9	.0	.0	.0	.0	.0	.0	.0	.0
7. NS mbdlk	83.	1.0	.0	.0	.0	.0	.0	.0	.4	.0
8. EN mbdlk	261.	1.0	.0	.0	.0	.0	.0	.0	.0	.1
9. SE mbdlk	352.	1.7	.0	.0	.1	.0	.1	.0	.0	.0
10. NW mbdlk	173.	1.2	.2	.0	.0	.5	.0	.0	.0	.0
11. SW mbdlk	10.	1.3	.3	.0	.0	.0	.6	.0	.0	.0
12. NE mbdlk	186.	1.3	.1	.7	.0	.0	.1	.0	.0	.0
13. ES bdk	276.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	96.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	84.	.6	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	264.	.7	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	354.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW bdk	174.	.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW bdk	6.	.9	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bdk	166.	.8	.0	.0	.0	.0	.0	.0	.0	.0

□

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

JOB: Rocklin Commons
RUN: Ex PP-07
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	.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 mbdlk	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. NS mbdlk	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	.0	.3	.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
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	.1	.0
14. WN bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3
15. WS bdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.1
16. EN bdk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0
17. SE bdk	.0	.0	.0	.0	.6	.0	.0	.2	.0	.0	.0	.0
18. NW bdk	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0
19. SW bdk	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0
20. NE bdk	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0

□

JOB: Rocklin Commons
 RUN: Ex Pp-08
 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	4	-150	4	0	* AG	916	7.9	.0	10.0
B. Sierra C NBD	4	0	4	150	* AG	825	4.6	.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	667	5.6	.0	10.0
E. Sierra C SBD	-7	0	-7	-150	* AG	907	3.8	.0	10.0
F. Sierra C SBL	-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 EBD	0	-2	150	-2	* AG	267	4.3	.0	10.0
I. Brace Rd EBI	-150	0	0	0	* AG	0	3.6	.0	10.0
J. Brace Rd WBA	150	5	0	5	* AG	92	6.8	.0	10.0
K. Brace Rd WBD	0	5	-150	0	* AG	0	3.6	.0	10.0
L. Brace Rd WBL	150	5	0	0	* AG	133	7.5	.0	10.0
M. Sierra NBAX	4	-750	4	-150	* AG	916	3.6	.0	10.0
N. Sierra NBDX	4	150	4	750	* AG	825	3.6	.0	10.0
O. Sierra SBAX	-7	750	-7	150	* AG	751	3.6	.0	10.0
P. Sierra SBDX	-7	-150	-7	-750	* AG	907	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	267	3.6	.0	10.0
S. Brace R WBA	750	5	150	5	* AG	245	3.6	.0	10.0
T. Brace R WBD	-150	5	-750	5	* AG	0	3.6	.0	10.0

□

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

III. RECEPTOR LOCATIONS

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

JOB: Rocklin Commons
 RUN: Ex Pp-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)
 ALT= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	* LINK COORDINATES (M)	* TYPE	VPH	EF (G/MT)	H (M)	W (M)
	X1 Y1 X2 Y2					
A. Sierra C NBA	7 -150 7 7	0 * AG	787	7.8	.0	10.0
B. Sierra C NBD	7 0 7 150	* AG	942	7.1	.0	10.0
C. Sierra C NBI	5 -150 0 0	* AG	101	7.5	.0	10.0
D. Sierra C SBA	-7 150 -7 0	* AG	802	8.0	.0	10.0
E. Sierra C SBD	-7 0 -7 -150	* AG	1024	7.1	.0	10.0
F. Sierra C SBL	-5 150 0 0	* AG	70	7.5	.0	10.0
G. Granite EBA	-9 -9 0 0	* AG	214	6.0	.0	10.0
H. Granite EBD	0 0 -9 -9	* AG	174	3.9	.0	10.0
I. Granite EBL	-150 0 0 0	* AG	192	7.5	.0	10.0
J. Granite WBA	150 7 0 7	* AG	55	5.8	.0	10.0
K. Granite WBD	0 0 7 -130	* AG	193	3.9	.0	10.0
L. Granite WBL	150 5 0 0	* AG	112	7.3	.0	10.0
M. Sierra NBA	7 -750 7 -150	* AG	888	3.6	.0	10.0
N. Sierra NBD	7 150 7 750	* AG	942	3.6	.0	10.0
O. Sierra NBI	-7 750 -7 150	* AG	872	3.6	.0	10.0
P. Sierra SBA	-7 -150 -7 -750	* AG	1024	3.6	.0	10.0
Q. Granite EBA	-750 -7 -150 -9	* AG	406	3.6	.0	13.5
R. Granite EBD	150 -9 750 -9	* AG	174	3.6	.0	10.0
S. Granite EBL	750 7 150 7	* AG	167	3.6	.0	10.0
T. Granite WBA	-150 7 -750 7	* AG	193	3.6	.0	10.0

D

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

III. RECEPTOR LOCATIONS

RECEPTOR	* COORDINATES (M)	Z
	X Y	
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. WN mbdlk	-150 14	1.8
7. RS mbdlk	-150 -17	1.8
8. EN 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. WN dlk	-600 14	1.8
15. WS dlk	-600 -17	1.8
16. EN dlk	600 14	1.8
17. SE dlk	-600 -14	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 P-09
 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.	1.5	.2	.7	.0	.3	.0	.0	.0	.0
2. NW	171.	1.7	.3	.0	.0	.2	.8	.0	.0	.0
3. SW	9.	1.6	.0	.3	.0	.7	.3	.0	.0	.0
4. NE	189.	1.5	.7	.2	.0	.0	.0	.0	.0	.0
5. ES mbdlk	276.	.5	.0	.0	.0	.0	.0	.0	.1	.0
6. WN mbdlk	99.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	81.	.6	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mbdlk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	352.	1.6	.9	.0	.1	.2	.2	.0	.0	.0
10. NW mbdlk	172.	1.6	.1	.2	.0	.9	.0	.0	.0	.0
11. SW mbdlk	8.	1.7	.2	.0	.0	1.0	.0	.0	.0	.0
12. NE mbdlk	188.	1.6	.9	.0	.2	.2	.0	.0	.0	.0
13. ES dlk	275.	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	96.	.4	.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.	.3	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	354.	.9	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	174.	.9	.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.	.9	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)
 RUN: Ex P-09
 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	351.	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	171.	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	9.	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	189.	1.5	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
5. ES mbdlk	276.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	99.	.6	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	81.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	352.	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	172.	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	8.	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	188.	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES dlk	275.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
14. WN dlk	96.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
15. WS dlk	84.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	265.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	354.	.9	.0	.0	.0	.0	.5	.0	.0	.2	.0	.0	.0	.0
18. NW dlk	174.	.9	.0	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
19. SW dlk	6.	.9	.0	.0	.0	.0	.0	.2	.0	.6	.0	.0	.0	.0
20. NE dlk	186.	.9	.0	.0	.0	.0	.0	.5	.2	.0	.0	.0	.0	.0

JOB: Rocklin Commons
 RUN: Ex Pp-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	VPH	EF (G/MT)	H (M)	W (M)
A.	Sierra C NBA	11	-150	11	0	* AG	598	5.3	.0	17.0
B.	Sierra C NBD	11	0	11	150	* AG	935	3.8	.0	13.5
C.	Sierra C NBL	5	-150	0	0	* AG	499	8.1	.0	10.0
D.	Sierra C SBA	-7	150	-7	0	* AG	1045	5.6	.0	17.0
E.	Sierra C SBD	-7	0	-7	-150	* AG	1574	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	-5	-5	0	* AG	465	8.0	.0	10.0
H.	I-80 WB EBD	0	-5	150	-5	* AG	38	3.9	.0	10.0
I.	I-80 WB EBL	-150	0	0	0	* AG	216	8.0	.0	10.0
J.	I-80 WB WBA	150	12	0	12	* AG	205	6.7	.0	13.5
K.	I-80 WB WBD	150	0	-150	12	* AG	801	6.0	.0	10.0
L.	I-80 WB WBL	150	9	0	0	* AG	320	7.5	.0	10.0
M.	Sierra NBAX	11	-750	11	-150	* AG	1097	3.6	.0	17.0
N.	Sierra NBDX	11	150	11	750	* AG	935	3.6	.0	13.5
O.	Sierra SBAX	-7	750	-7	150	* AG	1045	3.6	.0	17.0
P.	Sierra SBDX	-7	-150	-7	-750	* AG	1574	3.6	.0	13.5
Q.	I-80 WB EBAX	-150	-5	-150	-5	* AG	681	3.4	.0	10.0
R.	I-80 WB EBDX	150	-5	750	-5	* AG	38	3.4	.0	10.0
S.	I-80 WB EBAX	150	12	150	12	* AG	525	3.4	.0	13.5
T.	I-80 WB WBDX	-150	12	-750	12	* AG	801	3.4	.0	10.0

□

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

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 mbdlk	150	-12	1.8
6. WN mbdlk	-150	19	1.8
7. NS mbdlk	-150	-12	1.8
8. EN mbdlk	150	21	1.8
9. SE mbdlk	21	-150	1.8
10. NW mbdlk	-17	150	1.8
11. SW mbdlk	-15	-150	1.8
12. NE mbdlk	19	150	1.8
13. ES dlk	600	-12	1.8
14. WN dlk	-600	19	1.8
15. NS dlk	-600	-12	1.8
16. EN dlk	600	21	1.8
17. SE dlk	21	-600	1.8
18. NW dlk	-17	600	1.8
19. SW dlk	-15	-600	1.8
20. NE dlk	19	600	1.8

JOB: Rocklin Commons (WORST CASE ANGLE)
 RUN: Ex Pp-10
 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	278	1.4	.2	.0	.2	.0	.2	.0	.4	.0
2. NW	170	1.8	.1	.0	.2	.2	.3	.0	.1	.0
3. SW	7	1.5	.0	.0	.0	.6	.0	.0	.2	.0
4. NE	189	1.3	.3	.1	.2	.0	.2	.0	.0	.0
5. ES mbdlk	275	.7	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	102	1.2	.0	.0	.0	.0	.0	.0	.2	.0
7. WS mbdlk	80	1.3	.0	.0	.0	.0	.0	.0	.6	.0
8. EN mbdlk	263	.8	.0	.0	.0	.0	.0	.0	.1	.0
9. SE mbdlk	348	1.2	.4	.0	.3	.1	.2	.0	.0	.0
10. NW mbdlk	174	1.3	.0	.0	.1	.6	.1	.0	.0	.0
11. SW mbdlk	8	1.4	.0	.0	.2	.0	.7	.0	.0	.0
12. NE mbdlk	188	1.1	.0	.5	.0	.1	.1	.0	.0	.0
13. ES bdk	275	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	97	.8	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	84	.7	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	265	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	353	1.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW bdk	174	.9	.0	.0	.0	.0	.0	.0	.0	.0
19. SW bdk	6	1.2	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bdk	187	.9	.0	.0	.0	.0	.0	.0	.0	.0

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

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	278	1.4	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	170	1.8	.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0
3. SW	7	1.5	.0	.0	.2	.0	.0	.1	.1	.0	.0	.0	.0	.0
4. NE	189	1.3	.3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
5. ES mbdlk	275	.7	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	102	1.2	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	80	1.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	263	.8	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	348	1.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	174	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	8	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdlk	188	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES bdk	275	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	97	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	84	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	265	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	353	1.0	.0	.0	.0	.0	.0	.5	.0	.3	.0	.0	.0	.0
18. NW bdk	174	.9	.0	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
19. SW bdk	6	1.2	.0	.0	.0	.0	.0	.2	.0	.8	.0	.0	.0	.0
20. NE bdk	187	.9	.0	.0	.0	.0	.0	.5	.2	.0	.0	.0	.0	.0

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

I. SITE VARIABLES
 U= .5 M/S
 BRG= WORST CASE
 CLASS= 7 (G)
 MIXH= 1000. M
 SIGMH= 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/MT)	H (M)	N (M)
A.	Sierra C NBA	9	-150	9	0	* AG	896	5.4	.0	20.5
B.	Sierra C NBD	9	0	9	150	* AG	1248	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	1258	6.3	.0	13.5
E.	Sierra C SBD	-12	0	-12	-150	* AG	892	3.8	.0	10.0
F.	Sierra C SBL	-9	150	0	0	* AG	38	7.5	.0	10.0
G.	I-80 EB EBA	-150	-12	0	-12	* AG	31	6.7	.0	13.5
H.	I-80 EB EBD	0	-12	150	-12	* AG	38	3.9	.0	10.0
I.	I-80 EB EBL	-150	0	0	0	* AG	352	7.5	.0	10.0
J.	I-80 EB WBA	150	7	0	7	* AG	0	3.4	.0	10.0
K.	I-80 EB WBD	0	7	-150	0	* AG	397	3.9	.0	10.0
L.	I-80 EB WBL	150	5	0	0	* AG	0	3.4	.0	10.0
M.	Sierra NBAR	9	-750	9	-150	* AG	896	3.6	.0	20.5
N.	Sierra NBDX	9	150	9	750	* AG	1248	3.6	.0	17.0
O.	Sierra SBAX	-12	750	-12	150	* AG	1296	3.6	.0	13.5
P.	Sierra SBDX	-12	-150	-12	-750	* AG	892	3.6	.0	10.0
Q.	I-80 EB EBAX	-750	-12	-150	-12	* AG	383	3.4	.0	13.5
R.	I-80 EB EBDX	150	-12	750	-12	* AG	38	3.4	.0	10.0
S.	I-80 EB WBAX	750	7	150	7	* AG	0	3.4	.0	10.0
T.	I-80 EB WBDX	-150	7	-750	7	* AG	397	3.4	.0	10.0

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 mdblk	150	-19	1.8
6.	WN mdblk	-150	14	1.8
7.	WS mdblk	-150	-21	1.8
8.	EN mdblk	150	14	1.8
9.	SE mdblk	21	-150	1.8
10.	NW mdblk	-21	150	1.8
11.	SW mdblk	-19	-150	1.8
12.	NE mdblk	19	150	1.8
13.	ES blk	600	-19	1.8
14.	WN blk	-600	14	1.8
15.	WS blk	-600	-21	1.8
16.	EN blk	600	14	1.8
17.	SE blk	21	-600	1.8
18.	NW blk	-21	600	1.8
19.	SW blk	-19	-600	1.8
20.	NE blk	19	600	1.8

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

JOB: Rocklin Commons (WORST CASE ANGLE)
 RUN: Ex P-11
 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.	.9	.1	.4	.0	.2	.0	.0	.0	.0
2. NW	9.	1.4	.0	.0	.0	1.0	.0	.0	.0	.0
3. SW	7.	1.5	.0	.0	.0	.8	.1	.0	.0	.0
4. NE	262.	1.0	.0	.3	.0	.2	.0	.0	.0	.0
5. ES mdblK	276.	.4	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	100.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. NS mdblK	73.	.5	.0	.0	.0	1.1	.0	.0	.0	.0
8. EN mdblK	267.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	352.	1.0	.5	.0	.0	.2	.0	.0	.0	.0
10. NW mdblK	171.	1.4	.1	.0	.0	1.0	.0	.0	.0	.0
11. SW mdblK	6.	1.0	.0	.1	.0	.1	.4	.0	.0	.0
12. NE mdblK	190.	1.0	.0	.5	.0	1.1	.0	.0	.0	.0
13. ES BlK	274.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN BlK	96.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS BlK	83.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN BlK	270.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE BlK	353.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW BlK	173.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW BlK	6.	.9	.0	.0	.0	.0	.0	.0	.0	.0
20. NE BlK	187.	1.0	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)
 RUN: Ex P-11
 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	350.	.9	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0
2. NW	9.	1.4	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
3. SW	7.	1.5	.1	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0
4. NE	262.	1.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblK	276.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	100.	.5	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. NS mdblK	73.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	267.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	352.	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	171.	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblK	6.	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblK	190.	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES BlK	274.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN BlK	96.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
15. WS BlK	83.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN BlK	270.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE BlK	353.	.7	.0	.0	.0	.0	.0	.4	.0	.0	.1	.0	.0	.0
18. NW BlK	173.	1.0	.0	.0	.0	.0	.0	.2	.7	.0	.1	.0	.0	.0
19. SW BlK	6.	.9	.0	.0	.0	.0	.0	.2	.0	.0	.5	.0	.0	.0
20. NE BlK	187.	1.0	.0	.0	.0	.0	.0	.6	.2	.0	.0	.0	.0	.0

JOB: Rocklin Commons
 RUN: Ex PP-12
 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	H	W
A.	Sierra C NBA *	7	-150	7	0	* AG	953	5.4	.0	17.0
B.	Sierra C NBD *	7	0	7	150	* AG	980	3.8	.0	15.3
C.	Sierra C NBI *	2	-150	0	0	* AG	0	3.6	.0	10.0
D.	Sierra C SBA *	-9	150	-9	0	* AG	851	5.4	.0	13.5
E.	Sierra C SBD *	-9	0	-9	-150	* AG	851	3.8	.0	13.5
F.	Sierra C SBI *	-5	150	0	0	* AG	20	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	20	4.2	.0	10.0
I.	Domingue EBI *	-150	-2	0	0	* AG	0	3.6	.0	10.0
J.	Domingue WBA *	150	11	0	11	* AG	27	6.8	.0	10.0
K.	Domingue WBD *	0	11	-150	11	* AG	0	3.6	.0	10.0
L.	Domingue WBI *	150	9	0	0	* AG	0	3.6	.0	10.0
M.	Sierra NBAX *	7	-750	7	-150	* AG	953	3.6	.0	17.0
N.	Sierra NBDX *	7	150	7	750	* AG	980	3.6	.0	15.3
O.	Sierra SBAX *	-9	750	-9	150	* AG	871	3.6	.0	13.5
P.	Sierra SBDX *	-9	-150	-9	-750	* AG	851	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	20	3.6	.0	10.0
S.	Domingu WBAX *	750	11	150	11	* AG	27	3.6	.0	10.0
T.	Domingu WBDX *	-150	11	-750	11	* AG	0	3.6	.0	10.0

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

III. RECEPTOR LOCATIONS

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

□

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
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JOB: Rocklin Commons (WORST CASE ANGLE)
RUN: Ex Pp-12
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	188.	.9	.6	.0	.0	.0	.0	.0	.0	.0
2. NW	8.	.9	.0	.0	.0	.6	.0	.0	.0	.0
3. SW	8.	.9	.0	.1	.0	.6	.0	.0	.0	.0
4. NE	187.	.9	.5	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	338.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	92.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	22.	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	261.	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	352.	1.0	.6	.0	.1	.0	.0	.0	.0	.0
10. NW mbdlk	172.	1.0	.1	.1	.0	.6	.0	.0	.0	.0
11. SW mbdlk	7.	.8	.1	.0	.0	.4	.0	.0	.0	.0
12. NE mbdlk	187.	.8	.0	.4	.0	.0	.0	.0	.0	.0
13. ES dlk	275.	.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	90.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	88.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	265.	.1	.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	7.	.8	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dlk	187.	.8	.0	.0	.0	.0	.0	.0	.0	.0

□

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
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JOB: Rocklin Commons (WORST CASE ANGLE)
RUN: Ex Pp-12
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	.1	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.1	.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 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	.5	.0	.2	.0	.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	.0	.2	.0	.0	.0	.0	.0
20. NE dlk	.0	.0	.0	.0	.0	.5	.2	.0	.0	.0	.0	.0

□

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

I. SITE VARIABLES
 U= .5 M/S
 BRG= WORST CASE
 CLAS= 7 (G)
 MIXH= 1000. M
 SIGRH= 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	978	5.6	.0	13.5
B. Sierra C NBD	9	0	9	150	* AG	942	3.8	.0	11.8
C. Sierra C NBI	5	-150	0	0	* AG	298	8.0	.0	10.0
D. Sierra C SBA	-9	150	-9	0	* AG	679	5.4	.0	13.5
E. Sierra C SBD	-9	0	-9	-150	* AG	1021	3.8	.0	11.8
F. Sierra C SBL	-3	150	0	0	* AG	119	7.5	.0	10.0
G. Sierra C EBA	-150	-9	0	-9	* AG	639	7.7	.0	13.5
H. Rocklin EBD	0	-9	150	-9	* AG	652	4.8	.0	10.0
I. Rocklin EBL	-150	0	0	0	* AG	184	7.5	.0	10.0
J. Rocklin MBA	150	7	7	7	* AG	217	6.8	.0	10.0
K. Rocklin MBD	0	7	-150	7	* AG	529	4.3	.0	10.0
L. Rocklin MBL	150	0	0	0	* AG	30	7.5	.0	10.0
M. Sierra NBAX	9	-750	9	-150	* AG	1276	3.6	.0	13.5
N. Sierra NBDX	9	150	9	750	* AG	942	3.6	.0	11.8
O. Sierra SBAX	-9	750	-9	150	* AG	798	3.6	.0	13.5
P. Sierra SBDX	-9	-150	-9	-750	* AG	1021	3.6	.0	11.8
Q. Rocklin EBAX	-750	-9	-150	-9	* AG	823	3.6	.0	13.5
R. Rocklin EBDX	150	-9	750	-9	* AG	652	3.6	.0	10.0
S. Rocklin WBAX	750	7	150	7	* AG	247	3.6	.0	10.0
T. Rocklin WBDX	-150	7	-750	7	* AG	529	3.6	.0	10.0

□

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

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 dlk	600	-15	1.8
14. WS dlk	-600	14	1.8
15. WN dlk	-600	-17	1.8
16. EN dlk	600	14	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	16	600	1.8

□

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

JOB: Rocklin Commons (WORST CASE ANGLE)
RUN: Ex Pp-13
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.	1.5	.3	.0	.1	.0	.1	.0	.6	.0
2. NW	170.	1.4	.2	.0	.1	.0	.4	.0	.2	.0
3. SW	8.	1.3	.0	.1	.0	.4	.1	.0	.3	.0
4. NE	188.	1.4	.6	.0	.2	.0	.1	.0	.0	.1
5. ES mbdlk	276.	.9	.0	.0	.0	.0	.0	.0	.0	.4
6. RN mbdlk	100.	.9	.0	.0	.0	.0	.0	.0	.2	.0
7. NS mbdlk	81.	1.1	.0	.0	.0	.0	.0	.0	.7	.0
8. EN mbdlk	263.	.8	.0	.0	.0	.0	.0	.0	.1	.0
9. SE mbdlk	351.	1.4	.7	.0	.2	.0	.0	.0	.0	.0
10. NW mbdlk	173.	1.1	.1	.0	.0	.5	.0	.0	.0	.0
11. SW mbdlk	8.	1.1	.1	.0	.1	.0	.5	.0	.0	.0
12. NE mbdlk	187.	1.1	.0	.5	.0	.0	.0	.0	.0	.0
13. ES bdk	275.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	97.	.7	.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.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	353.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW bdk	174.	.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW bdk	7.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bdk	186.	.9	.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 Pp-13
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	277.	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	170.	1.4	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0
3. SW	8.	1.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NE	188.	1.4	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
5. ES mbdlk	276.	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. RN mbdlk	100.	.9	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. NS mbdlk	81.	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdlk	263.	.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	351.	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	173.	1.1	.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	275.	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	97.	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	84.	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	264.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	353.	1.0	.0	.0	.0	.0	.0	.7	.0	.0	.2	.0	.0	.0
18. NW bdk	174.	.8	.0	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0
19. SW bdk	7.	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0
20. NE bdk	186.	.9	.0	.0	.0	.0	.0	.5	.2	.0	.0	.0	.0	.0

□

JOB: Rocklin Commons
 RUN: Ex Pp-14
 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 ANB= .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.	Horsesho NBA	7	-150	7	0	AG	647	6.1	.0	10.0
B.	Horsesho NBD	7	0	7	150	AG	1115	4.1	.0	10.0
C.	Horsesho NBI	5	-150	0	0	AG	8	7.5	.0	10.0
D.	Horsesho SBA	-7	150	-7	0	AG	474	6.0	.0	10.0
E.	Horsesho SBD	-7	0	-7	-150	AG	556	3.9	.0	10.0
F.	Horsesho SBI	-5	150	0	0	AG	409	8.1	.0	10.0
G.	aylor R EBA	-4	-4	0	-4	AG	20	5.8	.0	10.0
H.	aylor R EBD	0	-4	150	-4	AG	532	3.9	.0	10.0
I.	aylor R EBI	-150	-2	0	0	AG	7	7.5	.0	10.0
J.	aylor R MBA	150	5	0	5	AG	585	6.0	.0	11.8
K.	aylor R MBD	0	5	-150	0	AG	31	3.9	.0	10.0
L.	aylor R MBI	150	2	0	0	AG	84	7.5	.0	10.0
M.	Horsesh NBDX	7	-750	7	-150	AG	635	3.6	.0	10.0
N.	Horsesh NBDX	7	150	7	750	AG	1115	3.6	.0	10.0
O.	Horsesh SBDX	-7	750	-7	150	AG	883	3.6	.0	10.0
P.	Horsesh SBDX	-7	-150	-7	-750	AG	556	3.6	.0	10.0
Q.	aylor EBDX	-750	-4	-150	-4	AG	27	3.6	.0	10.0
R.	aylor EBDX	150	-4	750	-4	AG	532	3.6	.0	10.0
S.	aylor WBDX	750	5	150	5	AG	669	3.6	.0	11.8
T.	aylor WBDX	-150	5	-750	5	AG	31	3.6	.0	10.0

□

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

III. RECEPTOR LOCATIONS

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

□

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

JOB: Rocklin Commons
RUN: Ex P-14
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	381.	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 mdbl	282.	.8	.0	.0	.0	.0	.0	.0	.0	.3
6. WN mdbl	92.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdbl	87.	.4	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdbl	260.	.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	170.	1.2	.0	.2	.0	.4	.0	.4	.0	.0
11. SW mdbl	7.	.9	.1	.1	.0	.3	.0	.4	.0	.0
12. NE mdbl	188.	1.1	.0	.6	.0	.1	.0	.2	.0	.0
13. ES dlk	277.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	91.	.2	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	87.	.2	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dlk	264.	.6	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	354.	.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	173.	.9	.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.	.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 P-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 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 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	.1	.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	.0	.3	.0	.0	.0
20. NE dlk	.0	.0	.0	.0	.0	.6	.2	.0	.0	.0	.0	.0

□

JOB: Rocklin Commons (WORST CASE ANGLE)
 RUN: Ex Pp-15
 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.	Horsesho NBA *	9	-150	9	0	* AG	537	5.8	.0	13.5
B.	Horsesho NBD *	9	0	9	150	* AG	527	3.9	.0	11.8
C.	Horsesho NBL *	5	-150	0	0	* AG	95	7.5	.0	10.0
D.	Horsesho SBA *	-7	150	-7	0	* AG	596	6.8	.0	10.0
E.	Horsesho SBD *	-7	0	-7	-150	* AG	423	4.0	.0	10.0
F.	Horsesho SBL *	-5	150	0	0	* AG	48	7.5	.0	10.0
G.	I-80 WB EBA *	-150	-3	0	-5	* AG	120	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	75	7.5	.0	10.0
J.	I-80 WB WBA *	150	7	0	7	* AG	122	5.7	.0	10.0
K.	I-80 WB WBD *	0	7	-150	7	* AG	532	3.7	.0	10.0
L.	I-80 WB WBL *	150	5	0	0	* AG	140	7.5	.0	10.0
M.	Horsesho NBDX *	9	-750	9	-150	* AG	652	3.6	.0	13.5
N.	Horsesho NBDX *	9	150	9	750	* AG	527	3.6	.0	11.8
O.	Horsesho SBAX *	-7	750	-7	150	* AG	644	3.6	.0	10.0
P.	Horsesho SBDX *	-7	-150	-7	-750	* AG	423	3.6	.0	10.0
Q.	I-80 WB EBAX *	-750	-5	-150	-5	* AG	195	3.4	.0	11.8
R.	I-80 WB EBDX *	150	-5	750	-5	* AG	271	3.4	.0	10.0
S.	I-80 WB KBAX *	750	7	150	7	* AG	262	3.4	.0	10.0
T.	I-80 WB WBDX *	-150	7	-750	7	* AG	532	3.4	.0	10.0

□

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

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 medBlk *	150	-12	1.8
6. WN medBlk *	-150	14	1.8
7. WS medBlk *	-150	-13	1.8
8. EN medBlk *	150	14	1.8
9. SE medBlk *	17	-150	1.8
10. NW medBlk *	-14	150	1.8
11. SW medBlk *	-14	-150	1.8
12. NE medBlk *	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. EN 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

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 3
 JOB: Rocklin Commons
 RUN: Ex Pp-15
 POLLUTANT: Carbon Monoxide
 (WORST CASE ANGLE)

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

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

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 4
 JOB: Rocklin Commons
 RUN: Ex Pp-15
 POLLUTANT: Carbon Monoxide
 (WORST CASE ANGLE)

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

RECEPTOR	I	J	K	L	M	CONC/LINK (PPM)							
						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	.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	.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	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. NS mbdlk	.0	.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	.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	.0	.0	.0
14. WN dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0
16. EN dlk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dlk	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0	.0
19. SW dlk	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
20. NE dlk	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)
 RUN: Ex P-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)
 ALT= 76. (M)

II. LINK VARIABLES

LINK DESCRIPTION	* X1	* Y1	* X2	* Y2	* TYPE	VEH	EF (G/MT)	H (M)	W (M)
A. Horseho NBA	4	-150	4	0	* AG	417	5.7	.0	10.0
B. Horseho NBD	4	0	4	150	* AG	679	4.0	.0	10.0
C. Horseho NBL	2	-150	0	0	* AG	0	3.6	.0	10.0
D. Horseho SBA	-4	150	-4	0	* AG	260	5.3	.0	10.0
E. Horseho SBD	-4	0	-4	-150	* AG	315	3.7	.0	10.0
F. Horseho 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 EBD	0	0	150	0	* AG	148	3.9	.0	10.0
I. I-80 EB EBL	-150	0	0	0	* AG	0	3.4	.0	10.0
J. I-80 EB WBA	150	5	0	5	* AG	312	7.7	.0	10.0
K. I-80 EB WBD	0	5	-150	0	* AG	0	3.4	.0	10.0
L. I-80 EB WBL	150	0	0	0	* AG	53	7.5	.0	10.0
M. Horseesh NBA	4	-750	4	-150	* AG	417	3.6	.0	10.0
N. Horseesh NBD	4	150	4	750	* AG	679	3.6	.0	10.0
O. Horseesh NBL	-4	750	-4	150	* AG	358	3.6	.0	10.0
P. Horseesh SBA	-4	-150	-4	-750	* AG	315	3.6	.0	10.0
Q. Horseesh SBD	-4	0	-4	-150	* AG	0	3.4	.0	10.0
R. I-80 EB EBA	-750	0	0	0	* AG	148	3.4	.0	10.0
S. I-80 EB EBD	150	0	750	0	* AG	367	3.4	.0	10.0
T. I-80 EB EBL	-150	0	0	0	* AG	0	3.4	.0	10.0

□

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

III. RECEPTOR LOCATIONS

RECEPTOR	* X	* Y	* Z	COORDINATES (M)
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 mdblk	150	-7	1.8	
6. WN mdblk	-150	12	1.8	
7. WS mdblk	-150	-7	1.8	
8. EN mdblk	150	12	1.8	
9. SE mdblk	10	-150	1.8	
10. NW mdblk	-10	150	1.8	
11. SW mdblk	-10	-150	1.8	
12. NE mdblk	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	

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 3
 JOB: Rocklin Commons
 RUN: Ex P-16
 POLLUTANT: Carbon Monoxide
 (WORST CASE ANGLE)

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

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

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 4
 JOB: Rocklin Commons
 RUN: Ex P-16
 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	.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 mbdlk	.0	.2	.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	.4	.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	.3	.0	.0	.1	.0	.0	.0
18. NW dlk	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0
19. SW dlk	.0	.0	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0
20. NE dlk	.0	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0

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

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	VPH	EF (G/MI)	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 NBI	2	-150	0	0	* AG	150	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	271	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	236	5.3	.0	10.0
H. Brace Rd EBD	0	-4	0	-4	* AG	151	3.7	.0	10.0
I. Brace Rd EBI	-150	-2	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	221	3.7	.0	10.0
L. Brace Rd WBI	150	2	0	-150	* AG	114	7.5	.0	10.0
M. Barton NBA	4	-750	0	0	* AG	222	3.6	.0	10.0
N. Barton NBD	4	150	4	750	* AG	0	3.6	.0	10.0
O. Barton NBI	0	750	0	150	* AG	271	3.6	.0	10.0
P. Barton SBA	0	-150	0	-750	* AG	0	3.6	.0	10.0
Q. Brace R EBA	-750	-4	-150	-4	* AG	236	3.6	.0	10.0
R. Brace R EBD	150	-4	750	-4	* AG	151	3.6	.0	10.0
S. Brace R EBI	750	-4	150	-4	* AG	185	3.6	.0	10.0
T. Brace R WBA	-150	4	-750	4	* AG	221	3.6	.0	10.0

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

□

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

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

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG * (DEG)	* PREC * CONC * (PPM)	A	B	C	D	E	F	G	H
1. SE	276	.5	.0	.0	.0	.0	.0	.0	.2	.0
2. NW	174	.6	.0	.0	.2	.0	.2	.0	.0	.0
3. SW	173	.5	.0	.0	.2	.0	.2	.0	.0	.0
4. NE	187	.5	.0	.0	.1	.0	.1	.0	.0	.0
5. ES mbdlk	275	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdlk	97	.3	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdlk	84	.4	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mbdlk	263	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	350	.4	.0	.0	.2	.0	.1	.0	.0	.0
10. NW mbdlk	178	.2	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdlk	9	.4	.0	.0	.2	.0	.2	.0	.0	.0
12. NE mbdlk	182	.2	.0	.0	.0	.0	.0	.0	.0	.0
13. ES dlk	275	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dlk	96	.3	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dlk	95	.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	354	.3	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dlk	179	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dlk	6	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dlk	181	.0	.0	.0	.0	.0	.0	.0	.0	.0

□

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

JOB: Rocklin Commons
 RUN: Ex Pp-17
 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	.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	.1	.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	.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 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	.2	.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	.1	.0	.0	.1	.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	.1	.0	.0	.0	.0	.0	.0
20. NE dlk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0

□

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

I. SITE VARIABLES
 U= .5 M/S
 BRG= WORST CASE
 CLAS= 7 (G)
 MIXH= 1000. M
 SIGFH= 10. DEGREES
 VDI= 100. CM
 VDS= .0 CM/S
 VSS= .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.	Barton R NBA *	4	-150	4	0	* AG	68	5.3	.0	10.0
B.	Barton R NBD *	4	0	4	150	* AG	129	3.7	.0	10.0
C.	Barton R NBI *	2	-150	0	0	* AG	201	8.0	.0	10.0
D.	Barton R SBA *	-4	150	-4	0	* AG	98	5.3	.0	10.0
E.	Barton R SBD *	-4	0	-4	-150	* AG	337	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	294	7.1	.0	10.0
H.	Rocklin EBD *	0	-5	150	-5	* AG	0	3.6	.0	10.0
I.	Rocklin EBI *	-150	-5	0	0	* AG	61	7.5	.0	10.0
J.	Rocklin MBA *	150	0	0	0	* AG	0	3.6	.0	10.0
K.	Rocklin MBD *	0	0	-150	0	* AG	256	4.3	.0	10.0
L.	Rocklin MBI *	150	2	0	0	* AG	0	3.6	.0	10.0
M.	Barton NBA *	4	-750	4	-150	* AG	269	3.6	.0	10.0
N.	Barton NBD *	4	150	4	750	* AG	129	3.6	.0	10.0
O.	Barton SBA *	-4	750	-4	150	* AG	98	3.6	.0	10.0
P.	Barton SBD *	-4	-150	-4	-750	* AG	337	3.6	.0	10.0
Q.	Rocklin EBA *	-750	-5	-150	-5	* AG	355	3.6	.0	10.0
R.	Rocklin EBD *	150	-5	750	-5	* AG	0	3.6	.0	10.0
S.	Rocklin MBA *	750	0	150	0	* AG	0	3.6	.0	10.0
T.	Rocklin MBI *	-150	0	-750	0	* AG	256	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 mdblk *	150	-12	1.8
6. WN mdblk *	-150	7	1.8
7. WS mdblk *	-150	-12	1.8
8. EN mdblk *	150	7	1.8
9. SE mdblk *	10	-150	1.8
10. NW mdblk *	-10	150	1.8
11. SW mdblk *	-10	-150	1.8
12. NE mdblk *	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

□

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

JOB: Rocklin Commons (WORST CASE ANGLE)
RUN: Ex Pp-18
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	276.	.7	.0	.0	.0	.0	.0	.0	.3	.0
2. NW	173.	.7	.0	.0	.2	.0	.2	.0	.1	.0
3. SW	277.	.5	.0	.0	.0	.0	.0	.0	.3	.0
4. NE	263.	.6	.0	.0	.0	.0	.0	.0	.2	.0
5. ES mdblK	272.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	101.	.5	.0	.0	.0	.0	.0	.0	.2	.0
7. WS mdblK	80.	.5	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblK	267.	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	350.	.5	.0	.0	.2	.0	.1	.0	.0	.0
10. NW mdblK	177.	.3	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblK	8.	.4	.0	.0	.2	.0	.2	.0	.0	.0
12. NE mdblK	185.	.3	.0	.0	.0	.0	.0	.0	.0	.0
13. ES dLk	269.	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dLk	96.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dLk	84.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dLk	268.	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dLk	354.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. NW dLk	177.	.2	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dLk	5.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dLk	185.	.2	.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 Pp-18
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	276.	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	173.	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	277.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	263.	.6	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblK	272.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	101.	.5	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	80.	.5	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	267.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	350.	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	177.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblK	8.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblK	185.	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES dLk	269.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dLk	96.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2
15. WS dLk	84.	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dLk	268.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dLk	354.	.4	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0
18. NW dLk	177.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dLk	5.	.4	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
20. NE dLk	185.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

□

JOB: Rocklin Commons
 RUN: Ex PP-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
 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	593	6.0	.0	10.0
B.	Sierra C NBD	7	0	7	150	AG	663	3.9	.0	10.0
C.	Sierra C NBI	5	-150	0	0	AG	2	7.5	.0	10.0
D.	Sierra C SBA	-7	150	-7	0	AG	363	5.8	.0	10.0
E.	Sierra C SBD	-7	0	-7	-150	AG	379	3.9	.0	10.0
F.	Sierra C SBI	-5	150	0	0	AG	63	7.5	.0	10.0
G.	King Rd. EBA	-150	-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. EBI	-150	-2	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. WBI	150	2	0	0	AG	15	7.5	.0	10.0
M.	Sierra NBAX	7	-750	7	-150	AG	595	3.6	.0	10.0
N.	Sierra NBDX	7	150	7	750	AG	663	3.6	.0	10.0
O.	Sierra NBI	-7	750	-7	150	AG	426	3.6	.0	10.0
P.	Sierra SBDX	-7	-150	-7	-750	AG	379	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 PP-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.	ES meblk	150	-10
6.	WN meblk	-150	10
7.	RS meblk	-150	-10
8.	EN meblk	150	10
9.	SE meblk	14	-150
10.	NW meblk	-14	150
11.	SW meblk	-14	-150
12.	NE meblk	14	150
13.	ES Dik	600	-10
14.	WN Dik	-600	10
15.	WS Dik	-600	-10
16.	EN Dik	600	10
17.	SE Dik	14	-600
18.	NW Dik	-14	600
19.	SW Dik	-14	-600
20.	NE Dik	14	600

JOB: Rocklin Commons
 RUN: Ex PP-19
 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	352.	.7	.0	.3	.0	.0	.0	.0	.0	.0
2. NW	8.	.6	.0	.0	.0	.3	.0	.0	.0	.0
3. SW	8.	.6	.0	.1	.0	.3	.0	.0	.0	.0
4. NE	187.	.7	.5	.0	.0	.0	.0	.0	.0	.0
5. ES mbdlk	278.	.2	.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	282.	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdlk	353.	.8	.5	.0	.0	.0	.0	.0	.0	.0
10. NW mbdlk	172.	.7	.0	.0	.0	.3	.0	.0	.0	.0
11. SW mbdlk	7.	.6	.1	.0	.0	.2	.0	.0	.0	.0
12. NE mbdlk	187.	.7	.0	.4	.0	.0	.0	.0	.0	.0
13. ES bdk	275.	.2	.0	.0	.0	.0	.0	.0	.0	.0
14. WN bdk	93.	.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS bdk	87.	.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	269.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	354.	.5	.0	.0	.0	.0	.0	.0	.0	.0
18. NW bdk	174.	.5	.0	.0	.0	.0	.0	.0	.0	.0
19. SW bdk	6.	.5	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bdk	188.	.6	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons
 RUN: Ex PP-19
 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	.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 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	.4	.0	.0	.0	.0	.0	.0	.0
18. NW bdk	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.0
19. SW bdk	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
20. NE bdk	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons
 RUN: Ex PP-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/MT)	H (M)	M (M)
A.	Sierra C NBA	4	-150	4	0	AG	630	3.6	.0	10.0
B.	Sierra C NBD	4	0	4	150	AG	683	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	376	5.6	.0	10.0
E.	Sierra C SBD	-5	0	-5	-150	AG	379	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	0	AG	0	3.6	.0	10.0
L.	English WBL	150	2	0	0	AG	3	7.5	.0	10.0
M.	Sierra NBA	4	-750	4	-150	AG	630	3.6	.0	10.0
N.	Sierra NBD	4	150	4	750	AG	683	3.6	.0	10.0
O.	Sierra SBA	-5	750	-5	150	AG	423	3.6	.0	10.0
P.	Sierra SBD	-5	-150	-5	-750	AG	379	3.6	.0	10.0
Q.	English EBA	-750	0	-150	0	AG	0	3.6	.0	10.0
R.	English EBD	150	0	750	0	AG	51	3.6	.0	10.0
S.	English WBA	750	4	150	4	AG	60	3.6	.0	10.0
T.	English WBD	-150	4	-750	4	AG	0	3.6	.0	10.0

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 mbdk	150	-7	1.8
6.	WN mbdk	-150	10	1.8
7.	WS mbdk	-150	-7	1.8
8.	EN mbdk	150	10	1.8
9.	SE mbdk	10	-150	1.8
10.	NW mbdk	-12	150	1.8
11.	SW mbdk	-12	-150	1.8
12.	NE mbdk	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	-12	600	1.8
19.	SW blk	-12	-600	1.8
20.	NE blk	10	600	1.8

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

JOB: Rocklin Commons (WORST CASE ANGLE)
 RUN: Ex Pp-20
 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.	.7	.0	.4	.0	.1	.0	.0	.0	.0
2. NW	7.	.6	.0	.1	.0	.3	.0	.0	.0	.0
3. SW	7.	.6	.0	.1	.0	.3	.0	.0	.0	.0
4. NE	187.	.7	.5	.0	.0	.0	.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. RS mdblK	89.	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	261.	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	353.	.8	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	173.	.7	.0	.1	.0	.3	.0	.0	.0	.0
11. SW mdblK	7.	.6	.2	.0	.0	.2	.0	.0	.0	.0
12. NE mdblK	187.	.7	.0	.4	.0	.1	.0	.0	.0	.0
13. ES dLk	275.	.1	.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	265.	.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dLk	354.	.6	.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.	.5	.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 Pp-20
 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.	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	7.	.6	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
3. SW	7.	.6	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
4. NE	187.	.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblK	280.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	92.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. RS mdblK	89.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	261.	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	353.	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	173.	.7	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
11. SW mdblK	7.	.6	.2	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
12. NE mdblK	187.	.7	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
13. ES dLk	275.	.1	.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	265.	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dLk	354.	.6	.0	.0	.0	.0	.0	.0	.4	.0	.1	.0	.0	.0
18. NW dLk	174.	.5	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0
19. SW dLk	6.	.5	.0	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0	.0
20. NE dLk	186.	.6	.0	.0	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0

JOB: Rocklin Commons
 RUN: Ex Pp-21
 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
 20= 100. CM
 VD= .0 CM/S
 VS= .0 CM/S
 AMS= .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.	Taylor R NBA	7	-150	7	0	AG	456	5.7	.0	10.0
B.	Taylor R NBD	7	0	7	150	AG	441	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	294	5.3	.0	13.5
E.	Taylor R SBD	-9	0	-9	-150	AG	706	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	0	0	0	AG	67	7.5	.0	10.0
J.	King Rd. WBA	150	7	7	7	AG	115	6.8	.0	10.0
K.	King Rd. WBD	0	7	0	7	AG	445	4.3	.0	10.0
L.	King Rd. WBL	150	5	-150	0	AG	93	7.3	.0	10.0
M.	Taylor NBDX	7	-750	7	-150	AG	818	3.6	.0	10.0
N.	Taylor NBDX	7	150	7	750	AG	441	3.6	.0	10.0
O.	Taylor SBDX	-9	750	-9	150	AG	322	3.6	.0	13.5
P.	Taylor SBDX	-9	-150	-9	-750	AG	706	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 WBD	-150	7	-750	7	AG	445	3.6	.0	10.0

□

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

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z	COORDINATES (M)
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 meblk	150	-14	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	14	-150	1.8
10.	NW meblk	-17	150	1.8
11.	SW meblk	-16	-150	1.8
12.	NE meblk	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 PP-21
 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.	1.1	.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 mbdk	275.	.5	.0	.0	.0	.0	.0	.0	.1	.1
6. WN mbdk	101.	.7	.0	.0	.0	.0	.0	.0	.2	.0
7. WS mbdk	82.	.8	.0	.0	.0	.0	.0	.0	.5	.0
8. EN mbdk	263.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdk	350.	1.0	.4	.0	.4	.0	.1	.0	.0	.0
10. NW mbdk	174.	.7	.0	.0	.0	.2	.0	.0	.0	.0
11. SW mbdk	9.	.8	.0	.0	.1	.0	.4	.0	.0	.0
12. NE mbdk	186.	.7	.0	.2	.0	.0	.0	.0	.0	.0
13. ES bdk	275.	.3	.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.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN bdk	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE bdk	353.	.8	.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.	.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE bdk	186.	.5	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons
 RUN: Ex PP-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	.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 mbdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mbdk	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mbdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mbdk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mbdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mbdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mbdk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mbdk	.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	.5	.0	.0	.2	.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	.2	.0	.0	.4	.0	.0	.0
20. NE bdk	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons
 RUN: Ex Pp-22
 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
 ANB= .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 NBA	4	-150	4	0	* AG	416	3.7	.0	10.0
B. Granite NBD	4	0	4	150	* AG	345	3.8	.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	188	5.3	.0	10.0
E. Granite SBD	-2	0	-2	-150	* AG	273	3.8	.0	10.0
F. Granite SBL	-2	150	0	0	* AG	0	3.6	.0	10.0
G. Granite SBA	-150	0	0	0	* AG	0	3.6	.0	10.0
H. Project EBD	0	0	150	0	* AG	71	4.2	.0	10.0
I. Project EBI	-150	0	0	0	* AG	0	3.6	.0	10.0
J. Project MBA	150	0	4	0	* AG	0	3.6	.0	10.0
K. Project MBL	0	4	-150	0	* AG	0	3.6	.0	10.0
L. Project MBL	150	0	4	0	* AG	95	7.5	.0	10.0
M. Granite NBA	4	-750	4	-150	* AG	416	3.6	.0	10.0
N. Granite NBD	4	150	4	750	* AG	345	3.6	.0	10.0
O. Granite SBAX	-2	750	-2	150	* AG	188	3.6	.0	10.0
P. Granite SBDX	-2	-150	-2	-750	* AG	273	3.6	.0	10.0
Q. Project EBAX	-750	0	-150	0	* AG	0	3.6	.0	10.0
R. Project EBDX	150	0	750	0	* AG	71	3.6	.0	10.0
S. Project WBAX	750	4	150	4	* AG	85	3.6	.0	10.0
T. Project WBDX	-150	4	-750	4	* AG	0	3.6	.0	10.0

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 mbdlk	150	-7	1.8
6. WN mbdlk	-150	10	1.8
7. RS mbdlk	-150	-7	1.8
8. EN mbdlk	150	10	1.8
9. SE mbdlk	10	-150	1.8
10. NW mbdlk	-8	150	1.8
11. SW mbdlk	-8	-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	-7	-7	1.8
16. EN dlk	600	10	1.8
17. SE dlk	10	-600	1.8
18. NW dlk	-8	600	1.8
19. SW dlk	-8	-600	1.8
20. NE dlk	10	600	1.8

JOB: Rocklin Commons (WORST CASE ANGLE)
 RUN: Ex Pp-22
 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	187.	.5	.3	.0	.0	.0	.0	.0	.0	.0
2. NW	173.	.4	.2	.0	.0	.0	.1	.0	.0	.0
3. SW	173.	.4	.2	.0	.0	.0	.2	.0	.0	.0
4. NE	186.	.6	.3	.0	.0	.0	.0	.0	.0	.0
5. ES mdblK	279.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblK	93.	.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblK	89.	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblK	261.	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblK	353.	.5	.4	.0	.0	.0	.0	.0	.0	.0
10. NW mdblK	174.	.4	.2	.0	.0	.2	.0	.0	.0	.0
11. SW mdblK	7.	.4	.2	.0	.0	.0	.0	.0	.0	.0
12. NE mdblK	185.	.4	.2	.0	.0	.0	.0	.0	.0	.0
13. ES dLk	275.	.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN dLk	92.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS dLk	91.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN dLk	265.	.2	.0	.0	.0	.0	.0	.0	.0	.0
17. SE dLk	354.	.4	.3	.0	.0	.0	.0	.0	.0	.0
18. NW dLk	174.	.3	.0	.0	.0	.0	.0	.0	.0	.0
19. SW dLk	6.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. NE dLk	185.	.4	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Rocklin Commons (WORST CASE ANGLE)
 RUN: Ex Pp-22
 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	.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	.3	.0	.0	.1	.0	.0	.0	.0
18. NW dLk	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0
19. SW dLk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
20. NE dLk	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0