

APPENDIX 3.3-3

CO Hotspot Analysis

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
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JOB: Buttonwillow&Manning2040
 RUN: STANDARD RUN (WORST CASE ANGLE)
 POLLUTANT: CO

I. SITE VARIABLES

U= 1.0 M/S Z0= 10. CM ALT= 103.9 (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.4 PPM
 SIGTH= 10. DEGREES TEMP= 10.2 DEGREE (C)

II. LINK VARIABLES

LINK	*	LINK COORDINATES (FT)				*	EF	H	W
DESCRIPTION	*	X1	Y1	X2	Y2	* TYPE	(G/MI)	(FT)	(FT)
A. Canyon Crest	*	500	36	30	36	* AG	97	1.5	0.0 33.0
B. Canyon Crest	*	500	18	-30	18	* AG	589	1.5	0.0 33.0
C. Canyon Crest	*	500	-12	-18	-12	* AG	264	1.5	0.0 33.0
D. Canyon Crest	*	-30	18	-500	18	* AG	823	1.5	0.0 33.0
E. Canyon Crest	*	-500	-12	30	-12	* AG	91	1.5	0.0 33.0
F. Canyon Crest	*	-500	-54	-18	-54	* AG	533	1.5	0.0 33.0
G. Canyon Crest	*	0	-36	500	-36	* AG	146	1.5	0.0 33.0
H. College Ave	*	12	-500	12	18	* AG	1032	1.5	0.0 33.0
I. College Ave	*	30	-500	30	-12	* AG	332	1.5	0.0 33.0
J. College Ave	*	42	-500	42	-36	* AG	434	1.5	0.0 33.0
K. College Ave	*	30	-12	30	500	* AG	76	1.5	0.0 33.0
L. College Ave	*	0	500	0	-36	* AG	677	1.5	0.0 33.0
M. College Ave	*	-18	500	-18	-12	* AG	158	1.5	0.0 33.0
N. College Ave	*	-30	500	-30	18	* AG	525	1.5	0.0 33.0
O. College Ave	*	-18	-12	-18	-500	* AG	167	1.5	0.0 33.0
P. Canyon Crest	*	-500	-36	0	-36	* AG	880	1.5	0.0 33.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)		
	*	X	Y	Z
1. SR1	*	-40	25	5.9
2. SR2	*	40	45	5.9
3. SR3	*	-30	-60	5.9
4. SR4	*	50	-45	5.9

