Appendix B2. Air Quality Modeling Output

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

JOB: ElNorteBroadwayAM
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT:

I. SITE VARIABLES

U=	0.5 M/S	Z0=	100. CM	ALT=	0. (M)
BRG=	WORST CASE	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	10. M	AMB=	4.2 PPM		
SIGTH=	25. DEGREES	TEMP=	4.4 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. A	*	-150	0	0	0	* AG	1721	0.6	0.0	10.0
B. B	*	0	150	0	0	* AG	1461	0.6	0.0	10.0
C. C	*	0	0	150	0	* AG	1010	0.6	0.0	10.0
D. D	*	0	0	0	-150	* AG	1311	0.6	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	9	-9	1.5
2. NW	*	-9	9	1.5
3. NE	*	9	9	1.5
4. SW	*	-9	-9	1.5

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED CONC (PPM)	*	CONC/LINK (PPM) A	B	C	D
1. SE	*	282.	* 4.3	*	0.1	0.0	0.0	0.0
2. NW	*	167.	* 4.3	*	0.0	0.0	0.0	0.1
3. NE	*	258.	* 4.3	*	0.1	0.0	0.0	0.0

4.	SW	*	12.	*	4.3	*	0.1	0.1	0.0	0.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: LincolnBroadwayAM
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT:

I. SITE VARIABLES

U=	0.5 M/S	Z0=	100. CM	ALT=	0. (M)
BRG=	WORST CASE	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	10. M	AMB=	4.2 PPM		
SIGTH=	25. DEGREES	TEMP=	4.4 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. A	*	-150	0	0	0	* AG	931	0.6	0.0	10.0
B. B	*	0	150	0	0	* AG	1365	0.6	0.0	10.0
C. C	*	0	0	150	0	* AG	882	0.6	0.0	10.0
D. D	*	0	0	0	-150	* AG	1886	0.6	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	9	-9	1.5
2. NW	*	-9	9	1.5
3. NE	*	9	9	1.5
4. SW	*	-9	-9	1.5

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	BRG (DEG)	* PRED CONC (PPM)	*	CONC/LINK (PPM) A	B	C	D
1. SE	*	283.	4.3	*	0.0	0.0	0.0	0.1
2. NW	*	168.	4.3	*	0.0	0.0	0.0	0.1
3. NE	*	192.	4.3	*	0.0	0.0	0.0	0.1

4.	SW	*	77.	*	4.3	*	0.0	0.0	0.0	0.1

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

JOB: MissionBroadwayPM
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT:

I. SITE VARIABLES

U=	0.5 M/S	Z0=	100. CM	ALT=	0. (M)
BRG=	WORST CASE	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	10. M	AMB=	4.2 PPM		
SIGTH=	25. DEGREES	TEMP=	4.4 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. A	*	-150	0	0	0	* AG	1214	0.6	0.0	10.0
B. B	*	0	150	0	0	* AG	960	0.6	0.0	10.0
C. C	*	0	0	150	0	* AG	1106	0.6	0.0	10.0
D. D	*	0	0	0	-150	* AG	1389	0.6	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	9	-9	1.5
2. NW	*	-9	9	1.5
3. NE	*	9	9	1.5
4. SW	*	-9	-9	1.5

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* CONC/LINK (PPM) A	B	C	D
1. SE	* 283.	* 4.3	* 0.1	0.0	0.0	0.0
2. NW	* 168.	* 4.3	* 0.0	0.0	0.0	0.1
3. NE	* 193.	* 4.3	* 0.0	0.0	0.0	0.1

4.	SW	*	77.	*	4.3	*	0.0	0.0	0.1	0.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: ValleyRoseAM
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT:

I. SITE VARIABLES

U=	0.5 M/S	Z0=	100. CM	ALT=	0. (M)
BRG=	WORST CASE	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	10. M	AMB=	4.2 PPM		
SIGTH=	25. DEGREES	TEMP=	4.4 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. A	*	-150	0	0	0	* AG	806	0.6	0.0	10.0
B. B	*	0	150	0	0	* AG	1276	0.6	0.0	10.0
C. C	*	0	0	150	0	* AG	698	0.6	0.0	10.0
D. D	*	0	0	0	-150	* AG	609	0.6	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	9	-9	1.5
2. NW	*	-9	9	1.5
3. NE	*	9	9	1.5
4. SW	*	-9	-9	1.5

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* CONC/LINK (PPM) A	B	C	D
1. SE	* 348.	* 4.3	* 0.0	0.1	0.0	0.0
2. NW	* 102.	* 4.3	* 0.0	0.0	0.0	0.0
3. NE	* 258.	* 4.3	* 0.0	0.0	0.0	0.0

4.	SW	*	12.	*	4.3	*	0.0	0.1	0.0	0.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: WashAshAM
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT:

I. SITE VARIABLES

U=	0.5 M/S	Z0=	100. CM	ALT=	0. (M)
BRG=	WORST CASE	VD=	0.0 CM/S		
CLAS=	7 (G)	VS=	0.0 CM/S		
MIXH=	10. M	AMB=	4.2 PPM		
SIGTH=	25. DEGREES	TEMP=	4.4 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. A	*	-150	0	0	0	* AG	898	0.6	0.0	10.0
B. B	*	0	150	0	0	* AG	1110	0.6	0.0	10.0
C. C	*	0	0	150	0	* AG	731	0.6	0.0	10.0
D. D	*	0	0	0	-150	* AG	621	0.6	0.0	10.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. SE	*	9	-9	1.5
2. NW	*	-9	9	1.5
3. NE	*	9	9	1.5
4. SW	*	-9	-9	1.5

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* BRG (DEG)	* PRED CONC (PPM)	* CONC/LINK (PPM) A	B	C	D
1. SE	* 347.	* 4.3	* 0.0	0.1	0.0	0.0
2. NW	* 103.	* 4.3	* 0.0	0.0	0.0	0.0
3. NE	* 258.	* 4.3	* 0.0	0.0	0.0	0.0

4.	SW	*	12.	*	4.3	*	0.0	0.1	0.0	0.0