

Appendix 4.5 Sample Computer Outputs of CALINE4 Calculations

NO₂ – daytime (without proposed noise barriers)

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1
JOB: Los Angeles Express (1207) - NO₂, Daytime
RUN: NO₂ (WORST CASE ANGLE)
POLLUTANT: NO₂

I. SITE VARIABLES

LINE	X	Y	Z	TYPE	VPH	Q(M3)	H	W
1. S1E001	41887 18884 42887 18884	* 30	5856	2.75	29.8	36.0		
2. S1E001	41887 18884 43832 18834	* 30	5856	2.75	17.8	43.0		
3. S1E001	41932 18834 43954 18754	* 30	5856	5.31	11.2	36.0		
4. S1E001	41864 18794 43956 18756	* 30	5856	7.88	11.2	36.0		
5. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
6. S1E001	41890 18898 43831 18838	* 30	5857	2.75	8	36.0		
7. S1E001	41932 18834 43954 18754	* 30	5857	5.31	8	42.0		
8. S1E001	41864 18794 43956 18756	* 30	5857	7.88	8	36.0		
9. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
10. S1E001	41887 18884 43832 18834	* 30	5857	2.75	17.8	43.0		
11. S1E001	41932 18834 43954 18754	* 30	5857	5.31	11.2	36.0		
12. S1E001	41864 18794 43956 18756	* 30	5857	7.88	11.2	36.0		
13. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
14. S1E001	41890 18898 43831 18838	* 30	5857	2.75	8	36.0		
15. S1E001	41932 18834 43954 18754	* 30	5857	5.31	8	42.0		
16. S1E001	41864 18794 43956 18756	* 30	5857	7.88	8	36.0		
17. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
18. S1E001	41887 18884 43832 18834	* 30	5857	2.75	17.8	43.0		
19. S1E001	41932 18834 43954 18754	* 30	5857	5.31	11.2	36.0		
20. S1E001	41864 18794 43956 18756	* 30	5857	7.88	11.2	36.0		
21. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
22. S1E001	41890 18898 43831 18838	* 30	5857	2.75	8	36.0		
23. S1E001	41932 18834 43954 18754	* 30	5857	5.31	8	42.0		
24. S1E001	41864 18794 43956 18756	* 30	5857	7.88	8	36.0		
25. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
26. S1E001	41887 18884 43832 18834	* 30	5857	2.75	17.8	43.0		
27. S1E001	41932 18834 43954 18754	* 30	5857	5.31	11.2	36.0		
28. S1E001	41864 18794 43956 18756	* 30	5857	7.88	11.2	36.0		
29. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
30. S1E001	41890 18898 43831 18838	* 30	5857	2.75	8	36.0		
31. S1E001	41932 18834 43954 18754	* 30	5857	5.31	8	42.0		
32. S1E001	41864 18794 43956 18756	* 30	5857	7.88	8	36.0		
33. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
34. S1E001	41887 18884 43832 18834	* 30	5857	2.75	17.8	43.0		
35. S1E001	41932 18834 43954 18754	* 30	5857	5.31	11.2	36.0		
36. S1E001	41864 18794 43956 18756	* 30	5857	7.88	11.2	36.0		
37. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
38. S1E001	41890 18898 43831 18838	* 30	5857	2.75	8	36.0		
39. S1E001	41932 18834 43954 18754	* 30	5857	5.31	8	42.0		
40. S1E001	41864 18794 43956 18756	* 30	5857	7.88	8	36.0		
41. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
42. S1E001	41887 18884 43832 18834	* 30	5857	2.75	17.8	43.0		
43. S1E001	41932 18834 43954 18754	* 30	5857	5.31	11.2	36.0		
44. S1E001	41864 18794 43956 18756	* 30	5857	7.88	11.2	36.0		
45. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
46. S1E001	41890 18898 43831 18838	* 30	5857	2.75	8	36.0		
47. S1E001	41932 18834 43954 18754	* 30	5857	5.31	8	42.0		
48. S1E001	41864 18794 43956 18756	* 30	5857	7.88	8	36.0		
49. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
50. S1E001	41887 18884 43832 18834	* 30	5857	2.75	17.8	43.0		
51. S1E001	41932 18834 43954 18754	* 30	5857	5.31	11.2	36.0		
52. S1E001	41864 18794 43956 18756	* 30	5857	7.88	11.2	36.0		
53. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
54. S1E001	41890 18898 43831 18838	* 30	5857	2.75	8	36.0		
55. S1E001	41932 18834 43954 18754	* 30	5857	5.31	8	42.0		
56. S1E001	41864 18794 43956 18756	* 30	5857	7.88	8	36.0		
57. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
58. S1E001	41887 18884 43832 18834	* 30	5857	2.75	17.8	43.0		
59. S1E001	41932 18834 43954 18754	* 30	5857	5.31	11.2	36.0		
60. S1E001	41864 18794 43956 18756	* 30	5857	7.88	11.2	36.0		
61. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
62. S1E001	41890 18898 43831 18838	* 30	5857	2.75	8	36.0		
63. S1E001	41932 18834 43954 18754	* 30	5857	5.31	8	42.0		
64. S1E001	41864 18794 43956 18756	* 30	5857	7.88	8	36.0		
65. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
66. S1E001	41887 18884 43832 18834	* 30	5857	2.75	17.8	43.0		
67. S1E001	41932 18834 43954 18754	* 30	5857	5.31	11.2	36.0		
68. S1E001	41864 18794 43956 18756	* 30	5857	7.88	11.2	36.0		
69. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
70. S1E001	41890 18898 43831 18838	* 30	5857	2.75	8	36.0		
71. S1E001	41932 18834 43954 18754	* 30	5857	5.31	8	42.0		
72. S1E001	41864 18794 43956 18756	* 30	5857	7.88	8	36.0		
73. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
74. S1E001	41887 18884 43832 18834	* 30	5857	2.75	17.8	43.0		
75. S1E001	41932 18834 43954 18754	* 30	5857	5.31	11.2	36.0		
76. S1E001	41864 18794 43956 18756	* 30	5857	7.88	11.2	36.0		
77. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
78. S1E001	41890 18898 43831 18838	* 30	5857	2.75	8	36.0		
79. S1E001	41932 18834 43954 18754	* 30	5857	5.31	8	42.0		
80. S1E001	41864 18794 43956 18756	* 30	5857	7.88	8	36.0		
81. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
82. S1E001	41887 18884 43832 18834	* 30	5857	2.75	17.8	43.0		
83. S1E001	41932 18834 43954 18754	* 30	5857	5.31	11.2	36.0		
84. S1E001	41864 18794 43956 18756	* 30	5857	7.88	11.2	36.0		
85. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
86. S1E001	41890 18898 43831 18838	* 30	5857	2.75	8	36.0		
87. S1E001	41932 18834 43954 18754	* 30	5857	5.31	8	42.0		
88. S1E001	41864 18794 43956 18756	* 30	5857	7.88	8	36.0		
89. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
90. S1E001	41887 18884 43832 18834	* 30	5857	2.75	17.8	43.0		
91. S1E001	41932 18834 43954 18754	* 30	5857	5.31	11.2	36.0		
92. S1E001	41864 18794 43956 18756	* 30	5857	7.88	11.2	36.0		
93. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
94. S1E001	41890 18898 43831 18838	* 30	5857	2.75	8	36.0		
95. S1E001	41932 18834 43954 18754	* 30	5857	5.31	8	42.0		
96. S1E001	41864 18794 43956 18756	* 30	5857	7.88	8	36.0		
97. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
98. S1E001	41887 18884 43832 18834	* 30	5857	2.75	17.8	43.0		
99. S1E001	41932 18834 43954 18754	* 30	5857	5.31	11.2	36.0		
100. S1E001	41864 18794 43956 18756	* 30	5857	7.88	11.2	36.0		
101. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
102. S1E001	41890 18898 43831 18838	* 30	5857	2.75	8	36.0		
103. S1E001	41932 18834 43954 18754	* 30	5857	5.31	8	42.0		
104. S1E001	41864 18794 43956 18756	* 30	5857	7.88	8	36.0		
105. S1E001	41817 18900 43900 18888	* 30	5857	2.75	8.2	26.0		
106. S1E001	41887 18884 43832 18834	* 30	5857	2.75	17.8	43.0		
107. S1E001	41932 18834 43954 18754	* 30	5857	5.31	11.2	36.0		
108. S1E001	41864 18794 43956 18756	* 30	5857	7.88	11.2	36		

4. S1EBC	* 42230 18088 42185 18051	* 00 560	274.7	-31.5	46.0
5. S1EBC	* 42385 18051 42205 17949	* 00 560	274.7	-37.0	46.0
6. S1EBC	* 42025 17949 42185 17829	* 00 560	274.7	-35.0	46.0
7. S1EBC	* 41513 18051 41622 17942	* AD 266	249.3	-30.0	20.0
8. S1EBC	* 41622 17942 41714 17798	* AD 266	249.3	-30.0	26.0
9. S1EBC	* 41714 17798 41787 17767	* AD 266	249.3	-30.0	26.0
0. S1EBC	* 41787 17767 42204 17821	* AD 266	249.3	-30.0	26.0
1. S1EBC	* 42204 17821 42286 17826	* AD 266	249.3	-30.0	26.0
2. S1EBC	* 42286 17826 42356 17786	* AD 266	249.3	-30.0	26.0
3. S1EBC	* 42356 17786 42375 17466	* AD 266	249.3	-30.0	26.0
4. S1EBC	* 42375 17466 42574 17413	* AD 266	249.3	-30.0	26.0
5. S1EBC	* 42574 17413 42583 17277	* AD 266	249.3	-30.0	26.0
6. S1EBC	* 42583 17277 42581 17233	* AD 266	249.3	-30.0	26.0
7. S1EBC	* 42261 28116 42269 18348	* AD 213	274.7	-30.0	26.0
8. S1EBC	* 42269 18348 42305 18357	* 00 213	274.7	-30.0	26.0
9. S1EBC	* 42395 18357 42315 18351	* AD 213	274.7	-30.0	26.0
0. S1EBC	* 42315 18351 42298 18425	* AD 213	274.7	-30.0	26.0
1. S1EBC	* 42298 18425 42280 18428	* AD 213	274.7	-30.0	26.0
2. S1EBC	* 42280 18428 42249 18375	* AD 213	274.7	-30.0	26.0
3. S1EBC	* 42285 18375 42313 18345	* FL 318	274.7	-30.0	26.0
4. S1EBC	* 42413 18345 42316 18083	* FL 318	274.7	-30.0	24.0
5. S1EBC	* 42416 18083 42230 18031	* FL 318	274.7	-30.0	24.0
6. S1EBC	* 42420 18031 42201 17983	* FL 318	274.7	-30.0	24.0
7. S1EBC	* 42241 17982 42239 17927	* FL 318	274.7	-30.0	24.0
8. S1EBC	* 42239 17927 42247 17924	* FL 318	274.7	-30.0	24.0
9. S1EBC	* 42247 17924 42142 17885	* FL 318	274.7	-30.0	24.0
0. S1EBC	* 42142 17885 42104 17844	* FL 318	274.7	-30.0	24.0
1. S1EBC	* 42104 17844 42100 17812	* AD 318	274.7	-30.0	24.0
2. S1EBC	* 42161 18029 42150 18049	* AD 184	287.8	-30.0	24.0
3. S1EBC	* 42186 18049 42233 18489	* AD 184	287.8	-30.0	24.0
4. S1EBC	* 42233 18489 42244 18442	* AD 184	287.8	-30.0	24.0
5. S1EBC	* 42248 18442 42247 18397	* AD 215	307.6	-30.0	24.0
6. S1EBC	* 42257 18397 42265 18474	* AD 215	307.6	-30.0	24.0
7. S1EBC	* 42268 18474 42285 18450	* AD 215	307.6	-30.0	24.0
8. S1EBC	* 42285 18450 42280 18420	* AD 215	307.6	-30.0	24.0
9. S1EBC	* 42293 18420 42238 18080	* AD 215	307.6	-30.0	24.0

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z	COORDINATES (M)	
1. A1-1	* 42139 18533 19.5				
2. A1-2	* 42182 18538 19.5				
3. A2-1	* 42241 18538 19.5				
4. A2-2	* 42232 18567 19.5				
5. A2-3	* 42235 18529 19.5				
6. A2-4	* 42248 18529 19.5				
7. A2-5	* 42261 18513 19.5				
8. A2-6	* 42263 18513 19.5				
9. A2-7	* 42271 18513 19.5				
10. A2-8	* 42278 18513 19.5				
11. A2-9	* 42285 18513 19.5				
12. A2-10	* 42292 18513 19.5				
13. A2-11	* 42299 18513 19.5				
14. A2-12	* 42306 18513 19.5				
15. A2-13	* 42313 18513 19.5				
16. A2-14	* 42319 18513 19.5				
17. A2-15	* 42326 18513 19.5				
18. A2-16	* 42333 18513 19.5				
19. A2-17	* 42340 18513 19.5				
20. A2-18	* 42347 18513 19.5				
21. A2-19	* 42354 17776 29.7				
22. A2-20	* 42380 18199 15.7				

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	X	Y	Z	FREQ		CONC/LINE (PPM)						
				000	0000	0	1	2	3	4	5	6
1. A1-1	* 118.	* 5.9	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
2. A1-2	* 157.	* 1.7	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
3. A1-3	* 146.	* 7.7	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
4. A1-4	* 238.	* 6.6	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
5. A1-5	* 181.	* 32.0	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
6. A1-6	* 181.	* 6.6	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
7. A1-7	* 322.	* 3.1	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
8. A1-8	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
9. A1-9	* 322.	* 18.9	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
10. A1-10	* 322.	* 21.2	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
11. A1-11	* 322.	* 4.8	* 1.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
12. A1-12	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
13. A1-13	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
14. A1-14	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
15. A1-15	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
16. A1-16	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
17. A1-17	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
18. A1-18	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
19. A1-19	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
20. A1-20	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
21. A1-21	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
22. A1-22	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
23. A1-23	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
24. A1-24	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
25. A1-25	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
26. A1-26	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
27. A1-27	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
28. A1-28	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
29. A1-29	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
30. A1-30	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
31. A1-31	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
32. A1-32	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
33. A1-33	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
34. A1-34	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
35. A1-35	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
36. A1-36	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
37. A1-37	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
38. A1-38	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
39. A1-39	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
40. A1-40	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
41. A1-41	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
42. A1-42	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
43. A1-43	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
44. A1-44	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
45. A1-45	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
46. A1-46	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
47. A1-47	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
48. A1-48	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
49. A1-49	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
50. A1-50	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
51. A1-51	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
52. A1-52	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
53. A1-53	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
54. A1-54	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
55. A1-55	* 322.	* 1.3	* 0.	-0.	-0.	-0.	-					

0. Pu14 * 43613 17928 42628 17880 * PL 1817 3.82 12.0 22.6
 1. 011093 * 43620 17848 42843 17842 * PL 1817 3.75 12.0 22.6
 2. 011093 * 43620 17842 42840 17723 * PL 1817 3.75 12.0 22.6
 3. 011093 * 43680 17723 42718 17659 * PL 1817 3.75 12.0 22.6
 4. 041798 * 43716 17656 42746 17659 * PL 1817 3.75 14.0 22.6
 5. 011093 * 43746 17558 42777 17416 * PL 1817 3.75 14.0 22.6
 6. 011093 * 43745 18165 42879 18165 * DP 627 11.57 -6.8 14.0
 7. 011093 * 43747 18165 42507 18122 * DP 627 6.96 -2.3 14.0
 8. 011093 * 43230 18089 42189 18081 * DP 6722 2.78 -21.5 60.0
 9. 011093 * 43288 18081 42328 17948 * DP 6722 2.75 -21.0 66.0
 0. 011093 * 43285 17948 42356 17885 * DP 6722 2.75 -15.0 56.0
 1. 011093 * 43151 18051 42622 17642 * AG 1866 3.49 -2.0 22.6
 2. 011093 * 43162 17642 43114 17739 * AG 1866 3.49 -2.0 22.6
 3. 011093 * 43114 17739 42797 17777 * AG 1866 3.49 -2.0 22.6
 4. 041798 * 43187 21767 42204 17821 * AG 1866 3.49 -2.0 22.6
 5. 011093 * 43230 17821 42206 17826 * AG 1866 3.49 -2.0 22.6
 6. 041798 * 43286 17826 42356 17885 * AG 1866 3.49 -2.0 22.6
 7. 011093 * 43256 17766 42357 17466 * AG 1866 3.49 -2.0 22.6
 8. 041798 * 43375 17466 42574 17413 * AG 1866 3.49 -2.0 22.6
 9. 011093 * 43379 17413 42543 17317 * AG 1866 3.49 -2.0 22.6
 0. 011093 * 43581 17317 42581 17213 * AG 1866 3.49 -2.0 22.6
 1. 011093 * 43286 18165 42839 18348 * AG 1866 3.75 -9.0 15.0
 2. 011093 * 43289 18148 42308 18187 * AG 1866 3.75 -5.5 16.0
 3. 011093 * 43295 18187 42315 18191 * AG 1866 3.75 -9.0 16.0
 4. 011093 * 43115 18191 42298 18425 * AG 1866 3.75 -9.0 16.0
 5. 011093 * 43288 18425 42250 18489 * AG 1866 3.75 -9.0 16.0
 6. 011093 * 43250 18424 42250 18479 * AG 1866 3.75 -9.0 16.0
 7. 011093 * 43294 17988 42823 18022 * PL 2298 3.94 6.0 26.0
 8. 011093 * 43424 18081 42617 18081 * PL 2298 3.94 6.0 26.0
 9. 011093 * 43417 18081 42610 18139 * PL 2298 3.75 6.0 15.0
 0. 011093 * 43410 18133 42643 18145 * PL 2298 3.75 6.0 15.0
 1. 011093 * 43283 17952 42825 17937 * PL 2298 3.94 6.0 22.0
 2. 011093 * 43295 17937 42792 17979 * PL 2298 3.94 6.0 22.0
 3. 011093 * 43124 17924 42143 17950 * PL 2298 3.75 6.0 22.0
 4. 011093 * 43145 17950 42104 17981 * PL 2298 3.75 6.0 22.0
 5. 011093 * 43294 17984 42826 18017 * AG 2298 3.75 -9.0 16.0
 6. 011093 * 43281 18180 42823 18180 * AG 2298 3.75 -9.0 16.0
 7. 011093 * 43151 18448 42223 18449 * AG 2298 3.75 -9.0 16.0
 8. 011093 * 43223 18449 42246 18412 * AG 2298 3.75 -9.0 14.0
 9. 011093 * 43189 18449 42246 18412 * AG 2298 3.75 -9.0 14.0
 0. 011093 * 43227 18507 42288 18474 * AG 1828 3.94 -4.1 14.0
 1. 011093 * 43285 18474 42283 18453 * AG 1828 3.75 8.5 14.0
 2. 011093 * 43281 18282 42812 18120 * DP 448 3.75 -6.0 14.0
 3. 011093 * 43280 18120 42234 18080 * DP 448 3.75 -16.0 14.0

III. RECEPTOR LOCATIONS

RECEPTOR	X	Y	Z	COORDINATES (M)
1. A1-1	* 42110 18533 19.5			
2. A1-1	* 42182 18598 19.5			
3. A1-1	* 42213 18514 19.5			
4. A1-1	* 42212 18607 4.5			
5. A1-G	* 42103 18618 1.5			
6. A1-G	* 42215 18299 3.5			
7. A1-1	* 42163 18294 16.5			
8. A1-G	* 42458 18730 1.5			
9. A1-1	* 42483 17945 1.5			
10. A1S-1	* 42483 17775 18.5			
11. A1S-1	* 42500 18190 4.5			
12. A1-5	* 42118 18513 16.7			
13. A1-5	* 42162 18504 16.7			
14. A1-0	* 42243 18514 33.7			
15. A1-0	* 42212 18607 28.7			
16. A1-0	* 42103 18648 1.5			
17. A1-0	* 42215 18299 3.5			
18. A1-5	* 42163 18294 31.7			
19. A1-5	* 42458 18093 35.7			
20. A1-0	* 42212 17943 1.5			
21. A1S-0	* 42443 17774 28.7			
22. A1S-0	* 42500 18190 25.7			

IV. MODEL RESULTS (Worst Case Wind Angle 1)

RECEPTOR	X	Y	Z	PRED	COFC/LINK	(PPM)				
	1800	1800	0	1	2	3	4	5	6	7
1. A1-1	* 121	* 8865	.06 .08 .09 .06 .08 .09 .06 .08							
2. A1-1	* 157	* 9913	.06 .08 .09 .06 .08 .09 .06 .08							
3. A1-G	* 157	* 9868	.06 .08 .09 .06 .08 .09 .06 .08							
4. A1-1	* 193	* 8812	.06 .08 .09 .06 .08 .09 .06 .08							
5. A1-G	* 178	* 11133	.06 .08 .09 .06 .08 .09 .06 .08							
6. A1-0	* 9	* 8318	.06 .08 .09 .06 .08 .09 .06 .08							
7. A1-1	* 221	* 1076	.06 .08 .09 .06 .08 .09 .06 .08							
8. A1-G	* 314	* 9924	.06 .08 .09 .06 .08 .09 .06 .08							
9. A1-G	* 319	* 9917	.06 .08 .09 .06 .08 .09 .06 .08							
10. A1L-0	* 224	* 2022	.06 .08 .09 .06 .08 .09 .06 .08							
11. A1L-1	* 227	* 23888	.06 .08 .09 .06 .08 .09 .06 .08							
12. A1-S	* 116	* 9677	.06 .08 .09 .06 .08 .09 .06 .08							
13. A2-S	* 156	* 9748	.06 .08 .09 .06 .08 .09 .06 .08							
14. A3-G	* 161	* 9651	.06 .08 .09 .06 .08 .09 .06 .08							
15. A4-S	* 130	* 9725	.06 .08 .09 .06 .08 .09 .06 .08							
16. A5-G	* 178	* 11133	.06 .08 .09 .06 .08 .09 .06 .08							
17. A7-S	* 3	* 1053	.06 .08 .09 .06 .08 .09 .06 .08							
18. A7-S	* 223	* 10889	.06 .08 .09 .06 .08 .09 .06 .08							
19. A8-S	* 312	* 9753	.06 .08 .09 .06 .08 .09 .06 .08							
20. A8-G	* 319	* 9427	.06 .08 .09 .06 .08 .09 .06 .08							
21. A10-S	* 313	* 9589	.06 .08 .09 .06 .08 .09 .06 .08							
22. A13-S	* 217	* 10188	.06 .08 .09 .06 .08 .09 .06 .08							

NO2 – nighttime (with proposed noise barriers)

CALCISS: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1
 300- Let You Know Update (12027) - NOX, nighttime
 300- NOX (WORST CASE WIND ANGLE)
 POLLUTANT: NOX

E. SITE VARIABLES

Z= 1.0 MTS
 DSC= MONIT CASE
 CLSF= 6.197
 VDF= 0.0495
 MDR= 0.0C M
 AMR= 0.0 PPM
 EISDR= 6. DEGREES
 TEMP= 35.0 DEGREE FCI

II. LINE VARIABLES

LINK	X	Y	Z	LINK COORDINATES (M)	TYPE	VDF	12/10/11	SP	DC	
	1800	1800	0	1	2	3	4	5	6	7

1. 011093	* 61788	18889	18187	18884	EP	722	274.7	20.9	35.6
2. 011093	* 61857	18884	18192	18854	EP	722	274.7	17.3	47.0
3. 011093	* 61902	18854	18164	18794	EP	722	274.7	11.2	34.0
4. 011093	* 61964	18794	18196	18756	EP	722	274.7	11.2	34.0
5. 011093	* 61971	18891	18080	18884	EP	722	274.7	-2.0	26.0
6. 011093	* 61995	18886	18193	18854	EP	722	274.7	-3.0	26.0
7. 011093	* 61993	18854	18194	18794	EP	722	274.7	-3.0	26.0
8. 011093	* 62020	18895	18205	18897	DP	883	274.7	-9.2	26.0
9. 011093	* 62120	18537	18205	18497	DP	883	274.7	-14.0	26.0
10. 011093	* 62208	18236	18236	18659	DP	883	274.7	-8.6	26.0
11. 011093	* 62238	18487	18238	18621	DP	883	274.7	-16.0	26.0
12. 011093	* 62258	18425	18280	18587	DP	883	274.7	-6.1	26.0
13. 011093	* 62282	18587	18255	18343	EP	883	274.7	-9.8	26.0
14. 011093	* 62295	18265	18265	18200	EP	883	274.7	-7.1	26.0
15. 011093	* 62305	18281	18281	18206	EP	883	274.7	-12.1	26.0
16. 011093	* 62320	18286	18286	18186	EP	883	274.7	-14.8	26.0
17. 011093	* 62328	18257	18257	18187	EP	883	274.7	-14.8	26.0
18. 011093	* 62338	18217	18217	18189	EP	883	274.7	-12.0	26.0
19. 011093	* 62348	18285	18285	18189	EP	883	274.7	-10.8	26.0
20. 011093	* 62358	18285	18285	18189	EP	883	274.7	-10.8	26.0
21. 011093	* 62368	18285	18285	18189	EP	883	274.7	-10.8	26.0
22. 011093	* 62378	18285	18285	18189	EP	883	274.7	-10.8	26.0
23. 011093	* 62388	18285	18285	18189	EP	883	274.7	-10.8	26.0
24. 011093	* 62398	18285	18285	18189	EP	883	274.7	-10.8	26.0
25. 011093	* 62408	18285	18285	18189	EP	883	274.7	-10.8	26.0
26. 011093	* 62418	18285	18285	18189	EP	883	274.7	-10.8	26.0
27. 011093	* 62428	18285	18285	18189	EP	883	274.7	-10.8	26.0
28. 011093	* 62438	18285	18285	18189	EP	883	274.7	-10.8	26.0
29. 011093	* 62448	18285	18285	18189	EP	883	274.7	-10.8	26.0
30. 011093	* 62458	18285	18285	18189	EP	883	274.7	-10.8	26.0
31. 011093	* 62468	18285	18285	18189	EP	883	274.7	-10.8	26.0
32. 011093	* 62478	18285	18285	18189	EP	883	274.7	-10.8	26.0
33. 011093	* 62488	18285	18285	18189	EP	883	274.7	-10.8	26.0
34. 011093	* 62498	18285	18285	18189	EP	883	274.7	-10.8	26.0
35. 011093	* 62508	18285	18285	18189	EP	883	274.7	-10.8	26.0
36. 011093	* 62518	18285	18285	18189	EP	883	274.7	-10.8	26.0
37. 011093	* 62528	18285	18285	18189	EP	883	274.7	-10.8	26.0
38. 011093	* 62538	18285	18285	18189	EP	883	274.7	-10.8	26.0
39. 011093	* 62548	18285	18285	18189	EP	883	274.7	-10.8	26.0
40. 011093	* 62558	18285	18285	18189	EP	883	274.7	-10.8	26.0
41. 011093	* 62568	18285	18285	18189	EP	883	274.7	-10.8	26.0
42. 011093	* 62578	18285	18285	18189	EP	883	274.7	-10.8	26.0
43. 011093	* 62588	18285	18285	18189	EP	883	274.7	-10.8	26.0
44. 011093	* 62598	18285	18285	18189	EP	883	274.7	-10.8	26.0
45. 011093	* 62608	18285	18285	18189	EP	883	274.7	-10.8	26.0
46. 011093	* 62618	18285	18285	18189	EP	883	274.7	-10.8	26.0
47. 011093	* 62628	18285	18285	18189	EP	883	274.7	-10.8	26.0
48. 011093	* 62638	18285	18285	18189	EP	883	274.7	-10.8	26.0
49. 011093	* 62648	18285	18285	18189	EP	883</td			

1. A1-1	+	122.	+	8.9	+	0.	0.	-0.	0.	-0.	0.	0.	0.	0.
2. A1-1	+	157.	+	7.4	+	0.	0.	-0.	0.	-0.	0.	0.	0.	0.
3. A1-1	+	164.	+	7.7	+	0.	0.	-0.	0.	-0.	0.	0.	0.	0.
4. A1-1	+	235.	+	5.6	+	0.	0.	-0.	0.	-0.	0.	0.	0.	0.
5. A1-1	+	181.	+	12.6	+	0.	0.	-0.	0.	-0.	0.	0.	0.	0.
6. A1-1	+	351.	+	6.4	+	0.	0.	-0.	0.	-0.	0.	0.	0.	0.
7. A1-1	+	322.	+	23.2	+	1.	-1.	-0.	0.	-0.	0.	0.	0.	0.
8. A1-1	+	327.	+	20.3	+	0.	-1.	-0.	0.	-0.	0.	0.	0.	0.
9. A1-1	+	323.	+	13.5	+	1.	-1.	-0.	0.	-0.	0.	0.	0.	0.
10. A1-1	+	328.	+	4.8	+	1.	-1.	-0.	0.	-0.	0.	0.	0.	0.
11. A1-1	+	327.	+	16.5	+	0.	-1.	-0.	0.	-0.	0.	0.	0.	0.
12. A1-5	+	119.	+	2.0	+	0.	0.	-0.	0.	-0.	0.	0.	0.	0.
13. A1-5	+	157.	+	6.1	+	0.	0.	-0.	0.	-0.	0.	0.	0.	0.
14. A1-5	+	184.	+	6.2	+	0.	0.	-0.	0.	-0.	0.	0.	0.	0.
15. A1-5	+	208.	+	4.7	+	0.	0.	-0.	0.	-0.	0.	0.	0.	0.
16. A1-5	+	181.	+	12.8	+	0.	0.	-0.	0.	-0.	0.	0.	0.	0.
17. A1-5	+	351.	+	6.4	+	0.	0.	-0.	0.	-0.	0.	0.	0.	0.
18. A1-5	+	322.	+	17.4	+	1.	-1.	-0.	0.	-0.	0.	0.	0.	0.
19. A1-5	+	327.	+	9.4	+	0.	-1.	-0.	0.	-0.	0.	0.	0.	0.
20. A1-5	+	323.	+	13.2	+	1.	-1.	-0.	0.	-0.	0.	0.	0.	0.
21. A1-5	+	328.	+	5.8	+	0.	-1.	-0.	0.	-0.	0.	0.	0.	0.
22. A1-5	+	207.	+	15.3	+	0.	-1.	-0.	0.	-0.	0.	0.	0.	0.

RSP – daytime (with proposed noise barriers)

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

JOB: Let The Music Playass (2007) - RSP, daytime
RUN: RSP
POLLUTANT: RSP
(NOTE: OUTPUT IN MICRO-GRAINS/METER²/S. IGNORE PPM LABELS)

1. SITE VARIABLES

U= 1.0 M/S
ELEV: MOUNT CASE
VW= .1 CM/S
CLASS: 4 (0)
MHR= 500. H
AMR= .0 PPM
SIGHT= 24. DEGREES
TDIR= 25.0 DEGREES (C)

2. LINE VARIABLES

LINE	LINK COORDINATES (M)	EF	R	M
DESCRIPTION	X1 Y1 X2 Y2 TYPE VPM (MM)	(M)	(M)	(M)
0. 91891	+ 41769 18893 42897 18886	+ 80 956	.3	22.6 16.0
1. 91891	+ 42897 18886 42898 18886	+ 80 956	.3	17.6 48.0
2. 91891	+ 43936 18884 43865 18794	+ 80 956	.5	13.5 34.0
3. 91891	+ 43865 18794 43866 18755	+ 80 956	.7	13.5 34.0
4. 91891	+ 43866 18755 43900 18686	+ 80 971	.2	26.0
5. 91891	+ 43900 18686 42930 18784	+ 80 971	.2	18.6 36.0
6. 91891	+ 42930 18784 42931 18784	+ 80 971	.5	18.6 42.0
7. 91891	+ 42931 18784 42932 18784	+ 80 971	.7	18.6 49.0
8. 91891	+ 42932 18784 42205 18487	+ 80 1612	.5	9.8 26.0
9. 91891	+ 42205 18487 42216 18489	+ 80 1612	.5	9.8 26.0
10. 91891	+ 42216 18489 42217 18489	+ 80 1612	.5	9.8 26.0
11. 91891	+ 42217 18489 42218 18422	+ 80 1612	.5	9.8 26.0
12. 91891	+ 42218 18422 42219 18422	+ 80 1612	.5	9.8 26.0
13. 91891	+ 42219 18422 42220 18422	+ 80 1612	.5	9.8 26.0
14. 91891	+ 42220 18422 42221 18422	+ 80 1612	.5	9.8 26.0
15. 91891	+ 42221 18422 42222 18422	+ 80 1612	.5	9.8 26.0
16. 91891	+ 42222 18422 42223 18422	+ 80 1612	.5	9.8 26.0
17. 91891	+ 42223 18422 42224 18422	+ 80 1612	.5	9.8 26.0
18. 91891	+ 42224 18422 42225 18422	+ 80 1612	.5	9.8 26.0
19. 91891	+ 42225 18422 42226 18422	+ 80 1612	.5	9.8 26.0
20. 91891	+ 42226 18422 42227 18422	+ 80 1612	.5	9.8 26.0
21. 91891	+ 42227 18422 42228 18422	+ 80 1612	.5	9.8 26.0
22. 91891	+ 42228 18422 42229 18422	+ 80 1612	.5	9.8 26.0
23. 91891	+ 42229 18422 42230 18422	+ 80 1612	.5	9.8 26.0
24. 91891	+ 42230 18422 42231 18422	+ 80 1612	.5	9.8 26.0
25. 91891	+ 42231 18422 42232 18422	+ 80 1612	.5	9.8 26.0
26. 91891	+ 42232 18422 42233 18422	+ 80 1612	.5	9.8 26.0
27. 91891	+ 42233 18422 42234 18422	+ 80 1612	.5	9.8 26.0
28. 91891	+ 42234 18422 42235 18422	+ 80 1612	.5	9.8 26.0
29. 91891	+ 42235 18422 42236 18422	+ 80 1612	.5	9.8 26.0
30. 91891	+ 42236 18422 42237 18422	+ 80 1612	.5	9.8 26.0
31. 91891	+ 42237 18422 42238 18422	+ 80 1612	.5	9.8 26.0
32. 91891	+ 42238 18422 42239 18422	+ 80 1612	.5	9.8 26.0
33. 91891	+ 42239 18422 42240 18422	+ 80 1612	.5	9.8 26.0
34. 91891	+ 42240 18422 42241 18422	+ 80 1612	.5	9.8 26.0
35. 91891	+ 42241 18422 42242 18422	+ 80 1612	.5	9.8 26.0
36. 91891	+ 42242 18422 42243 18422	+ 80 1612	.5	9.8 26.0
37. 91891	+ 42243 18422 42244 18422	+ 80 1612	.5	9.8 26.0
38. 91891	+ 42244 18422 42245 18422	+ 80 1612	.5	9.8 26.0
39. 91891	+ 42245 18422 42246 18422	+ 80 1612	.5	9.8 26.0
40. 91891	+ 42246 18422 42247 18422	+ 80 1612	.5	9.8 26.0
41. 91891	+ 42247 18422 42248 18422	+ 80 1612	.5	9.8 26.0
42. 91891	+ 42248 18422 42249 18422	+ 80 1612	.5	9.8 26.0
43. 91891	+ 42249 18422 42250 18422	+ 80 1612	.5	9.8 26.0
44. 91891	+ 42250 18422 42251 18422	+ 80 1612	.5	9.8 26.0
45. 91891	+ 42251 18422 42252 18422	+ 80 1612	.5	9.8 26.0
46. 91891	+ 42252 18422 42253 18422	+ 80 1612	.5	9.8 26.0
47. 91891	+ 42253 18422 42254 18422	+ 80 1612	.5	9.8 26.0
48. 91891	+ 42254 18422 42255 18422	+ 80 1612	.5	9.8 26.0
49. 91891	+ 42255 18422 42256 18422	+ 80 1612	.5	9.8 26.0
50. 91891	+ 42256 18422 42257 18422	+ 80 1612	.5	9.8 26.0
51. 91891	+ 42257 18422 42258 18422	+ 80 1612	.5	9.8 26.0
52. 91891	+ 42258 18422 42259 18422	+ 80 1612	.5	9.8 26.0
53. 91891	+ 42259 18422 42260 18422	+ 80 1612	.5	9.8 26.0
54. 91891	+ 42260 18422 42261 18422	+ 80 1612	.5	9.8 26.0
55. 91891	+ 42261 18422 42262 18422	+ 80 1612	.5	9.8 26.0
56. 91891	+ 42262 18422 42263 18422	+ 80 1612	.5	9.8 26.0
57. 91891	+ 42263 18422 42264 18422	+ 80 1612	.5	9.8 26.0
58. 91891	+ 42264 18422 42265 18422	+ 80 1612	.5	9.8 26.0
59. 91891	+ 42265 18422 42266 18422	+ 80 1612	.5	9.8 26.0
60. 91891	+ 42266 18422 42267 18422	+ 80 1612	.5	9.8 26.0
61. 91891	+ 42267 18422 42268 18422	+ 80 1612	.5	9.8 26.0
62. 91891	+ 42268 18422 42269 18422	+ 80 1612	.5	9.8 26.0
63. 91891	+ 42269 18422 42270 18422	+ 80 1612	.5	9.8 26.0
64. 91891	+ 42270 18422 42271 18422	+ 80 1612	.5	9.8 26.0
65. 91891	+ 42271 18422 42272 18422	+ 80 1612	.5	9.8 26.0
66. 91891	+ 42272 18422 42273 18422	+ 80 1612	.5	9.8 26.0
67. 91891	+ 42273 18422 42274 18422	+ 80 1612	.5	9.8 26.0
68. 91891	+ 42274 18422 42275 18422	+ 80 1612	.5	9.8 26.0
69. 91891	+ 42275 18422 42276 18422	+ 80 1612	.5	9.8 26.0
70. 91891	+ 42276 18422 42277 18422	+ 80 1612	.5	9.8 26.0
71. 91891	+ 42277 18422 42278 18422	+ 80 1612	.5	9.8 26.0
72. 91891	+ 42278 18422 42279 18422	+ 80 1612	.5	9.8 26.0
73. 91891	+ 42279 18422 42280 18422	+ 80 1612	.5	9.8 26.0
74. 91891	+ 42280 18422 42281 18422	+ 80 1612	.5	9.8 26.0
75. 91891	+ 42281 18422 42282 18422	+ 80 1612	.5	9.8 26.0
76. 91891	+ 42282 18422 42283 18422	+ 80 1612	.5	9.8 26.0
77. 91891	+ 42283 18422 42284 18422	+ 80 1612	.5	9.8 26.0
78. 91891	+ 42284 18422 42285 18422	+ 80 1612	.5	9.8 26.0
79. 91891	+ 42285 18422 42286 18422	+ 80 1612	.5	9.8 26.0
80. 91891	+ 42286 18422 42287 18422	+ 80 1612	.5	9.8 26.0
81. 91891	+ 42287 18422 42288 18422	+ 80 1612	.5	9.8 26.0
82. 91891	+ 42288 18422 42289 18422	+ 80 1612	.5	9.8 26.0
83. 91891	+ 42289 18422 42290 18422	+ 80 1612	.5	9.8 26.0
84. 91891	+ 42290 18422 42291 18422	+ 80 1612	.5	9.8 26.0
85. 91891	+ 42291 18422 42292 18422	+ 80 1612	.5	9.8 26.0
86. 91891	+ 42292 18422 42293 18422	+ 80 1612	.5	9.8 26.0
87. 91891	+ 42293 18422 42294 18422	+ 80 1612	.5	9.8 26.0
88. 91891	+ 42294 18422 42295 18422	+ 80 1612	.5	9.8 26.0
89. 91891	+ 42295 18422 42296 18422	+ 80 1612	.5	9.8 26.0
90. 91891	+ 42296 18422 42297 18422	+ 80 1612	.5	9.8 26.0
91. 91891	+ 42297 18422 42298 18422	+ 80 1612	.5	9.8 26.0
92. 91891	+ 42298 18422 42299 18422	+ 80 1612	.5	9.8 26.0
93. 91891	+ 42299 18422 42300 18422	+ 80 1612	.5	9.8 26.0
94. 91891	+ 42300 18422 42301 18422	+ 80 1612	.5	9.8 26.0
95. 91891	+ 42301 18422 42302 18422	+ 80 1612	.5	9.8 26.0
96. 91891	+ 42302 18422 42303 18422	+ 80 1612	.5	9.8 26.0
97. 91891	+ 42303 1842			

9. Q18PP	* 42281 18423 42308 18393 *	DP	80	.7	-9.0	14.0
0. Q18PR	* 42151 18125 42100 18069 *	AD	218	.2	-6.0	16.0
1. Q18PR	* 42152 18069 42116 18069 *	AD	218	.2	-6.0	16.0
2. Q18PR	* 42153 18062 42266 18153 *	AD	218	.2	-6.0	16.0
3. Q48TR	* 42260 18153 42224 18435 *	AD	218	.2	-6.0	16.0
4. Q58TR	* 42320 18425 42313 18458 *	AD	218	.2	-6.0	16.0
5. C1	* 42468 28181 42507 18125 *	FL	178	.2	7.7	16.0
6. C4	* 42469 18149 42607 18332 *	FL	178	.2	7.7	16.0
7. F1111	* 42829 18077 42489 18117 *	FL	446	.3	7.7	26.0
8. F1112	* 43556 18056 42529 18077 *	FL	446	.4	7.7	26.0
9. F1113	* 43556 17975 42613 17928 *	FL	246	.4	12.1	22.0
0. F1114	* 42811 17928 42628 17880 *	FL	246	.3	12.1	22.0
1. Q117RS	* 42821 17880 42642 17862 *	FL	246	.2	12.1	22.0
2. Q117RS	* 42641 17882 42686 17725 *	FL	266	.2	12.1	22.0
3. Q117RS	* 42681 17723 42718 17695 *	FL	266	.2	12.1	22.0
4. Q417RS	* 42715 17664 42746 17510 *	FL	266	.2	14.1	22.0
5. Q517RS	* 42746 17510 42777 17416 *	FL	266	.2	14.1	22.0
6. Q517RS	* 42855 18258 42479 18285 *	DP	90	1.8	-6.8	14.0
7. Q517RS	* 42879 18185 42567 18323 *	DP	90	.6	-2.3	14.0
8. Q517RS	* 42231 18088 42188 18081 *	DP	90	.2	-21.5	49.0
9. Q517RS	* 42188 18051 42555 17949 *	DP	90	.2	-27.5	66.0
0. Q517RS	* 42328 17949 41853 17859 *	DP	90	.2	-35.5	56.0
1. Q517RS	* 45513 18051 41632 17842 *	DP	286	.6	-6.0	23.0
2. Q517RS	* 45672 17882 41714 17790 *	DP	286	.6	-6.0	23.0
3. Q517RS	* 45714 17790 41797 17707 *	DP	286	.6	-6.0	23.0
4. Q517RS	* 45799 17787 42156 17821 *	DP	286	.6	-6.0	23.0
5. Q517RS	* 42204 17821 42294 17826 *	DP	286	.4	-6.0	23.0
6. Q517RS	* 42299 17828 42358 17786 *	DP	286	.4	-6.0	23.0
7. Q517RS	* 42388 17786 42515 17656 *	DP	286	.4	-6.0	23.0
8. Q517RS	* 42575 17456 42578 17410 *	DP	286	.4	-6.0	23.0
9. Q517RS	* 42574 17410 42543 17277 *	DP	286	.4	-6.0	23.0
0. Q517RS	* 42543 17277 42581 17203 *	DP	286	.4	-6.0	23.0
1. Q517RS	* 42142 18274 42289 18048 *	DP	232	.2	-6.0	16.0
2. Q517RS	* 42158 18288 42105 18287 *	DP	232	.2	-6.0	16.0
3. Q517RS	* 42162 18287 42155 18393 *	DP	232	.2	-6.0	16.0
4. Q517RS	* 42315 18381 42388 18415 *	DP	232	.2	-6.0	16.0
5. Q517RS	* 42548 18625 42559 18609 *	DP	232	.2	-6.0	16.0
6. Q517RS	* 42558 18609 42556 18656 *	DP	232	.2	-6.0	16.0
7. Q517RS	* 42561 17984 42442 18075 *	FL	328	.4	6.0	26.0
8. Q517RS	* 42521 18101 42527 18081 *	FL	328	.4	6.0	26.0
9. Q517RS	* 42417 18041 42429 18133 *	FL	328	.4	6.0	26.0
10. Q517RS	* 42413 18133 42445 18165 *	FL	328	.4	6.0	26.0
11. Q517RS	* 42145 17913 42385 17937 *	FL	328	.4	6.0	26.0
12. Q517RS	* 42355 17937 42347 17934 *	FL	328	.4	6.0	26.0
13. Q517RS	* 42147 17934 42387 17893 *	FL	328	.4	6.0	26.0
14. Q517RS	* 42142 17893 42384 17864 *	FL	328	.4	6.0	26.0
15. Q517RS	* 42104 17864 42584 17827 *	DP	326	.4	6.0	26.0
16. Q517RS	* 42141 18028 42291 58448 *	DP	364	.7	-6.0	14.0
17. Q517RS	* 42191 18448 42325 58449 *	DP	364	.7	-6.0	14.0
18. Q517RS	* 42293 18449 42326 58412 *	DP	364	.7	-6.0	14.0
19. Q517RS	* 42189 18546 42287 28567 *	DP	278	.7	1.4	14.0
20. Q517RS	* 42227 18567 42285 28454 *	DP	278	.6	8.1	14.0
21. Q517RS	* 42285 18474 42281 28433 *	DP	275	.3	5.5	14.0
22. Q517RS	* 42181 18142 42282 18123 *	DP	70	.2	-5.8	14.0
23. Q517RS	* 42182 18128 42234 18049 *	DP	70	.2	-5.8	14.0

III. RECEPTOR LOCATIONS

COORDINATES (W)			
RECEPTOR	E	N	S
1. A1-1	* 42130 18531 19.5		
2. A2-1	* 42193 18581 19.5		
3. A1-2	* 42241 18511 19.5		
4. A1-3	* 42333 18637 4.5		
5. A1-3	* 42503 18448 3.5		
6. A1-3	* 42315 18239 3.5		
7. A1-1	* 42363 18281 16.5		
8. A1-3	* 42858 18881 1.5		
9. A1-3	* 42811 17949 1.5		
10. A11-1	* 42843 17775 18.5		
11. A11-1	* 42396 18190 4.5		
12. A1-5	* 42116 18531 16.5		
13. A1-5	* 42162 18541 16.5		
14. A1-3	* 42243 18511 13.7		
15. A4-5	* 42312 18601 19.7		
16. A1-0	* 42103 18648 1.5		
17. A1-3	* 42238 18299 1.5		
18. A1-5	* 42143 17929 13.7		
19. A1-5	* 42558 17993 15.5		
20. A9-G	* 42631 17945 1.5		
21. A9-5	* 42642 17774 24.7		
22. A11-3	* 42398 18198 16.7		

IV. MODEL RESULTS (MOROT CAKE MIN ANGLE I)

RECEPTOR	E	N	S	COMC/LINK 1990						
				0	1	2	3	4	5	6
1. A1-1	* 112	* -9.8	* .8	-3	0	0	-3	0	-3	0
2. A2-1	* 151	12.8	-8	-3	0	0	-3	0	-3	0
3. A1-3	* 164	* 12.1	* 1.8	-3	0	0	-3	0	-3	0
4. A1-3	* 298	11.8	-8	-3	1.5	1.8	-3	1.7	1.8	2.4
5. A5-5	* 191	* 21.1	* 1.8	-3	0	0	-3	0	-3	0
6. A1-5	* 202	11.8	-8	-3	0	0	-3	0	-3	0
7. A7-5	* 322	10.7	-2	-3	0	0	-3	1.4	-3	1.4
8. A8-5	* 327	10.9	-1	-3	0	0	-3	-4	-3	1.0
9. A9-5	* 323	25.4	-7	-3	0	0	-3	-7	-3	-5
10. A10-1	* 328	8.1	-1	-3	0	0	-3	-5	-3	-5
11. A11-1	* 217	* 28.5	4	-3	0	0	-3	0	-3	0
12. A1-5	* 128	* 4.6	-8	-3	0	0	-3	0	-3	0
13. A2-5	* 187	* 7.6	-8	-3	0	0	-3	0	-3	0
14. A1-2	* 164	* 3.1	-9	-3	0	0	-3	0	-3	0
15. A4-5	* 298	* 8.0	-7	-3	1.2	1.5	-3	1.5	1.4	1.1
16. A5-5	* 181	* 22.1	8	-3	0	0	-3	0	-3	0
17. A6-2	* 181	* 15.9	-9	-3	0	0	-3	0	-3	0
18. A7-5	* 122	* 28.8	-2	-3	1.1	1.2	-3	-4	-3	1.2
19. A8-5	* 327	* 34.3	-1	-3	-4	-7	-4	-3	-5	1.8
20. A9-G	* 329	* 25.4	-2	-3	-8	-7	-4	-3	-5	1.8
21. A10-5	* 328	* 8.2	-1	-3	-2	-3	-3	-1	-2	-4
22. A11-5	* 327	* 28.3	0	-3	-8	-6	-3	-1	-2	0