

Appendix B Air Quality Data

Summary Report for Summer Emissions (Pounds/Day)

File Name: C:\Documents and Settings\21454\Desktop\20838.01 Revised Rosebowl Renovation.urb9

Project Name: D20838.01 Revised Rosebowl Renovation Project

Project Location: Los Angeles County

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
2009 TOTALS (lbs/day unmitigated)	16.95	200.46	126.09	0.20	36.31	8.89	45.20	7.67	8.18	15.85	23,563.71
2009 TOTALS (lbs/day mitigated)	16.95	200.46	126.09	0.20	20.84	8.89	29.74	4.44	8.18	12.62	23,563.71
2010 TOTALS (lbs/day unmitigated)	11.38	85.55	118.02	0.18	0.72	4.19	4.90	0.25	3.83	4.08	19,795.06
2010 TOTALS (lbs/day mitigated)	11.38	85.55	118.02	0.18	0.72	4.19	4.90	0.25	3.83	4.08	19,795.06
2011 TOTALS (lbs/day unmitigated)	311.16	78.08	110.14	0.18	0.72	3.83	4.54	0.25	3.50	3.75	19,793.56
2011 TOTALS (lbs/day mitigated)	311.16	78.08	110.14	0.18	0.72	3.83	4.54	0.25	3.50	3.75	19,793.56

AREA SOURCE EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (lbs/day, unmitigated)	3.94	0.02	1.55	0.00	0.01	0.01	2.81

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OPERATIONAL (VEHICLE) EMISSION ESTIMATES

TOTALS (lbs/day, unmitigated)	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
	40.04	61.61	537.98	0.61	100.33	19.50	59,500.99

SUM OF AREA SOURCE AND OPERATIONAL EMISSION ESTIMATES

TOTALS (lbs/day, unmitigated)	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
	43.98	61.63	539.53	0.61	100.34	19.51	59,503.80

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AREA SOURCE EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (tons/year, unmitigated)	0.72	0.00	0.28	0.00	0.00	0.00	0.51

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (tons/year, unmitigated)	7.66	12.01	96.85	0.10	18.31	3.56	10,515.26

SUM OF AREA SOURCE AND OPERATIONAL EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (tons/year, unmitigated)	8.38	12.01	97.13	0.10	18.31	3.56	10,515.77