Appendix C
Air Quality Calculations

Air Quality Appendix

A. Wind and Climate Information
B. Ambient Air Data
C. Construction Emissions Calculations
D. Operational Emissions Calculations
E. CO Hot Spot Analysis
F. SCAQMD Rule 403

Appendix A

Wind and Climate Information

LOS ANGELES CIVIC CENTE, CALIFORNIA

Period of Record General Climate Summary - Temperature

Station:(045115) LOS ANGELES CIVIC CENTE

From Year=1906 To Year=2010

	Monthly Averages			Daily Extremes				Monthly Extremes				Max. Temp.	
	Max.	Min.	Mean	High	Date	Low	Date	Highest Mean	Year	Lowest Mean	Year	>= 90 F	<= 32
	F	F	F	F	dd/yyyy or yyyymmdd	F	dd/yyyy or yyyymmdd	F	-	F	-	# Days	# Da
January	66.3	48.3	57.3	95	18/1971	28	07/1913	65.9	1986	46.9	1949	0.1	0
February	67.3	49.6	58.5	95	20/1995	25	19/1911	65.3	1995	51.9	1911	0.1	0
March	68.8	51.1	60.0	98	26/1988	35	04/1976	66.0	1931	54.6	1945	0.2	0
April	71.0	53.4	62.2	106	06/1989	39	07/1975	69.6	1992	56.0	1975	0.8	0
May	72.9	56.5	64.7	102	16/1967	40	12/1933	72.6	1997	58.7	1917	0.8	0
June	77.0	59.7	68.4	112	26/1990	49	01/1917	77.4	1981	63.4	1944	1.3	0
July	82.3	63.2	72.7	107	01/1985	53	17/1907	79.9	2006	66.6	1944	3.2	0
August	83.1	63.8	73.4	105	06/1983	52	25/1909	80.8	1983	68.1	1914	4.1	0
September	81.8	62.6	72.2	113	27/2010	50	22/1921	81.3	1984	64.6	1933	4.9	0
October	77.6	58.7	68.1	108	03/1987	41	30/1971	74.2	1983	59.7	1916	3.1	0
November	72.8	53.3	63.0	100	01/1966	37	28/1919	68.9	1932	57.9	1906	0.8	0
December	67.4	49.1	58.2	92	08/1938	30	08/1978	64.2	1939	52.6	1916	0.0	0
Annual	74.0	55.8	64.9	113	20100927	25	19110219	68.9	1981	60.9	1916	19.5	0
Winter	67.0	49.0	58.0	95	19710118	25	19110219	63.3	1986	51.0	1949	0.2	0
Spring	70.9	53.7	62.3	106	19890406	35	19760304	67.8	1997	57.8	1917	1.9	0
Summer	80.8	62.2	71.5	112	19900626	49	19170601	77.6	1981	66.4	1916	8.5	0
Fall	77.4	58.2	67.8	113	20100927	37	19191128	72.2	1983	61.4	1916	8.8	0

Table updated on Mar 24, 2011

For monthly and annual means, thresholds, and sums:
Months with 5 or more missing days are not considered
Years with 1 or more missing months are not considered
Seasons are climatological not calendar seasons

Winter = Dec., Jan., and Feb. Spring = Mar., Apr., and May

Summer = Jun., Jul., and Aug. Fall = Sep., Oct., and Nov.

LOS ANGELES CIVIC CENTE, CALIFORNIA

Period of Record General Climate Summary - Precipitation

Station:(045115) LOS ANGELES CIVIC CENTE														
From Year=1906 To Year=2010														
	Precipitation											Total Snowfall		
	Mean	High	Year	Low	Year	1 Day Max.		>= 0.01 in.	>= 0.10 in.	>= 0.50 in.	>= 1.00 in.	Mean	High	Year
	in.	in.	-	in.	-	in.	dd/yyyy or yyyymmdd	# Days	# Days	# Days	# Days	in.	in.	-
January	3.24	14.94	1969	0.00	1948	5.71	26/1956	6	5	2	1	0.0	0.3	1949
February	3.41	13.68	1998	0.00	1912	4.80	24/1913	6	5	2	1	0.0	0.0	1949
March	2.39	8.37	1983	0.00	1931	5.88	02/1938	6	4	2	1	0.0	0.0	1949
April	1.02	7.53	1926	0.00	1909	2.74	05/1926	4	2	1	0	0.0	0.2	1950
May	0.25	3.57	1921	0.00	1923	2.02	08/1977	1	1	0	0	0.0	0.0	1949
June	0.07	0.98	1999	0.00	1908	0.76	05/1993	1	0	0	0	0.0	0.0	1913
July	0.01	0.18	1986	0.00	1907	0.60	25/1906	0	0	0	0	0.0	0.0	1948
August	0.05	2.26	1977	0.00	1907	2.06	17/1977	0	0	0	0	0.0	0.0	1948
September	0.28	5.67	1939	0.00	1907	3.96	25/1939	1	0	0	0	0.0	0.0	1948
October	0.47	4.56	2004	0.00	1913	1.72	17/1934	2	1	0	0	0.0	0.0	1948
November	1.25	9.68	1965	0.00	1907	3.85	07/1966	3	2	1	0	0.0	0.0	1948
December	2.42	10.23	2010	0.00	1912	5.55	28/2004	5	4	2	1	0.0	0.0	1948
Annual	14.85	34.04	1983	3.85	1953	5.88	19380302	36	23	10	4	0.0	0.3	1949
Winter	9.07	29.11	2005	1.19	1924	5.71	19560126	18	13	6	3	0.0	0.3	1949
Spring	3.65	13.89	1983	0.00	1997	5.88	19380302	11	7	2	1	0.0	0.2	1950
Summer	0.12	2.26	1977	0.00	1912	2.06	19770817	1	0	0	0	0.0	0.0	1949
Fall	2.00	11.48	1965	0.00	1980	3.96	19390925	6	4	1	0	0.0	0.0	1948

Table updated on Mar 24, 2011

For monthly and annual means, thresholds, and sums:
Months with 5 or more missing days are not considered
Years with 1 or more missing months are not considered
Seasons are climatological not calendar seasons

Winter = Dec., Jan., and Feb. Spring = Mar., Apr., and May

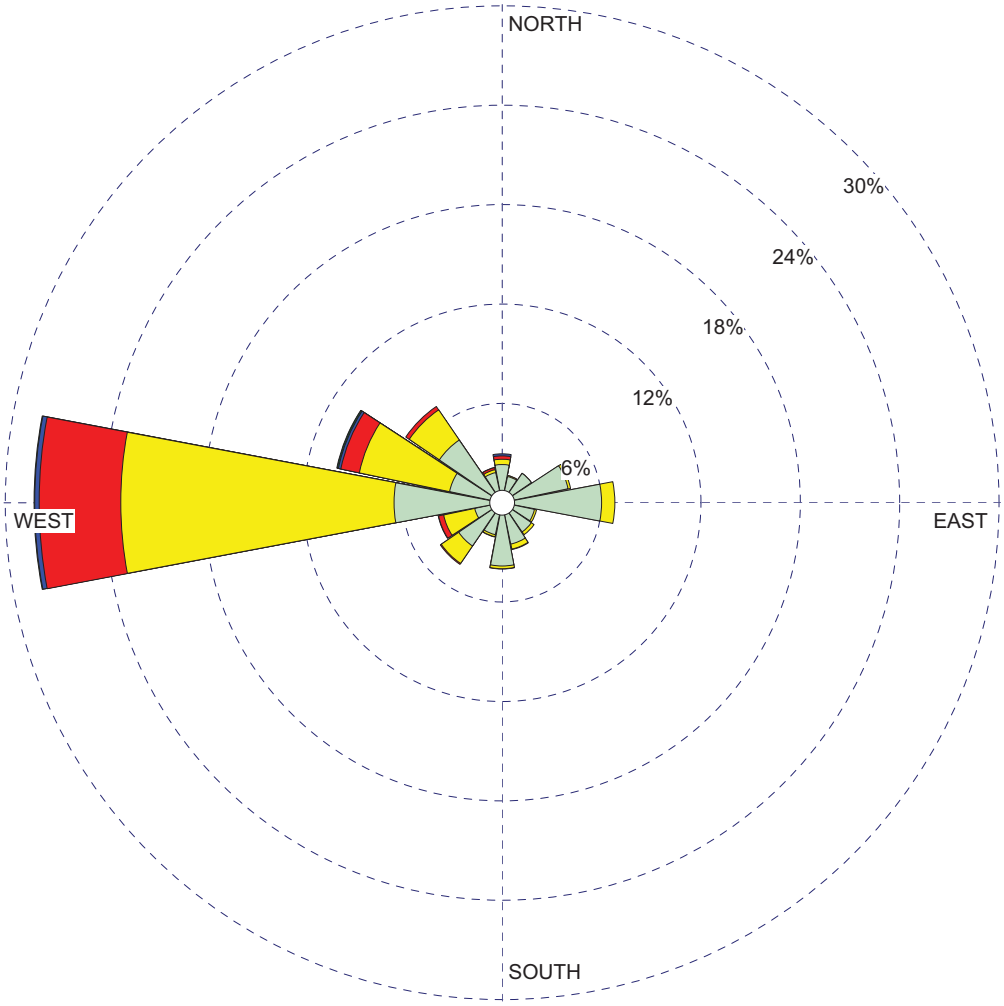
Summer = Jun., Jul., and Aug. Fall = Sep., Oct., and Nov.

WIND ROSE PLOT:

West Adams Community Plan

DISPLAY:

Wind Speed
Direction (blowing from)



WIND SPEED
(m/s)

- >= 11.1
- 8.8 - 11.1
- 5.7 - 8.8
- 3.6 - 5.7
- 2.1 - 3.6
- 0.5 - 2.1

Calms: 12.79%

COMMENTS:	DATA PERIOD: **Start Date: 1/1/1981 - 00:00** **End Date: 12/31/1981 - 23:00**	COMPANY NAME: **TAHA**	
		MODELER:	
	CALM WINDS: **12.79%**	TOTAL COUNT: **8760 hrs.**	
	AVG. WIND SPEED: **1.82 m/s**	DATE: **4/19/2011**	PROJECT NO.: **2010-074**

Appendix B

Ambient Air Data

Air Resources Board

iADAM

Highest 4 Daily Maximum Hourly Ozone Measurements

Los Angeles-North Main Street

FAQs

Year:	2008		2009		2010	
	Date	Measurement	Date	Measurement	Date	Measurement
First High:	May 18	0.109	Aug 30	0.139	Sep 26	0.098
Second High:	Jun 21	0.103	Sep 26	0.119	Sep 4	0.090
Third High:	May 17	0.095	Aug 26	0.104	Sep 25	0.087
Fourth High:	Jun 22	0.090	Aug 31	0.092	Aug 23	0.081
# Days Above State Standard:		3		3		1
California Designation Value:		0.11		0.11		0.10
Expected Peak Day Conc.:		0.107		0.105		0.101
# Days Above Nat'l Standard:		*0*		*1*		*0*
National Design Value:		*0.108*		*0.111*		*0.104*
Year Coverage:		96		96		96

Go Backward One Year | New Top 4 Summary | Go Forward One Year

Notes:

All concentrations are expressed in parts per million.

The national 1-hour ozone standard was revoked in June 2005 and is no longer in effect. Statistics related to the revoked standard are shown in *italics* or *italics*.

State exceedances are shown in **yellow**. Exceedances of the revoked national 1-hour standard are shown in *orange*.

An exceedance is not necessarily a violation.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* There was insufficient (or no) data available to determine the value.

Switch: 8-Hour Ozone | PM2.5 | PM10 | Carbon Monoxide | Nitrogen Dioxide | Sulfur Dioxide | Hydrogen Sulfide

Go to: Data Statistics Home Page | Top 4 Summaries Start Page

Air Resources Board

iADAM

Highest 4 Daily Maximum Hourly Nitrogen Dioxide Measurements

Los Angeles-North Main Street

FAQs

Year:	2008		2009		2010	
	Date	Measurement	Date	Measurement	Date	Measurement
First High:	Dec 1	0.122	Nov 3	0.115	Aug 24	0.089
Second High:	Nov 19	0.110	Sep 26	0.103	Sep 24	0.078
Third High:	Oct 27	0.099	Sep 24	0.085	Sep 27	0.074
Fourth High:	Nov 13	0.098	Sep 25	0.085	Sep 25	0.073
# Days Above State Standard:	0		0		0	
Annual Average:	0.027		0.028		0.025	
Year Coverage:	95		93		96	

Go Backward One Year | New Top 4 Summary | Go Forward One Year

Notes:

All averages are expressed in parts per million.

National exceedances are shown in orange. State exceedances are shown in yellow.

An exceedance is not necessarily a violation.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* There was insufficient (or no) data available to determine the value.

Switch: Hourly Ozone | 8-Hour Ozone | PM2.5 | PM10 | Carbon Monoxide | Sulfur Dioxide | Hydrogen Sulfide

Go to: Data Statistics Home Page | Top 4 Summaries Start Page

Air Resources Board

iADAM

Highest 4 Daily Maximum 8-Hour Ozone Averages

Los Angeles-North Main Street

FAQs

Year:	2008		2009		2010	
	Date	8-Hr Average	Date	8-Hr Average	Date	8-Hr Average
National:						
First High:	May 18	0.090	Aug 30	0.100	Sep 26	0.080
Second High:	Jun 21	0.081	Aug 26	0.078	Jun 5	0.065
Third High:	May 17	0.076	Aug 31	0.075	Sep 25	0.065
Fourth High:	Jun 15	0.073	Aug 29	0.073	Aug 23	0.064
California:						
First High:	May 18	0.090	Aug 30	0.101	Sep 26	0.080
Second High:	Jun 21	0.081	Aug 26	0.078	Sep 25	0.066
Third High:	May 17	0.076	Aug 31	0.075	Jun 5	0.065
Fourth High:	Jun 15	0.074	Aug 29	0.073	Aug 23	0.064
National:						
# Days Above '08 Nat'l Std.:	3		2		1	
'08 Nat'l Std. Design Value:	0.073		0.072		0.070	
National Year Coverage:	95		94		95	
California:						
# Days Above State Standard:	6		5		1	
California Designation Value:	0.081		0.081		0.081	
Expected Peak Day Conc.:	0.085		0.085		0.081	
California Year Coverage:	94		91		93	

Go Backward One Year | New Top 4 Summary | Go Forward One Year

Notes:
All averages are expressed in parts per million.
National exceedances are shown in orange. State exceedances are shown in yellow.
An exceedance is not necessarily a violation.
Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.
* There was insufficient (or no) data available to determine the value.

Switch: Hourly Ozone | PM2.5 | PM10 | Carbon Monoxide | Nitrogen Dioxide | Sulfur Dioxide | Hydrogen Sulfide

Go to: Data Statistics Home Page | Top 4 Summaries Start Page

Air Resources Board

iADAM

Highest 4 Daily Maximum 8-Hour Carbon Monoxide Averages

Los Angeles-North Main Street

FAQs

Year:	2008		2009		2010	
	Date	8-Hr Average	Date	8-Hr Average	Date	8-Hr Average
National:						
First High:	Jan 11	1.96	Jan 1	2.17	Dec 10	2.32
Second High:	Feb 9	1.93	Jan 17	1.84	Dec 3	2.09
Third High:	Nov 14	1.91	Aug 30	1.79	Jan 8	1.98
Fourth High:	Jan 12	1.88	Feb 4	1.76	Dec 9	1.95
California:						
First High:	Jan 11	1.96	Jan 1	2.20	Dec 10	2.32
Second High:	Feb 8	1.93	Jan 16	1.84	Dec 2	2.09
Third High:	Nov 13	1.91	Aug 30	1.79	Jan 7	1.98
Fourth High:	Jan 12	1.79	Feb 3	1.76	Dec 9	1.95
# Days Above Nat'l Standard:		0		0		0
# Days Above State Standard:		0		0		0
Year Coverage:		97		97		99

Go Backward One Year | New Top 4 Summary | Go Forward One Year

Notes:

All averages are expressed in parts per million.

National exceedances are shown in orange. State exceedances are shown in yellow.

An exceedance is not necessarily a violation.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* There was insufficient (or no) data available to determine the value.

Switch: Hourly Ozone | 8-Hour Ozone | PM2.5 | PM10 | Nitrogen Dioxide | Sulfur Dioxide | Hydrogen Sulfide

Go to: Data Statistics Home Page | Top 4 Summaries Start Page

Air Resources Board

iADAM

Highest 4 Daily 24-Hour PM10 Averages

Los Angeles-North Main Street

FAQs

Year:	2008		2009		2010	
	Date	24-Hr Average	Date	24-Hr Average	Date	24-Hr Average
National:						
First High:	Nov 20	66.0	Jan 1	72.0	Jul 1	42.0
Second High:	Dec 2	65.0	Oct 28	62.0	Aug 24	41.0
Third High:	Oct 21	50.0	Mar 20	57.0	Dec 4	41.0
Fourth High:	Oct 27	49.0	Jan 7	53.0	Dec 10	41.0
California:						
First High:	Nov 20	64.0	Jan 1	70.0	Jul 1	41.0
Second High:	Dec 2	63.0	Oct 28	61.0	Dec 4	41.0
Third High:	Oct 21	49.0	Mar 20	56.0	Feb 1	40.0
Fourth High:	Nov 14	48.0	Jan 7	51.0	Aug 24	40.0
Measured:						
# Days Above Nat'l Standard:		0		0		0
# Days Above State Standard:		2		4		0
Estimated:						
3-Yr Avg # Days Above Nat'l Std:		*		*		*
# Days Above Nat'l Standard:		*		0.0		0.0
# Days Above State Standard:		*		24.1		*
State 3-Yr Maximum Average:		33		33		*
State Annual Average:		*		32.5		*
National 3-Year Average:		*29*		*30*		*28*
National Annual Average:		*24.0*		*33.1*		*27.1*
Year Coverage:		79		99		94

Go Backward One Year | New Top 4 Summary | Go Forward One Year

Notes:

All concentrations are expressed in micrograms per cubic meter.

The national annual average PM10 standard was revoked in December 2006 and is no longer in effect.
Statistics related to the revoked standard are shown in *italics* or *italics*.

National exceedances are shown in **orange**. State exceedances are shown in **yellow**.

An exceedance is not necessarily a violation.

Statistics may include data that are related to an exceptional event.

State and national statistics may differ for the following reasons:

State statistics are based on California approved samplers, whereas national statistics are based on samplers using federal reference or equivalent methods. State and national statistics may therefore be based on different samplers.

State statistics for 1998 and later are based on *local* conditions (except for sites in the South Coast Air Basin, where State statistics for 2002 and later are based on *local* conditions). National statistics are based on *standard* conditions.

State criteria for ensuring that data are sufficiently complete for calculating valid annual averages are more stringent than the national criteria.

Measurements are usually collected every six days. Measured days counts the days that a measurement was greater than the level of the standard; Estimated days mathematically estimates how many days concentrations would have been greater than the level of the standard had each day been monitored.

3-Year statistics represent the listed year and the 2 years before the listed year.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* There was insufficient (or no) data available to determine the value.

Switch:	**Hourly Ozone**	**8-Hour Ozone**	**PM2.5**	**Carbon Monoxide**	**Nitrogen Dioxide**	**Sulfur Dioxide**	**Hydrogen Sulfide**
Go to:	**Data Statistics Home Page**			**Top 4 Summaries Start Page**			

Air Resources Board

iADAM

Highest 4 Daily 24-Hour PM2.5 Averages

Los Angeles-North Main Street

FAQs

Year:	2008		2009		2010	
	Date	24-Hr Average	Date	24-Hr Average	Date	24-Hr Average
National:						
First High:	Nov 16	78.3	Jan 1	61.6	Nov 17	48.6
Second High:	Dec 3	59.9	Jan 2	53.8	Feb 2	40.7
Third High:	Dec 2	54.5	Mar 19	53.0	Oct 14	39.2
Fourth High:	Nov 23	50.0	Mar 20	45.3	Feb 18	37.5
California:						
First High:	Nov 16	78.3	Jan 1	64.1	Oct 14	39.2
Second High:	Dec 3	59.9	Jan 2	53.8	Feb 18	37.5
Third High:	Jul 4	54.6	Mar 19	53.0	Dec 4	33.9
Fourth High:	Dec 2	54.5	Mar 20	46.6	Feb 1	31.3
Estimated Days > Nat'l 24-Hr Std:		12.0		7.0		5.0
Measured Days > Nat'l 24-Hr Std:		10		7		5
Nat'l 24-Hr Std Design Value:		43		42		35
Nat'l 24-Hr Std 98th Percentile:		40.3		33.9		31.3
National Annual Std Design Value:		16.1		15.8		14.4
National Annual Average:		16.0		14.4		12.6
State Ann'l Std Designation Value:		16		16		16
State Annual Average:		16.2		15.6		12.6
Year Coverage:		85		100		100

Go Backward One Year | New Top 4 Summary | Go Forward One Year

Notes:

All concentrations are expressed in micrograms per cubic meter.
National exceedances are shown in orange. State exceedances are shown in yellow.
An exceedance is not necessarily a violation.
State and national statistics may differ for the following reasons:
State statistics are based on California approved samplers, whereas national statistics are based on samplers using federal reference or equivalent methods.
State and national statistics may therefore be based on different samplers.
State criteria for ensuring that data are sufficiently complete for calculating valid annual averages are more stringent than the national criteria.
Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.
* There was insufficient (or no) data available to determine the value.

Switch: Hourly Ozone | 8-Hour Ozone | PM10 | Carbon Monoxide | Nitrogen Dioxide | Sulfur Dioxide | Hydrogen Sulfide

Go to: Data Statistics Home Page | Top 4 Summaries Start Page

Air Resources Board

iADAM

Highest 4 Daily Maximum State 24-Hour Sulfur Dioxide Averages

Los Angeles-North Main Street

FAQs

Year:	2008		2009		2010	
	Date	24-Hr Average	Date	24-Hr Average	Date	24-Hr Average
First High:	Sep 29	0.003	Feb 5	0.002	Jan 12	0.002
Second High:	Oct 8	0.003	Jul 20	0.002	Dec 3	0.002
Third High:	Oct 2	0.002	Mar 19	0.002	Dec 9	0.002
Fourth High:	Jul 5	0.002	May 14	0.002	Jul 15	0.002
Annual Average:		0.000		0.000		0.000
Year Coverage:		96		96		95

Go Backward One Year | New Top 4 Summary | Go Forward One Year

Notes:

All averages are expressed in parts per million.
State exceedances are shown in yellow.
An exceedance is not necessarily a violation.
Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.
* There was insufficient (or no) data available to determine the value.

Switch: Hourly Ozone | 8-Hour Ozone | PM2.5 | PM10 | Carbon Monoxide | Nitrogen Dioxide | Hydrogen Sulfide

Go to: Data Statistics Home Page | Top 4 Summaries Start Page

Appendix C

Construction Emissions Calculations

West Adams Community Plan Update Project
Estimated Construction Emissions- Mitigated

Construction Phase	**Tons Per Year**					
	VOC	NOx	CO	SOx	PM 2.5	PM 10
Residential	397.46	1708.84	1049.58	2.38	114.24	142.8
Commercial	71.5	79.3	53.82	0	5.72	7.8
Public Facility	43.01	94.53	65.55	0	6.21	7.59
Industrial	15.04	32.88	23.36	0.08	2.24	2.8
Total	527.01	1915.55	1192.31	2.46	128.41	160.99
Average Tons Per Year	21.08	76.62	47.69	0.10	5.14	6.44
Regional Total, Average Pounds Per Day	**162.16**	**589.40**	**366.86**	**0.76**	**39.51**	**49.54**

Construction Phase	**Pounds Per Day**					
	VOC	NOx	CO	SOx	PM 2.5	PM 10
Residential	122.29538	525.796923	322.94769	0.732308	35.15077	43.93846
Commercial	22	24.4	16.56	0	1.76	2.4
Public Facility	13.233846	29.0861538	20.169231	0	1.910769	2.335385
Industrial	4.6276923	10.1169231	7.1876923	0.024615	0.689231	0.861538
Regional Total, Average Pounds Per Day	162.15692	589.4	366.86462	0.756923	39.51077	49.53538

Methodology: CalEEMod (deault mode) was used to determined total emissions from construction.
Average Tons Per Year was determined by assuming the development will be distributed evenly over 25 years.
Average Daily Emissions = annual divided by 260 days (assuming 5 work days per week - 52 weeks per year)

West Adams Community Plan Update

South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Single Family Housing	100	Dwelling Unit

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	
Climate Zone	11	**Precipitation Freq (Days)**	31		

1.3 User Entered Comments

Project Characteristics -

Land Use - .

Construction Phase - .

Construction Off-road Equipment Mitigation - Rule 403

Woodstoves - New residential building will not include hearth.

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2005	109.04	154.48	81.84	1.01	18.30	7.85	24.88	9.93	7.85	16.51	0.00	11,085.01	0.00	1.65	0.00	11,119.68
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2005	109.04	154.48	81.84	1.01	7.28	7.85	13.86	3.88	7.85	10.46	0.00	11,085.01	0.00	1.65	0.00	11,119.68
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.37	0.13	9.69	0.00		0.00	0.04		0.00	0.04	0.00	15.04		0.02	0.00	15.54
Energy	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Mobile	10.81	24.32	111.68	0.19	9.48	0.77	10.25	0.13	0.71	0.84		9,678.02		0.83		9,695.52
Total	**15.30**	**25.48**	**121.81**	**0.20**	**9.48**	**0.77**	**10.37**	**0.13**	**0.71**	**0.96**	**0.00**	**11,014.02**		**0.88**	**0.02**	**11,040.06**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.37	0.13	9.69	0.00		0.00	0.04		0.00	0.04	0.00	15.04		0.02	0.00	15.54
Energy	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Mobile	10.81	24.32	111.68	0.19	9.48	0.77	10.25	0.13	0.71	0.84		9,678.02		0.83		9,695.52
Total	**15.30**	**25.48**	**121.81**	**0.20**	**9.48**	**0.77**	**10.37**	**0.13**	**0.71**	**0.96**	**0.00**	**11,014.02**		**0.88**	**0.02**	**11,040.06**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	13.34	109.97	58.95	0.70		5.75	5.75		5.75	5.75		7,510.81		1.20		7,535.98
Total	**13.34**	**109.97**	**58.95**	**0.70**		**5.75**	**5.75**		**5.75**	**5.75**		**7,510.81**		**1.20**		**7,535.98**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.18	0.19	2.04	0.00	0.20	0.01	0.20	0.00	0.01	0.01		171.26		0.02		171.64
Total	**0.18**	**0.19**	**2.04**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**171.26**		**0.02**		**171.64**

3.2 Demolition - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	13.34	109.97	58.95	0.70		5.75	5.75		5.75	5.75	0.00	7,510.81		1.20		7,535.98
Total	**13.34**	**109.97**	**58.95**	**0.70**		**5.75**	**5.75**		**5.75**	**5.75**	**0.00**	**7,510.81**		**1.20**		**7,535.98**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.18	0.19	2.04	0.00	0.20	0.01	0.20	0.00	0.01	0.01		171.26		0.02		171.64
Total	**0.18**	**0.19**	**2.04**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**171.26**		**0.02**		**171.64**

3.3 Site Preparation - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	14.82	119.94	69.87	0.73		6.57	6.57		6.57	6.57		7,997.69		1.33		8,025.63
Total	**14.82**	**119.94**	**69.87**	**0.73**	**18.07**	**6.57**	**24.64**	**9.93**	**6.57**	**16.50**		**7,997.69**		**1.33**		**8,025.63**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.22	0.22	2.45	0.00	0.23	0.01	0.24	0.00	0.01	0.01		205.52		0.02		205.97
Total	**0.22**	**0.22**	**2.45**	**0.00**	**0.23**	**0.01**	**0.24**	**0.00**	**0.01**	**0.01**		**205.52**		**0.02**		**205.97**

3.3 Site Preparation - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.05	0.00	7.05	3.87	0.00	3.87						0.00
Off-Road	14.82	119.94	69.87	0.73		6.57	6.57		6.57	6.57	0.00	7,997.69		1.33		8,025.63
Total	**14.82**	**119.94**	**69.87**	**0.73**	**7.05**	**6.57**	**13.62**	**3.87**	**6.57**	**10.44**	**0.00**	**7,997.69**		**1.33**		**8,025.63**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.22	0.22	2.45	0.00	0.23	0.01	0.24	0.00	0.01	0.01		205.52		0.02		205.97
Total	**0.22**	**0.22**	**2.45**	**0.00**	**0.23**	**0.01**	**0.24**	**0.00**	**0.01**	**0.01**		**205.52**		**0.02**		**205.97**

3.4 Grading - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.67	0.00	8.67	3.31	0.00	3.31						0.00
Off-Road	18.12	154.23	79.12	1.00		7.84	7.84		7.84	7.84		10,856.66		1.63		10,890.83
Total	**18.12**	**154.23**	**79.12**	**1.00**	**8.67**	**7.84**	**16.51**	**3.31**	**7.84**	**11.15**		**10,856.66**		**1.63**		**10,890.83**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.24	0.25	2.72	0.00	0.26	0.01	0.27	0.00	0.01	0.01		228.35		0.02		228.85
Total	**0.24**	**0.25**	**2.72**	**0.00**	**0.26**	**0.01**	**0.27**	**0.00**	**0.01**	**0.01**		**228.35**		**0.02**		**228.85**

3.4 Grading - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.38	0.00	3.38	1.29	0.00	1.29						0.00
Off-Road	18.12	154.23	79.12	1.00		7.84	7.84		7.84	7.84	0.00	10,856.66		1.63		10,890.83
Total	**18.12**	**154.23**	**79.12**	**1.00**	**3.38**	**7.84**	**11.22**	**1.29**	**7.84**	**9.13**	**0.00**	**10,856.66**		**1.63**		**10,890.83**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.24	0.25	2.72	0.00	0.26	0.01	0.27	0.00	0.01	0.01		228.35		0.02		228.85
Total	**0.24**	**0.25**	**2.72**	**0.00**	**0.26**	**0.01**	**0.27**	**0.00**	**0.01**	**0.01**		**228.35**		**0.02**		**228.85**

3.5 Building Construction - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	9.16	56.96	26.22	0.42		4.09	4.09		4.09	4.09		4,040.61		0.82		4,057.90
Total	**9.16**	**56.96**	**26.22**	**0.42**		**4.09**	**4.09**		**4.09**	**4.09**		**4,040.61**		**0.82**		**4,057.90**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.29	3.06	2.09	0.02	0.10	0.12	0.22	0.00	0.11	0.11		292.84		0.01		293.15
Worker	0.44	0.44	4.89	0.00	0.47	0.01	0.48	0.01	0.01	0.02		411.03		0.04		411.93
Total	**0.73**	**3.50**	**6.98**	**0.02**	**0.57**	**0.13**	**0.70**	**0.01**	**0.12**	**0.13**		**703.87**		**0.05**		**705.08**

3.5 Building Construction - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	9.16	56.96	26.22	0.42		4.09	4.09		4.09	4.09	0.00	4,040.61		0.82		4,057.90
Total	**9.16**	**56.96**	**26.22**	**0.42**		**4.09**	**4.09**		**4.09**	**4.09**	**0.00**	**4,040.61**		**0.82**		**4,057.90**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.29	3.06	2.09	0.02	0.10	0.12	0.22	0.00	0.11	0.11		292.84		0.01		293.15
Worker	0.44	0.44	4.89	0.00	0.47	0.01	0.48	0.01	0.01	0.02		411.03		0.04		411.93
Total	**0.73**	**3.50**	**6.98**	**0.02**	**0.57**	**0.13**	**0.70**	**0.01**	**0.12**	**0.13**		**703.87**		**0.05**		**705.08**

3.6 Paving - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.59	48.85	23.00	0.31		4.32	4.32		4.32	4.32		2,917.64		0.77		2,933.91
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**8.59**	**48.85**	**23.00**	**0.31**		**4.32**	**4.32**		**4.32**	**4.32**		**2,917.64**		**0.77**		**2,933.91**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.18	0.19	2.04	0.00	0.20	0.01	0.20	0.00	0.01	0.01		171.26		0.02		171.64
Total	**0.18**	**0.19**	**2.04**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**171.26**		**0.02**		**171.64**

3.6 Paving - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.59	48.85	23.00	0.31		4.32	4.32		4.32	4.32	0.00	2,917.64		0.77		2,933.91
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**8.59**	**48.85**	**23.00**	**0.31**		**4.32**	**4.32**		**4.32**	**4.32**	**0.00**	**2,917.64**		**0.77**		**2,933.91**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.18	0.19	2.04	0.00	0.20	0.01	0.20	0.00	0.01	0.01		171.26		0.02		171.64
Total	**0.18**	**0.19**	**2.04**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**171.26**		**0.02**		**171.64**

3.7 Architectural Coating - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	108.21					0.00	0.00		0.00	0.00						0.00
Off-Road	0.75	4.28	2.08	0.03		0.38	0.38		0.38	0.38		281.19		0.07		282.61
Total	**108.96**	**4.28**	**2.08**	**0.03**		**0.38**	**0.38**		**0.38**	**0.38**		**281.19**		**0.07**		**282.61**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.09	0.95	0.00	0.09	0.00	0.09	0.00	0.00	0.00		79.92		0.01		80.10
Total	**0.08**	**0.09**	**0.95**	**0.00**	**0.09**	**0.00**	**0.09**	**0.00**	**0.00**	**0.00**		**79.92**		**0.01**		**80.10**

3.7 Architectural Coating - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	108.21					0.00	0.00		0.00	0.00						0.00
Off-Road	0.75	4.28	2.08	0.03		0.38	0.38		0.38	0.38	0.00	281.19		0.07		282.61
Total	**108.96**	**4.28**	**2.08**	**0.03**		**0.38**	**0.38**		**0.38**	**0.38**	**0.00**	**281.19**		**0.07**		**282.61**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.09	0.95	0.00	0.09	0.00	0.09	0.00	0.00	0.00		79.92		0.01		80.10
Total	**0.08**	**0.09**	**0.95**	**0.00**	**0.09**	**0.00**	**0.09**	**0.00**	**0.00**	**0.00**		**79.92**		**0.01**		**80.10**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	10.81	24.32	111.68	0.19	9.48	0.77	10.25	0.13	0.71	0.84		9,678.02		0.83		9,695.52
Unmitigated	10.81	24.32	111.68	0.19	9.48	0.77	10.25	0.13	0.71	0.84		9,678.02		0.83		9,695.52
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	957.00	1,008.00	877.00	2,706,229	2,706,229
Total	957.00	1,008.00	877.00	2,706,229	2,706,229

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Single Family Housing	10.80	7.30	7.50	40.20	19.20	40.60

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
NaturalGas Unmitigated	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Single Family Housing	11228.2	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Total		**0.12**	**1.03**	**0.44**	**0.01**		**0.00**	**0.08**		**0.00**	**0.08**		**1,320.96**		**0.03**	**0.02**	**1,329.00**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Single Family Housing	11.2282	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Total		**0.12**	**1.03**	**0.44**	**0.01**		**0.00**	**0.08**		**0.00**	**0.08**		**1,320.96**		**0.03**	**0.02**	**1,329.00**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.37	0.13	9.69	0.00		0.00	0.04		0.00	0.04	0.00	15.04		0.02	0.00	15.54
Unmitigated	4.37	0.13	9.69	0.00		0.00	0.04		0.00	0.04	0.00	15.04		0.02	0.00	15.54
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.39					0.00	0.00		0.00	0.00						0.00
Consumer Products	3.56					0.00	0.00		0.00	0.00						0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00	0.00
Landscaping	0.42	0.13	9.69	0.00		0.00	0.04		0.00	0.04		15.04		0.02		15.54
Total	**4.37**	**0.13**	**9.69**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**	**0.00**	**15.04**		**0.02**	**0.00**	**15.54**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.39					0.00	0.00		0.00	0.00						0.00
Consumer Products	3.56					0.00	0.00		0.00	0.00						0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00	0.00
Landscaping	0.42	0.13	9.69	0.00		0.00	0.04		0.00	0.04		15.04		0.02		15.54
Total	**4.37**	**0.13**	**9.69**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**	**0.00**	**15.04**		**0.02**	**0.00**	**15.54**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

West Adams Community Plan Update

South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Single Family Housing	100	Dwelling Unit

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	
Climate Zone	11	**Precipitation Freq (Days)**	31		

1.3 User Entered Comments

Project Characteristics -

Land Use - .

Construction Phase - .

Construction Off-road Equipment Mitigation - Rule 403

Woodstoves - New residential building will not include hearth.

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2005	109.05	154.52	81.71	1.01	18.30	7.85	24.88	9.93	7.85	16.51	0.00	11,066.68	0.00	1.65	0.00	11,101.33
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2005	109.05	154.52	81.71	1.01	7.28	7.85	13.86	3.88	7.85	10.46	0.00	11,066.68	0.00	1.65	0.00	11,101.33
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.37	0.13	9.69	0.00		0.00	0.04		0.00	0.04	0.00	15.04		0.02	0.00	15.54
Energy	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Mobile	11.41	26.72	109.50	0.18	9.48	0.78	10.26	0.13	0.72	0.85		9,022.50		0.86		9,040.61
Total	**15.90**	**27.88**	**119.63**	**0.19**	**9.48**	**0.78**	**10.38**	**0.13**	**0.72**	**0.97**	**0.00**	**10,358.50**		**0.91**	**0.02**	**10,385.15**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.37	0.13	9.69	0.00		0.00	0.04		0.00	0.04	0.00	15.04		0.02	0.00	15.54
Energy	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Mobile	11.41	26.72	109.50	0.18	9.48	0.78	10.26	0.13	0.72	0.85		9,022.50		0.86		9,040.61
Total	**15.90**	**27.88**	**119.63**	**0.19**	**9.48**	**0.78**	**10.38**	**0.13**	**0.72**	**0.97**	**0.00**	**10,358.50**		**0.91**	**0.02**	**10,385.15**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	13.34	109.97	58.95	0.70		5.75	5.75		5.75	5.75		7,510.81		1.20		7,535.98
Total	**13.34**	**109.97**	**58.95**	**0.70**		**5.75**	**5.75**		**5.75**	**5.75**		**7,510.81**		**1.20**		**7,535.98**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.21	1.94	0.00	0.20	0.01	0.20	0.00	0.01	0.01		157.51		0.02		157.88
Total	**0.19**	**0.21**	**1.94**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**157.51**		**0.02**		**157.88**

3.2 Demolition - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	13.34	109.97	58.95	0.70		5.75	5.75		5.75	5.75	0.00	7,510.81		1.20		7,535.98
Total	**13.34**	**109.97**	**58.95**	**0.70**		**5.75**	**5.75**		**5.75**	**5.75**	**0.00**	**7,510.81**		**1.20**		**7,535.98**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.21	1.94	0.00	0.20	0.01	0.20	0.00	0.01	0.01		157.51		0.02		157.88
Total	**0.19**	**0.21**	**1.94**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**157.51**		**0.02**		**157.88**

3.3 Site Preparation - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	14.82	119.94	69.87	0.73		6.57	6.57		6.57	6.57		7,997.69		1.33		8,025.63
Total	**14.82**	**119.94**	**69.87**	**0.73**	**18.07**	**6.57**	**24.64**	**9.93**	**6.57**	**16.50**		**7,997.69**		**1.33**		**8,025.63**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.23	0.26	2.33	0.00	0.23	0.01	0.24	0.00	0.01	0.01		189.01		0.02		189.45
Total	**0.23**	**0.26**	**2.33**	**0.00**	**0.23**	**0.01**	**0.24**	**0.00**	**0.01**	**0.01**		**189.01**		**0.02**		**189.45**

3.3 Site Preparation - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.05	0.00	7.05	3.87	0.00	3.87						0.00
Off-Road	14.82	119.94	69.87	0.73		6.57	6.57		6.57	6.57	0.00	7,997.69		1.33		8,025.63
Total	**14.82**	**119.94**	**69.87**	**0.73**	**7.05**	**6.57**	**13.62**	**3.87**	**6.57**	**10.44**	**0.00**	**7,997.69**		**1.33**		**8,025.63**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.23	0.26	2.33	0.00	0.23	0.01	0.24	0.00	0.01	0.01		189.01		0.02		189.45
Total	**0.23**	**0.26**	**2.33**	**0.00**	**0.23**	**0.01**	**0.24**	**0.00**	**0.01**	**0.01**		**189.01**		**0.02**		**189.45**

3.4 Grading - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.67	0.00	8.67	3.31	0.00	3.31						0.00
Off-Road	18.12	154.23	79.12	1.00		7.84	7.84		7.84	7.84		10,856.66		1.63		10,890.83
Total	**18.12**	**154.23**	**79.12**	**1.00**	**8.67**	**7.84**	**16.51**	**3.31**	**7.84**	**11.15**		**10,856.66**		**1.63**		**10,890.83**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.26	0.28	2.59	0.00	0.26	0.01	0.27	0.00	0.01	0.01		210.02		0.02		210.50
Total	**0.26**	**0.28**	**2.59**	**0.00**	**0.26**	**0.01**	**0.27**	**0.00**	**0.01**	**0.01**		**210.02**		**0.02**		**210.50**

3.4 Grading - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.38	0.00	3.38	1.29	0.00	1.29						0.00
Off-Road	18.12	154.23	79.12	1.00		7.84	7.84		7.84	7.84	0.00	10,856.66		1.63		10,890.83
Total	**18.12**	**154.23**	**79.12**	**1.00**	**3.38**	**7.84**	**11.22**	**1.29**	**7.84**	**9.13**	**0.00**	**10,856.66**		**1.63**		**10,890.83**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.26	0.28	2.59	0.00	0.26	0.01	0.27	0.00	0.01	0.01		210.02		0.02		210.50
Total	**0.26**	**0.28**	**2.59**	**0.00**	**0.26**	**0.01**	**0.27**	**0.00**	**0.01**	**0.01**		**210.02**		**0.02**		**210.50**

3.5 Building Construction - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	9.16	56.96	26.22	0.42		4.09	4.09		4.09	4.09		4,040.61		0.82		4,057.90
Total	**9.16**	**56.96**	**26.22**	**0.42**		**4.09**	**4.09**		**4.09**	**4.09**		**4,040.61**		**0.82**		**4,057.90**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.30	3.25	2.23	0.02	0.10	0.12	0.22	0.00	0.11	0.11		291.07		0.02		291.39
Worker	0.46	0.51	4.66	0.00	0.47	0.01	0.48	0.01	0.01	0.02		378.03		0.04		378.91
Total	**0.76**	**3.76**	**6.89**	**0.02**	**0.57**	**0.13**	**0.70**	**0.01**	**0.12**	**0.13**		**669.10**		**0.06**		**670.30**

3.5 Building Construction - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	9.16	56.96	26.22	0.42		4.09	4.09		4.09	4.09	0.00	4,040.61		0.82		4,057.90
Total	**9.16**	**56.96**	**26.22**	**0.42**		**4.09**	**4.09**		**4.09**	**4.09**	**0.00**	**4,040.61**		**0.82**		**4,057.90**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.30	3.25	2.23	0.02	0.10	0.12	0.22	0.00	0.11	0.11		291.07		0.02		291.39
Worker	0.46	0.51	4.66	0.00	0.47	0.01	0.48	0.01	0.01	0.02		378.03		0.04		378.91
Total	**0.76**	**3.76**	**6.89**	**0.02**	**0.57**	**0.13**	**0.70**	**0.01**	**0.12**	**0.13**		**669.10**		**0.06**		**670.30**

3.6 Paving - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.59	48.85	23.00	0.31		4.32	4.32		4.32	4.32		2,917.64		0.77		2,933.91
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**8.59**	**48.85**	**23.00**	**0.31**		**4.32**	**4.32**		**4.32**	**4.32**		**2,917.64**		**0.77**		**2,933.91**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.21	1.94	0.00	0.20	0.01	0.20	0.00	0.01	0.01		157.51		0.02		157.88
Total	**0.19**	**0.21**	**1.94**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**157.51**		**0.02**		**157.88**

3.6 Paving - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.59	48.85	23.00	0.31		4.32	4.32		4.32	4.32	0.00	2,917.64		0.77		2,933.91
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**8.59**	**48.85**	**23.00**	**0.31**		**4.32**	**4.32**		**4.32**	**4.32**	**0.00**	**2,917.64**		**0.77**		**2,933.91**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.21	1.94	0.00	0.20	0.01	0.20	0.00	0.01	0.01		157.51		0.02		157.88
Total	**0.19**	**0.21**	**1.94**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**157.51**		**0.02**		**157.88**

3.7 Architectural Coating - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	108.21					0.00	0.00		0.00	0.00						0.00
Off-Road	0.75	4.28	2.08	0.03		0.38	0.38		0.38	0.38		281.19		0.07		282.61
Total	**108.96**	**4.28**	**2.08**	**0.03**		**0.38**	**0.38**		**0.38**	**0.38**		**281.19**		**0.07**		**282.61**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.10	0.91	0.00	0.09	0.00	0.09	0.00	0.00	0.00		73.51		0.01		73.68
Total	**0.09**	**0.10**	**0.91**	**0.00**	**0.09**	**0.00**	**0.09**	**0.00**	**0.00**	**0.00**		**73.51**		**0.01**		**73.68**

3.7 Architectural Coating - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	108.21					0.00	0.00		0.00	0.00						0.00
Off-Road	0.75	4.28	2.08	0.03		0.38	0.38		0.38	0.38	0.00	281.19		0.07		282.61
Total	**108.96**	**4.28**	**2.08**	**0.03**		**0.38**	**0.38**		**0.38**	**0.38**	**0.00**	**281.19**		**0.07**		**282.61**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.10	0.91	0.00	0.09	0.00	0.09	0.00	0.00	0.00		73.51		0.01		73.68
Total	**0.09**	**0.10**	**0.91**	**0.00**	**0.09**	**0.00**	**0.09**	**0.00**	**0.00**	**0.00**		**73.51**		**0.01**		**73.68**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	11.41	26.72	109.50	0.18	9.48	0.78	10.26	0.13	0.72	0.85		9,022.50		0.86		9,040.61
Unmitigated	11.41	26.72	109.50	0.18	9.48	0.78	10.26	0.13	0.72	0.85		9,022.50		0.86		9,040.61
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	957.00	1,008.00	877.00	2,706,229	2,706,229
Total	957.00	1,008.00	877.00	2,706,229	2,706,229

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Single Family Housing	10.80	7.30	7.50	40.20	19.20	40.60

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
NaturalGas Unmitigated	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Single Family Housing	11228.2	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Total		**0.12**	**1.03**	**0.44**	**0.01**		**0.00**	**0.08**		**0.00**	**0.08**		**1,320.96**		**0.03**	**0.02**	**1,329.00**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Single Family Housing	11.2282	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Total		**0.12**	**1.03**	**0.44**	**0.01**		**0.00**	**0.08**		**0.00**	**0.08**		**1,320.96**		**0.03**	**0.02**	**1,329.00**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.37	0.13	9.69	0.00		0.00	0.04		0.00	0.04	0.00	15.04		0.02	0.00	15.54
Unmitigated	4.37	0.13	9.69	0.00		0.00	0.04		0.00	0.04	0.00	15.04		0.02	0.00	15.54
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.39					0.00	0.00		0.00	0.00						0.00
Consumer Products	3.56					0.00	0.00		0.00	0.00						0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00	0.00
Landscaping	0.42	0.13	9.69	0.00		0.00	0.04		0.00	0.04		15.04		0.02		15.54
Total	**4.37**	**0.13**	**9.69**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**	**0.00**	**15.04**		**0.02**	**0.00**	**15.54**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.39					0.00	0.00		0.00	0.00						0.00
Consumer Products	3.56					0.00	0.00		0.00	0.00						0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00	0.00
Landscaping	0.42	0.13	9.69	0.00		0.00	0.04		0.00	0.04		15.04		0.02		15.54
Total	**4.37**	**0.13**	**9.69**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**	**0.00**	**15.04**		**0.02**	**0.00**	**15.54**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

West Adams Community Plan Update

South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Single Family Housing	100	Dwelling Unit

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	
Climate Zone	11	**Precipitation Freq (Days)**	31		

1.3 User Entered Comments

Project Characteristics -

Land Use - .

Construction Phase - .

Construction Off-road Equipment Mitigation - Rule 403

Woodstoves - New residential building will not include hearth.

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	40.34	23.26	38.15	0.10	18.30	0.81	19.11	9.93	0.81	10.74	0.00	11,022.13	0.00	0.45	0.00	11,031.63
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	40.34	23.26	38.15	0.10	7.28	0.81	8.09	3.88	0.81	4.69	0.00	11,022.13	0.00	0.45	0.00	11,031.63
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.20	0.10	8.32	0.00		0.00	0.05		0.00	0.05	0.00	15.04		0.01	0.00	15.34
Energy	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Mobile	2.72	6.20	22.60	0.09	9.48	0.41	9.88	0.13	0.39	0.53		7,084.21		0.21		7,088.70
Total	**7.04**	**7.33**	**31.36**	**0.10**	**9.48**	**0.41**	**10.01**	**0.13**	**0.39**	**0.66**	**0.00**	**8,420.21**		**0.25**	**0.02**	**8,433.04**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.20	0.10	8.32	0.00		0.00	0.05		0.00	0.05	0.00	15.04		0.01	0.00	15.34
Energy	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Mobile	2.72	6.20	22.60	0.09	9.48	0.41	9.88	0.13	0.39	0.53		7,084.21		0.21		7,088.70
Total	**7.04**	**7.33**	**31.36**	**0.10**	**9.48**	**0.41**	**10.01**	**0.13**	**0.39**	**0.66**	**0.00**	**8,420.21**		**0.25**	**0.02**	**8,433.04**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.63	16.56	29.96	0.07		0.62	0.62		0.62	0.62		7,510.81		0.33		7,517.65
Total	**3.63**	**16.56**	**29.96**	**0.07**		**0.62**	**0.62**		**0.62**	**0.62**		**7,510.81**		**0.33**		**7,517.65**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.02	0.34	0.00	0.20	0.01	0.20	0.00	0.01	0.01		124.11		0.00		124.19
Total	**0.04**	**0.02**	**0.34**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**124.11**		**0.00**		**124.19**

3.2 Demolition - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.63	16.56	29.96	0.07		0.62	0.62		0.62	0.62	0.00	7,510.81		0.33		7,517.65
Total	**3.63**	**16.56**	**29.96**	**0.07**		**0.62**	**0.62**		**0.62**	**0.62**	**0.00**	**7,510.81**		**0.33**		**7,517.65**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.02	0.34	0.00	0.20	0.01	0.20	0.00	0.01	0.01		124.11		0.00		124.19
Total	**0.04**	**0.02**	**0.34**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**124.11**		**0.00**		**124.19**

3.3 Site Preparation - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	4.39	23.23	26.42	0.07		0.80	0.80		0.80	0.80		7,997.69		0.39		8,005.95
Total	**4.39**	**23.23**	**26.42**	**0.07**	**18.07**	**0.80**	**18.87**	**9.93**	**0.80**	**10.73**		**7,997.69**		**0.39**		**8,005.95**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.03	0.41	0.00	0.23	0.01	0.24	0.00	0.01	0.01		148.93		0.00		149.03
Total	**0.04**	**0.03**	**0.41**	**0.00**	**0.23**	**0.01**	**0.24**	**0.00**	**0.01**	**0.01**		**148.93**		**0.00**		**149.03**

3.3 Site Preparation - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.05	0.00	7.05	3.87	0.00	3.87						0.00
Off-Road	4.39	23.23	26.42	0.07		0.80	0.80		0.80	0.80	0.00	7,997.69		0.39		8,005.95
Total	**4.39**	**23.23**	**26.42**	**0.07**	**7.05**	**0.80**	**7.85**	**3.87**	**0.80**	**4.67**	**0.00**	**7,997.69**		**0.39**		**8,005.95**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.03	0.41	0.00	0.23	0.01	0.24	0.00	0.01	0.01		148.93		0.00		149.03
Total	**0.04**	**0.03**	**0.41**	**0.00**	**0.23**	**0.01**	**0.24**	**0.00**	**0.01**	**0.01**		**148.93**		**0.00**		**149.03**

3.4 Grading - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.67	0.00	8.67	3.31	0.00	3.31						0.00
Off-Road	5.02	21.15	37.69	0.10		0.78	0.78		0.78	0.78		10,856.65		0.45		10,866.04
Total	**5.02**	**21.15**	**37.69**	**0.10**	**8.67**	**0.78**	**9.45**	**3.31**	**0.78**	**4.09**		**10,856.65**		**0.45**		**10,866.04**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.05	0.03	0.46	0.00	0.26	0.01	0.27	0.00	0.01	0.01		165.47		0.01		165.58
Total	**0.05**	**0.03**	**0.46**	**0.00**	**0.26**	**0.01**	**0.27**	**0.00**	**0.01**	**0.01**		**165.47**		**0.01**		**165.58**

3.4 Grading - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.38	0.00	3.38	1.29	0.00	1.29						0.00
Off-Road	5.02	21.15	37.69	0.10		0.78	0.78		0.78	0.78	0.00	10,856.65		0.45		10,866.04
Total	**5.02**	**21.15**	**37.69**	**0.10**	**3.38**	**0.78**	**4.16**	**1.29**	**0.78**	**2.07**	**0.00**	**10,856.65**		**0.45**		**10,866.04**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.05	0.03	0.46	0.00	0.26	0.01	0.27	0.00	0.01	0.01		165.47		0.01		165.58
Total	**0.05**	**0.03**	**0.46**	**0.00**	**0.26**	**0.01**	**0.27**	**0.00**	**0.01**	**0.01**		**165.47**		**0.01**		**165.58**

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18		4,040.61		0.15		4,043.72
Total	**1.66**	**8.05**	**21.82**	**0.04**		**0.18**	**0.18**		**0.18**	**0.18**		**4,040.61**		**0.15**		**4,043.72**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.06	0.79	0.45	0.00	0.10	0.02	0.12	0.00	0.02	0.02		305.75		0.00		305.82
Worker	0.09	0.06	0.82	0.00	0.47	0.02	0.49	0.01	0.02	0.02		297.85		0.01		298.05
Total	**0.15**	**0.85**	**1.27**	**0.00**	**0.57**	**0.04**	**0.61**	**0.01**	**0.04**	**0.04**		**603.60**		**0.01**		**603.87**

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18	0.00	4,040.61		0.15		4,043.72
Total	**1.66**	**8.05**	**21.82**	**0.04**		**0.18**	**0.18**		**0.18**	**0.18**	**0.00**	**4,040.61**		**0.15**		**4,043.72**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.06	0.79	0.45	0.00	0.10	0.02	0.12	0.00	0.02	0.02		305.75		0.00		305.82
Worker	0.09	0.06	0.82	0.00	0.47	0.02	0.49	0.01	0.02	0.02		297.85		0.01		298.05
Total	**0.15**	**0.85**	**1.27**	**0.00**	**0.57**	**0.04**	**0.61**	**0.01**	**0.04**	**0.04**		**603.60**		**0.01**		**603.87**

3.6 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.89	11.70	19.20	0.03		0.52	0.52		0.52	0.52		2,917.65		0.17		2,921.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**1.89**	**11.70**	**19.20**	**0.03**		**0.52**	**0.52**		**0.52**	**0.52**		**2,917.65**		**0.17**		**2,921.18**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.02	0.34	0.00	0.20	0.01	0.20	0.00	0.01	0.01		124.11		0.00		124.19
Total	**0.04**	**0.02**	**0.34**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**124.11**		**0.00**		**124.19**

3.6 Paving - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.89	11.70	19.20	0.03		0.52	0.52		0.52	0.52	0.00	2,917.65		0.17		2,921.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**1.89**	**11.70**	**19.20**	**0.03**		**0.52**	**0.52**		**0.52**	**0.52**	**0.00**	**2,917.65**		**0.17**		**2,921.18**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.02	0.34	0.00	0.20	0.01	0.20	0.00	0.01	0.01		124.11		0.00		124.19
Total	**0.04**	**0.02**	**0.34**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**124.11**		**0.00**		**124.19**

3.7 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	40.19					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02		281.19		0.01		281.43
Total	**40.32**	**0.86**	**1.80**	**0.00**		**0.02**	**0.02**		**0.02**	**0.02**		**281.19**		**0.01**		**281.43**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.01	0.16	0.00	0.09	0.00	0.09	0.00	0.00	0.00		57.92		0.00		57.95
Total	**0.02**	**0.01**	**0.16**	**0.00**	**0.09**	**0.00**	**0.09**	**0.00**	**0.00**	**0.00**		**57.92**		**0.00**		**57.95**

3.7 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	40.19					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02	0.00	281.19		0.01		281.43
Total	**40.32**	**0.86**	**1.80**	**0.00**		**0.02**	**0.02**		**0.02**	**0.02**	**0.00**	**281.19**		**0.01**		**281.43**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.01	0.16	0.00	0.09	0.00	0.09	0.00	0.00	0.00		57.92		0.00		57.95
Total	**0.02**	**0.01**	**0.16**	**0.00**	**0.09**	**0.00**	**0.09**	**0.00**	**0.00**	**0.00**		**57.92**		**0.00**		**57.95**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.72	6.20	22.60	0.09	9.48	0.41	9.88	0.13	0.39	0.53		7,084.21		0.21		7,088.70
Unmitigated	2.72	6.20	22.60	0.09	9.48	0.41	9.88	0.13	0.39	0.53		7,084.21		0.21		7,088.70
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	957.00	1,008.00	877.00	2,706,229	2,706,229
Total	957.00	1,008.00	877.00	2,706,229	2,706,229

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Single Family Housing	10.80	7.30	7.50	40.20	19.20	40.60

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
NaturalGas Unmitigated	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Single Family Housing	11228.2	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Total		**0.12**	**1.03**	**0.44**	**0.01**		**0.00**	**0.08**		**0.00**	**0.08**		**1,320.96**		**0.03**	**0.02**	**1,329.00**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Single Family Housing	11.2282	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Total		**0.12**	**1.03**	**0.44**	**0.01**		**0.00**	**0.08**		**0.00**	**0.08**		**1,320.96**		**0.03**	**0.02**	**1,329.00**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.20	0.10	8.32	0.00		0.00	0.05		0.00	0.05	0.00	15.04		0.01	0.00	15.34
Unmitigated	4.20	0.10	8.32	0.00		0.00	0.05		0.00	0.05	0.00	15.04		0.01	0.00	15.34
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.39					0.00	0.00		0.00	0.00						0.00
Consumer Products	3.56					0.00	0.00		0.00	0.00						0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00	0.00
Landscaping	0.25	0.10	8.32	0.00		0.00	0.05		0.00	0.05		15.04		0.01		15.34
Total	**4.20**	**0.10**	**8.32**	**0.00**		**0.00**	**0.05**		**0.00**	**0.05**	**0.00**	**15.04**		**0.01**	**0.00**	**15.34**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.39					0.00	0.00		0.00	0.00						0.00
Consumer Products	3.56					0.00	0.00		0.00	0.00						0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00	0.00
Landscaping	0.25	0.10	8.32	0.00		0.00	0.05		0.00	0.05		15.04		0.01		15.34
Total	**4.20**	**0.10**	**8.32**	**0.00**		**0.00**	**0.05**		**0.00**	**0.05**	**0.00**	**15.04**		**0.01**	**0.00**	**15.34**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

West Adams Community Plan Update

South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Single Family Housing	100	Dwelling Unit

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	
Climate Zone	11	**Precipitation Freq (Days)**	31		

1.3 User Entered Comments

Project Characteristics -

Land Use - .

Construction Phase - .

Construction Off-road Equipment Mitigation - Rule 403

Woodstoves - New residential building will not include hearth.

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	40.34	23.27	38.10	0.10	18.30	0.81	19.11	9.93	0.81	10.74	0.00	11,007.67	0.00	0.45	0.00	11,017.16
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	40.34	23.27	38.10	0.10	7.28	0.81	8.09	3.88	0.81	4.69	0.00	11,007.67	0.00	0.45	0.00	11,017.16
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.20	0.10	8.32	0.00		0.00	0.05		0.00	0.05	0.00	15.04		0.01	0.00	15.34
Energy	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Mobile	2.85	6.37	21.98	0.08	9.48	0.41	9.89	0.13	0.40	0.53		6,609.79		0.19		6,613.78
Total	**7.17**	**7.50**	**30.74**	**0.09**	**9.48**	**0.41**	**10.02**	**0.13**	**0.40**	**0.66**	**0.00**	**7,945.79**		**0.23**	**0.02**	**7,958.12**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.20	0.10	8.32	0.00		0.00	0.05		0.00	0.05	0.00	15.04		0.01	0.00	15.34
Energy	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Mobile	2.85	6.37	21.98	0.08	9.48	0.41	9.89	0.13	0.40	0.53		6,609.79		0.19		6,613.78
Total	**7.17**	**7.50**	**30.74**	**0.09**	**9.48**	**0.41**	**10.02**	**0.13**	**0.40**	**0.66**	**0.00**	**7,945.79**		**0.23**	**0.02**	**7,958.12**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.63	16.56	29.96	0.07		0.62	0.62		0.62	0.62		7,510.81		0.33		7,517.65
Total	**3.63**	**16.56**	**29.96**	**0.07**		**0.62**	**0.62**		**0.62**	**0.62**		**7,510.81**		**0.33**		**7,517.65**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.03	0.31	0.00	0.20	0.01	0.20	0.00	0.01	0.01		113.26		0.00		113.34
Total	**0.04**	**0.03**	**0.31**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**113.26**		**0.00**		**113.34**

3.2 Demolition - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.63	16.56	29.96	0.07		0.62	0.62		0.62	0.62	0.00	7,510.81		0.33		7,517.65
Total	**3.63**	**16.56**	**29.96**	**0.07**		**0.62**	**0.62**		**0.62**	**0.62**	**0.00**	**7,510.81**		**0.33**		**7,517.65**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.03	0.31	0.00	0.20	0.01	0.20	0.00	0.01	0.01		113.26		0.00		113.34
Total	**0.04**	**0.03**	**0.31**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**113.26**		**0.00**		**113.34**

3.3 Site Preparation - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	4.39	23.23	26.42	0.07		0.80	0.80		0.80	0.80		7,997.69		0.39		8,005.95
Total	**4.39**	**23.23**	**26.42**	**0.07**	**18.07**	**0.80**	**18.87**	**9.93**	**0.80**	**10.73**		**7,997.69**		**0.39**		**8,005.95**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.05	0.03	0.37	0.00	0.23	0.01	0.24	0.00	0.01	0.01		135.92		0.00		136.01
Total	**0.05**	**0.03**	**0.37**	**0.00**	**0.23**	**0.01**	**0.24**	**0.00**	**0.01**	**0.01**		**135.92**		**0.00**		**136.01**

3.3 Site Preparation - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.05	0.00	7.05	3.87	0.00	3.87						0.00
Off-Road	4.39	23.23	26.42	0.07		0.80	0.80		0.80	0.80	0.00	7,997.69		0.39		8,005.95
Total	**4.39**	**23.23**	**26.42**	**0.07**	**7.05**	**0.80**	**7.85**	**3.87**	**0.80**	**4.67**	**0.00**	**7,997.69**		**0.39**		**8,005.95**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.05	0.03	0.37	0.00	0.23	0.01	0.24	0.00	0.01	0.01		135.92		0.00		136.01
Total	**0.05**	**0.03**	**0.37**	**0.00**	**0.23**	**0.01**	**0.24**	**0.00**	**0.01**	**0.01**		**135.92**		**0.00**		**136.01**

3.4 Grading - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.67	0.00	8.67	3.31	0.00	3.31						0.00
Off-Road	5.02	21.15	37.69	0.10		0.78	0.78		0.78	0.78		10,856.65		0.45		10,866.04
Total	**5.02**	**21.15**	**37.69**	**0.10**	**8.67**	**0.78**	**9.45**	**3.31**	**0.78**	**4.09**		**10,856.65**		**0.45**		**10,866.04**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.05	0.04	0.41	0.00	0.26	0.01	0.27	0.00	0.01	0.01		151.02		0.00		151.12
Total	**0.05**	**0.04**	**0.41**	**0.00**	**0.26**	**0.01**	**0.27**	**0.00**	**0.01**	**0.01**		**151.02**		**0.00**		**151.12**

3.4 Grading - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.38	0.00	3.38	1.29	0.00	1.29						0.00
Off-Road	5.02	21.15	37.69	0.10		0.78	0.78		0.78	0.78	0.00	10,856.65		0.45		10,866.04
Total	**5.02**	**21.15**	**37.69**	**0.10**	**3.38**	**0.78**	**4.16**	**1.29**	**0.78**	**2.07**	**0.00**	**10,856.65**		**0.45**		**10,866.04**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.05	0.04	0.41	0.00	0.26	0.01	0.27	0.00	0.01	0.01		151.02		0.00		151.12
Total	**0.05**	**0.04**	**0.41**	**0.00**	**0.26**	**0.01**	**0.27**	**0.00**	**0.01**	**0.01**		**151.02**		**0.00**		**151.12**

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18		4,040.61		0.15		4,043.72
Total	**1.66**	**8.05**	**21.82**	**0.04**		**0.18**	**0.18**		**0.18**	**0.18**		**4,040.61**		**0.15**		**4,043.72**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.07	0.78	0.56	0.00	0.10	0.02	0.12	0.00	0.02	0.02		302.78		0.00		302.85
Worker	0.09	0.06	0.74	0.00	0.47	0.02	0.49	0.01	0.02	0.02		271.83		0.01		272.02
Total	**0.16**	**0.84**	**1.30**	**0.00**	**0.57**	**0.04**	**0.61**	**0.01**	**0.04**	**0.04**		**574.61**		**0.01**		**574.87**

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18	0.00	4,040.61		0.15		4,043.72
Total	**1.66**	**8.05**	**21.82**	**0.04**		**0.18**	**0.18**		**0.18**	**0.18**	**0.00**	**4,040.61**		**0.15**		**4,043.72**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.07	0.78	0.56	0.00	0.10	0.02	0.12	0.00	0.02	0.02		302.78		0.00		302.85
Worker	0.09	0.06	0.74	0.00	0.47	0.02	0.49	0.01	0.02	0.02		271.83		0.01		272.02
Total	**0.16**	**0.84**	**1.30**	**0.00**	**0.57**	**0.04**	**0.61**	**0.01**	**0.04**	**0.04**		**574.61**		**0.01**		**574.87**

3.6 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.89	11.70	19.20	0.03		0.52	0.52		0.52	0.52		2,917.65		0.17		2,921.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**1.89**	**11.70**	**19.20**	**0.03**		**0.52**	**0.52**		**0.52**	**0.52**		**2,917.65**		**0.17**		**2,921.18**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.03	0.31	0.00	0.20	0.01	0.20	0.00	0.01	0.01		113.26		0.00		113.34
Total	**0.04**	**0.03**	**0.31**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**113.26**		**0.00**		**113.34**

3.6 Paving - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.89	11.70	19.20	0.03		0.52	0.52		0.52	0.52	0.00	2,917.65		0.17		2,921.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**1.89**	**11.70**	**19.20**	**0.03**		**0.52**	**0.52**		**0.52**	**0.52**	**0.00**	**2,917.65**		**0.17**		**2,921.18**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.03	0.31	0.00	0.20	0.01	0.20	0.00	0.01	0.01		113.26		0.00		113.34
Total	**0.04**	**0.03**	**0.31**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**113.26**		**0.00**		**113.34**

3.7 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	40.19					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02		281.19		0.01		281.43
Total	**40.32**	**0.86**	**1.80**	**0.00**		**0.02**	**0.02**		**0.02**	**0.02**		**281.19**		**0.01**		**281.43**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.01	0.14	0.00	0.09	0.00	0.09	0.00	0.00	0.00		52.86		0.00		52.89
Total	**0.02**	**0.01**	**0.14**	**0.00**	**0.09**	**0.00**	**0.09**	**0.00**	**0.00**	**0.00**		**52.86**		**0.00**		**52.89**

3.7 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	40.19					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02	0.00	281.19		0.01		281.43
Total	**40.32**	**0.86**	**1.80**	**0.00**		**0.02**	**0.02**		**0.02**	**0.02**	**0.00**	**281.19**		**0.01**		**281.43**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.01	0.14	0.00	0.09	0.00	0.09	0.00	0.00	0.00		52.86		0.00		52.89
Total	**0.02**	**0.01**	**0.14**	**0.00**	**0.09**	**0.00**	**0.09**	**0.00**	**0.00**	**0.00**		**52.86**		**0.00**		**52.89**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.85	6.37	21.98	0.08	9.48	0.41	9.89	0.13	0.40	0.53		6,609.79		0.19		6,613.78
Unmitigated	2.85	6.37	21.98	0.08	9.48	0.41	9.89	0.13	0.40	0.53		6,609.79		0.19		6,613.78
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	957.00	1,008.00	877.00	2,706,229	2,706,229
Total	957.00	1,008.00	877.00	2,706,229	2,706,229

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Single Family Housing	10.80	7.30	7.50	40.20	19.20	40.60

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
NaturalGas Unmitigated	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Single Family Housing	11228.2	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Total		**0.12**	**1.03**	**0.44**	**0.01**		**0.00**	**0.08**		**0.00**	**0.08**		**1,320.96**		**0.03**	**0.02**	**1,329.00**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Single Family Housing	11.2282	0.12	1.03	0.44	0.01		0.00	0.08		0.00	0.08		1,320.96		0.03	0.02	1,329.00
Total		**0.12**	**1.03**	**0.44**	**0.01**		**0.00**	**0.08**		**0.00**	**0.08**		**1,320.96**		**0.03**	**0.02**	**1,329.00**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.20	0.10	8.32	0.00		0.00	0.05		0.00	0.05	0.00	15.04		0.01	0.00	15.34
Unmitigated	4.20	0.10	8.32	0.00		0.00	0.05		0.00	0.05	0.00	15.04		0.01	0.00	15.34
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.39					0.00	0.00		0.00	0.00						0.00
Consumer Products	3.56					0.00	0.00		0.00	0.00						0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00	0.00
Landscaping	0.25	0.10	8.32	0.00		0.00	0.05		0.00	0.05		15.04		0.01		15.34
Total	**4.20**	**0.10**	**8.32**	**0.00**		**0.00**	**0.05**		**0.00**	**0.05**	**0.00**	**15.04**		**0.01**	**0.00**	**15.34**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.39					0.00	0.00		0.00	0.00						0.00
Consumer Products	3.56					0.00	0.00		0.00	0.00						0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00	0.00
Landscaping	0.25	0.10	8.32	0.00		0.00	0.05		0.00	0.05		15.04		0.01		15.34
Total	**4.20**	**0.10**	**8.32**	**0.00**		**0.00**	**0.05**		**0.00**	**0.05**	**0.00**	**15.04**		**0.01**	**0.00**	**15.34**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

West Adams Community Plan Update

South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
General Office Building	200	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	
Climate Zone	11	**Precipitation Freq (Days)**	31		

1.3 User Entered Comments

Project Characteristics -

Land Use - .

Construction Phase - .

Construction Off-road Equipment Mitigation - Rule 403

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2005	273.33	120.19	72.20	0.73	18.30	6.58	24.88	9.93	6.58	16.51	0.00	8,186.70	0.00	1.35	0.00	8,215.08
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2005	273.33	120.19	72.20	0.73	18.30	6.58	24.88	9.93	6.58	16.51	0.00	8,186.70	0.00	1.35	0.00	8,215.08
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	5.23	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Mobile	22.15	49.98	209.17	0.33	17.42	1.45	18.87	0.25	1.33	1.58		16,666.94		1.62		16,701.05
Total	**27.44**	**50.57**	**209.66**	**0.33**	**17.42**	**1.45**	**18.91**	**0.25**	**1.33**	**1.62**		**17,371.53**		**1.63**	**0.01**	**17,409.93**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	5.23	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Mobile	22.15	49.98	209.17	0.33	17.42	1.45	18.87	0.25	1.33	1.58		16,666.94		1.62		16,701.05
Total	**27.44**	**50.57**	**209.66**	**0.33**	**17.42**	**1.45**	**18.91**	**0.25**	**1.33**	**1.62**		**17,371.53**		**1.63**	**0.01**	**17,409.93**

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Demolition - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	13.34	109.97	58.95	0.70		5.75	5.75		5.75	5.75		7,510.81		1.20		7,535.98
Total	**13.34**	**109.97**	**58.95**	**0.70**		**5.75**	**5.75**		**5.75**	**5.75**		**7,510.81**		**1.20**		**7,535.98**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.21	1.94	0.00	0.20	0.01	0.20	0.00	0.01	0.01		157.51		0.02		157.88
Total	**0.19**	**0.21**	**1.94**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**157.51**		**0.02**		**157.88**

3.2 Demolition - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	13.34	109.97	58.95	0.70		5.75	5.75		5.75	5.75	0.00	7,510.81		1.20		7,535.98
Total	**13.34**	**109.97**	**58.95**	**0.70**		**5.75**	**5.75**		**5.75**	**5.75**	**0.00**	**7,510.81**		**1.20**		**7,535.98**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.21	1.94	0.00	0.20	0.01	0.20	0.00	0.01	0.01		157.51		0.02		157.88
Total	**0.19**	**0.21**	**1.94**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**157.51**		**0.02**		**157.88**

3.3 Site Preparation - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	14.82	119.94	69.87	0.73		6.57	6.57		6.57	6.57		7,997.69		1.33		8,025.63
Total	**14.82**	**119.94**	**69.87**	**0.73**	**18.07**	**6.57**	**24.64**	**9.93**	**6.57**	**16.50**		**7,997.69**		**1.33**		**8,025.63**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.23	0.26	2.33	0.00	0.23	0.01	0.24	0.00	0.01	0.01		189.01		0.02		189.45
Total	**0.23**	**0.26**	**2.33**	**0.00**	**0.23**	**0.01**	**0.24**	**0.00**	**0.01**	**0.01**		**189.01**		**0.02**		**189.45**

3.3 Site Preparation - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	14.82	119.94	69.87	0.73		6.57	6.57		6.57	6.57	0.00	7,997.69		1.33		8,025.63
Total	**14.82**	**119.94**	**69.87**	**0.73**	**18.07**	**6.57**	**24.64**	**9.93**	**6.57**	**16.50**	**0.00**	**7,997.69**		**1.33**		**8,025.63**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.23	0.26	2.33	0.00	0.23	0.01	0.24	0.00	0.01	0.01		189.01		0.02		189.45
Total	**0.23**	**0.26**	**2.33**	**0.00**	**0.23**	**0.01**	**0.24**	**0.00**	**0.01**	**0.01**		**189.01**		**0.02**		**189.45**

3.4 Grading - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.55	0.00	6.55	3.31	0.00	3.31						0.00
Off-Road	10.23	76.87	39.98	0.51		4.71	4.71		4.71	4.71		5,240.06		0.92		5,259.37
Total	**10.23**	**76.87**	**39.98**	**0.51**	**6.55**	**4.71**	**11.26**	**3.31**	**4.71**	**8.02**		**5,240.06**		**0.92**		**5,259.37**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.21	1.94	0.00	0.20	0.01	0.20	0.00	0.01	0.01		157.51		0.02		157.88
Total	**0.19**	**0.21**	**1.94**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**157.51**		**0.02**		**157.88**

3.4 Grading - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.55	0.00	6.55	3.31	0.00	3.31						0.00
Off-Road	10.23	76.87	39.98	0.51		4.71	4.71		4.71	4.71	0.00	5,240.06		0.92		5,259.37
Total	**10.23**	**76.87**	**39.98**	**0.51**	**6.55**	**4.71**	**11.26**	**3.31**	**4.71**	**8.02**	**0.00**	**5,240.06**		**0.92**		**5,259.37**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.21	1.94	0.00	0.20	0.01	0.20	0.00	0.01	0.01		157.51		0.02		157.88
Total	**0.19**	**0.21**	**1.94**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**157.51**		**0.02**		**157.88**

3.5 Building Construction - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	9.16	56.96	26.22	0.42		4.09	4.09		4.09	4.09		4,040.61		0.82		4,057.90
Total	**9.16**	**56.96**	**26.22**	**0.42**		**4.09**	**4.09**		**4.09**	**4.09**		**4,040.61**		**0.82**		**4,057.90**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.91	9.74	6.70	0.07	0.30	0.36	0.66	0.01	0.33	0.34		873.20		0.05		874.16
Worker	0.82	0.91	8.29	0.01	0.84	0.02	0.86	0.01	0.02	0.03		672.05		0.07		673.61
Total	**1.73**	**10.65**	**14.99**	**0.08**	**1.14**	**0.38**	**1.52**	**0.02**	**0.35**	**0.37**		**1,545.25**		**0.12**		**1,547.77**

3.5 Building Construction - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	9.16	56.96	26.22	0.42		4.09	4.09		4.09	4.09	0.00	4,040.61		0.82		4,057.90
Total	**9.16**	**56.96**	**26.22**	**0.42**		**4.09**	**4.09**		**4.09**	**4.09**	**0.00**	**4,040.61**		**0.82**		**4,057.90**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.91	9.74	6.70	0.07	0.30	0.36	0.66	0.01	0.33	0.34		873.20		0.05		874.16
Worker	0.82	0.91	8.29	0.01	0.84	0.02	0.86	0.01	0.02	0.03		672.05		0.07		673.61
Total	**1.73**	**10.65**	**14.99**	**0.08**	**1.14**	**0.38**	**1.52**	**0.02**	**0.35**	**0.37**		**1,545.25**		**0.12**		**1,547.77**

3.6 Paving - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	6.83	38.76	18.60	0.26		3.46	3.46		3.46	3.46		2,400.73		0.62		2,413.65
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**6.83**	**38.76**	**18.60**	**0.26**		**3.46**	**3.46**		**3.46**	**3.46**		**2,400.73**		**0.62**		**2,413.65**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.26	0.28	2.59	0.00	0.26	0.01	0.27	0.00	0.01	0.01		210.02		0.02		210.50
Total	**0.26**	**0.28**	**2.59**	**0.00**	**0.26**	**0.01**	**0.27**	**0.00**	**0.01**	**0.01**		**210.02**		**0.02**		**210.50**

3.6 Paving - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	6.83	38.76	18.60	0.26		3.46	3.46		3.46	3.46	0.00	2,400.73		0.62		2,413.65
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**6.83**	**38.76**	**18.60**	**0.26**		**3.46**	**3.46**		**3.46**	**3.46**	**0.00**	**2,400.73**		**0.62**		**2,413.65**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.26	0.28	2.59	0.00	0.26	0.01	0.27	0.00	0.01	0.01		210.02		0.02		210.50
Total	**0.26**	**0.28**	**2.59**	**0.00**	**0.26**	**0.01**	**0.27**	**0.00**	**0.01**	**0.01**		**210.02**		**0.02**		**210.50**

3.7 Architectural Coating - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	272.41					0.00	0.00		0.00	0.00						0.00
Off-Road	0.75	4.28	2.08	0.03		0.38	0.38		0.38	0.38		281.19		0.07		282.61
Total	**273.16**	**4.28**	**2.08**	**0.03**		**0.38**	**0.38**		**0.38**	**0.38**		**281.19**		**0.07**		**282.61**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.17	0.18	1.68	0.00	0.17	0.00	0.17	0.00	0.00	0.01		136.51		0.02		136.83
Total	**0.17**	**0.18**	**1.68**	**0.00**	**0.17**	**0.00**	**0.17**	**0.00**	**0.00**	**0.01**		**136.51**		**0.02**		**136.83**

3.7 Architectural Coating - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	272.41					0.00	0.00		0.00	0.00						0.00
Off-Road	0.75	4.28	2.08	0.03		0.38	0.38		0.38	0.38	0.00	281.19		0.07		282.61
Total	**273.16**	**4.28**	**2.08**	**0.03**		**0.38**	**0.38**		**0.38**	**0.38**	**0.00**	**281.19**		**0.07**		**282.61**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.17	0.18	1.68	0.00	0.17	0.00	0.17	0.00	0.00	0.01		136.51		0.02		136.83
Total	**0.17**	**0.18**	**1.68**	**0.00**	**0.17**	**0.00**	**0.17**	**0.00**	**0.00**	**0.01**		**136.51**		**0.02**		**136.83**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	22.15	49.98	209.17	0.33	17.42	1.45	18.87	0.25	1.33	1.58		16,666.94		1.62		16,701.05
Unmitigated	22.15	49.98	209.17	0.33	17.42	1.45	18.87	0.25	1.33	1.58		16,666.94		1.62		16,701.05
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	2,202.00	474.00	196.00	3,987,473	3,987,473
Total	2,202.00	474.00	196.00	3,987,473	3,987,473

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
NaturalGas Unmitigated	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Office Building	5989.04	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Total		**0.06**	**0.59**	**0.49**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**		**704.59**		**0.01**	**0.01**	**708.88**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Office Building	5.98904	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Total		**0.06**	**0.59**	**0.49**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**		**704.59**		**0.01**	**0.01**	**708.88**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.23	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	5.23	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.27					0.00	0.00		0.00	0.00						0.00
Consumer Products	3.96					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**5.23**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.27					0.00	0.00		0.00	0.00						0.00
Consumer Products	3.96					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**5.23**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

West Adams Community Plan Update

South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
General Office Building	200	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	
Climate Zone	11	**Precipitation Freq (Days)**	31		

1.3 User Entered Comments

Project Characteristics -

Land Use - .

Construction Phase - .

Construction Off-road Equipment Mitigation - Rule 403

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2005	273.32	120.16	72.32	0.73	18.30	6.58	24.88	9.93	6.58	16.51	0.00	8,203.20	0.00	1.35	0.00	8,231.59
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2005	273.32	120.16	72.32	0.73	18.30	6.58	24.88	9.93	6.58	16.51	0.00	8,203.20	0.00	1.35	0.00	8,231.59
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	5.23	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Mobile	21.02	45.54	211.42	0.35	17.42	1.43	18.85	0.25	1.32	1.56		17,874.55		1.56		17,907.35
Total	**26.31**	**46.13**	**211.91**	**0.35**	**17.42**	**1.43**	**18.89**	**0.25**	**1.32**	**1.60**		**18,579.14**		**1.57**	**0.01**	**18,616.23**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	5.23	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Mobile	21.02	45.54	211.42	0.35	17.42	1.43	18.85	0.25	1.32	1.56		17,874.55		1.56		17,907.35
Total	**26.31**	**46.13**	**211.91**	**0.35**	**17.42**	**1.43**	**18.89**	**0.25**	**1.32**	**1.60**		**18,579.14**		**1.57**	**0.01**	**18,616.23**

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Demolition - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	13.34	109.97	58.95	0.70		5.75	5.75		5.75	5.75		7,510.81		1.20		7,535.98
Total	**13.34**	**109.97**	**58.95**	**0.70**		**5.75**	**5.75**		**5.75**	**5.75**		**7,510.81**		**1.20**		**7,535.98**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.18	0.19	2.04	0.00	0.20	0.01	0.20	0.00	0.01	0.01		171.26		0.02		171.64
Total	**0.18**	**0.19**	**2.04**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**171.26**		**0.02**		**171.64**

3.2 Demolition - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	13.34	109.97	58.95	0.70		5.75	5.75		5.75	5.75	0.00	7,510.81		1.20		7,535.98
Total	**13.34**	**109.97**	**58.95**	**0.70**		**5.75**	**5.75**		**5.75**	**5.75**	**0.00**	**7,510.81**		**1.20**		**7,535.98**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.18	0.19	2.04	0.00	0.20	0.01	0.20	0.00	0.01	0.01		171.26		0.02		171.64
Total	**0.18**	**0.19**	**2.04**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**171.26**		**0.02**		**171.64**

3.3 Site Preparation - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	14.82	119.94	69.87	0.73		6.57	6.57		6.57	6.57		7,997.69		1.33		8,025.63
Total	**14.82**	**119.94**	**69.87**	**0.73**	**18.07**	**6.57**	**24.64**	**9.93**	**6.57**	**16.50**		**7,997.69**		**1.33**		**8,025.63**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.22	0.22	2.45	0.00	0.23	0.01	0.24	0.00	0.01	0.01		205.52		0.02		205.97
Total	**0.22**	**0.22**	**2.45**	**0.00**	**0.23**	**0.01**	**0.24**	**0.00**	**0.01**	**0.01**		**205.52**		**0.02**		**205.97**

3.3 Site Preparation - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	14.82	119.94	69.87	0.73		6.57	6.57		6.57	6.57	0.00	7,997.69		1.33		8,025.63
Total	**14.82**	**119.94**	**69.87**	**0.73**	**18.07**	**6.57**	**24.64**	**9.93**	**6.57**	**16.50**	**0.00**	**7,997.69**		**1.33**		**8,025.63**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.22	0.22	2.45	0.00	0.23	0.01	0.24	0.00	0.01	0.01		205.52		0.02		205.97
Total	**0.22**	**0.22**	**2.45**	**0.00**	**0.23**	**0.01**	**0.24**	**0.00**	**0.01**	**0.01**		**205.52**		**0.02**		**205.97**

3.4 Grading - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.55	0.00	6.55	3.31	0.00	3.31						0.00
Off-Road	10.23	76.87	39.98	0.51		4.71	4.71		4.71	4.71		5,240.06		0.92		5,259.37
Total	**10.23**	**76.87**	**39.98**	**0.51**	**6.55**	**4.71**	**11.26**	**3.31**	**4.71**	**8.02**		**5,240.06**		**0.92**		**5,259.37**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.18	0.19	2.04	0.00	0.20	0.01	0.20	0.00	0.01	0.01		171.26		0.02		171.64
Total	**0.18**	**0.19**	**2.04**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**171.26**		**0.02**		**171.64**

3.4 Grading - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.55	0.00	6.55	3.31	0.00	3.31						0.00
Off-Road	10.23	76.87	39.98	0.51		4.71	4.71		4.71	4.71	0.00	5,240.06		0.92		5,259.37
Total	**10.23**	**76.87**	**39.98**	**0.51**	**6.55**	**4.71**	**11.26**	**3.31**	**4.71**	**8.02**	**0.00**	**5,240.06**		**0.92**		**5,259.37**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.18	0.19	2.04	0.00	0.20	0.01	0.20	0.00	0.01	0.01		171.26		0.02		171.64
Total	**0.18**	**0.19**	**2.04**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**171.26**		**0.02**		**171.64**

3.5 Building Construction - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	9.16	56.96	26.22	0.42		4.09	4.09		4.09	4.09		4,040.61		0.82		4,057.90
Total	**9.16**	**56.96**	**26.22**	**0.42**		**4.09**	**4.09**		**4.09**	**4.09**		**4,040.61**		**0.82**		**4,057.90**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.87	9.18	6.28	0.07	0.30	0.35	0.66	0.01	0.32	0.33		878.53		0.04		879.45
Worker	0.78	0.79	8.69	0.01	0.84	0.02	0.86	0.01	0.02	0.03		730.73		0.08		732.33
Total	**1.65**	**9.97**	**14.97**	**0.08**	**1.14**	**0.37**	**1.52**	**0.02**	**0.34**	**0.36**		**1,609.26**		**0.12**		**1,611.78**

3.5 Building Construction - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	9.16	56.96	26.22	0.42		4.09	4.09		4.09	4.09	0.00	4,040.61		0.82		4,057.90
Total	**9.16**	**56.96**	**26.22**	**0.42**		**4.09**	**4.09**		**4.09**	**4.09**	**0.00**	**4,040.61**		**0.82**		**4,057.90**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.87	9.18	6.28	0.07	0.30	0.35	0.66	0.01	0.32	0.33		878.53		0.04		879.45
Worker	0.78	0.79	8.69	0.01	0.84	0.02	0.86	0.01	0.02	0.03		730.73		0.08		732.33
Total	**1.65**	**9.97**	**14.97**	**0.08**	**1.14**	**0.37**	**1.52**	**0.02**	**0.34**	**0.36**		**1,609.26**		**0.12**		**1,611.78**

3.6 Paving - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	6.83	38.76	18.60	0.26		3.46	3.46		3.46	3.46		2,400.73		0.62		2,413.65
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**6.83**	**38.76**	**18.60**	**0.26**		**3.46**	**3.46**		**3.46**	**3.46**		**2,400.73**		**0.62**		**2,413.65**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.24	0.25	2.72	0.00	0.26	0.01	0.27	0.00	0.01	0.01		228.35		0.02		228.85
Total	**0.24**	**0.25**	**2.72**	**0.00**	**0.26**	**0.01**	**0.27**	**0.00**	**0.01**	**0.01**		**228.35**		**0.02**		**228.85**

3.6 Paving - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	6.83	38.76	18.60	0.26		3.46	3.46		3.46	3.46	0.00	2,400.73		0.62		2,413.65
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**6.83**	**38.76**	**18.60**	**0.26**		**3.46**	**3.46**		**3.46**	**3.46**	**0.00**	**2,400.73**		**0.62**		**2,413.65**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.24	0.25	2.72	0.00	0.26	0.01	0.27	0.00	0.01	0.01		228.35		0.02		228.85
Total	**0.24**	**0.25**	**2.72**	**0.00**	**0.26**	**0.01**	**0.27**	**0.00**	**0.01**	**0.01**		**228.35**		**0.02**		**228.85**

3.7 Architectural Coating - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	272.41					0.00	0.00		0.00	0.00						0.00
Off-Road	0.75	4.28	2.08	0.03		0.38	0.38		0.38	0.38		281.19		0.07		282.61
Total	**273.16**	**4.28**	**2.08**	**0.03**		**0.38**	**0.38**		**0.38**	**0.38**		**281.19**		**0.07**		**282.61**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.16	0.16	1.77	0.00	0.17	0.00	0.17	0.00	0.00	0.01		148.43		0.02		148.75
Total	**0.16**	**0.16**	**1.77**	**0.00**	**0.17**	**0.00**	**0.17**	**0.00**	**0.00**	**0.01**		**148.43**		**0.02**		**148.75**

3.7 Architectural Coating - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	272.41					0.00	0.00		0.00	0.00						0.00
Off-Road	0.75	4.28	2.08	0.03		0.38	0.38		0.38	0.38	0.00	281.19		0.07		282.61
Total	**273.16**	**4.28**	**2.08**	**0.03**		**0.38**	**0.38**		**0.38**	**0.38**	**0.00**	**281.19**		**0.07**		**282.61**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.16	0.16	1.77	0.00	0.17	0.00	0.17	0.00	0.00	0.01		148.43		0.02		148.75
Total	**0.16**	**0.16**	**1.77**	**0.00**	**0.17**	**0.00**	**0.17**	**0.00**	**0.00**	**0.01**		**148.43**		**0.02**		**148.75**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	21.02	45.54	211.42	0.35	17.42	1.43	18.85	0.25	1.32	1.56		17,874.55		1.56		17,907.35
Unmitigated	21.02	45.54	211.42	0.35	17.42	1.43	18.85	0.25	1.32	1.56		17,874.55		1.56		17,907.35
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	2,202.00	474.00	196.00	3,987,473	3,987,473
Total	2,202.00	474.00	196.00	3,987,473	3,987,473

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
NaturalGas Unmitigated	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Office Building	5989.04	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Total		**0.06**	**0.59**	**0.49**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**		**704.59**		**0.01**	**0.01**	**708.88**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Office Building	5.98904	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Total		**0.06**	**0.59**	**0.49**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**		**704.59**		**0.01**	**0.01**	**708.88**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.23	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	5.23	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.27					0.00	0.00		0.00	0.00						0.00
Consumer Products	3.96					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**5.23**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.27					0.00	0.00		0.00	0.00						0.00
Consumer Products	3.96					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**5.23**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

West Adams Community Plan Update

South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
General Office Building	200	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	
Climate Zone	11	**Precipitation Freq (Days)**	31		

1.3 User Entered Comments

Project Characteristics -

Land Use - .

Construction Phase - .

Construction Off-road Equipment Mitigation - Rule 403

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	289.60	23.26	30.30	0.08	18.30	0.81	19.11	9.93	0.81	10.74	0.00	8,146.61	0.00	0.40	0.00	8,154.98
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	289.60	23.26	30.30	0.08	18.30	0.81	19.11	9.93	0.81	10.74	0.00	8,146.61	0.00	0.40	0.00	8,154.98
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	5.23	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Mobile	5.33	12.33	42.81	0.17	17.42	0.75	18.18	0.25	0.73	0.98		13,103.21		0.40		13,111.59
Total	**10.62**	**12.92**	**43.30**	**0.17**	**17.42**	**0.75**	**18.22**	**0.25**	**0.73**	**1.02**		**13,807.80**		**0.41**	**0.01**	**13,820.47**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	5.23	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Mobile	5.33	12.33	42.81	0.17	17.42	0.75	18.18	0.25	0.73	0.98		13,103.21		0.40		13,111.59
Total	**10.62**	**12.92**	**43.30**	**0.17**	**17.42**	**0.75**	**18.22**	**0.25**	**0.73**	**1.02**		**13,807.80**		**0.41**	**0.01**	**13,820.47**

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Demolition - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.63	16.56	29.96	0.07		0.62	0.62		0.62	0.62		7,510.81		0.33		7,517.65
Total	**3.63**	**16.56**	**29.96**	**0.07**		**0.62**	**0.62**		**0.62**	**0.62**		**7,510.81**		**0.33**		**7,517.65**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.02	0.34	0.00	0.20	0.01	0.20	0.00	0.01	0.01		124.11		0.00		124.19
Total	**0.04**	**0.02**	**0.34**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**124.11**		**0.00**		**124.19**

3.2 Demolition - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.63	16.56	29.96	0.07		0.62	0.62		0.62	0.62	0.00	7,510.81		0.33		7,517.65
Total	**3.63**	**16.56**	**29.96**	**0.07**		**0.62**	**0.62**		**0.62**	**0.62**	**0.00**	**7,510.81**		**0.33**		**7,517.65**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.02	0.34	0.00	0.20	0.01	0.20	0.00	0.01	0.01		124.11		0.00		124.19
Total	**0.04**	**0.02**	**0.34**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**124.11**		**0.00**		**124.19**

3.3 Site Preparation - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	4.39	23.23	26.42	0.07		0.80	0.80		0.80	0.80		7,997.69		0.39		8,005.95
Total	**4.39**	**23.23**	**26.42**	**0.07**	**18.07**	**0.80**	**18.87**	**9.93**	**0.80**	**10.73**		**7,997.69**		**0.39**		**8,005.95**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.03	0.41	0.00	0.23	0.01	0.24	0.00	0.01	0.01		148.93		0.00		149.03
Total	**0.04**	**0.03**	**0.41**	**0.00**	**0.23**	**0.01**	**0.24**	**0.00**	**0.01**	**0.01**		**148.93**		**0.00**		**149.03**

3.3 Site Preparation - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	4.39	23.23	26.42	0.07		0.80	0.80		0.80	0.80	0.00	7,997.69		0.39		8,005.95
Total	**4.39**	**23.23**	**26.42**	**0.07**	**18.07**	**0.80**	**18.87**	**9.93**	**0.80**	**10.73**	**0.00**	**7,997.69**		**0.39**		**8,005.95**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.03	0.41	0.00	0.23	0.01	0.24	0.00	0.01	0.01		148.93		0.00		149.03
Total	**0.04**	**0.03**	**0.41**	**0.00**	**0.23**	**0.01**	**0.24**	**0.00**	**0.01**	**0.01**		**148.93**		**0.00**		**149.03**

3.4 Grading - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.49	0.00	6.49	3.31	0.00	3.31						0.00
Off-Road	2.54	11.96	24.39	0.05		0.41	0.41		0.41	0.41		5,240.07		0.23		5,244.83
Total	**2.54**	**11.96**	**24.39**	**0.05**	**6.49**	**0.41**	**6.90**	**3.31**	**0.41**	**3.72**		**5,240.07**		**0.23**		**5,244.83**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.02	0.34	0.00	0.20	0.01	0.20	0.00	0.01	0.01		124.11		0.00		124.19
Total	**0.04**	**0.02**	**0.34**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**124.11**		**0.00**		**124.19**

3.4 Grading - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.49	0.00	6.49	3.31	0.00	3.31						0.00
Off-Road	2.54	11.96	24.39	0.05		0.41	0.41		0.41	0.41	0.00	5,240.07		0.23		5,244.83
Total	**2.54**	**11.96**	**24.39**	**0.05**	**6.49**	**0.41**	**6.90**	**3.31**	**0.41**	**3.72**	**0.00**	**5,240.07**		**0.23**		**5,244.83**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.02	0.34	0.00	0.20	0.01	0.20	0.00	0.01	0.01		124.11		0.00		124.19
Total	**0.04**	**0.02**	**0.34**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**124.11**		**0.00**		**124.19**

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18		4,040.61		0.15		4,043.72
Total	**1.66**	**8.05**	**21.82**	**0.04**		**0.18**	**0.18**		**0.18**	**0.18**		**4,040.61**		**0.15**		**4,043.72**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.19	2.36	1.34	0.01	0.30	0.06	0.36	0.01	0.06	0.06		917.26		0.01		917.45
Worker	0.15	0.10	1.46	0.01	0.84	0.03	0.87	0.01	0.03	0.04		529.51		0.02		529.87
Total	**0.34**	**2.46**	**2.80**	**0.02**	**1.14**	**0.09**	**1.23**	**0.02**	**0.09**	**0.10**		**1,446.77**		**0.03**		**1,447.32**

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18	0.00	4,040.61		0.15		4,043.72
Total	**1.66**	**8.05**	**21.82**	**0.04**		**0.18**	**0.18**		**0.18**	**0.18**	**0.00**	**4,040.61**		**0.15**		**4,043.72**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.19	2.36	1.34	0.01	0.30	0.06	0.36	0.01	0.06	0.06		917.26		0.01		917.45
Worker	0.15	0.10	1.46	0.01	0.84	0.03	0.87	0.01	0.03	0.04		529.51		0.02		529.87
Total	**0.34**	**2.46**	**2.80**	**0.02**	**1.14**	**0.09**	**1.23**	**0.02**	**0.09**	**0.10**		**1,446.77**		**0.03**		**1,447.32**

3.6 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.50	9.31	15.71	0.03		0.37	0.37		0.37	0.37		2,400.73		0.13		2,403.55
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**1.50**	**9.31**	**15.71**	**0.03**		**0.37**	**0.37**		**0.37**	**0.37**		**2,400.73**		**0.13**		**2,403.55**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.05	0.03	0.46	0.00	0.26	0.01	0.27	0.00	0.01	0.01		165.47		0.01		165.58
Total	**0.05**	**0.03**	**0.46**	**0.00**	**0.26**	**0.01**	**0.27**	**0.00**	**0.01**	**0.01**		**165.47**		**0.01**		**165.58**

3.6 Paving - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.50	9.31	15.71	0.03		0.37	0.37		0.37	0.37	0.00	2,400.73		0.13		2,403.55
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**1.50**	**9.31**	**15.71**	**0.03**		**0.37**	**0.37**		**0.37**	**0.37**	**0.00**	**2,400.73**		**0.13**		**2,403.55**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.05	0.03	0.46	0.00	0.26	0.01	0.27	0.00	0.01	0.01		165.47		0.01		165.58
Total	**0.05**	**0.03**	**0.46**	**0.00**	**0.26**	**0.01**	**0.27**	**0.00**	**0.01**	**0.01**		**165.47**		**0.01**		**165.58**

3.7 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	289.44					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02		281.19		0.01		281.43
Total	**289.57**	**0.86**	**1.80**	**0.00**		**0.02**	**0.02**		**0.02**	**0.02**		**281.19**		**0.01**		**281.43**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.02	0.30	0.00	0.17	0.01	0.18	0.00	0.01	0.01		107.56		0.00		107.63
Total	**0.03**	**0.02**	**0.30**	**0.00**	**0.17**	**0.01**	**0.18**	**0.00**	**0.01**	**0.01**		**107.56**		**0.00**		**107.63**

3.7 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	289.44					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02	0.00	281.19		0.01		281.43
Total	**289.57**	**0.86**	**1.80**	**0.00**		**0.02**	**0.02**		**0.02**	**0.02**	**0.00**	**281.19**		**0.01**		**281.43**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.02	0.30	0.00	0.17	0.01	0.18	0.00	0.01	0.01		107.56		0.00		107.63
Total	**0.03**	**0.02**	**0.30**	**0.00**	**0.17**	**0.01**	**0.18**	**0.00**	**0.01**	**0.01**		**107.56**		**0.00**		**107.63**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.33	12.33	42.81	0.17	17.42	0.75	18.18	0.25	0.73	0.98		13,103.21		0.40		13,111.59
Unmitigated	5.33	12.33	42.81	0.17	17.42	0.75	18.18	0.25	0.73	0.98		13,103.21		0.40		13,111.59
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	2,202.00	474.00	196.00	3,987,473	3,987,473
Total	2,202.00	474.00	196.00	3,987,473	3,987,473

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
NaturalGas Unmitigated	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Office Building	5989.04	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Total		**0.06**	**0.59**	**0.49**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**		**704.59**		**0.01**	**0.01**	**708.88**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Office Building	5.98904	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Total		**0.06**	**0.59**	**0.49**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**		**704.59**		**0.01**	**0.01**	**708.88**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.23	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	5.23	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.27					0.00	0.00		0.00	0.00						0.00
Consumer Products	3.96					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**5.23**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.27					0.00	0.00		0.00	0.00						0.00
Consumer Products	3.96					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**5.23**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

West Adams Community Plan Update

South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
General Office Building	200	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	
Climate Zone	11	**Precipitation Freq (Days)**	31		

1.3 User Entered Comments

Project Characteristics -

Land Use - .

Construction Phase - .

Construction Off-road Equipment Mitigation - Rule 403

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	289.60	23.27	30.27	0.08	18.30	0.81	19.11	9.93	0.81	10.74	0.00	8,133.60	0.00	0.40	0.00	8,141.96
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	289.60	23.27	30.27	0.08	18.30	0.81	19.11	9.93	0.81	10.74	0.00	8,133.60	0.00	0.40	0.00	8,141.96
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	5.23	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Mobile	5.54	12.59	42.19	0.15	17.42	0.75	18.18	0.25	0.73	0.98		12,225.98		0.36		12,233.48
Total	**10.83**	**13.18**	**42.68**	**0.15**	**17.42**	**0.75**	**18.22**	**0.25**	**0.73**	**1.02**		**12,930.57**		**0.37**	**0.01**	**12,942.36**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	5.23	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Mobile	5.54	12.59	42.19	0.15	17.42	0.75	18.18	0.25	0.73	0.98		12,225.98		0.36		12,233.48
Total	**10.83**	**13.18**	**42.68**	**0.15**	**17.42**	**0.75**	**18.22**	**0.25**	**0.73**	**1.02**		**12,930.57**		**0.37**	**0.01**	**12,942.36**

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Demolition - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.63	16.56	29.96	0.07		0.62	0.62		0.62	0.62		7,510.81		0.33		7,517.65
Total	**3.63**	**16.56**	**29.96**	**0.07**		**0.62**	**0.62**		**0.62**	**0.62**		**7,510.81**		**0.33**		**7,517.65**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.03	0.31	0.00	0.20	0.01	0.20	0.00	0.01	0.01		113.26		0.00		113.34
Total	**0.04**	**0.03**	**0.31**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**113.26**		**0.00**		**113.34**

3.2 Demolition - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.63	16.56	29.96	0.07		0.62	0.62		0.62	0.62	0.00	7,510.81		0.33		7,517.65
Total	**3.63**	**16.56**	**29.96**	**0.07**		**0.62**	**0.62**		**0.62**	**0.62**	**0.00**	**7,510.81**		**0.33**		**7,517.65**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.03	0.31	0.00	0.20	0.01	0.20	0.00	0.01	0.01		113.26		0.00		113.34
Total	**0.04**	**0.03**	**0.31**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**113.26**		**0.00**		**113.34**

3.3 Site Preparation - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	4.39	23.23	26.42	0.07		0.80	0.80		0.80	0.80		7,997.69		0.39		8,005.95
Total	**4.39**	**23.23**	**26.42**	**0.07**	**18.07**	**0.80**	**18.87**	**9.93**	**0.80**	**10.73**		**7,997.69**		**0.39**		**8,005.95**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.05	0.03	0.37	0.00	0.23	0.01	0.24	0.00	0.01	0.01		135.92		0.00		136.01
Total	**0.05**	**0.03**	**0.37**	**0.00**	**0.23**	**0.01**	**0.24**	**0.00**	**0.01**	**0.01**		**135.92**		**0.00**		**136.01**

3.3 Site Preparation - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	4.39	23.23	26.42	0.07		0.80	0.80		0.80	0.80	0.00	7,997.69		0.39		8,005.95
Total	**4.39**	**23.23**	**26.42**	**0.07**	**18.07**	**0.80**	**18.87**	**9.93**	**0.80**	**10.73**	**0.00**	**7,997.69**		**0.39**		**8,005.95**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.05	0.03	0.37	0.00	0.23	0.01	0.24	0.00	0.01	0.01		135.92		0.00		136.01
Total	**0.05**	**0.03**	**0.37**	**0.00**	**0.23**	**0.01**	**0.24**	**0.00**	**0.01**	**0.01**		**135.92**		**0.00**		**136.01**

3.4 Grading - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.49	0.00	6.49	3.31	0.00	3.31						0.00
Off-Road	2.54	11.96	24.39	0.05		0.41	0.41		0.41	0.41		5,240.07		0.23		5,244.83
Total	**2.54**	**11.96**	**24.39**	**0.05**	**6.49**	**0.41**	**6.90**	**3.31**	**0.41**	**3.72**		**5,240.07**		**0.23**		**5,244.83**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.03	0.31	0.00	0.20	0.01	0.20	0.00	0.01	0.01		113.26		0.00		113.34
Total	**0.04**	**0.03**	**0.31**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**113.26**		**0.00**		**113.34**

3.4 Grading - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.49	0.00	6.49	3.31	0.00	3.31						0.00
Off-Road	2.54	11.96	24.39	0.05		0.41	0.41		0.41	0.41	0.00	5,240.07		0.23		5,244.83
Total	**2.54**	**11.96**	**24.39**	**0.05**	**6.49**	**0.41**	**6.90**	**3.31**	**0.41**	**3.72**	**0.00**	**5,240.07**		**0.23**		**5,244.83**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.03	0.31	0.00	0.20	0.01	0.20	0.00	0.01	0.01		113.26		0.00		113.34
Total	**0.04**	**0.03**	**0.31**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**113.26**		**0.00**		**113.34**

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18		4,040.61		0.15		4,043.72
Total	**1.66**	**8.05**	**21.82**	**0.04**		**0.18**	**0.18**		**0.18**	**0.18**		**4,040.61**		**0.15**		**4,043.72**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.21	2.33	1.68	0.01	0.30	0.06	0.36	0.01	0.06	0.06		908.34		0.01		908.54
Worker	0.17	0.11	1.32	0.01	0.84	0.03	0.87	0.01	0.03	0.04		483.26		0.02		483.58
Total	**0.38**	**2.44**	**3.00**	**0.02**	**1.14**	**0.09**	**1.23**	**0.02**	**0.09**	**0.10**		**1,391.60**		**0.03**		**1,392.12**

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18	0.00	4,040.61		0.15		4,043.72
Total	**1.66**	**8.05**	**21.82**	**0.04**		**0.18**	**0.18**		**0.18**	**0.18**	**0.00**	**4,040.61**		**0.15**		**4,043.72**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.21	2.33	1.68	0.01	0.30	0.06	0.36	0.01	0.06	0.06		908.34		0.01		908.54
Worker	0.17	0.11	1.32	0.01	0.84	0.03	0.87	0.01	0.03	0.04		483.26		0.02		483.58
Total	**0.38**	**2.44**	**3.00**	**0.02**	**1.14**	**0.09**	**1.23**	**0.02**	**0.09**	**0.10**		**1,391.60**		**0.03**		**1,392.12**

3.6 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.50	9.31	15.71	0.03		0.37	0.37		0.37	0.37		2,400.73		0.13		2,403.55
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**1.50**	**9.31**	**15.71**	**0.03**		**0.37**	**0.37**		**0.37**	**0.37**		**2,400.73**		**0.13**		**2,403.55**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.05	0.04	0.41	0.00	0.26	0.01	0.27	0.00	0.01	0.01		151.02		0.00		151.12
Total	**0.05**	**0.04**	**0.41**	**0.00**	**0.26**	**0.01**	**0.27**	**0.00**	**0.01**	**0.01**		**151.02**		**0.00**		**151.12**

3.6 Paving - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.50	9.31	15.71	0.03		0.37	0.37		0.37	0.37	0.00	2,400.73		0.13		2,403.55
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**1.50**	**9.31**	**15.71**	**0.03**		**0.37**	**0.37**		**0.37**	**0.37**	**0.00**	**2,400.73**		**0.13**		**2,403.55**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.05	0.04	0.41	0.00	0.26	0.01	0.27	0.00	0.01	0.01		151.02		0.00		151.12
Total	**0.05**	**0.04**	**0.41**	**0.00**	**0.26**	**0.01**	**0.27**	**0.00**	**0.01**	**0.01**		**151.02**		**0.00**		**151.12**

3.7 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	289.44					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02		281.19		0.01		281.43
Total	**289.57**	**0.86**	**1.80**	**0.00**		**0.02**	**0.02**		**0.02**	**0.02**		**281.19**		**0.01**		**281.43**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.02	0.27	0.00	0.17	0.01	0.18	0.00	0.01	0.01		98.16		0.00		98.23
Total	**0.03**	**0.02**	**0.27**	**0.00**	**0.17**	**0.01**	**0.18**	**0.00**	**0.01**	**0.01**		**98.16**		**0.00**		**98.23**

3.7 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	289.44					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02	0.00	281.19		0.01		281.43
Total	**289.57**	**0.86**	**1.80**	**0.00**		**0.02**	**0.02**		**0.02**	**0.02**	**0.00**	**281.19**		**0.01**		**281.43**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.02	0.27	0.00	0.17	0.01	0.18	0.00	0.01	0.01		98.16		0.00		98.23
Total	**0.03**	**0.02**	**0.27**	**0.00**	**0.17**	**0.01**	**0.18**	**0.00**	**0.01**	**0.01**		**98.16**		**0.00**		**98.23**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.54	12.59	42.19	0.15	17.42	0.75	18.18	0.25	0.73	0.98		12,225.98		0.36		12,233.48
Unmitigated	5.54	12.59	42.19	0.15	17.42	0.75	18.18	0.25	0.73	0.98		12,225.98		0.36		12,233.48
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	2,202.00	474.00	196.00	3,987,473	3,987,473
Total	2,202.00	474.00	196.00	3,987,473	3,987,473

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
NaturalGas Unmitigated	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Office Building	5989.04	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Total		**0.06**	**0.59**	**0.49**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**		**704.59**		**0.01**	**0.01**	**708.88**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Office Building	5.98904	0.06	0.59	0.49	0.00		0.00	0.04		0.00	0.04		704.59		0.01	0.01	708.88
Total		**0.06**	**0.59**	**0.49**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**		**704.59**		**0.01**	**0.01**	**708.88**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.23	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	5.23	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.27					0.00	0.00		0.00	0.00						0.00
Consumer Products	3.96					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**5.23**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.27					0.00	0.00		0.00	0.00						0.00
Consumer Products	3.96					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**5.23**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

West Adams Community Plan Update

South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Government Office Building	100	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	
Climate Zone	11	**Precipitation Freq (Days)**	31		

1.3 User Entered Comments

Project Characteristics -

Land Use - .

Construction Phase - .

Construction Off-road Equipment Mitigation - Rule 403

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2005	258.11	59.00	34.31	0.38	6.68	3.91	9.94	3.31	3.91	6.57	0.00	4,082.98	0.00	0.83	0.00	4,100.51
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2005	258.11	59.00	34.31	0.38	2.69	3.91	5.94	1.29	3.91	4.55	0.00	4,082.98	0.00	0.83	0.00	4,100.51
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Mobile	56.30	117.07	513.96	0.76	39.13	3.35	42.47	0.55	3.08	3.63		37,899.33		3.87		37,980.60
Total	**58.94**	**117.36**	**514.21**	**0.76**	**39.13**	**3.35**	**42.49**	**0.55**	**3.08**	**3.65**		**38,251.63**		**3.88**	**0.01**	**38,335.04**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Mobile	56.30	117.07	513.96	0.76	39.13	3.35	42.47	0.55	3.08	3.63		37,899.33		3.87		37,980.60
Total	**58.94**	**117.36**	**514.21**	**0.76**	**39.13**	**3.35**	**42.49**	**0.55**	**3.08**	**3.65**		**38,251.63**		**3.88**	**0.01**	**38,335.04**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.24	58.82	32.62	0.38		3.91	3.91		3.91	3.91		3,946.47		0.74		3,962.02
Total	**8.24**	**58.82**	**32.62**	**0.38**		**3.91**	**3.91**		**3.91**	**3.91**		**3,946.47**		**0.74**		**3,962.02**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.17	0.18	1.68	0.00	0.17	0.00	0.17	0.00	0.00	0.01		136.51		0.02		136.83
Total	**0.17**	**0.18**	**1.68**	**0.00**	**0.17**	**0.00**	**0.17**	**0.00**	**0.00**	**0.01**		**136.51**		**0.02**		**136.83**

3.2 Demolition - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.24	58.82	32.62	0.38		3.91	3.91		3.91	3.91	0.00	3,946.47		0.74		3,962.02
Total	**8.24**	**58.82**	**32.62**	**0.38**		**3.91**	**3.91**		**3.91**	**3.91**	**0.00**	**3,946.47**		**0.74**		**3,962.02**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.17	0.18	1.68	0.00	0.17	0.00	0.17	0.00	0.00	0.01		136.51		0.02		136.83
Total	**0.17**	**0.18**	**1.68**	**0.00**	**0.17**	**0.00**	**0.17**	**0.00**	**0.00**	**0.01**		**136.51**		**0.02**		**136.83**

3.3 Site Preparation - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.59	0.00	1.59	0.00	0.00	0.00						0.00
Off-Road	6.48	55.11	27.20	0.36		2.82	2.82		2.82	2.82		3,917.77		0.58		3,929.97
Total	**6.48**	**55.11**	**27.20**	**0.36**	**1.59**	**2.82**	**4.41**	**0.00**	**2.82**	**2.82**		**3,917.77**		**0.58**		**3,929.97**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.11	1.04	0.00	0.10	0.00	0.11	0.00	0.00	0.00		84.01		0.01		84.20
Total	**0.10**	**0.11**	**1.04**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**84.01**		**0.01**		**84.20**

3.3 Site Preparation - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.62	0.00	0.62	0.00	0.00	0.00						0.00
Off-Road	6.48	55.11	27.20	0.36		2.82	2.82		2.82	2.82	0.00	3,917.77		0.58		3,929.97
Total	**6.48**	**55.11**	**27.20**	**0.36**	**0.62**	**2.82**	**3.44**	**0.00**	**2.82**	**2.82**	**0.00**	**3,917.77**		**0.58**		**3,929.97**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.11	1.04	0.00	0.10	0.00	0.11	0.00	0.00	0.00		84.01		0.01		84.20
Total	**0.10**	**0.11**	**1.04**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**84.01**		**0.01**		**84.20**

3.4 Grading - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.55	0.00	6.55	3.31	0.00	3.31						0.00
Off-Road	7.24	56.85	30.70	0.36		3.25	3.25		3.25	3.25		3,827.58		0.65		3,841.23
Total	**7.24**	**56.85**	**30.70**	**0.36**	**6.55**	**3.25**	**9.80**	**3.31**	**3.25**	**6.56**		**3,827.58**		**0.65**		**3,841.23**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.13	0.14	1.30	0.00	0.13	0.00	0.13	0.00	0.00	0.01		105.01		0.01		105.25
Total	**0.13**	**0.14**	**1.30**	**0.00**	**0.13**	**0.00**	**0.13**	**0.00**	**0.00**	**0.01**		**105.01**		**0.01**		**105.25**

3.4 Grading - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.56	0.00	2.56	1.29	0.00	1.29						0.00
Off-Road	7.24	56.85	30.70	0.36		3.25	3.25		3.25	3.25	0.00	3,827.58		0.65		3,841.23
Total	**7.24**	**56.85**	**30.70**	**0.36**	**2.56**	**3.25**	**5.81**	**1.29**	**3.25**	**4.54**	**0.00**	**3,827.58**		**0.65**		**3,841.23**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.13	0.14	1.30	0.00	0.13	0.00	0.13	0.00	0.00	0.01		105.01		0.01		105.25
Total	**0.13**	**0.14**	**1.30**	**0.00**	**0.13**	**0.00**	**0.13**	**0.00**	**0.00**	**0.01**		**105.01**		**0.01**		**105.25**

3.5 Building Construction - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.62	44.04	22.78	0.34		3.14	3.14		3.14	3.14		3,233.11		0.78		3,249.39
Total	**8.62**	**44.04**	**22.78**	**0.34**		**3.14**	**3.14**		**3.14**	**3.14**		**3,233.11**		**0.78**		**3,249.39**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.44	4.72	3.25	0.03	0.15	0.17	0.32	0.00	0.16	0.16		423.37		0.02		423.84
Worker	0.41	0.46	4.15	0.00	0.42	0.01	0.43	0.01	0.01	0.02		336.03		0.04		336.81
Total	**0.85**	**5.18**	**7.40**	**0.03**	**0.57**	**0.18**	**0.75**	**0.01**	**0.17**	**0.18**		**759.40**		**0.06**		**760.65**

3.5 Building Construction - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.62	44.04	22.78	0.34		3.14	3.14		3.14	3.14	0.00	3,233.11		0.78		3,249.39
Total	**8.62**	**44.04**	**22.78**	**0.34**		**3.14**	**3.14**		**3.14**	**3.14**	**0.00**	**3,233.11**		**0.78**		**3,249.39**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.44	4.72	3.25	0.03	0.15	0.17	0.32	0.00	0.16	0.16		423.37		0.02		423.84
Worker	0.41	0.46	4.15	0.00	0.42	0.01	0.43	0.01	0.01	0.02		336.03		0.04		336.81
Total	**0.85**	**5.18**	**7.40**	**0.03**	**0.57**	**0.18**	**0.75**	**0.01**	**0.17**	**0.18**		**759.40**		**0.06**		**760.65**

3.6 Paving - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	6.77	38.46	18.46	0.25		3.44	3.44		3.44	3.44		2,393.42		0.61		2,406.23
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**6.77**	**38.46**	**18.46**	**0.25**		**3.44**	**3.44**		**3.44**	**3.44**		**2,393.42**		**0.61**		**2,406.23**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.21	1.94	0.00	0.20	0.01	0.20	0.00	0.01	0.01		157.51		0.02		157.88
Total	**0.19**	**0.21**	**1.94**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**157.51**		**0.02**		**157.88**

3.6 Paving - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	6.77	38.46	18.46	0.25		3.44	3.44		3.44	3.44	0.00	2,393.42		0.61		2,406.23
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**6.77**	**38.46**	**18.46**	**0.25**		**3.44**	**3.44**		**3.44**	**3.44**	**0.00**	**2,393.42**		**0.61**		**2,406.23**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.21	1.94	0.00	0.20	0.01	0.20	0.00	0.01	0.01		157.51		0.02		157.88
Total	**0.19**	**0.21**	**1.94**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**157.51**		**0.02**		**157.88**

3.7 Architectural Coating - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	257.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.75	4.28	2.08	0.03		0.38	0.38		0.38	0.38		281.19		0.07		282.61
Total	**258.03**	**4.28**	**2.08**	**0.03**		**0.38**	**0.38**		**0.38**	**0.38**		**281.19**		**0.07**		**282.61**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.09	0.78	0.00	0.08	0.00	0.08	0.00	0.00	0.00		63.00		0.01		63.15
Total	**0.08**	**0.09**	**0.78**	**0.00**	**0.08**	**0.00**	**0.08**	**0.00**	**0.00**	**0.00**		**63.00**		**0.01**		**63.15**

3.7 Architectural Coating - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	257.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.75	4.28	2.08	0.03		0.38	0.38		0.38	0.38	0.00	281.19		0.07		282.61
Total	**258.03**	**4.28**	**2.08**	**0.03**		**0.38**	**0.38**		**0.38**	**0.38**	**0.00**	**281.19**		**0.07**		**282.61**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.09	0.78	0.00	0.08	0.00	0.08	0.00	0.00	0.00		63.00		0.01		63.15
Total	**0.08**	**0.09**	**0.78**	**0.00**	**0.08**	**0.00**	**0.08**	**0.00**	**0.00**	**0.00**		**63.00**		**0.01**		**63.15**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	56.30	117.07	513.96	0.76	39.13	3.35	42.47	0.55	3.08	3.63		37,899.33		3.87		37,980.60
Unmitigated	56.30	117.07	513.96	0.76	39.13	3.35	42.47	0.55	3.08	3.63		37,899.33		3.87		37,980.60
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Government Office Building	6,893.00	0.00	0.00	8,443,336	8,443,336
Total	6,893.00	0.00	0.00	8,443,336	8,443,336

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
NaturalGas Unmitigated	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Government Office Building	2994.52	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Total		**0.03**	**0.29**	**0.25**	**0.00**		**0.00**	**0.02**		**0.00**	**0.02**		**352.30**		**0.01**	**0.01**	**354.44**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Government Office Building	2.99452	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Total		**0.03**	**0.29**	**0.25**	**0.00**		**0.00**	**0.02**		**0.00**	**0.02**		**352.30**		**0.01**	**0.01**	**354.44**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.63					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.98					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**2.61**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.63					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.98					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**2.61**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

West Adams Community Plan Update

South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Government Office Building	100	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	
Climate Zone	11	**Precipitation Freq (Days)**	31		

1.3 User Entered Comments

Project Characteristics -

Land Use - .

Construction Phase - .

Construction Off-road Equipment Mitigation - Rule 403

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2005	258.10	58.98	34.39	0.38	6.68	3.91	9.94	3.31	3.91	6.57	0.00	4,094.90	0.00	0.83	0.00	4,112.43
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2005	258.10	58.98	34.39	0.38	2.69	3.91	5.94	1.29	3.91	4.55	0.00	4,094.90	0.00	0.83	0.00	4,112.43
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Mobile	53.61	107.01	509.14	0.79	39.13	3.28	42.41	0.55	3.02	3.57		40,627.07		3.67		40,704.23
Total	**56.25**	**107.30**	**509.39**	**0.79**	**39.13**	**3.28**	**42.43**	**0.55**	**3.02**	**3.59**		**40,979.37**		**3.68**	**0.01**	**41,058.67**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Mobile	53.61	107.01	509.14	0.79	39.13	3.28	42.41	0.55	3.02	3.57		40,627.07		3.67		40,704.23
Total	**56.25**	**107.30**	**509.39**	**0.79**	**39.13**	**3.28**	**42.43**	**0.55**	**3.02**	**3.59**		**40,979.37**		**3.68**	**0.01**	**41,058.67**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.24	58.82	32.62	0.38		3.91	3.91		3.91	3.91		3,946.47		0.74		3,962.02
Total	**8.24**	**58.82**	**32.62**	**0.38**		**3.91**	**3.91**		**3.91**	**3.91**		**3,946.47**		**0.74**		**3,962.02**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.16	0.16	1.77	0.00	0.17	0.00	0.17	0.00	0.00	0.01		148.43		0.02		148.75
Total	**0.16**	**0.16**	**1.77**	**0.00**	**0.17**	**0.00**	**0.17**	**0.00**	**0.00**	**0.01**		**148.43**		**0.02**		**148.75**

3.2 Demolition - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.24	58.82	32.62	0.38		3.91	3.91		3.91	3.91	0.00	3,946.47		0.74		3,962.02
Total	**8.24**	**58.82**	**32.62**	**0.38**		**3.91**	**3.91**		**3.91**	**3.91**	**0.00**	**3,946.47**		**0.74**		**3,962.02**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.16	0.16	1.77	0.00	0.17	0.00	0.17	0.00	0.00	0.01		148.43		0.02		148.75
Total	**0.16**	**0.16**	**1.77**	**0.00**	**0.17**	**0.00**	**0.17**	**0.00**	**0.00**	**0.01**		**148.43**		**0.02**		**148.75**

3.3 Site Preparation - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.59	0.00	1.59	0.00	0.00	0.00						0.00
Off-Road	6.48	55.11	27.20	0.36		2.82	2.82		2.82	2.82		3,917.77		0.58		3,929.97
Total	**6.48**	**55.11**	**27.20**	**0.36**	**1.59**	**2.82**	**4.41**	**0.00**	**2.82**	**2.82**		**3,917.77**		**0.58**		**3,929.97**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.10	1.09	0.00	0.10	0.00	0.11	0.00	0.00	0.00		91.34		0.01		91.54
Total	**0.10**	**0.10**	**1.09**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**91.34**		**0.01**		**91.54**

3.3 Site Preparation - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.62	0.00	0.62	0.00	0.00	0.00						0.00
Off-Road	6.48	55.11	27.20	0.36		2.82	2.82		2.82	2.82	0.00	3,917.77		0.58		3,929.97
Total	**6.48**	**55.11**	**27.20**	**0.36**	**0.62**	**2.82**	**3.44**	**0.00**	**2.82**	**2.82**	**0.00**	**3,917.77**		**0.58**		**3,929.97**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.10	1.09	0.00	0.10	0.00	0.11	0.00	0.00	0.00		91.34		0.01		91.54
Total	**0.10**	**0.10**	**1.09**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**91.34**		**0.01**		**91.54**

3.4 Grading - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.55	0.00	6.55	3.31	0.00	3.31						0.00
Off-Road	7.24	56.85	30.70	0.36		3.25	3.25		3.25	3.25		3,827.58		0.65		3,841.23
Total	**7.24**	**56.85**	**30.70**	**0.36**	**6.55**	**3.25**	**9.80**	**3.31**	**3.25**	**6.56**		**3,827.58**		**0.65**		**3,841.23**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.12	0.12	1.36	0.00	0.13	0.00	0.13	0.00	0.00	0.01		114.18		0.01		114.43
Total	**0.12**	**0.12**	**1.36**	**0.00**	**0.13**	**0.00**	**0.13**	**0.00**	**0.00**	**0.01**		**114.18**		**0.01**		**114.43**

3.4 Grading - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.56	0.00	2.56	1.29	0.00	1.29						0.00
Off-Road	7.24	56.85	30.70	0.36		3.25	3.25		3.25	3.25	0.00	3,827.58		0.65		3,841.23
Total	**7.24**	**56.85**	**30.70**	**0.36**	**2.56**	**3.25**	**5.81**	**1.29**	**3.25**	**4.54**	**0.00**	**3,827.58**		**0.65**		**3,841.23**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.12	0.12	1.36	0.00	0.13	0.00	0.13	0.00	0.00	0.01		114.18		0.01		114.43
Total	**0.12**	**0.12**	**1.36**	**0.00**	**0.13**	**0.00**	**0.13**	**0.00**	**0.00**	**0.01**		**114.18**		**0.01**		**114.43**

3.5 Building Construction - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.62	44.04	22.78	0.34		3.14	3.14		3.14	3.14		3,233.11		0.78		3,249.39
Total	**8.62**	**44.04**	**22.78**	**0.34**		**3.14**	**3.14**		**3.14**	**3.14**		**3,233.11**		**0.78**		**3,249.39**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.42	4.45	3.04	0.03	0.15	0.17	0.32	0.00	0.16	0.16		425.95		0.02		426.40
Worker	0.39	0.39	4.35	0.00	0.42	0.01	0.43	0.01	0.01	0.02		365.36		0.04		366.16
Total	**0.81**	**4.84**	**7.39**	**0.03**	**0.57**	**0.18**	**0.75**	**0.01**	**0.17**	**0.18**		**791.31**		**0.06**		**792.56**

3.5 Building Construction - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.62	44.04	22.78	0.34		3.14	3.14		3.14	3.14	0.00	3,233.11		0.78		3,249.39
Total	**8.62**	**44.04**	**22.78**	**0.34**		**3.14**	**3.14**		**3.14**	**3.14**	**0.00**	**3,233.11**		**0.78**		**3,249.39**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.42	4.45	3.04	0.03	0.15	0.17	0.32	0.00	0.16	0.16		425.95		0.02		426.40
Worker	0.39	0.39	4.35	0.00	0.42	0.01	0.43	0.01	0.01	0.02		365.36		0.04		366.16
Total	**0.81**	**4.84**	**7.39**	**0.03**	**0.57**	**0.18**	**0.75**	**0.01**	**0.17**	**0.18**		**791.31**		**0.06**		**792.56**

3.6 Paving - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	6.77	38.46	18.46	0.25		3.44	3.44		3.44	3.44		2,393.42		0.61		2,406.23
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**6.77**	**38.46**	**18.46**	**0.25**		**3.44**	**3.44**		**3.44**	**3.44**		**2,393.42**		**0.61**		**2,406.23**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.18	0.19	2.04	0.00	0.20	0.01	0.20	0.00	0.01	0.01		171.26		0.02		171.64
Total	**0.18**	**0.19**	**2.04**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**171.26**		**0.02**		**171.64**

3.6 Paving - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	6.77	38.46	18.46	0.25		3.44	3.44		3.44	3.44	0.00	2,393.42		0.61		2,406.23
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**6.77**	**38.46**	**18.46**	**0.25**		**3.44**	**3.44**		**3.44**	**3.44**	**0.00**	**2,393.42**		**0.61**		**2,406.23**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.18	0.19	2.04	0.00	0.20	0.01	0.20	0.00	0.01	0.01		171.26		0.02		171.64
Total	**0.18**	**0.19**	**2.04**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**171.26**		**0.02**		**171.64**

3.7 Architectural Coating - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	257.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.75	4.28	2.08	0.03		0.38	0.38		0.38	0.38		281.19		0.07		282.61
Total	**258.03**	**4.28**	**2.08**	**0.03**		**0.38**	**0.38**		**0.38**	**0.38**		**281.19**		**0.07**		**282.61**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.82	0.00	0.08	0.00	0.08	0.00	0.00	0.00		68.51		0.01		68.66
Total	**0.07**	**0.07**	**0.82**	**0.00**	**0.08**	**0.00**	**0.08**	**0.00**	**0.00**	**0.00**		**68.51**		**0.01**		**68.66**

3.7 Architectural Coating - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	257.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.75	4.28	2.08	0.03		0.38	0.38		0.38	0.38	0.00	281.19		0.07		282.61
Total	**258.03**	**4.28**	**2.08**	**0.03**		**0.38**	**0.38**		**0.38**	**0.38**	**0.00**	**281.19**		**0.07**		**282.61**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.82	0.00	0.08	0.00	0.08	0.00	0.00	0.00		68.51		0.01		68.66
Total	**0.07**	**0.07**	**0.82**	**0.00**	**0.08**	**0.00**	**0.08**	**0.00**	**0.00**	**0.00**		**68.51**		**0.01**		**68.66**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	53.61	107.01	509.14	0.79	39.13	3.28	42.41	0.55	3.02	3.57		40,627.07		3.67		40,704.23
Unmitigated	53.61	107.01	509.14	0.79	39.13	3.28	42.41	0.55	3.02	3.57		40,627.07		3.67		40,704.23
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Government Office Building	6,893.00	0.00	0.00	8,443,336	8,443,336
Total	6,893.00	0.00	0.00	8,443,336	8,443,336

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
NaturalGas Unmitigated	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Government Office Building	2994.52	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Total		**0.03**	**0.29**	**0.25**	**0.00**		**0.00**	**0.02**		**0.00**	**0.02**		**352.30**		**0.01**	**0.01**	**354.44**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Government Office Building	2.99452	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Total		**0.03**	**0.29**	**0.25**	**0.00**		**0.00**	**0.02**		**0.00**	**0.02**		**352.30**		**0.01**	**0.01**	**354.44**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.63					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.98					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**2.61**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.63					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.98					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**2.61**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

West Adams Community Plan Update

South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Government Office Building	100	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	
Climate Zone	11	**Precipitation Freq (Days)**	31		

1.3 User Entered Comments

Project Characteristics -

Land Use - .

Construction Phase - .

Construction Off-road Equipment Mitigation - Rule 403

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	257.42	11.47	18.27	0.04	6.79	0.36	7.14	3.31	0.36	3.66	0.00	4,054.03	0.00	0.18	0.00	4,057.88
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	257.42	11.47	18.27	0.04	2.73	0.36	3.07	1.29	0.36	1.64	0.00	4,054.03	0.00	0.18	0.00	4,057.88
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Mobile	13.82	32.89	103.25	0.38	39.14	1.72	40.87	0.56	1.68	2.23		29,888.90		0.93		29,908.46
Total	**16.46**	**33.18**	**103.50**	**0.38**	**39.14**	**1.72**	**40.89**	**0.56**	**1.68**	**2.25**		**30,241.20**		**0.94**	**0.01**	**30,262.90**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Mobile	13.82	32.89	103.25	0.38	39.14	1.72	40.87	0.56	1.68	2.23		29,888.90		0.93		29,908.46
Total	**16.46**	**33.18**	**103.50**	**0.38**	**39.14**	**1.72**	**40.89**	**0.56**	**1.68**	**2.25**		**30,241.20**		**0.94**	**0.01**	**30,262.90**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.02	11.45	16.92	0.04		0.34	0.34		0.34	0.34		3,946.47		0.18		3,950.25
Total	**2.02**	**11.45**	**16.92**	**0.04**		**0.34**	**0.34**		**0.34**	**0.34**		**3,946.47**		**0.18**		**3,950.25**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.02	0.30	0.00	0.17	0.01	0.18	0.00	0.01	0.01		107.56		0.00		107.63
Total	**0.03**	**0.02**	**0.30**	**0.00**	**0.17**	**0.01**	**0.18**	**0.00**	**0.01**	**0.01**		**107.56**		**0.00**		**107.63**

3.2 Demolition - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.02	11.45	16.92	0.04		0.34	0.34		0.34	0.34	0.00	3,946.47		0.18		3,950.25
Total	**2.02**	**11.45**	**16.92**	**0.04**		**0.34**	**0.34**		**0.34**	**0.34**	**0.00**	**3,946.47**		**0.18**		**3,950.25**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.02	0.30	0.00	0.17	0.01	0.18	0.00	0.01	0.01		107.56		0.00		107.63
Total	**0.03**	**0.02**	**0.30**	**0.00**	**0.17**	**0.01**	**0.18**	**0.00**	**0.01**	**0.01**		**107.56**		**0.00**		**107.63**

3.3 Site Preparation - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.19	0.00	1.19	0.00	0.00	0.00						0.00
Off-Road	1.76	7.23	13.50	0.04		0.27	0.27		0.27	0.27		3,917.77		0.16		3,921.04
Total	**1.76**	**7.23**	**13.50**	**0.04**	**1.19**	**0.27**	**1.46**	**0.00**	**0.27**	**0.27**		**3,917.77**		**0.16**		**3,921.04**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.01	0.18	0.00	0.10	0.00	0.11	0.00	0.00	0.00		66.19		0.00		66.23
Total	**0.02**	**0.01**	**0.18**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**66.19**		**0.00**		**66.23**

3.3 Site Preparation - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.47	0.00	0.47	0.00	0.00	0.00						0.00
Off-Road	1.76	7.23	13.50	0.04		0.27	0.27		0.27	0.27	0.00	3,917.77		0.16		3,921.04
Total	**1.76**	**7.23**	**13.50**	**0.04**	**0.47**	**0.27**	**0.74**	**0.00**	**0.27**	**0.27**	**0.00**	**3,917.77**		**0.16**		**3,921.04**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.01	0.18	0.00	0.10	0.00	0.11	0.00	0.00	0.00		66.19		0.00		66.23
Total	**0.02**	**0.01**	**0.18**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**66.19**		**0.00**		**66.23**

3.4 Grading - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.66	0.00	6.66	3.31	0.00	3.31						0.00
Off-Road	1.96	9.66	15.72	0.04		0.34	0.34		0.34	0.34		3,827.58		0.18		3,831.26
Total	**1.96**	**9.66**	**15.72**	**0.04**	**6.66**	**0.34**	**7.00**	**3.31**	**0.34**	**3.65**		**3,827.58**		**0.18**		**3,831.26**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.23	0.00	0.13	0.00	0.14	0.00	0.00	0.01		82.74		0.00		82.79
Total	**0.02**	**0.02**	**0.23**	**0.00**	**0.13**	**0.00**	**0.14**	**0.00**	**0.00**	**0.01**		**82.74**		**0.00**		**82.79**

3.4 Grading - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.60	0.00	2.60	1.29	0.00	1.29						0.00
Off-Road	1.96	9.66	15.72	0.04		0.34	0.34		0.34	0.34	0.00	3,827.58		0.18		3,831.26
Total	**1.96**	**9.66**	**15.72**	**0.04**	**2.60**	**0.34**	**2.94**	**1.29**	**0.34**	**1.63**	**0.00**	**3,827.58**		**0.18**		**3,831.26**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.23	0.00	0.13	0.00	0.14	0.00	0.00	0.01		82.74		0.00		82.79
Total	**0.02**	**0.02**	**0.23**	**0.00**	**0.13**	**0.00**	**0.14**	**0.00**	**0.00**	**0.01**		**82.74**		**0.00**		**82.79**

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.46	7.99	16.89	0.04		0.16	0.16		0.16	0.16		3,233.11		0.13		3,235.85
Total	**1.46**	**7.99**	**16.89**	**0.04**		**0.16**	**0.16**		**0.16**	**0.16**		**3,233.11**		**0.13**		**3,235.85**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.09	1.14	0.65	0.00	0.15	0.03	0.18	0.00	0.03	0.03		444.73		0.00		444.82
Worker	0.08	0.05	0.73	0.00	0.42	0.02	0.43	0.01	0.01	0.02		264.76		0.01		264.94
Total	**0.17**	**1.19**	**1.38**	**0.00**	**0.57**	**0.05**	**0.61**	**0.01**	**0.04**	**0.05**		**709.49**		**0.01**		**709.76**

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.46	7.99	16.89	0.04		0.16	0.16		0.16	0.16	0.00	3,233.11		0.13		3,235.85
Total	**1.46**	**7.99**	**16.89**	**0.04**		**0.16**	**0.16**		**0.16**	**0.16**	**0.00**	**3,233.11**		**0.13**		**3,235.85**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.09	1.14	0.65	0.00	0.15	0.03	0.18	0.00	0.03	0.03		444.73		0.00		444.82
Worker	0.08	0.05	0.73	0.00	0.42	0.02	0.43	0.01	0.01	0.02		264.76		0.01		264.94
Total	**0.17**	**1.19**	**1.38**	**0.00**	**0.57**	**0.05**	**0.61**	**0.01**	**0.04**	**0.05**		**709.49**		**0.01**		**709.76**

3.6 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.45	9.01	15.62	0.03		0.35	0.35		0.35	0.35		2,393.42		0.13		2,396.13
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**1.45**	**9.01**	**15.62**	**0.03**		**0.35**	**0.35**		**0.35**	**0.35**		**2,393.42**		**0.13**		**2,396.13**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.02	0.34	0.00	0.20	0.01	0.20	0.00	0.01	0.01		124.11		0.00		124.19
Total	**0.04**	**0.02**	**0.34**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**124.11**		**0.00**		**124.19**

3.6 Paving - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.45	9.01	15.62	0.03		0.35	0.35		0.35	0.35	0.00	2,393.42		0.13		2,396.13
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**1.45**	**9.01**	**15.62**	**0.03**		**0.35**	**0.35**		**0.35**	**0.35**	**0.00**	**2,393.42**		**0.13**		**2,396.13**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.02	0.34	0.00	0.20	0.01	0.20	0.00	0.01	0.01		124.11		0.00		124.19
Total	**0.04**	**0.02**	**0.34**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**124.11**		**0.00**		**124.19**

3.7 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	257.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02		281.19		0.01		281.43
Total	**257.41**	**0.86**	**1.80**	**0.00**		**0.02**	**0.02**		**0.02**	**0.02**		**281.19**		**0.01**		**281.43**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.01	0.01	0.14	0.00	0.08	0.00	0.08	0.00	0.00	0.00		49.64		0.00		49.68
Total	**0.01**	**0.01**	**0.14**	**0.00**	**0.08**	**0.00**	**0.08**	**0.00**	**0.00**	**0.00**		**49.64**		**0.00**		**49.68**

3.7 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	257.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02	0.00	281.19		0.01		281.43
Total	**257.41**	**0.86**	**1.80**	**0.00**		**0.02**	**0.02**		**0.02**	**0.02**	**0.00**	**281.19**		**0.01**		**281.43**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.01	0.01	0.14	0.00	0.08	0.00	0.08	0.00	0.00	0.00		49.64		0.00		49.68
Total	**0.01**	**0.01**	**0.14**	**0.00**	**0.08**	**0.00**	**0.08**	**0.00**	**0.00**	**0.00**		**49.64**		**0.00**		**49.68**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	13.82	32.89	103.25	0.38	39.14	1.72	40.87	0.56	1.68	2.23		29,888.90		0.93		29,908.46
Unmitigated	13.82	32.89	103.25	0.38	39.14	1.72	40.87	0.56	1.68	2.23		29,888.90		0.93		29,908.46
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Government Office Building	6,893.00	0.00	0.00	8,443,336	8,443,336
Total	6,893.00	0.00	0.00	8,443,336	8,443,336

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
NaturalGas Unmitigated	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Government Office Building	2994.52	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Total		**0.03**	**0.29**	**0.25**	**0.00**		**0.00**	**0.02**		**0.00**	**0.02**		**352.30**		**0.01**	**0.01**	**354.44**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Government Office Building	2.99452	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Total		**0.03**	**0.29**	**0.25**	**0.00**		**0.00**	**0.02**		**0.00**	**0.02**		**352.30**		**0.01**	**0.01**	**354.44**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.63					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.98					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**2.61**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.63					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.98					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**2.61**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

West Adams Community Plan Update

South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Government Office Building	100	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	
Climate Zone	11	**Precipitation Freq (Days)**	31		

1.3 User Entered Comments

Project Characteristics -

Land Use - .

Construction Phase - .

Construction Off-road Equipment Mitigation - Rule 403

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	257.42	11.47	18.37	0.04	6.79	0.36	7.14	3.31	0.36	3.66	0.00	4,044.63	0.00	0.18	0.00	4,048.48
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	257.42	11.47	18.37	0.04	2.73	0.36	3.07	1.29	0.36	1.64	0.00	4,044.63	0.00	0.18	0.00	4,048.48
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Mobile	14.12	33.17	104.74	0.35	39.14	1.73	40.87	0.56	1.69	2.24		27,889.47		0.84		27,907.20
Total	**16.76**	**33.46**	**104.99**	**0.35**	**39.14**	**1.73**	**40.89**	**0.56**	**1.69**	**2.26**		**28,241.77**		**0.85**	**0.01**	**28,261.64**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Mobile	14.12	33.17	104.74	0.35	39.14	1.73	40.87	0.56	1.69	2.24		27,889.47		0.84		27,907.20
Total	**16.76**	**33.46**	**104.99**	**0.35**	**39.14**	**1.73**	**40.89**	**0.56**	**1.69**	**2.26**		**28,241.77**		**0.85**	**0.01**	**28,261.64**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.02	11.45	16.92	0.04		0.34	0.34		0.34	0.34		3,946.47		0.18		3,950.25
Total	**2.02**	**11.45**	**16.92**	**0.04**		**0.34**	**0.34**		**0.34**	**0.34**		**3,946.47**		**0.18**		**3,950.25**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.02	0.27	0.00	0.17	0.01	0.18	0.00	0.01	0.01		98.16		0.00		98.23
Total	**0.03**	**0.02**	**0.27**	**0.00**	**0.17**	**0.01**	**0.18**	**0.00**	**0.01**	**0.01**		**98.16**		**0.00**		**98.23**

3.2 Demolition - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.02	11.45	16.92	0.04		0.34	0.34		0.34	0.34	0.00	3,946.47		0.18		3,950.25
Total	**2.02**	**11.45**	**16.92**	**0.04**		**0.34**	**0.34**		**0.34**	**0.34**	**0.00**	**3,946.47**		**0.18**		**3,950.25**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.02	0.27	0.00	0.17	0.01	0.18	0.00	0.01	0.01		98.16		0.00		98.23
Total	**0.03**	**0.02**	**0.27**	**0.00**	**0.17**	**0.01**	**0.18**	**0.00**	**0.01**	**0.01**		**98.16**		**0.00**		**98.23**

3.3 Site Preparation - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.19	0.00	1.19	0.00	0.00	0.00						0.00
Off-Road	1.76	7.23	13.50	0.04		0.27	0.27		0.27	0.27		3,917.77		0.16		3,921.04
Total	**1.76**	**7.23**	**13.50**	**0.04**	**1.19**	**0.27**	**1.46**	**0.00**	**0.27**	**0.27**		**3,917.77**		**0.16**		**3,921.04**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.01	0.17	0.00	0.10	0.00	0.11	0.00	0.00	0.00		60.41		0.00		60.45
Total	**0.02**	**0.01**	**0.17**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**60.41**		**0.00**		**60.45**

3.3 Site Preparation - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.47	0.00	0.47	0.00	0.00	0.00						0.00
Off-Road	1.76	7.23	13.50	0.04		0.27	0.27		0.27	0.27	0.00	3,917.77		0.16		3,921.04
Total	**1.76**	**7.23**	**13.50**	**0.04**	**0.47**	**0.27**	**0.74**	**0.00**	**0.27**	**0.27**	**0.00**	**3,917.77**		**0.16**		**3,921.04**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.01	0.17	0.00	0.10	0.00	0.11	0.00	0.00	0.00		60.41		0.00		60.45
Total	**0.02**	**0.01**	**0.17**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**60.41**		**0.00**		**60.45**

3.4 Grading - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.66	0.00	6.66	3.31	0.00	3.31						0.00
Off-Road	1.96	9.66	15.72	0.04		0.34	0.34		0.34	0.34		3,827.58		0.18		3,831.26
Total	**1.96**	**9.66**	**15.72**	**0.04**	**6.66**	**0.34**	**7.00**	**3.31**	**0.34**	**3.65**		**3,827.58**		**0.18**		**3,831.26**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.02	0.21	0.00	0.13	0.00	0.14	0.00	0.00	0.01		75.51		0.00		75.56
Total	**0.03**	**0.02**	**0.21**	**0.00**	**0.13**	**0.00**	**0.14**	**0.00**	**0.00**	**0.01**		**75.51**		**0.00**		**75.56**

3.4 Grading - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.60	0.00	2.60	1.29	0.00	1.29						0.00
Off-Road	1.96	9.66	15.72	0.04		0.34	0.34		0.34	0.34	0.00	3,827.58		0.18		3,831.26
Total	**1.96**	**9.66**	**15.72**	**0.04**	**2.60**	**0.34**	**2.94**	**1.29**	**0.34**	**1.63**	**0.00**	**3,827.58**		**0.18**		**3,831.26**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.02	0.21	0.00	0.13	0.00	0.14	0.00	0.00	0.01		75.51		0.00		75.56
Total	**0.03**	**0.02**	**0.21**	**0.00**	**0.13**	**0.00**	**0.14**	**0.00**	**0.00**	**0.01**		**75.51**		**0.00**		**75.56**

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.46	7.99	16.89	0.04		0.16	0.16		0.16	0.16		3,233.11		0.13		3,235.85
Total	**1.46**	**7.99**	**16.89**	**0.04**		**0.16**	**0.16**		**0.16**	**0.16**		**3,233.11**		**0.13**		**3,235.85**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.10	1.13	0.81	0.00	0.15	0.03	0.18	0.00	0.03	0.03		440.41		0.00		440.50
Worker	0.08	0.06	0.66	0.00	0.42	0.02	0.43	0.01	0.01	0.02		241.63		0.01		241.79
Total	**0.18**	**1.19**	**1.47**	**0.00**	**0.57**	**0.05**	**0.61**	**0.01**	**0.04**	**0.05**		**682.04**		**0.01**		**682.29**

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.46	7.99	16.89	0.04		0.16	0.16		0.16	0.16	0.00	3,233.11		0.13		3,235.85
Total	**1.46**	**7.99**	**16.89**	**0.04**		**0.16**	**0.16**		**0.16**	**0.16**	**0.00**	**3,233.11**		**0.13**		**3,235.85**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.10	1.13	0.81	0.00	0.15	0.03	0.18	0.00	0.03	0.03		440.41		0.00		440.50
Worker	0.08	0.06	0.66	0.00	0.42	0.02	0.43	0.01	0.01	0.02		241.63		0.01		241.79
Total	**0.18**	**1.19**	**1.47**	**0.00**	**0.57**	**0.05**	**0.61**	**0.01**	**0.04**	**0.05**		**682.04**		**0.01**		**682.29**

3.6 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.45	9.01	15.62	0.03		0.35	0.35		0.35	0.35		2,393.42		0.13		2,396.13
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**1.45**	**9.01**	**15.62**	**0.03**		**0.35**	**0.35**		**0.35**	**0.35**		**2,393.42**		**0.13**		**2,396.13**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.03	0.31	0.00	0.20	0.01	0.20	0.00	0.01	0.01		113.26		0.00		113.34
Total	**0.04**	**0.03**	**0.31**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**113.26**		**0.00**		**113.34**

3.6 Paving - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.45	9.01	15.62	0.03		0.35	0.35		0.35	0.35	0.00	2,393.42		0.13		2,396.13
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**1.45**	**9.01**	**15.62**	**0.03**		**0.35**	**0.35**		**0.35**	**0.35**	**0.00**	**2,393.42**		**0.13**		**2,396.13**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.03	0.31	0.00	0.20	0.01	0.20	0.00	0.01	0.01		113.26		0.00		113.34
Total	**0.04**	**0.03**	**0.31**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**113.26**		**0.00**		**113.34**

3.7 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	257.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02		281.19		0.01		281.43
Total	**257.41**	**0.86**	**1.80**	**0.00**		**0.02**	**0.02**		**0.02**	**0.02**		**281.19**		**0.01**		**281.43**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.01	0.12	0.00	0.08	0.00	0.08	0.00	0.00	0.00		45.31		0.00		45.34
Total	**0.02**	**0.01**	**0.12**	**0.00**	**0.08**	**0.00**	**0.08**	**0.00**	**0.00**	**0.00**		**45.31**		**0.00**		**45.34**

3.7 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	257.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02	0.00	281.19		0.01		281.43
Total	**257.41**	**0.86**	**1.80**	**0.00**		**0.02**	**0.02**		**0.02**	**0.02**	**0.00**	**281.19**		**0.01**		**281.43**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.01	0.12	0.00	0.08	0.00	0.08	0.00	0.00	0.00		45.31		0.00		45.34
Total	**0.02**	**0.01**	**0.12**	**0.00**	**0.08**	**0.00**	**0.08**	**0.00**	**0.00**	**0.00**		**45.31**		**0.00**		**45.34**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.12	33.17	104.74	0.35	39.14	1.73	40.87	0.56	1.69	2.24		27,889.47		0.84		27,907.20
Unmitigated	14.12	33.17	104.74	0.35	39.14	1.73	40.87	0.56	1.69	2.24		27,889.47		0.84		27,907.20
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Government Office Building	6,893.00	0.00	0.00	8,443,336	8,443,336
Total	6,893.00	0.00	0.00	8,443,336	8,443,336

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
NaturalGas Unmitigated	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Government Office Building	2994.52	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Total		**0.03**	**0.29**	**0.25**	**0.00**		**0.00**	**0.02**		**0.00**	**0.02**		**352.30**		**0.01**	**0.01**	**354.44**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Government Office Building	2.99452	0.03	0.29	0.25	0.00		0.00	0.02		0.00	0.02		352.30		0.01	0.01	354.44
Total		**0.03**	**0.29**	**0.25**	**0.00**		**0.00**	**0.02**		**0.00**	**0.02**		**352.30**		**0.01**	**0.01**	**354.44**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.63					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.98					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**2.61**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.63					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.98					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**2.61**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

West Adams Community Plan Update

South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
General Light Industry	100	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	
Climate Zone	11	**Precipitation Freq (Days)**	31		

1.3 User Entered Comments

Project Characteristics -

Land Use -

Construction Phase - .

Construction Off-road Equipment Mitigation - 61% reduction due to Rule 403.

Area Mitigation - .

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2005	258.13	59.00	34.31	0.38	6.68	3.91	9.94	3.31	3.91	6.57	0.00	4,097.51	0.00	0.85	0.00	4,115.28
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2005	258.13	59.00	34.31	0.38	2.69	3.91	5.94	1.29	3.91	4.55	0.00	4,097.51	0.00	0.85	0.00	4,115.28
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Mobile	8.05	18.95	77.39	0.13	6.74	0.55	7.29	0.09	0.51	0.60		6,408.57		0.61		6,421.39
Total	**10.72**	**19.46**	**77.81**	**0.13**	**6.74**	**0.55**	**7.33**	**0.09**	**0.51**	**0.64**		**7,014.86**		**0.62**	**0.01**	**7,031.37**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Mobile	8.05	18.95	77.39	0.13	6.74	0.55	7.29	0.09	0.51	0.60		6,408.57		0.61		6,421.39
Total	**10.72**	**19.46**	**77.81**	**0.13**	**6.74**	**0.55**	**7.33**	**0.09**	**0.51**	**0.64**		**7,014.86**		**0.62**	**0.01**	**7,031.37**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.24	58.82	32.62	0.38		3.91	3.91		3.91	3.91		3,946.47		0.74		3,962.02
Total	**8.24**	**58.82**	**32.62**	**0.38**		**3.91**	**3.91**		**3.91**	**3.91**		**3,946.47**		**0.74**		**3,962.02**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.17	0.18	1.68	0.00	0.17	0.00	0.17	0.00	0.00	0.01		136.51		0.02		136.83
Total	**0.17**	**0.18**	**1.68**	**0.00**	**0.17**	**0.00**	**0.17**	**0.00**	**0.00**	**0.01**		**136.51**		**0.02**		**136.83**

3.2 Demolition - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.24	58.82	32.62	0.38		3.91	3.91		3.91	3.91	0.00	3,946.47		0.74		3,962.02
Total	**8.24**	**58.82**	**32.62**	**0.38**		**3.91**	**3.91**		**3.91**	**3.91**	**0.00**	**3,946.47**		**0.74**		**3,962.02**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.17	0.18	1.68	0.00	0.17	0.00	0.17	0.00	0.00	0.01		136.51		0.02		136.83
Total	**0.17**	**0.18**	**1.68**	**0.00**	**0.17**	**0.00**	**0.17**	**0.00**	**0.00**	**0.01**		**136.51**		**0.02**		**136.83**

3.3 Site Preparation - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.59	0.00	1.59	0.00	0.00	0.00						0.00
Off-Road	6.48	55.11	27.20	0.36		2.82	2.82		2.82	2.82		3,917.77		0.58		3,929.97
Total	**6.48**	**55.11**	**27.20**	**0.36**	**1.59**	**2.82**	**4.41**	**0.00**	**2.82**	**2.82**		**3,917.77**		**0.58**		**3,929.97**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.11	1.04	0.00	0.10	0.00	0.11	0.00	0.00	0.00		84.01		0.01		84.20
Total	**0.10**	**0.11**	**1.04**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**84.01**		**0.01**		**84.20**

3.3 Site Preparation - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.62	0.00	0.62	0.00	0.00	0.00						0.00
Off-Road	6.48	55.11	27.20	0.36		2.82	2.82		2.82	2.82	0.00	3,917.77		0.58		3,929.97
Total	**6.48**	**55.11**	**27.20**	**0.36**	**0.62**	**2.82**	**3.44**	**0.00**	**2.82**	**2.82**	**0.00**	**3,917.77**		**0.58**		**3,929.97**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.11	1.04	0.00	0.10	0.00	0.11	0.00	0.00	0.00		84.01		0.01		84.20
Total	**0.10**	**0.11**	**1.04**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**84.01**		**0.01**		**84.20**

3.4 Grading - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.55	0.00	6.55	3.31	0.00	3.31						0.00
Off-Road	7.24	56.85	30.70	0.36		3.25	3.25		3.25	3.25		3,827.58		0.65		3,841.23
Total	**7.24**	**56.85**	**30.70**	**0.36**	**6.55**	**3.25**	**9.80**	**3.31**	**3.25**	**6.56**		**3,827.58**		**0.65**		**3,841.23**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.13	0.14	1.30	0.00	0.13	0.00	0.13	0.00	0.00	0.01		105.01		0.01		105.25
Total	**0.13**	**0.14**	**1.30**	**0.00**	**0.13**	**0.00**	**0.13**	**0.00**	**0.00**	**0.01**		**105.01**		**0.01**		**105.25**

3.4 Grading - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.56	0.00	2.56	1.29	0.00	1.29						0.00
Off-Road	7.24	56.85	30.70	0.36		3.25	3.25		3.25	3.25	0.00	3,827.58		0.65		3,841.23
Total	**7.24**	**56.85**	**30.70**	**0.36**	**2.56**	**3.25**	**5.81**	**1.29**	**3.25**	**4.54**	**0.00**	**3,827.58**		**0.65**		**3,841.23**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.13	0.14	1.30	0.00	0.13	0.00	0.13	0.00	0.00	0.01		105.01		0.01		105.25
Total	**0.13**	**0.14**	**1.30**	**0.00**	**0.13**	**0.00**	**0.13**	**0.00**	**0.00**	**0.01**		**105.01**		**0.01**		**105.25**

3.5 Building Construction - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.62	44.04	22.78	0.34		3.14	3.14		3.14	3.14		3,233.11		0.78		3,249.39
Total	**8.62**	**44.04**	**22.78**	**0.34**		**3.14**	**3.14**		**3.14**	**3.14**		**3,233.11**		**0.78**		**3,249.39**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.44	4.72	3.25	0.03	0.15	0.17	0.32	0.00	0.16	0.16		423.37		0.02		423.84
Worker	0.54	0.60	5.44	0.00	0.55	0.02	0.56	0.01	0.01	0.02		441.03		0.05		442.06
Total	**0.98**	**5.32**	**8.69**	**0.03**	**0.70**	**0.19**	**0.88**	**0.01**	**0.17**	**0.18**		**864.40**		**0.07**		**865.90**

3.5 Building Construction - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.62	44.04	22.78	0.34		3.14	3.14		3.14	3.14	0.00	3,233.11		0.78		3,249.39
Total	**8.62**	**44.04**	**22.78**	**0.34**		**3.14**	**3.14**		**3.14**	**3.14**	**0.00**	**3,233.11**		**0.78**		**3,249.39**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.44	4.72	3.25	0.03	0.15	0.17	0.32	0.00	0.16	0.16		423.37		0.02		423.84
Worker	0.54	0.60	5.44	0.00	0.55	0.02	0.56	0.01	0.01	0.02		441.03		0.05		442.06
Total	**0.98**	**5.32**	**8.69**	**0.03**	**0.70**	**0.19**	**0.88**	**0.01**	**0.17**	**0.18**		**864.40**		**0.07**		**865.90**

3.6 Paving - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	6.77	38.46	18.46	0.25		3.44	3.44		3.44	3.44		2,393.42		0.61		2,406.23
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**6.77**	**38.46**	**18.46**	**0.25**		**3.44**	**3.44**		**3.44**	**3.44**		**2,393.42**		**0.61**		**2,406.23**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.21	1.94	0.00	0.20	0.01	0.20	0.00	0.01	0.01		157.51		0.02		157.88
Total	**0.19**	**0.21**	**1.94**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**157.51**		**0.02**		**157.88**

3.6 Paving - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	6.77	38.46	18.46	0.25		3.44	3.44		3.44	3.44	0.00	2,393.42		0.61		2,406.23
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**6.77**	**38.46**	**18.46**	**0.25**		**3.44**	**3.44**		**3.44**	**3.44**	**0.00**	**2,393.42**		**0.61**		**2,406.23**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.21	1.94	0.00	0.20	0.01	0.20	0.00	0.01	0.01		157.51		0.02		157.88
Total	**0.19**	**0.21**	**1.94**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**157.51**		**0.02**		**157.88**

3.7 Architectural Coating - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	257.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.75	4.28	2.08	0.03		0.38	0.38		0.38	0.38		281.19		0.07		282.61
Total	**258.03**	**4.28**	**2.08**	**0.03**		**0.38**	**0.38**		**0.38**	**0.38**		**281.19**		**0.07**		**282.61**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.11	1.04	0.00	0.10	0.00	0.11	0.00	0.00	0.00		84.01		0.01		84.20
Total	**0.10**	**0.11**	**1.04**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**84.01**		**0.01**		**84.20**

3.7 Architectural Coating - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	257.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.75	4.28	2.08	0.03		0.38	0.38		0.38	0.38	0.00	281.19		0.07		282.61
Total	**258.03**	**4.28**	**2.08**	**0.03**		**0.38**	**0.38**		**0.38**	**0.38**	**0.00**	**281.19**		**0.07**		**282.61**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.11	1.04	0.00	0.10	0.00	0.11	0.00	0.00	0.00		84.01		0.01		84.20
Total	**0.10**	**0.11**	**1.04**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**84.01**		**0.01**		**84.20**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	8.05	18.95	77.39	0.13	6.74	0.55	7.29	0.09	0.51	0.60		6,408.57		0.61		6,421.39
Unmitigated	8.05	18.95	77.39	0.13	6.74	0.55	7.29	0.09	0.51	0.60		6,408.57		0.61		6,421.39
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	697.00	132.00	68.00	1,536,914	1,536,914
Total	697.00	132.00	68.00	1,536,914	1,536,914

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
NaturalGas Unmitigated	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Light Industry	5153.42	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Total		**0.06**	**0.51**	**0.42**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**		**606.29**		**0.01**	**0.01**	**609.98**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Light Industry	5.15342	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Total		**0.06**	**0.51**	**0.42**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**		**606.29**		**0.01**	**0.01**	**609.98**

6.0 Area Detail

6.1 Mitigation Measures Area

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.63					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.98					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**2.61**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.63					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.98					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**2.61**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

West Adams Community Plan Update

South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
General Light Industry	100	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	
Climate Zone	11	**Precipitation Freq (Days)**	31		

1.3 User Entered Comments

Project Characteristics -

Land Use -

Construction Phase - .

Construction Off-road Equipment Mitigation - 61% reduction due to Rule 403.

Area Mitigation - .

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2005	258.13	58.98	34.39	0.38	6.68	3.91	9.94	3.31	3.91	6.57	0.00	4,138.60	0.00	0.85	0.00	4,156.38
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2005	258.13	58.98	34.39	0.38	2.69	3.91	5.94	1.29	3.91	4.55	0.00	4,138.60	0.00	0.85	0.00	4,156.38
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Mobile	7.62	17.24	79.04	0.13	6.74	0.55	7.28	0.09	0.50	0.60		6,874.36		0.59		6,886.76
Total	**10.29**	**17.75**	**79.46**	**0.13**	**6.74**	**0.55**	**7.32**	**0.09**	**0.50**	**0.64**		**7,480.65**		**0.60**	**0.01**	**7,496.74**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Mobile	7.62	17.24	79.04	0.13	6.74	0.55	7.28	0.09	0.50	0.60		6,874.36		0.59		6,886.76
Total	**10.29**	**17.75**	**79.46**	**0.13**	**6.74**	**0.55**	**7.32**	**0.09**	**0.50**	**0.64**		**7,480.65**		**0.60**	**0.01**	**7,496.74**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.24	58.82	32.62	0.38		3.91	3.91		3.91	3.91		3,946.47		0.74		3,962.02
Total	**8.24**	**58.82**	**32.62**	**0.38**		**3.91**	**3.91**		**3.91**	**3.91**		**3,946.47**		**0.74**		**3,962.02**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.16	0.16	1.77	0.00	0.17	0.00	0.17	0.00	0.00	0.01		148.43		0.02		148.75
Total	**0.16**	**0.16**	**1.77**	**0.00**	**0.17**	**0.00**	**0.17**	**0.00**	**0.00**	**0.01**		**148.43**		**0.02**		**148.75**

3.2 Demolition - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.24	58.82	32.62	0.38		3.91	3.91		3.91	3.91	0.00	3,946.47		0.74		3,962.02
Total	**8.24**	**58.82**	**32.62**	**0.38**		**3.91**	**3.91**		**3.91**	**3.91**	**0.00**	**3,946.47**		**0.74**		**3,962.02**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.16	0.16	1.77	0.00	0.17	0.00	0.17	0.00	0.00	0.01		148.43		0.02		148.75
Total	**0.16**	**0.16**	**1.77**	**0.00**	**0.17**	**0.00**	**0.17**	**0.00**	**0.00**	**0.01**		**148.43**		**0.02**		**148.75**

3.3 Site Preparation - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.59	0.00	1.59	0.00	0.00	0.00						0.00
Off-Road	6.48	55.11	27.20	0.36		2.82	2.82		2.82	2.82		3,917.77		0.58		3,929.97
Total	**6.48**	**55.11**	**27.20**	**0.36**	**1.59**	**2.82**	**4.41**	**0.00**	**2.82**	**2.82**		**3,917.77**		**0.58**		**3,929.97**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.10	1.09	0.00	0.10	0.00	0.11	0.00	0.00	0.00		91.34		0.01		91.54
Total	**0.10**	**0.10**	**1.09**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**91.34**		**0.01**		**91.54**

3.3 Site Preparation - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.62	0.00	0.62	0.00	0.00	0.00						0.00
Off-Road	6.48	55.11	27.20	0.36		2.82	2.82		2.82	2.82	0.00	3,917.77		0.58		3,929.97
Total	**6.48**	**55.11**	**27.20**	**0.36**	**0.62**	**2.82**	**3.44**	**0.00**	**2.82**	**2.82**	**0.00**	**3,917.77**		**0.58**		**3,929.97**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.10	1.09	0.00	0.10	0.00	0.11	0.00	0.00	0.00		91.34		0.01		91.54
Total	**0.10**	**0.10**	**1.09**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**91.34**		**0.01**		**91.54**

3.4 Grading - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.55	0.00	6.55	3.31	0.00	3.31						0.00
Off-Road	7.24	56.85	30.70	0.36		3.25	3.25		3.25	3.25		3,827.58		0.65		3,841.23
Total	**7.24**	**56.85**	**30.70**	**0.36**	**6.55**	**3.25**	**9.80**	**3.31**	**3.25**	**6.56**		**3,827.58**		**0.65**		**3,841.23**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.12	0.12	1.36	0.00	0.13	0.00	0.13	0.00	0.00	0.01		114.18		0.01		114.43
Total	**0.12**	**0.12**	**1.36**	**0.00**	**0.13**	**0.00**	**0.13**	**0.00**	**0.00**	**0.01**		**114.18**		**0.01**		**114.43**

3.4 Grading - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.56	0.00	2.56	1.29	0.00	1.29						0.00
Off-Road	7.24	56.85	30.70	0.36		3.25	3.25		3.25	3.25	0.00	3,827.58		0.65		3,841.23
Total	**7.24**	**56.85**	**30.70**	**0.36**	**2.56**	**3.25**	**5.81**	**1.29**	**3.25**	**4.54**	**0.00**	**3,827.58**		**0.65**		**3,841.23**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.12	0.12	1.36	0.00	0.13	0.00	0.13	0.00	0.00	0.01		114.18		0.01		114.43
Total	**0.12**	**0.12**	**1.36**	**0.00**	**0.13**	**0.00**	**0.13**	**0.00**	**0.00**	**0.01**		**114.18**		**0.01**		**114.43**

3.5 Building Construction - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.62	44.04	22.78	0.34		3.14	3.14		3.14	3.14		3,233.11		0.78		3,249.39
Total	**8.62**	**44.04**	**22.78**	**0.34**		**3.14**	**3.14**		**3.14**	**3.14**		**3,233.11**		**0.78**		**3,249.39**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.42	4.45	3.04	0.03	0.15	0.17	0.32	0.00	0.16	0.16		425.95		0.02		426.40
Worker	0.51	0.52	5.71	0.00	0.55	0.02	0.56	0.01	0.01	0.02		479.54		0.05		480.59
Total	**0.93**	**4.97**	**8.75**	**0.03**	**0.70**	**0.19**	**0.88**	**0.01**	**0.17**	**0.18**		**905.49**		**0.07**		**906.99**

3.5 Building Construction - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.62	44.04	22.78	0.34		3.14	3.14		3.14	3.14	0.00	3,233.11		0.78		3,249.39
Total	**8.62**	**44.04**	**22.78**	**0.34**		**3.14**	**3.14**		**3.14**	**3.14**	**0.00**	**3,233.11**		**0.78**		**3,249.39**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.42	4.45	3.04	0.03	0.15	0.17	0.32	0.00	0.16	0.16		425.95		0.02		426.40
Worker	0.51	0.52	5.71	0.00	0.55	0.02	0.56	0.01	0.01	0.02		479.54		0.05		480.59
Total	**0.93**	**4.97**	**8.75**	**0.03**	**0.70**	**0.19**	**0.88**	**0.01**	**0.17**	**0.18**		**905.49**		**0.07**		**906.99**

3.6 Paving - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	6.77	38.46	18.46	0.25		3.44	3.44		3.44	3.44		2,393.42		0.61		2,406.23
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**6.77**	**38.46**	**18.46**	**0.25**		**3.44**	**3.44**		**3.44**	**3.44**		**2,393.42**		**0.61**		**2,406.23**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.18	0.19	2.04	0.00	0.20	0.01	0.20	0.00	0.01	0.01		171.26		0.02		171.64
Total	**0.18**	**0.19**	**2.04**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**171.26**		**0.02**		**171.64**

3.6 Paving - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	6.77	38.46	18.46	0.25		3.44	3.44		3.44	3.44	0.00	2,393.42		0.61		2,406.23
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**6.77**	**38.46**	**18.46**	**0.25**		**3.44**	**3.44**		**3.44**	**3.44**	**0.00**	**2,393.42**		**0.61**		**2,406.23**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.18	0.19	2.04	0.00	0.20	0.01	0.20	0.00	0.01	0.01		171.26		0.02		171.64
Total	**0.18**	**0.19**	**2.04**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**171.26**		**0.02**		**171.64**

3.7 Architectural Coating - 2005

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	257.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.75	4.28	2.08	0.03		0.38	0.38		0.38	0.38		281.19		0.07		282.61
Total	**258.03**	**4.28**	**2.08**	**0.03**		**0.38**	**0.38**		**0.38**	**0.38**		**281.19**		**0.07**		**282.61**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.10	1.09	0.00	0.10	0.00	0.11	0.00	0.00	0.00		91.34		0.01		91.54
Total	**0.10**	**0.10**	**1.09**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**91.34**		**0.01**		**91.54**

3.7 Architectural Coating - 2005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	257.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.75	4.28	2.08	0.03		0.38	0.38		0.38	0.38	0.00	281.19		0.07		282.61
Total	**258.03**	**4.28**	**2.08**	**0.03**		**0.38**	**0.38**		**0.38**	**0.38**	**0.00**	**281.19**		**0.07**		**282.61**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.10	1.09	0.00	0.10	0.00	0.11	0.00	0.00	0.00		91.34		0.01		91.54
Total	**0.10**	**0.10**	**1.09**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**91.34**		**0.01**		**91.54**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.62	17.24	79.04	0.13	6.74	0.55	7.28	0.09	0.50	0.60		6,874.36		0.59		6,886.76
Unmitigated	7.62	17.24	79.04	0.13	6.74	0.55	7.28	0.09	0.50	0.60		6,874.36		0.59		6,886.76
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	697.00	132.00	68.00	1,536,914	1,536,914
Total	697.00	132.00	68.00	1,536,914	1,536,914

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
NaturalGas Unmitigated	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Light Industry	5153.42	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Total		**0.06**	**0.51**	**0.42**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**		**606.29**		**0.01**	**0.01**	**609.98**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Light Industry	5.15342	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Total		**0.06**	**0.51**	**0.42**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**		**606.29**		**0.01**	**0.01**	**609.98**

6.0 Area Detail

6.1 Mitigation Measures Area

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.63					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.98					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**2.61**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.63					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.98					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**2.61**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

West Adams Community Plan Update

South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
General Light Industry	100	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	
Climate Zone	11	**Precipitation Freq (Days)**	31		

1.3 User Entered Comments

Project Characteristics -

Land Use -

Construction Phase - .

Construction Off-road Equipment Mitigation - 61% reduction due to Rule 403.

Area Mitigation - .

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	257.43	11.47	18.50	0.04	6.79	0.36	7.14	3.31	0.36	3.66	0.00	4,054.03	0.00	0.18	0.00	4,057.88
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	257.43	11.47	18.50	0.04	2.73	0.36	3.07	1.29	0.36	1.64	0.00	4,054.03	0.00	0.18	0.00	4,057.88
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Mobile	1.91	4.35	16.00	0.06	6.74	0.29	7.03	0.10	0.28	0.38		5,030.89		0.15		5,034.07
Total	**4.58**	**4.86**	**16.42**	**0.06**	**6.74**	**0.29**	**7.07**	**0.10**	**0.28**	**0.42**		**5,637.18**		**0.16**	**0.01**	**5,644.05**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Mobile	1.91	4.35	16.00	0.06	6.74	0.29	7.03	0.10	0.28	0.38		5,030.89		0.15		5,034.07
Total	**4.58**	**4.86**	**16.42**	**0.06**	**6.74**	**0.29**	**7.07**	**0.10**	**0.28**	**0.42**		**5,637.18**		**0.16**	**0.01**	**5,644.05**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.02	11.45	16.92	0.04		0.34	0.34		0.34	0.34		3,946.47		0.18		3,950.25
Total	**2.02**	**11.45**	**16.92**	**0.04**		**0.34**	**0.34**		**0.34**	**0.34**		**3,946.47**		**0.18**		**3,950.25**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.02	0.30	0.00	0.17	0.01	0.18	0.00	0.01	0.01		107.56		0.00		107.63
Total	**0.03**	**0.02**	**0.30**	**0.00**	**0.17**	**0.01**	**0.18**	**0.00**	**0.01**	**0.01**		**107.56**		**0.00**		**107.63**

3.2 Demolition - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.02	11.45	16.92	0.04		0.34	0.34		0.34	0.34	0.00	3,946.47		0.18		3,950.25
Total	**2.02**	**11.45**	**16.92**	**0.04**		**0.34**	**0.34**		**0.34**	**0.34**	**0.00**	**3,946.47**		**0.18**		**3,950.25**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.02	0.30	0.00	0.17	0.01	0.18	0.00	0.01	0.01		107.56		0.00		107.63
Total	**0.03**	**0.02**	**0.30**	**0.00**	**0.17**	**0.01**	**0.18**	**0.00**	**0.01**	**0.01**		**107.56**		**0.00**		**107.63**

3.3 Site Preparation - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.19	0.00	1.19	0.00	0.00	0.00						0.00
Off-Road	1.76	7.23	13.50	0.04		0.27	0.27		0.27	0.27		3,917.77		0.16		3,921.04
Total	**1.76**	**7.23**	**13.50**	**0.04**	**1.19**	**0.27**	**1.46**	**0.00**	**0.27**	**0.27**		**3,917.77**		**0.16**		**3,921.04**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.01	0.18	0.00	0.10	0.00	0.11	0.00	0.00	0.00		66.19		0.00		66.23
Total	**0.02**	**0.01**	**0.18**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**66.19**		**0.00**		**66.23**

3.3 Site Preparation - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.47	0.00	0.47	0.00	0.00	0.00						0.00
Off-Road	1.76	7.23	13.50	0.04		0.27	0.27		0.27	0.27	0.00	3,917.77		0.16		3,921.04
Total	**1.76**	**7.23**	**13.50**	**0.04**	**0.47**	**0.27**	**0.74**	**0.00**	**0.27**	**0.27**	**0.00**	**3,917.77**		**0.16**		**3,921.04**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.01	0.18	0.00	0.10	0.00	0.11	0.00	0.00	0.00		66.19		0.00		66.23
Total	**0.02**	**0.01**	**0.18**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**66.19**		**0.00**		**66.23**

3.4 Grading - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.66	0.00	6.66	3.31	0.00	3.31						0.00
Off-Road	1.96	9.66	15.72	0.04		0.34	0.34		0.34	0.34		3,827.58		0.18		3,831.26
Total	**1.96**	**9.66**	**15.72**	**0.04**	**6.66**	**0.34**	**7.00**	**3.31**	**0.34**	**3.65**		**3,827.58**		**0.18**		**3,831.26**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.23	0.00	0.13	0.00	0.14	0.00	0.00	0.01		82.74		0.00		82.79
Total	**0.02**	**0.02**	**0.23**	**0.00**	**0.13**	**0.00**	**0.14**	**0.00**	**0.00**	**0.01**		**82.74**		**0.00**		**82.79**

3.4 Grading - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.60	0.00	2.60	1.29	0.00	1.29						0.00
Off-Road	1.96	9.66	15.72	0.04		0.34	0.34		0.34	0.34	0.00	3,827.58		0.18		3,831.26
Total	**1.96**	**9.66**	**15.72**	**0.04**	**2.60**	**0.34**	**2.94**	**1.29**	**0.34**	**1.63**	**0.00**	**3,827.58**		**0.18**		**3,831.26**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.02	0.23	0.00	0.13	0.00	0.14	0.00	0.00	0.01		82.74		0.00		82.79
Total	**0.02**	**0.02**	**0.23**	**0.00**	**0.13**	**0.00**	**0.14**	**0.00**	**0.00**	**0.01**		**82.74**		**0.00**		**82.79**

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.46	7.99	16.89	0.04		0.16	0.16		0.16	0.16		3,233.11		0.13		3,235.85
Total	**1.46**	**7.99**	**16.89**	**0.04**		**0.16**	**0.16**		**0.16**	**0.16**		**3,233.11**		**0.13**		**3,235.85**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.09	1.14	0.65	0.00	0.15	0.03	0.18	0.00	0.03	0.03		444.73		0.00		444.82
Worker	0.10	0.07	0.96	0.00	0.55	0.02	0.57	0.01	0.02	0.03		347.49		0.01		347.73
Total	**0.19**	**1.21**	**1.61**	**0.00**	**0.70**	**0.05**	**0.75**	**0.01**	**0.05**	**0.06**		**792.22**		**0.01**		**792.55**

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.46	7.99	16.89	0.04		0.16	0.16		0.16	0.16	0.00	3,233.11		0.13		3,235.85
Total	**1.46**	**7.99**	**16.89**	**0.04**		**0.16**	**0.16**		**0.16**	**0.16**	**0.00**	**3,233.11**		**0.13**		**3,235.85**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.09	1.14	0.65	0.00	0.15	0.03	0.18	0.00	0.03	0.03		444.73		0.00		444.82
Worker	0.10	0.07	0.96	0.00	0.55	0.02	0.57	0.01	0.02	0.03		347.49		0.01		347.73
Total	**0.19**	**1.21**	**1.61**	**0.00**	**0.70**	**0.05**	**0.75**	**0.01**	**0.05**	**0.06**		**792.22**		**0.01**		**792.55**

3.6 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.45	9.01	15.62	0.03		0.35	0.35		0.35	0.35		2,393.42		0.13		2,396.13
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**1.45**	**9.01**	**15.62**	**0.03**		**0.35**	**0.35**		**0.35**	**0.35**		**2,393.42**		**0.13**		**2,396.13**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.02	0.34	0.00	0.20	0.01	0.20	0.00	0.01	0.01		124.11		0.00		124.19
Total	**0.04**	**0.02**	**0.34**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**124.11**		**0.00**		**124.19**

3.6 Paving - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.45	9.01	15.62	0.03		0.35	0.35		0.35	0.35	0.00	2,393.42		0.13		2,396.13
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**1.45**	**9.01**	**15.62**	**0.03**		**0.35**	**0.35**		**0.35**	**0.35**	**0.00**	**2,393.42**		**0.13**		**2,396.13**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.02	0.34	0.00	0.20	0.01	0.20	0.00	0.01	0.01		124.11		0.00		124.19
Total	**0.04**	**0.02**	**0.34**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**124.11**		**0.00**		**124.19**

3.7 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	257.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02		281.19		0.01		281.43
Total	**257.41**	**0.86**	**1.80**	**0.00**		**0.02**	**0.02**		**0.02**	**0.02**		**281.19**		**0.01**		**281.43**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.01	0.18	0.00	0.10	0.00	0.11	0.00	0.00	0.00		66.19		0.00		66.23
Total	**0.02**	**0.01**	**0.18**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**66.19**		**0.00**		**66.23**

3.7 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	257.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02	0.00	281.19		0.01		281.43
Total	**257.41**	**0.86**	**1.80**	**0.00**		**0.02**	**0.02**		**0.02**	**0.02**	**0.00**	**281.19**		**0.01**		**281.43**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.01	0.18	0.00	0.10	0.00	0.11	0.00	0.00	0.00		66.19		0.00		66.23
Total	**0.02**	**0.01**	**0.18**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**66.19**		**0.00**		**66.23**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.91	4.35	16.00	0.06	6.74	0.29	7.03	0.10	0.28	0.38		5,030.89		0.15		5,034.07
Unmitigated	1.91	4.35	16.00	0.06	6.74	0.29	7.03	0.10	0.28	0.38		5,030.89		0.15		5,034.07
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	697.00	132.00	68.00	1,536,914	1,536,914
Total	697.00	132.00	68.00	1,536,914	1,536,914

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
NaturalGas Unmitigated	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Light Industry	5153.42	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Total		**0.06**	**0.51**	**0.42**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**		**606.29**		**0.01**	**0.01**	**609.98**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Light Industry	5.15342	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Total		**0.06**	**0.51**	**0.42**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**		**606.29**		**0.01**	**0.01**	**609.98**

6.0 Area Detail

6.1 Mitigation Measures Area

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.63					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.98					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**2.61**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.63					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.98					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**2.61**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

West Adams Community Plan Update

South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
General Light Industry	100	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	
Climate Zone	11	**Precipitation Freq (Days)**	31		

1.3 User Entered Comments

Project Characteristics -

Land Use -

Construction Phase - .

Construction Off-road Equipment Mitigation - 61% reduction due to Rule 403.

Area Mitigation - .

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	257.43	11.47	18.57	0.04	6.79	0.36	7.14	3.31	0.36	3.66	0.00	4,044.63	0.00	0.18	0.00	4,048.48
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2030	257.43	11.47	18.57	0.04	2.73	0.36	3.07	1.29	0.36	1.64	0.00	4,044.63	0.00	0.18	0.00	4,048.48
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Mobile	2.01	4.48	15.52	0.06	6.74	0.29	7.03	0.10	0.28	0.38		4,693.96		0.13		4,696.79
Total	**4.68**	**4.99**	**15.94**	**0.06**	**6.74**	**0.29**	**7.07**	**0.10**	**0.28**	**0.42**		**5,300.25**		**0.14**	**0.01**	**5,306.77**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Mobile	2.01	4.48	15.52	0.06	6.74	0.29	7.03	0.10	0.28	0.38		4,693.96		0.13		4,696.79
Total	**4.68**	**4.99**	**15.94**	**0.06**	**6.74**	**0.29**	**7.07**	**0.10**	**0.28**	**0.42**		**5,300.25**		**0.14**	**0.01**	**5,306.77**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.02	11.45	16.92	0.04		0.34	0.34		0.34	0.34		3,946.47		0.18		3,950.25
Total	**2.02**	**11.45**	**16.92**	**0.04**		**0.34**	**0.34**		**0.34**	**0.34**		**3,946.47**		**0.18**		**3,950.25**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.02	0.27	0.00	0.17	0.01	0.18	0.00	0.01	0.01		98.16		0.00		98.23
Total	**0.03**	**0.02**	**0.27**	**0.00**	**0.17**	**0.01**	**0.18**	**0.00**	**0.01**	**0.01**		**98.16**		**0.00**		**98.23**

3.2 Demolition - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.02	11.45	16.92	0.04		0.34	0.34		0.34	0.34	0.00	3,946.47		0.18		3,950.25
Total	**2.02**	**11.45**	**16.92**	**0.04**		**0.34**	**0.34**		**0.34**	**0.34**	**0.00**	**3,946.47**		**0.18**		**3,950.25**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.02	0.27	0.00	0.17	0.01	0.18	0.00	0.01	0.01		98.16		0.00		98.23
Total	**0.03**	**0.02**	**0.27**	**0.00**	**0.17**	**0.01**	**0.18**	**0.00**	**0.01**	**0.01**		**98.16**		**0.00**		**98.23**

3.3 Site Preparation - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.19	0.00	1.19	0.00	0.00	0.00						0.00
Off-Road	1.76	7.23	13.50	0.04		0.27	0.27		0.27	0.27		3,917.77		0.16		3,921.04
Total	**1.76**	**7.23**	**13.50**	**0.04**	**1.19**	**0.27**	**1.46**	**0.00**	**0.27**	**0.27**		**3,917.77**		**0.16**		**3,921.04**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.01	0.17	0.00	0.10	0.00	0.11	0.00	0.00	0.00		60.41		0.00		60.45
Total	**0.02**	**0.01**	**0.17**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**60.41**		**0.00**		**60.45**

3.3 Site Preparation - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.47	0.00	0.47	0.00	0.00	0.00						0.00
Off-Road	1.76	7.23	13.50	0.04		0.27	0.27		0.27	0.27	0.00	3,917.77		0.16		3,921.04
Total	**1.76**	**7.23**	**13.50**	**0.04**	**0.47**	**0.27**	**0.74**	**0.00**	**0.27**	**0.27**	**0.00**	**3,917.77**		**0.16**		**3,921.04**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.01	0.17	0.00	0.10	0.00	0.11	0.00	0.00	0.00		60.41		0.00		60.45
Total	**0.02**	**0.01**	**0.17**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**60.41**		**0.00**		**60.45**

3.4 Grading - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.66	0.00	6.66	3.31	0.00	3.31						0.00
Off-Road	1.96	9.66	15.72	0.04		0.34	0.34		0.34	0.34		3,827.58		0.18		3,831.26
Total	**1.96**	**9.66**	**15.72**	**0.04**	**6.66**	**0.34**	**7.00**	**3.31**	**0.34**	**3.65**		**3,827.58**		**0.18**		**3,831.26**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.02	0.21	0.00	0.13	0.00	0.14	0.00	0.00	0.01		75.51		0.00		75.56
Total	**0.03**	**0.02**	**0.21**	**0.00**	**0.13**	**0.00**	**0.14**	**0.00**	**0.00**	**0.01**		**75.51**		**0.00**		**75.56**

3.4 Grading - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.60	0.00	2.60	1.29	0.00	1.29						0.00
Off-Road	1.96	9.66	15.72	0.04		0.34	0.34		0.34	0.34	0.00	3,827.58		0.18		3,831.26
Total	**1.96**	**9.66**	**15.72**	**0.04**	**2.60**	**0.34**	**2.94**	**1.29**	**0.34**	**1.63**	**0.00**	**3,827.58**		**0.18**		**3,831.26**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.02	0.21	0.00	0.13	0.00	0.14	0.00	0.00	0.01		75.51		0.00		75.56
Total	**0.03**	**0.02**	**0.21**	**0.00**	**0.13**	**0.00**	**0.14**	**0.00**	**0.00**	**0.01**		**75.51**		**0.00**		**75.56**

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.46	7.99	16.89	0.04		0.16	0.16		0.16	0.16		3,233.11		0.13		3,235.85
Total	**1.46**	**7.99**	**16.89**	**0.04**		**0.16**	**0.16**		**0.16**	**0.16**		**3,233.11**		**0.13**		**3,235.85**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.10	1.13	0.81	0.00	0.15	0.03	0.18	0.00	0.03	0.03		440.41		0.00		440.50
Worker	0.11	0.07	0.87	0.00	0.55	0.02	0.57	0.01	0.02	0.03		317.14		0.01		317.35
Total	**0.21**	**1.20**	**1.68**	**0.00**	**0.70**	**0.05**	**0.75**	**0.01**	**0.05**	**0.06**		**757.55**		**0.01**		**757.85**

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.46	7.99	16.89	0.04		0.16	0.16		0.16	0.16	0.00	3,233.11		0.13		3,235.85
Total	**1.46**	**7.99**	**16.89**	**0.04**		**0.16**	**0.16**		**0.16**	**0.16**	**0.00**	**3,233.11**		**0.13**		**3,235.85**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.10	1.13	0.81	0.00	0.15	0.03	0.18	0.00	0.03	0.03		440.41		0.00		440.50
Worker	0.11	0.07	0.87	0.00	0.55	0.02	0.57	0.01	0.02	0.03		317.14		0.01		317.35
Total	**0.21**	**1.20**	**1.68**	**0.00**	**0.70**	**0.05**	**0.75**	**0.01**	**0.05**	**0.06**		**757.55**		**0.01**		**757.85**

3.6 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.45	9.01	15.62	0.03		0.35	0.35		0.35	0.35		2,393.42		0.13		2,396.13
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**1.45**	**9.01**	**15.62**	**0.03**		**0.35**	**0.35**		**0.35**	**0.35**		**2,393.42**		**0.13**		**2,396.13**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.03	0.31	0.00	0.20	0.01	0.20	0.00	0.01	0.01		113.26		0.00		113.34
Total	**0.04**	**0.03**	**0.31**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**113.26**		**0.00**		**113.34**

3.6 Paving - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.45	9.01	15.62	0.03		0.35	0.35		0.35	0.35	0.00	2,393.42		0.13		2,396.13
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**1.45**	**9.01**	**15.62**	**0.03**		**0.35**	**0.35**		**0.35**	**0.35**	**0.00**	**2,393.42**		**0.13**		**2,396.13**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.03	0.31	0.00	0.20	0.01	0.20	0.00	0.01	0.01		113.26		0.00		113.34
Total	**0.04**	**0.03**	**0.31**	**0.00**	**0.20**	**0.01**	**0.20**	**0.00**	**0.01**	**0.01**		**113.26**		**0.00**		**113.34**

3.7 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	257.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02		281.19		0.01		281.43
Total	**257.41**	**0.86**	**1.80**	**0.00**		**0.02**	**0.02**		**0.02**	**0.02**		**281.19**		**0.01**		**281.43**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.01	0.17	0.00	0.10	0.00	0.11	0.00	0.00	0.00		60.41		0.00		60.45
Total	**0.02**	**0.01**	**0.17**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**60.41**		**0.00**		**60.45**

3.7 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	257.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02	0.00	281.19		0.01		281.43
Total	**257.41**	**0.86**	**1.80**	**0.00**		**0.02**	**0.02**		**0.02**	**0.02**	**0.00**	**281.19**		**0.01**		**281.43**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.02	0.01	0.17	0.00	0.10	0.00	0.11	0.00	0.00	0.00		60.41		0.00		60.45
Total	**0.02**	**0.01**	**0.17**	**0.00**	**0.10**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**		**60.41**		**0.00**		**60.45**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.01	4.48	15.52	0.06	6.74	0.29	7.03	0.10	0.28	0.38		4,693.96		0.13		4,696.79
Unmitigated	2.01	4.48	15.52	0.06	6.74	0.29	7.03	0.10	0.28	0.38		4,693.96		0.13		4,696.79
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	697.00	132.00	68.00	1,536,914	1,536,914
Total	697.00	132.00	68.00	1,536,914	1,536,914

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
NaturalGas Unmitigated	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Light Industry	5153.42	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Total		**0.06**	**0.51**	**0.42**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**		**606.29**		**0.01**	**0.01**	**609.98**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Light Industry	5.15342	0.06	0.51	0.42	0.00		0.00	0.04		0.00	0.04		606.29		0.01	0.01	609.98
Total		**0.06**	**0.51**	**0.42**	**0.00**		**0.00**	**0.04**		**0.00**	**0.04**		**606.29**		**0.01**	**0.01**	**609.98**

6.0 Area Detail

6.1 Mitigation Measures Area

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	2.61	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.63					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.98					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**2.61**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.63					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.98					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**2.61**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

Appendix D

Operational Emissions Calculations

West Adams Community Plan Update Project
Estimated Operational Emissions- Existing 2008

Operational	**Pounds Per Day**					
Land Uses	VOC	NOx	CO	SOx	PM 2.5	PM 10
Residential						
Area Sources	2722.51	80.99	6036.87	0	24.92	24.92
Commercial						
Area Sources	334.72	0	0	0	0	0
Public Facility						
Area Sources	13.05	0	0	0	0	0
Industrial						
Area Sources	198.36	0	0	0	0	0
Total	**3268.64**	**80.99**	**6036.87**	**0**	**24.92**	**24.92**

West Adams Community Plan Update Project
Estimated Operational Emissions- Future 2030 with Project

Operational	**Pounds Per Day**					
Land Uses	VOC	NOx	CO	SOx	PM 2.5	PM 10
Residential						
Area Sources	3616.2	86.1	7163.52	0	43.05	43.05
Commercial						
Area Sources	470.7	0	0	0	0	0
Public Facility						
Area Sources	73.08	0	0	0	0	0
Industrial						
Area Sources	133.11	0	0	0	0	0
Total	**4293.09**	**86.1**	**7163.52**	**0**	**43.05**	**43.05**

West Adams New Community Plan Project - Operational Mobile Emissions

Operational Mobile Emissions - Existing Year 2008 and Future Year 2030 Plus Project													
Scenario	**VMT/a/**	**ROG (ppd)**	**ROG (tpy)**	**NOx (ppd)**	**NOx (tpy)**	**PM10 (ppd)**	**PM10 (tpy)**	**PM2.5 (ppd)**	**PM2.5 (tpy)**	**CO (ppd)**	**CO (tpy)**	**SOx (ppd)**	**SOx (tpy)**
Existing Conditions 2008	3,559,800	1,318	241	8,060	1,471	439	80	306	56	27,766	5,067	31	6
Future with Project Year 2030	4,111,500	317	58	2,112	385	199	36	181	33	8,511	1,553	36	7
Future with Project Year 2030 vs Existing Year 2(	**551,700**	**-1,001**	**-183**	**-5,948**	**-1,085**	**-240**	**-44**	**-125**	**-23**	**-19,255**	**-3,514**	**5**	**1**

Existing Year 2008 Emission Rates /b/					
ROG g/mi	**NOx g/mi**	**PM10 g/mi**	**PM2.5 g/mi**	**CO g/mi**	**SOx g/mi**
0.168	1.027	0.056	0.039	3.538	0.004

Future Year 2030 Plus Project Emission Rates /b/					
ROG g/mi	**NOx g/mi**	**PM10 g/mi**	**PM2.5 g/mi**	**CO g/mi**	**SOx g/mi**
0.035	0.233	0.022	0.02	0.939	0.004

/a/ Daily VMT was not available. AM and PM peak hour VMT (obtained from the traffic study) was used to calculate daily VMT. It was assumed that each peak hour was seven percent of the daily VMT.
/b/ Emission rates were obtained from Emfac2007.

Title   : West Adams Community Plan Update Project for Future With Project Year 3030 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/08/09 11:53:23
Scen Year: 2030 -- All model years in the range 1986 to 2030 selected
Season   : Annual
Area   : Los Angeles (SC)
****

Year: 2030 -- Model Years 1986 to 2030 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.009	0.017	0.028	0.223	0.363	1.890	0.035

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.597	1.092	1.224	1.306	3.044	14.588	0.939

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.048	0.104	0.199	2.379	7.530	1.218	0.233

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	330.353	423.481	573.691	1621.929	1724.748	144.415	461.796

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.003	0.004	0.006	0.015	0.017	0.002	0.004

Pollutant Name: PM2.5 Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.010	0.023	0.023	0.084	0.111	0.011	0.020

Pollutant Name: PM2.5 - Tire Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.002	0.002	0.002	0.006	0.002	0.001	0.002

Pollutant Name: PM2.5 - Brake Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL

30	0.005	0.005	0.005	0.009	0.005	0.003	0.006

Pollutant Name: Gasoline - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	26.744	20.836	15.306	15.523	15.378	51.046	23.395

Pollutant Name: Diesel - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	29.156	29.156	19.452	5.766	4.026	0.000	7.578

Title   : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season   : Annual
Area   : Los Angeles (SC)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.097	0.132	0.211	0.931	0.922	2.431	0.168

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	2.749	3.733	4.382	7.467	6.515	23.462	3.538

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.286	0.507	0.965	13.452	17.134	1.394	1.027

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	342.787	423.887	576.576	1567.198	2316.434	124.601	450.363

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.003	0.004	0.006	0.015	0.022	0.002	0.004

Pollutant Name: PM10 Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.010	0.019	0.021	0.483	0.239	0.030	0.034

Pollutant Name: PM10 - Tire Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.008	0.008	0.009	0.024	0.009	0.004	0.009

Pollutant Name: PM10 - Brake Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL

30	0.013	0.013	0.013	0.021	0.013	0.006	0.013

Pollutant Name: Gasoline - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	25.554	20.590	15.098	14.756	14.820	52.331	22.763

Pollutant Name: Diesel - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	27.646	28.889	19.608	5.833	3.539	0.000	8.873

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Los Angeles (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 2: Starting Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.103	0.107	0.268	0.764	0.223	1.526	0.175
10	0.165	0.172	0.459	0.969	0.352	1.583	0.266
20	0.280	0.294	0.814	1.360	0.592	1.723	0.436
30	0.384	0.405	1.132	1.726	0.807	1.900	0.592
40	0.478	0.506	1.415	2.066	0.997	2.114	0.732
50	0.562	0.595	1.662	2.380	1.163	2.365	0.857
60	0.631	0.670	1.867	2.613	1.295	2.504	0.959
120	0.776	0.825	2.038	2.526	1.255	2.241	1.096
180	0.699	0.754	2.046	2.698	1.334	2.381	1.049
240	0.741	0.799	2.165	2.866	1.411	2.560	1.111
300	0.781	0.843	2.281	3.030	1.486	2.739	1.172
360	0.821	0.886	2.394	3.190	1.559	2.916	1.232
420	0.860	0.929	2.503	3.347	1.629	3.092	1.290
480	0.898	0.970	2.610	3.500	1.697	3.267	1.347
540	0.935	1.010	2.714	3.649	1.763	3.442	1.403
600	0.971	1.050	2.814	3.795	1.827	3.615	1.457
660	1.006	1.088	2.912	3.937	1.888	3.787	1.510
720	1.040	1.126	3.007	4.075	1.948	3.958	1.561

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.921	1.055	2.961	9.232	2.488	5.539	1.752
10	1.544	1.800	5.222	11.936	4.281	5.385	2.780
20	2.725	3.214	9.481	17.072	7.646	5.161	4.724
30	3.820	4.526	13.385	21.845	10.716	5.048	6.521
40	4.828	5.735	16.936	26.256	13.492	5.045	8.169
50	5.750	6.842	20.134	30.303	15.973	5.153	9.671
60	6.585	7.847	22.977	33.987	18.159	5.372	11.024
120	9.004	10.572	24.710	35.237	17.335	7.639	13.349
180	7.504	8.967	23.856	38.515	18.059	9.336	12.197

240	7.967	9.528	24.959	41.572	18.775	11.323	12.935
300	8.395	10.043	26.017	44.409	19.483	13.090	13.623
360	8.787	10.515	27.030	47.024	20.184	14.637	14.261
420	9.144	10.941	27.997	49.419	20.876	15.965	14.849
480	9.466	11.324	28.920	51.593	21.560	17.073	15.386
540	9.752	11.662	29.797	53.546	22.237	17.961	15.874
600	10.003	11.955	30.629	55.278	22.905	18.630	16.311
660	10.218	12.204	31.416	56.789	23.566	19.080	16.698
720	10.398	12.408	32.157	58.079	24.219	19.310	17.034

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.223	0.368	0.894	0.788	0.489	0.230	0.401
10	0.263	0.424	1.144	1.154	0.734	0.257	0.496
20	0.333	0.523	1.585	1.796	1.163	0.305	0.665
30	0.392	0.605	1.947	2.321	1.513	0.345	0.803
40	0.438	0.670	2.229	2.727	1.784	0.379	0.911
50	0.472	0.718	2.431	3.014	1.975	0.405	0.990
60	0.493	0.749	2.554	3.184	2.086	0.425	1.038
120	0.514	0.787	2.630	3.220	2.110	0.431	1.073
180	0.522	0.799	2.634	3.205	2.102	0.422	1.081
240	0.518	0.793	2.617	3.184	2.090	0.411	1.073
300	0.513	0.784	2.593	3.155	2.073	0.396	1.062
360	0.505	0.773	2.562	3.120	2.053	0.378	1.048
420	0.496	0.758	2.523	3.077	2.028	0.357	1.031
480	0.484	0.740	2.477	3.027	1.999	0.334	1.010
540	0.471	0.720	2.424	2.970	1.966	0.307	0.986
600	0.457	0.696	2.364	2.907	1.929	0.277	0.959
660	0.440	0.670	2.297	2.836	1.887	0.245	0.929
720	0.422	0.640	2.222	2.758	1.842	0.209	0.895

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	11.135	13.906	17.054	11.338	3.472	27.212	12.943
10	13.608	16.742	22.573	15.205	5.726	29.887	16.083
20	18.883	22.853	33.989	22.844	10.191	35.095	22.705
30	24.596	29.550	45.907	30.358	14.600	40.115	29.781
40	30.746	36.834	58.329	37.747	18.952	44.945	37.312
50	37.335	44.704	71.254	45.011	23.248	49.587	45.297
60	44.361	53.161	84.683	52.149	27.488	54.040	53.737
120	91.691	111.971	164.399	83.472	45.907	74.717	108.385
180	104.910	127.949	189.634	94.943	53.641	76.182	124.131
240	117.836	143.624	214.000	105.737	60.919	77.563	139.468
300	130.469	158.997	237.499	115.856	67.741	78.860	154.398
360	142.809	174.066	260.129	125.298	74.106	80.075	168.919
420	154.856	188.833	281.891	134.065	80.015	81.206	183.032
480	166.610	203.296	302.785	142.155	85.468	82.254	196.737
540	178.071	217.457	322.811	149.569	90.464	83.218	210.033
600	189.240	231.315	341.969	156.307	95.004	84.100	222.921
660	200.115	244.870	360.259	162.370	99.088	84.897	235.401
720	210.698	258.123	377.680	167.755	102.715	85.612	247.473

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.001	0.000	0.000	0.000
30	0.000	0.000	0.001	0.001	0.000	0.001	0.000
40	0.000	0.000	0.001	0.001	0.000	0.001	0.001
50	0.000	0.001	0.001	0.001	0.000	0.001	0.001
60	0.001	0.001	0.001	0.001	0.001	0.001	0.001
120	0.001	0.001	0.002	0.001	0.001	0.001	0.001
180	0.001	0.001	0.002	0.002	0.001	0.001	0.001
240	0.001	0.002	0.002	0.002	0.001	0.001	0.002
300	0.001	0.002	0.003	0.002	0.001	0.001	0.002
360	0.002	0.002	0.003	0.002	0.001	0.001	0.002

420	0.002	0.002	0.003	0.002	0.001	0.001	0.002
480	0.002	0.002	0.003	0.002	0.001	0.001	0.002
540	0.002	0.002	0.004	0.002	0.001	0.001	0.002
600	0.002	0.002	0.004	0.002	0.001	0.001	0.002
660	0.002	0.003	0.004	0.003	0.001	0.001	0.003
720	0.002	0.003	0.004	0.003	0.001	0.001	0.003

Pollutant Name: PM10 Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.001	0.001	0.001	0.001	0.000	0.016	0.001
10	0.001	0.002	0.002	0.001	0.001	0.014	0.002
20	0.002	0.004	0.005	0.002	0.001	0.011	0.003
30	0.003	0.006	0.007	0.003	0.002	0.008	0.005
40	0.004	0.008	0.008	0.003	0.002	0.006	0.006
50	0.005	0.009	0.010	0.004	0.003	0.005	0.007
60	0.006	0.011	0.011	0.004	0.003	0.004	0.008
120	0.009	0.016	0.016	0.006	0.004	0.010	0.012
180	0.009	0.017	0.017	0.006	0.004	0.016	0.012
240	0.010	0.018	0.018	0.006	0.004	0.021	0.013
300	0.010	0.019	0.019	0.007	0.005	0.026	0.014
360	0.011	0.020	0.020	0.007	0.005	0.030	0.014
420	0.011	0.021	0.020	0.007	0.005	0.033	0.015
480	0.011	0.021	0.021	0.008	0.005	0.036	0.015
540	0.012	0.022	0.021	0.008	0.005	0.038	0.016
600	0.012	0.022	0.022	0.008	0.005	0.039	0.016
660	0.012	0.023	0.023	0.008	0.006	0.040	0.017
720	0.012	0.023	0.023	0.008	0.006	0.040	0.017

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Los Angeles (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 4: Hot Soak Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.056	0.051	0.037	0.015	0.037	0.144	0.050
10	0.104	0.094	0.069	0.027	0.068	0.266	0.092
20	0.177	0.161	0.120	0.046	0.117	0.457	0.159
30	0.229	0.208	0.156	0.059	0.150	0.591	0.205
40	0.248	0.226	0.171	0.065	0.162	0.642	0.223

Hot soak results are scaled to reflect zero emissions for trip lengths of less than 5 minutes (about 25% of in-use trips).

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Los Angeles (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual

Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 5a: Partial Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.112	0.102	0.085	0.007	0.002	0.236	0.106

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Los Angeles (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 5b: Multi-Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.009	0.008	0.007	0.000	0.001	0.019	0.009

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Los Angeles (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 6a: Partial Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.042	0.040	0.035	0.004	0.001	0.091	0.041

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Los Angeles (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual

Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 6b: Multi-Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.003	0.003	0.003	0.000	0.000	0.007	0.003

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Los Angeles (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 7: Estimated Travel Fractions

Pollutant Name: Temperature: ALL Relative Humidity: ALL

	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
%VMT	0.531	0.296	0.124	0.042	0.002	0.004	1.000
%TRIP	0.513	0.265	0.163	0.052	0.000	0.006	1.000
%VEH	0.557	0.287	0.113	0.021	0.001	0.021	1.000

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Los Angeles (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 8: Evaporative Running Loss Emissions (grams/minute)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
1	0.028	0.373	0.325	0.133	0.332	0.122	0.173
2	0.032	0.196	0.171	0.074	0.178	0.157	0.101
3	0.036	0.138	0.122	0.055	0.127	0.175	0.079
4	0.039	0.111	0.098	0.045	0.101	0.185	0.069
5	0.041	0.095	0.084	0.040	0.086	0.193	0.063
10	0.046	0.066	0.059	0.028	0.057	0.211	0.054
15	0.048	0.059	0.053	0.025	0.047	0.220	0.052
20	0.049	0.058	0.052	0.023	0.043	0.227	0.052
25	0.050	0.058	0.053	0.023	0.040	0.232	0.052
30	0.049	0.058	0.052	0.022	0.040	0.230	0.052
35	0.049	0.057	0.052	0.022	0.040	0.229	0.051
40	0.049	0.056	0.051	0.022	0.039	0.227	0.051
45	0.048	0.056	0.051	0.022	0.039	0.225	0.050
50	0.047	0.055	0.050	0.022	0.039	0.220	0.050

55	0.046	0.055	0.050	0.022	0.039	0.214	0.049
60	0.045	0.054	0.049	0.021	0.038	0.208	0.048

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Orange (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Orange (SC) Orange (SC) Orange (SC)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.084	0.090	0.141	0.678	0.904	2.424	0.126

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	2.654	3.144	3.485	6.298	7.517	23.386	3.162

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.275	0.440	0.834	10.890	14.764	1.392	0.730

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	341.899	423.880	575.794	1445.448	2219.407	124.670	433.141

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.003	0.004	0.006	0.014	0.021	0.002	0.004

Pollutant Name: PM10 Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.010	0.019	0.020	0.346	0.211	0.029	0.024

Pollutant Name: PM10 - Tire Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL

30	0.008	0.008	0.009	0.020	0.009	0.004	0.008

Pollutant Name: PM10 - Brake Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.013	0.013	0.013	0.018	0.013	0.006	0.013

Pollutant Name: Gasoline - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	25.624	20.627	15.150	14.888	14.184	52.353	22.636

Pollutant Name: Diesel - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	27.870	29.020	19.732	6.091	3.915	0.000	11.147

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Orange (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Orange (SC) Orange (SC) Orange (SC)

Table 2: Starting Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.102	0.090	0.186	0.551	0.332	1.507	0.146
10	0.163	0.150	0.330	0.760	0.497	1.566	0.229
20	0.277	0.262	0.599	1.151	0.803	1.711	0.383
30	0.382	0.365	0.842	1.510	1.079	1.891	0.524
40	0.476	0.458	1.058	1.835	1.325	2.106	0.651
50	0.560	0.541	1.247	2.126	1.542	2.357	0.765
60	0.629	0.612	1.406	2.350	1.713	2.498	0.858
120	0.785	0.781	1.613	2.303	1.714	2.237	1.014
180	0.705	0.706	1.593	2.454	1.824	2.374	0.959
240	0.747	0.749	1.686	2.602	1.931	2.552	1.016
300	0.788	0.790	1.777	2.745	2.034	2.729	1.072
360	0.828	0.831	1.865	2.885	2.135	2.905	1.127
420	0.868	0.871	1.952	3.021	2.233	3.081	1.180
480	0.906	0.910	2.036	3.154	2.328	3.255	1.232
540	0.944	0.948	2.118	3.282	2.420	3.428	1.283
600	0.980	0.985	2.198	3.407	2.509	3.600	1.333
660	1.016	1.022	2.275	3.528	2.594	3.771	1.382
720	1.051	1.058	2.350	3.646	2.677	3.940	1.429

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL

5	0.918	0.935	2.117	6.394	3.776	5.494	1.432
10	1.546	1.649	3.853	9.402	6.307	5.361	2.387
20	2.738	3.006	7.126	15.073	11.060	5.177	4.194
30	3.845	4.268	10.134	20.283	15.401	5.098	5.865
40	4.867	5.435	12.877	25.031	19.331	5.125	7.400
50	5.804	6.507	15.355	29.318	22.848	5.258	8.799
60	6.655	7.484	17.568	33.143	25.954	5.497	10.062
120	9.242	10.355	19.828	33.222	25.882	7.742	12.547
180	7.663	8.677	18.663	35.335	27.037	9.394	11.216
240	8.152	9.239	19.568	37.351	28.172	11.362	11.884
300	8.602	9.752	20.426	39.270	29.287	13.113	12.504
360	9.012	10.217	21.238	41.091	30.381	14.647	13.077
420	9.383	10.634	22.003	42.814	31.455	15.965	13.602
480	9.714	11.002	22.722	44.440	32.509	17.066	14.079
540	10.005	11.323	23.394	45.969	33.543	17.949	14.510
600	10.257	11.594	24.019	47.400	34.557	18.616	14.892
660	10.469	11.818	24.597	48.733	35.550	19.067	15.228
720	10.641	11.993	25.129	49.970	36.523	19.300	15.515

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.245	0.404	0.840	0.723	0.736	0.229	0.417
10	0.285	0.455	1.034	1.073	1.102	0.255	0.502
20	0.357	0.547	1.376	1.686	1.746	0.303	0.652
30	0.416	0.623	1.656	2.187	2.270	0.344	0.776
40	0.462	0.683	1.876	2.574	2.676	0.378	0.873
50	0.497	0.729	2.035	2.848	2.962	0.404	0.944
60	0.519	0.759	2.133	3.008	3.130	0.424	0.988
120	0.543	0.803	2.212	3.042	3.165	0.430	1.027
180	0.551	0.816	2.218	3.030	3.153	0.421	1.036
240	0.547	0.810	2.204	3.011	3.134	0.410	1.029
300	0.541	0.801	2.183	2.986	3.109	0.395	1.018
360	0.533	0.788	2.155	2.954	3.078	0.377	1.004
420	0.523	0.773	2.121	2.916	3.041	0.357	0.987
480	0.511	0.754	2.079	2.872	2.997	0.333	0.966
540	0.497	0.732	2.032	2.822	2.948	0.307	0.942
600	0.481	0.707	1.977	2.765	2.891	0.277	0.915
660	0.463	0.679	1.916	2.702	2.829	0.245	0.884
720	0.443	0.648	1.848	2.633	2.760	0.210	0.850

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	11.112	13.856	17.001	8.679	3.975	26.992	12.922
10	13.567	16.561	22.011	12.320	5.727	29.660	15.954
20	18.809	22.435	32.485	19.521	9.194	34.857	22.384
30	24.491	28.925	43.567	26.615	12.610	39.865	29.302
40	30.612	36.033	55.255	33.601	15.976	44.686	36.706
50	37.174	43.757	67.550	40.479	19.291	49.320	44.598
60	44.175	52.098	80.453	47.251	22.555	53.766	52.977
120	91.440	111.268	160.809	76.847	36.810	74.401	108.306
180	104.619	127.123	185.315	88.315	42.398	75.913	124.043
240	117.509	142.708	209.082	99.106	47.655	77.340	139.399
300	130.109	158.022	232.109	109.222	52.584	78.680	154.376
360	142.420	173.067	254.397	118.661	57.183	79.934	168.973
420	154.442	187.840	275.945	127.424	61.452	81.101	183.190
480	166.175	202.344	296.754	135.511	65.392	82.183	197.027
540	177.619	216.577	316.823	142.921	69.002	83.178	210.484
600	188.773	230.540	336.153	149.656	72.283	84.087	223.562
660	199.638	244.233	354.743	155.714	75.234	84.910	236.259
720	210.214	257.655	372.594	161.096	77.856	85.647	248.576

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000

30	0.000	0.000	0.001	0.001	0.000	0.001	0.000
40	0.000	0.000	0.001	0.001	0.000	0.001	0.000
50	0.000	0.001	0.001	0.001	0.001	0.001	0.001
60	0.001	0.001	0.001	0.001	0.001	0.001	0.001
120	0.001	0.001	0.002	0.001	0.001	0.001	0.001
180	0.001	0.001	0.002	0.001	0.001	0.001	0.001
240	0.001	0.002	0.002	0.002	0.001	0.001	0.002
300	0.001	0.002	0.003	0.002	0.001	0.001	0.002
360	0.002	0.002	0.003	0.002	0.001	0.001	0.002
420	0.002	0.002	0.003	0.002	0.001	0.001	0.002
480	0.002	0.002	0.003	0.002	0.001	0.001	0.002
540	0.002	0.002	0.003	0.002	0.001	0.001	0.002
600	0.002	0.002	0.004	0.002	0.001	0.001	0.002
660	0.002	0.003	0.004	0.002	0.001	0.001	0.003
720	0.002	0.003	0.004	0.002	0.001	0.001	0.003

Pollutant Name: PM10 Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.001	0.001	0.001	0.001	0.000	0.015	0.001
10	0.001	0.002	0.002	0.001	0.001	0.014	0.002
20	0.002	0.004	0.004	0.002	0.001	0.011	0.003
30	0.003	0.006	0.006	0.002	0.001	0.008	0.004
40	0.004	0.008	0.007	0.003	0.002	0.006	0.006
50	0.005	0.009	0.009	0.003	0.002	0.005	0.007
60	0.006	0.011	0.010	0.004	0.002	0.004	0.008
120	0.009	0.016	0.014	0.005	0.003	0.010	0.012
180	0.009	0.017	0.015	0.006	0.003	0.016	0.012
240	0.010	0.018	0.016	0.006	0.004	0.021	0.013
300	0.010	0.019	0.017	0.006	0.004	0.025	0.014
360	0.011	0.020	0.017	0.007	0.004	0.029	0.015
420	0.011	0.021	0.018	0.007	0.004	0.033	0.015
480	0.012	0.022	0.019	0.007	0.004	0.035	0.016
540	0.012	0.022	0.019	0.007	0.004	0.037	0.016
600	0.012	0.023	0.020	0.008	0.004	0.039	0.016
660	0.012	0.023	0.020	0.008	0.004	0.040	0.017
720	0.013	0.024	0.020	0.008	0.005	0.040	0.017

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Orange (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Orange (SC) Orange (SC) Orange (SC)

Table 4: Hot Soak Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.055	0.043	0.030	0.012	0.058	0.130	0.046
10	0.101	0.080	0.056	0.022	0.108	0.241	0.085
20	0.173	0.138	0.097	0.038	0.183	0.414	0.145
30	0.224	0.178	0.126	0.049	0.235	0.536	0.188
40	0.243	0.193	0.138	0.053	0.254	0.583	0.204

Hot soak results are scaled to reflect zero emissions for trip lengths of less than 5 minutes (about 25% of in-use trips).

Title   : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season   : Annual
Area   : Orange (SC)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Orange (SC) Orange (SC) Orange (SC)

Table 5a: Partial Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.109	0.087	0.067	0.007	0.003	0.227	0.098

Title   : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
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Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season   : Annual
Area   : Orange (SC)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Orange (SC) Orange (SC) Orange (SC)

Table 5b: Multi-Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.009	0.007	0.005	0.000	0.001	0.019	0.008

Title   : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season   : Annual
Area   : Orange (SC)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Orange (SC) Orange (SC) Orange (SC)

Table 6a: Partial Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.041	0.035	0.027	0.004	0.001	0.085	0.038

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Orange (SC)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Orange (SC) Orange (SC) Orange (SC)

Table 6b: Multi-Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.003	0.003	0.002	0.000	0.000	0.007	0.003

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Orange (SC)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Orange (SC) Orange (SC) Orange (SC)

Table 7: Estimated Travel Fractions

Pollutant Name: Temperature: ALL Relative Humidity: ALL

	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
%VMT	0.504	0.321	0.140	0.028	0.001	0.006	1.000
%TRIP	0.490	0.278	0.176	0.048	0.000	0.008	1.000
%VEH	0.531	0.299	0.122	0.020	0.000	0.028	1.000

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Orange (SC)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Orange (SC) Orange (SC) Orange (SC)

Table 8: Evaporative Running Loss Emissions (grams/minute)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
1	0.023	0.298	0.272	0.191	0.425	0.104	0.152
2	0.028	0.155	0.142	0.105	0.232	0.138	0.088
3	0.032	0.110	0.101	0.077	0.167	0.156	0.069
4	0.036	0.088	0.081	0.063	0.136	0.167	0.060
5	0.038	0.075	0.069	0.055	0.116	0.174	0.056

10	0.043	0.053	0.049	0.039	0.079	0.191	0.048
15	0.045	0.048	0.044	0.034	0.066	0.199	0.046
20	0.046	0.047	0.044	0.032	0.060	0.205	0.047
25	0.047	0.048	0.044	0.030	0.057	0.210	0.047
30	0.046	0.048	0.044	0.030	0.057	0.208	0.047
35	0.046	0.047	0.043	0.030	0.056	0.206	0.046
40	0.045	0.047	0.043	0.030	0.056	0.205	0.046
45	0.045	0.046	0.043	0.030	0.056	0.203	0.046
50	0.044	0.046	0.042	0.029	0.055	0.199	0.045
55	0.043	0.045	0.042	0.029	0.055	0.193	0.044
60	0.042	0.045	0.041	0.029	0.055	0.188	0.043

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SC) Riverside (SC) Riverside (SC)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.095	0.127	0.135	0.858	1.026	2.406	0.171

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	2.892	3.766	3.397	6.551	10.285	23.047	3.655

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.293	0.518	0.837	13.733	8.328	1.395	1.018

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	341.716	422.901	574.624	1597.068	1294.795	125.701	453.872

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.003	0.004	0.006	0.015	0.013	0.002	0.004

Pollutant Name: PM10 Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.012	0.023	0.022	0.462	0.094	0.029	0.036

Pollutant Name: PM10 - Tire Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.008	0.008	0.009	0.026	0.011	0.004	0.009

Pollutant Name: PM10 - Brake Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.013	0.013	0.013	0.022	0.013	0.006	0.013

Pollutant Name: Gasoline - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	25.616	20.577	15.155	14.914	14.946	52.217	22.533

Pollutant Name: Diesel - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	28.072	29.069	19.941	5.686	3.680	0.000	11.790

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SC) Riverside (SC) Riverside (SC)

Table 2: Starting Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.110	0.114	0.160	0.635	0.586	1.440	0.164
10	0.171	0.179	0.278	0.825	0.985	1.504	0.245
20	0.286	0.301	0.499	1.186	1.722	1.655	0.396
30	0.391	0.413	0.699	1.521	2.380	1.838	0.535
40	0.487	0.515	0.879	1.830	2.958	2.054	0.662
50	0.572	0.607	1.038	2.112	3.456	2.302	0.776
60	0.644	0.684	1.173	2.324	3.858	2.443	0.870
120	0.808	0.855	1.404	2.248	3.892	2.195	1.034
180	0.725	0.780	1.365	2.399	4.135	2.322	0.976
240	0.769	0.827	1.446	2.546	4.370	2.495	1.036
300	0.812	0.873	1.525	2.691	4.599	2.667	1.094
360	0.854	0.918	1.602	2.831	4.820	2.837	1.150
420	0.895	0.962	1.678	2.969	5.035	3.007	1.206
480	0.935	1.006	1.752	3.103	5.242	3.176	1.260
540	0.974	1.048	1.824	3.233	5.441	3.343	1.314
600	1.012	1.090	1.895	3.360	5.634	3.510	1.366
660	1.050	1.131	1.964	3.484	5.819	3.675	1.416

720	1.086	1.171	2.031	3.604	5.998	3.839	1.466

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.994	1.140	1.826	7.092	6.739	5.356	1.555
10	1.645	1.926	3.267	9.735	12.068	5.266	2.495
20	2.884	3.420	5.992	14.735	22.063	5.158	4.280
30	4.038	4.811	8.508	19.351	31.173	5.146	5.935
40	5.106	6.098	10.815	23.584	39.397	5.230	7.463
50	6.088	7.282	12.911	27.433	46.736	5.410	8.862
60	6.985	8.362	14.799	30.899	53.190	5.687	10.133
120	9.839	11.512	17.589	31.255	52.389	7.895	12.936
180	8.156	9.730	16.179	33.688	54.336	9.428	11.517
240	8.708	10.381	17.072	35.980	56.285	11.342	12.269
300	9.211	10.975	17.905	38.129	58.239	13.047	12.961
360	9.668	11.513	18.677	40.136	60.195	14.543	13.594
420	10.077	11.994	19.388	42.001	62.155	15.828	14.168
480	10.438	12.420	20.039	43.724	64.119	16.905	14.683
540	10.752	12.789	20.629	45.304	66.086	17.772	15.138
600	11.019	13.103	21.159	46.743	68.057	18.429	15.533
660	11.238	13.360	21.628	48.039	70.031	18.877	15.869
720	11.409	13.560	22.037	49.193	72.008	19.115	16.146

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.276	0.431	0.843	0.711	1.618	0.228	0.461
10	0.316	0.486	0.991	1.049	2.431	0.255	0.542
20	0.389	0.585	1.253	1.642	3.859	0.304	0.686
30	0.449	0.667	1.469	2.125	5.023	0.345	0.806
40	0.497	0.733	1.640	2.500	5.923	0.379	0.900
50	0.532	0.782	1.765	2.764	6.558	0.406	0.968
60	0.555	0.814	1.844	2.920	6.929	0.426	1.012
120	0.583	0.861	1.931	2.953	7.006	0.432	1.058
180	0.593	0.875	1.939	2.941	6.980	0.424	1.067
240	0.588	0.868	1.926	2.922	6.940	0.412	1.059
300	0.581	0.858	1.906	2.896	6.886	0.397	1.048
360	0.572	0.845	1.880	2.865	6.819	0.380	1.033
420	0.561	0.828	1.847	2.827	6.737	0.359	1.014
480	0.548	0.807	1.807	2.783	6.642	0.336	0.991
540	0.532	0.784	1.761	2.733	6.534	0.310	0.965
600	0.514	0.757	1.708	2.676	6.411	0.281	0.935
660	0.494	0.726	1.649	2.613	6.275	0.249	0.902
720	0.472	0.692	1.583	2.544	6.125	0.214	0.864

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	11.367	13.921	17.817	9.893	8.727	26.823	13.630
10	13.783	16.682	22.279	13.304	15.117	29.502	16.631
20	18.954	22.643	31.734	20.045	27.780	34.721	23.015
30	24.575	29.189	41.895	26.675	40.289	39.754	29.908
40	30.645	36.320	52.763	33.196	52.644	44.599	37.310
50	37.165	44.037	64.336	39.606	64.844	49.257	45.222
60	44.134	52.339	76.616	45.906	76.890	53.729	53.642
120	91.596	110.422	157.226	73.547	129.163	74.464	109.959
180	104.674	126.070	180.557	83.704	151.461	76.077	125.671
240	117.479	141.434	203.303	93.262	172.443	77.598	141.027
300	130.010	156.512	225.465	102.222	192.110	79.027	156.028
360	142.266	171.305	247.041	110.583	210.461	80.363	170.673
420	154.249	185.812	268.033	118.345	227.495	81.607	184.962
480	165.958	200.034	288.439	125.509	243.215	82.759	198.895
540	177.394	213.971	308.261	132.074	257.618	83.819	212.473
600	188.555	227.622	327.498	138.040	270.706	84.787	225.695
660	199.443	240.988	346.150	143.408	282.477	85.663	238.561
720	210.056	254.069	364.216	148.176	292.933	86.447	251.072

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.001	0.000	0.000
30	0.000	0.000	0.001	0.001	0.001	0.001	0.000
40	0.000	0.000	0.001	0.001	0.001	0.001	0.000
50	0.000	0.001	0.001	0.001	0.001	0.001	0.001
60	0.001	0.001	0.001	0.001	0.002	0.001	0.001
120	0.001	0.001	0.002	0.001	0.002	0.001	0.001
180	0.001	0.001	0.002	0.001	0.002	0.001	0.001
240	0.001	0.002	0.002	0.002	0.003	0.001	0.002
300	0.001	0.002	0.002	0.002	0.003	0.001	0.002
360	0.002	0.002	0.003	0.002	0.003	0.001	0.002
420	0.002	0.002	0.003	0.002	0.003	0.001	0.002
480	0.002	0.002	0.003	0.002	0.003	0.001	0.002
540	0.002	0.002	0.003	0.002	0.004	0.001	0.002
600	0.002	0.002	0.004	0.002	0.004	0.001	0.002
660	0.002	0.003	0.004	0.002	0.004	0.001	0.003
720	0.002	0.003	0.004	0.002	0.004	0.001	0.003

Pollutant Name: PM10 Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.001	0.001	0.001	0.001	0.001	0.015	0.001
10	0.002	0.003	0.002	0.001	0.002	0.013	0.002
20	0.003	0.005	0.004	0.002	0.004	0.010	0.004
30	0.004	0.007	0.005	0.002	0.005	0.008	0.005
40	0.005	0.009	0.007	0.003	0.007	0.006	0.007
50	0.006	0.011	0.008	0.003	0.008	0.005	0.008
60	0.007	0.013	0.010	0.004	0.009	0.004	0.009
120	0.011	0.020	0.014	0.005	0.013	0.010	0.014
180	0.012	0.021	0.015	0.005	0.013	0.016	0.015
240	0.012	0.023	0.016	0.006	0.013	0.021	0.016
300	0.013	0.024	0.016	0.006	0.014	0.025	0.017
360	0.014	0.025	0.017	0.006	0.014	0.029	0.018
420	0.014	0.026	0.018	0.006	0.015	0.032	0.018
480	0.015	0.027	0.018	0.007	0.015	0.035	0.019
540	0.015	0.027	0.019	0.007	0.016	0.037	0.019
600	0.016	0.028	0.019	0.007	0.016	0.038	0.020
660	0.016	0.029	0.020	0.007	0.017	0.039	0.020
720	0.016	0.029	0.020	0.008	0.017	0.039	0.021

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SC) Riverside (SC) Riverside (SC)

Table 4: Hot Soak Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.047	0.044	0.026	0.013	0.070	0.093	0.041
10	0.088	0.082	0.049	0.024	0.130	0.172	0.076
20	0.150	0.140	0.084	0.041	0.222	0.297	0.130
30	0.194	0.182	0.110	0.052	0.285	0.387	0.169
40	0.211	0.198	0.120	0.057	0.308	0.422	0.184

Hot soak results are scaled to reflect zero emissions for trip lengths of less than 5 minutes (about 25% of in-use trips).

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Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SC)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SC) Riverside (SC) Riverside (SC)

Table 5a: Partial Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.099	0.091	0.061	0.008	0.004	0.197	0.093

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SC)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SC) Riverside (SC) Riverside (SC)

Table 5b: Multi-Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.008	0.007	0.005	0.000	0.001	0.017	0.007

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SC)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SC) Riverside (SC) Riverside (SC)

Table 6a: Partial Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp

degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.039	0.038	0.025	0.004	0.002	0.069	0.037

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SC) Riverside (SC) Riverside (SC)

Table 6b: Multi-Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.003	0.003	0.002	0.000	0.001	0.006	0.003

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SC) Riverside (SC) Riverside (SC)

Table 7: Estimated Travel Fractions

Pollutant Name: Temperature: ALL Relative Humidity: ALL

	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
%VMT	0.457	0.337	0.152	0.041	0.001	0.012	1.000
%TRIP	0.435	0.293	0.212	0.046	0.000	0.014	1.000
%VEH	0.465	0.314	0.143	0.031	0.000	0.047	1.000

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SC) Riverside (SC) Riverside (SC)

Table 8: Evaporative Running Loss Emissions (grams/minute)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
1	0.028	0.268	0.222	0.181	0.470	0.062	0.145
2	0.030	0.142	0.116	0.099	0.254	0.097	0.085
3	0.033	0.101	0.083	0.072	0.184	0.115	0.066
4	0.036	0.082	0.067	0.059	0.150	0.125	0.058
5	0.038	0.071	0.057	0.051	0.130	0.131	0.054
10	0.041	0.052	0.041	0.035	0.092	0.146	0.046
15	0.042	0.048	0.037	0.031	0.081	0.152	0.044
20	0.043	0.047	0.037	0.028	0.078	0.156	0.044
25	0.043	0.049	0.038	0.027	0.076	0.159	0.045
30	0.042	0.048	0.038	0.027	0.076	0.157	0.044
35	0.042	0.047	0.037	0.027	0.075	0.156	0.044
40	0.042	0.047	0.037	0.027	0.074	0.154	0.044
45	0.041	0.046	0.037	0.026	0.074	0.153	0.043
50	0.041	0.046	0.036	0.026	0.073	0.150	0.042
55	0.040	0.045	0.036	0.026	0.072	0.146	0.042
60	0.039	0.045	0.036	0.026	0.071	0.143	0.041

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : San Bernardino (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

San Bernardino (SC) San Bernardino (SC) San Bernardino (SC)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.102	0.129	0.161	0.881	0.637	2.412	0.176

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	2.911	3.709	3.623	6.571	5.870	23.146	3.606

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.299	0.509	0.919	13.812	8.363	1.394	1.177

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	342.652	423.348	574.684	1612.894	1348.071	125.419	468.686

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL

30	0.003	0.004	0.006	0.015	0.013	0.002	0.005

Pollutant Name: PM10 Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.010	0.020	0.019	0.487	0.109	0.029	0.040

Pollutant Name: PM10 - Tire Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.008	0.008	0.009	0.025	0.011	0.004	0.009

Pollutant Name: PM10 - Brake Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.013	0.013	0.013	0.021	0.013	0.006	0.013

Pollutant Name: Gasoline - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	25.549	20.589	15.147	14.857	15.234	52.251	22.460

Pollutant Name: Diesel - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	27.842	29.030	19.591	5.767	3.619	0.000	9.951

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : San Bernardino (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

San Bernardino (SC) San Bernardino (SC) San Bernardino (SC)

Table 2: Starting Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.112	0.117	0.199	0.595	0.355	1.457	0.173
10	0.176	0.184	0.343	0.752	0.693	1.519	0.260
20	0.294	0.310	0.611	1.052	1.313	1.667	0.422
30	0.403	0.425	0.853	1.333	1.861	1.849	0.571
40	0.501	0.529	1.070	1.594	2.337	2.064	0.706
50	0.588	0.623	1.260	1.836	2.741	2.312	0.827
60	0.660	0.700	1.419	2.016	3.073	2.453	0.925
120	0.818	0.861	1.626	1.934	3.153	2.201	1.076

180	0.736	0.788	1.605	2.066	3.345	2.331	1.024
240	0.780	0.835	1.699	2.195	3.532	2.505	1.085
300	0.823	0.882	1.791	2.321	3.712	2.678	1.146
360	0.865	0.927	1.881	2.444	3.886	2.850	1.204
420	0.906	0.972	1.969	2.564	4.054	3.021	1.262
480	0.946	1.015	2.054	2.682	4.216	3.191	1.318
540	0.986	1.058	2.137	2.797	4.372	3.360	1.373
600	1.024	1.099	2.218	2.909	4.522	3.527	1.427
660	1.061	1.140	2.297	3.018	4.666	3.694	1.479
720	1.098	1.179	2.374	3.124	4.803	3.859	1.530

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.993	1.138	2.198	6.814	4.172	5.395	1.662
10	1.636	1.910	3.888	8.981	8.174	5.291	2.639
20	2.858	3.376	7.077	13.089	15.670	5.156	4.490
30	3.992	4.737	10.010	16.899	22.488	5.120	6.203
40	5.040	5.994	12.689	20.409	28.628	5.184	7.780
50	6.001	7.145	15.112	23.619	34.089	5.348	9.219
60	6.875	8.193	17.280	26.530	38.873	5.611	10.521
120	9.542	11.080	19.620	27.088	38.253	7.827	13.056
180	7.933	9.416	18.465	29.477	39.372	9.400	11.788
240	8.448	10.021	19.404	31.711	40.527	11.330	12.529
300	8.922	10.577	20.290	33.789	41.719	13.048	13.216
360	9.354	11.084	21.125	35.713	42.948	14.554	13.849
420	9.744	11.541	21.907	37.483	44.213	15.849	14.427
480	10.092	11.950	22.637	39.097	45.516	16.932	14.952
540	10.399	12.309	23.315	40.556	46.855	17.803	15.422
600	10.663	12.618	23.941	41.860	48.232	18.463	15.838
660	10.886	12.879	24.515	43.010	49.645	18.911	16.199
720	11.067	13.090	25.037	44.004	51.095	19.147	16.507

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.251	0.390	0.844	0.592	1.390	0.229	0.432
10	0.293	0.448	1.032	0.869	2.094	0.256	0.523
20	0.367	0.550	1.364	1.354	3.331	0.304	0.682
30	0.428	0.635	1.637	1.750	4.339	0.345	0.813
40	0.477	0.702	1.850	2.057	5.117	0.379	0.915
50	0.513	0.752	2.005	2.274	5.667	0.406	0.990
60	0.536	0.784	2.101	2.402	5.988	0.426	1.037
120	0.560	0.825	2.181	2.429	6.055	0.432	1.077
180	0.569	0.838	2.187	2.418	6.032	0.423	1.085
240	0.564	0.832	2.173	2.402	5.998	0.412	1.078
300	0.558	0.822	2.151	2.381	5.953	0.397	1.066
360	0.550	0.810	2.124	2.354	5.895	0.379	1.052
420	0.539	0.794	2.089	2.322	5.826	0.359	1.033
480	0.527	0.775	2.048	2.285	5.745	0.335	1.012
540	0.512	0.753	2.000	2.242	5.652	0.309	0.986
600	0.495	0.728	1.945	2.195	5.548	0.280	0.958
660	0.477	0.700	1.884	2.141	5.432	0.248	0.925
720	0.456	0.669	1.816	2.083	5.304	0.213	0.890

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	11.257	13.920	17.360	9.330	6.187	26.930	13.319
10	13.759	16.777	22.297	12.416	12.340	29.609	16.461
20	19.086	22.919	32.629	18.513	24.543	34.828	23.100
30	24.843	29.632	43.572	24.508	36.609	39.860	30.209
40	31.032	36.916	55.127	30.401	48.538	44.704	37.790
50	37.652	44.770	67.293	36.193	60.330	49.361	45.840
60	44.703	53.195	80.070	41.883	71.985	53.830	54.362
120	91.968	111.406	160.060	66.870	122.434	74.562	109.943
180	105.182	127.262	184.225	75.932	144.646	76.140	125.816
240	118.098	142.808	207.675	84.460	165.548	77.628	141.290
300	130.716	158.045	230.411	92.454	185.138	79.026	156.365

360	143.037	172.972	252.431	99.913	203.417	80.334	171.041
420	155.059	187.591	273.737	106.839	220.386	81.551	185.317
480	166.784	201.899	294.328	113.231	236.043	82.679	199.194
540	178.211	215.899	314.204	119.088	250.389	83.717	212.672
600	189.340	229.589	333.366	124.411	263.425	84.664	225.751
660	200.171	242.970	351.812	129.201	275.149	85.521	238.430
720	210.705	256.041	369.544	133.456	285.562	86.289	250.710

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.001	0.000	0.000
30	0.000	0.000	0.001	0.001	0.001	0.001	0.000
40	0.000	0.000	0.001	0.001	0.001	0.001	0.001
50	0.000	0.001	0.001	0.001	0.001	0.001	0.001
60	0.001	0.001	0.001	0.001	0.001	0.001	0.001
120	0.001	0.001	0.002	0.001	0.002	0.001	0.001
180	0.001	0.001	0.002	0.001	0.002	0.001	0.001
240	0.001	0.002	0.002	0.001	0.002	0.001	0.002
300	0.001	0.002	0.003	0.001	0.003	0.001	0.002
360	0.002	0.002	0.003	0.002	0.003	0.001	0.002
420	0.002	0.002	0.003	0.002	0.003	0.001	0.002
480	0.002	0.002	0.003	0.002	0.003	0.001	0.002
540	0.002	0.002	0.003	0.002	0.003	0.001	0.002
600	0.002	0.002	0.004	0.002	0.003	0.001	0.002
660	0.002	0.003	0.004	0.002	0.004	0.001	0.003
720	0.002	0.003	0.004	0.002	0.004	0.001	0.003

Pollutant Name: PM10 Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.001	0.001	0.001	0.001	0.001	0.015	0.001
10	0.001	0.002	0.002	0.001	0.002	0.013	0.002
20	0.003	0.005	0.004	0.001	0.004	0.010	0.003
30	0.004	0.006	0.005	0.002	0.006	0.008	0.005
40	0.005	0.008	0.007	0.002	0.007	0.006	0.006
50	0.006	0.010	0.008	0.003	0.009	0.005	0.007
60	0.006	0.011	0.009	0.003	0.010	0.004	0.008
120	0.009	0.017	0.013	0.004	0.014	0.010	0.012
180	0.010	0.018	0.014	0.005	0.014	0.016	0.013
240	0.011	0.019	0.015	0.005	0.014	0.021	0.014
300	0.011	0.020	0.016	0.005	0.015	0.025	0.014
360	0.012	0.021	0.016	0.005	0.015	0.029	0.015
420	0.012	0.022	0.017	0.005	0.016	0.032	0.016
480	0.012	0.023	0.017	0.006	0.016	0.035	0.016
540	0.013	0.023	0.018	0.006	0.017	0.037	0.017
600	0.013	0.024	0.018	0.006	0.017	0.038	0.017
660	0.013	0.024	0.019	0.006	0.018	0.039	0.017
720	0.014	0.025	0.019	0.006	0.018	0.039	0.018

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : San Bernardino (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

San Bernardino (SC) San Bernardino (SC) San Bernardino (SC)

Table 4: Hot Soak Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.055	0.052	0.031	0.012	0.063	0.104	0.048
10	0.103	0.097	0.058	0.022	0.117	0.193	0.088
20	0.176	0.167	0.100	0.038	0.200	0.332	0.151
30	0.227	0.215	0.130	0.050	0.257	0.432	0.195
40	0.246	0.234	0.141	0.054	0.278	0.471	0.212

Hot soak results are scaled to reflect zero emissions for trip lengths of less than 5 minutes (about 25% of in-use trips).

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : San Bernardino (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

San Bernardino (SC) San Bernardino (SC) San Bernardino (SC)

Table 5a: Partial Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.112	0.105	0.075	0.007	0.003	0.205	0.105

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : San Bernardino (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

San Bernardino (SC) San Bernardino (SC) San Bernardino (SC)

Table 5b: Multi-Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.009	0.008	0.006	0.000	0.001	0.018	0.008

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : San Bernardino (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual

Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

San Bernardino (SC) San Bernardino (SC) San Bernardino (SC)

Table 6a: Partial Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.043	0.042	0.031	0.004	0.002	0.074	0.041

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : San Bernardino (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

San Bernardino (SC) San Bernardino (SC) San Bernardino (SC)

Table 6b: Multi-Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.003	0.003	0.002	0.000	0.000	0.006	0.003

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : San Bernardino (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

San Bernardino (SC) San Bernardino (SC) San Bernardino (SC)

Table 7: Estimated Travel Fractions

Pollutant Name: Temperature: ALL Relative Humidity: ALL

	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
%VMT	0.474	0.315	0.151	0.052	0.001	0.007	1.000
%TRIP	0.445	0.280	0.208	0.057	0.000	0.010	1.000
%VEH	0.487	0.306	0.143	0.029	0.000	0.035	1.000

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : San Bernardino (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

San Bernardino (SC) San Bernardino (SC) San Bernardino (SC)

Table 8: Evaporative Running Loss Emissions (grams/minute)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
1	0.029	0.356	0.288	0.145	0.401	0.075	0.178
2	0.033	0.187	0.151	0.080	0.216	0.110	0.102
3	0.037	0.133	0.107	0.058	0.156	0.127	0.079
4	0.040	0.107	0.086	0.047	0.127	0.137	0.069
5	0.042	0.092	0.074	0.041	0.110	0.144	0.063
10	0.047	0.064	0.051	0.029	0.077	0.160	0.053
15	0.048	0.058	0.046	0.025	0.067	0.167	0.051
20	0.049	0.057	0.046	0.023	0.063	0.171	0.050
25	0.049	0.058	0.047	0.022	0.061	0.174	0.051
30	0.049	0.057	0.046	0.022	0.061	0.173	0.051
35	0.048	0.056	0.046	0.022	0.060	0.171	0.050
40	0.048	0.056	0.045	0.022	0.060	0.170	0.050
45	0.048	0.055	0.045	0.022	0.059	0.168	0.049
50	0.047	0.055	0.044	0.022	0.059	0.165	0.048
55	0.046	0.054	0.044	0.021	0.059	0.160	0.047
60	0.044	0.053	0.043	0.021	0.058	0.157	0.047

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SS)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SS) Riverside (SS) Riverside (SS)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.076	0.109	0.132	1.077	1.914	2.395	0.249

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	2.463	3.384	3.267	6.377	26.218	22.794	3.528

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.253	0.465	0.797	17.467	17.832	1.393	2.785

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL

30	341.160	423.419	575.430	1821.671	1698.191	126.446	598.452

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.003	0.004	0.006	0.017	0.017	0.002	0.006

Pollutant Name: PM10 Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.009	0.019	0.018	0.618	0.153	0.029	0.098

Pollutant Name: PM10 - Tire Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.008	0.008	0.009	0.033	0.010	0.004	0.011

Pollutant Name: PM10 - Brake Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.013	0.013	0.013	0.026	0.013	0.006	0.014

Pollutant Name: Gasoline - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	25.701	20.609	15.161	14.794	13.739	52.120	22.708

Pollutant Name: Diesel - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	27.922	29.043	19.662	5.366	3.384	0.000	6.839

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SS)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SS) Riverside (SS) Riverside (SS)

Table 2: Starting Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL

5	0.091	0.101	0.176	0.615	1.406	1.421	0.153
10	0.146	0.162	0.297	0.791	1.985	1.486	0.229
20	0.250	0.277	0.523	1.126	3.071	1.639	0.373
30	0.344	0.382	0.729	1.438	4.059	1.822	0.505
40	0.429	0.477	0.913	1.726	4.950	2.038	0.625
50	0.505	0.563	1.077	1.991	5.743	2.284	0.733
60	0.569	0.634	1.215	2.189	6.359	2.425	0.821
120	0.718	0.795	1.420	2.107	6.378	2.187	0.966
180	0.643	0.724	1.386	2.249	6.793	2.309	0.915
240	0.681	0.767	1.468	2.388	7.197	2.481	0.970
300	0.719	0.810	1.548	2.524	7.590	2.651	1.024
360	0.756	0.852	1.627	2.657	7.973	2.821	1.077
420	0.792	0.893	1.703	2.787	8.345	2.989	1.129
480	0.827	0.933	1.778	2.913	8.706	3.156	1.179
540	0.862	0.972	1.851	3.036	9.057	3.322	1.229
600	0.895	1.010	1.923	3.157	9.397	3.487	1.277
660	0.928	1.048	1.993	3.274	9.727	3.651	1.324
720	0.960	1.084	2.060	3.388	10.046	3.814	1.371

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.831	1.010	1.950	7.120	15.700	5.304	1.513
10	1.406	1.729	3.412	9.608	25.314	5.224	2.403
20	2.497	3.096	6.174	14.318	43.385	5.134	4.091
30	3.512	4.367	8.720	18.674	59.910	5.137	5.656
40	4.451	5.542	11.050	22.675	74.891	5.234	7.098
50	5.313	6.621	13.165	26.323	88.328	5.424	8.416
60	6.099	7.603	15.065	29.615	100.221	5.708	9.612
120	8.548	10.416	17.479	30.064	101.288	7.948	12.028
180	7.075	8.794	16.242	32.530	106.239	9.418	10.826
240	7.540	9.367	17.125	34.845	111.063	11.314	11.524
300	7.966	9.891	17.951	37.009	115.758	13.002	12.168
360	8.352	10.367	18.721	39.022	120.326	14.483	12.759
420	8.699	10.794	19.435	40.884	124.765	15.758	13.297
480	9.006	11.173	20.093	42.596	129.076	16.825	13.782
540	9.275	11.504	20.695	44.156	133.259	17.685	14.214
600	9.504	11.786	21.241	45.565	137.315	18.339	14.592
660	9.693	12.020	21.730	46.824	141.242	18.785	14.918
720	9.844	12.206	22.164	47.931	145.041	19.024	15.190

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.237	0.384	0.777	0.660	2.976	0.228	0.402
10	0.273	0.436	0.928	0.971	4.452	0.255	0.481
20	0.336	0.528	1.194	1.518	7.045	0.304	0.619
30	0.389	0.604	1.414	1.964	9.158	0.346	0.733
40	0.431	0.664	1.587	2.309	10.792	0.381	0.823
50	0.462	0.710	1.713	2.554	11.947	0.408	0.889
60	0.482	0.739	1.792	2.697	12.622	0.427	0.930
120	0.506	0.781	1.870	2.728	12.762	0.433	0.969
180	0.514	0.793	1.877	2.716	12.713	0.425	0.977
240	0.511	0.787	1.864	2.698	12.638	0.413	0.970
300	0.505	0.778	1.846	2.675	12.537	0.399	0.959
360	0.497	0.766	1.821	2.645	12.411	0.381	0.946
420	0.487	0.751	1.790	2.610	12.260	0.361	0.929
480	0.476	0.733	1.753	2.569	12.083	0.338	0.909
540	0.463	0.712	1.709	2.522	11.880	0.311	0.886
600	0.447	0.688	1.660	2.469	11.652	0.282	0.860
660	0.430	0.661	1.604	2.410	11.399	0.250	0.830
720	0.411	0.630	1.543	2.346	11.120	0.216	0.797

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	11.247	13.909	18.045	9.226	16.477	26.734	13.223
10	13.583	16.657	22.626	12.250	21.877	29.415	16.128

20	18.606	22.601	32.304	18.222	32.542	34.639	22.316
30	24.097	29.144	42.669	24.094	43.029	39.676	29.006
40	30.054	36.285	53.721	29.867	53.337	44.526	36.199
50	36.479	44.024	65.461	35.539	63.467	49.190	43.895
60	43.370	52.361	77.887	41.111	73.418	53.668	52.093
120	90.964	110.975	158.659	65.585	117.126	74.425	107.112
180	103.972	126.744	182.172	74.434	132.928	76.075	122.444
240	116.724	142.232	205.074	82.761	147.799	77.632	137.434
300	129.220	157.438	227.367	90.567	161.739	79.093	152.080
360	141.460	172.363	249.050	97.851	174.747	80.461	166.385
420	153.445	187.007	270.124	104.614	186.824	81.734	180.346
480	165.174	201.370	290.587	110.855	197.970	82.913	193.965
540	176.647	215.452	310.440	116.575	208.185	83.997	207.241
600	187.864	229.253	329.684	121.773	217.468	84.987	220.174
660	198.826	242.772	348.318	126.450	225.820	85.882	232.765
720	209.532	256.010	366.341	130.605	233.241	86.684	245.013

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.001	0.000	0.000
20	0.000	0.000	0.000	0.000	0.001	0.000	0.000
30	0.000	0.000	0.001	0.001	0.001	0.001	0.000
40	0.000	0.000	0.001	0.001	0.002	0.001	0.000
50	0.000	0.001	0.001	0.001	0.002	0.001	0.001
60	0.001	0.001	0.001	0.001	0.002	0.001	0.001
120	0.001	0.001	0.002	0.001	0.003	0.001	0.001
180	0.001	0.001	0.002	0.001	0.003	0.001	0.001
240	0.001	0.002	0.002	0.001	0.003	0.001	0.002
300	0.001	0.002	0.003	0.002	0.004	0.001	0.002
360	0.002	0.002	0.003	0.002	0.004	0.001	0.002
420	0.002	0.002	0.003	0.002	0.004	0.001	0.002
480	0.002	0.002	0.003	0.002	0.004	0.001	0.002
540	0.002	0.002	0.003	0.002	0.004	0.001	0.002
600	0.002	0.002	0.004	0.002	0.004	0.001	0.002
660	0.002	0.003	0.004	0.002	0.005	0.001	0.002
720	0.002	0.003	0.004	0.002	0.005	0.001	0.003

Pollutant Name: PM10 Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.001	0.001	0.001	0.001	0.002	0.015	0.001
10	0.001	0.002	0.002	0.001	0.002	0.013	0.002
20	0.002	0.004	0.003	0.002	0.003	0.010	0.003
30	0.003	0.006	0.005	0.002	0.004	0.008	0.004
40	0.004	0.008	0.006	0.003	0.005	0.006	0.005
50	0.005	0.009	0.007	0.003	0.006	0.005	0.006
60	0.005	0.010	0.008	0.004	0.007	0.004	0.007
120	0.008	0.015	0.012	0.005	0.010	0.010	0.011
180	0.009	0.017	0.013	0.005	0.010	0.016	0.011
240	0.009	0.018	0.014	0.006	0.011	0.020	0.012
300	0.010	0.019	0.014	0.006	0.011	0.025	0.013
360	0.010	0.019	0.015	0.006	0.012	0.029	0.013
420	0.011	0.020	0.016	0.006	0.012	0.032	0.014
480	0.011	0.021	0.016	0.007	0.013	0.034	0.014
540	0.011	0.021	0.017	0.007	0.013	0.036	0.015
600	0.011	0.022	0.017	0.007	0.014	0.038	0.015
660	0.012	0.022	0.017	0.007	0.014	0.039	0.016
720	0.012	0.023	0.018	0.007	0.014	0.039	0.016

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SS)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SS) Riverside (SS) Riverside (SS)

Table 4: Hot Soak Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.049	0.048	0.031	0.012	0.156	0.090	0.044
10	0.091	0.088	0.058	0.023	0.287	0.167	0.081
20	0.156	0.152	0.100	0.039	0.489	0.289	0.139
30	0.202	0.196	0.130	0.051	0.626	0.377	0.179
40	0.219	0.213	0.141	0.055	0.676	0.411	0.194

Hot soak results are scaled to reflect zero emissions for trip lengths of less than 5 minutes (about 25% of in-use trips).

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Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SS)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SS) Riverside (SS) Riverside (SS)

Table 5a: Partial Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.098	0.095	0.068	0.003	0.008	0.196	0.092

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SS)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SS) Riverside (SS) Riverside (SS)

Table 5b: Multi-Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.008	0.008	0.005	0.000	0.003	0.017	0.007

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SS)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SS) Riverside (SS) Riverside (SS)

Table 6a: Partial Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.037	0.038	0.028	0.002	0.004	0.069	0.035

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SS)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SS) Riverside (SS) Riverside (SS)

Table 6b: Multi-Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.003	0.003	0.002	0.000	0.001	0.006	0.003

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SS)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SS) Riverside (SS) Riverside (SS)

Table 7: Estimated Travel Fractions

Pollutant Name: Temperature: ALL Relative Humidity: ALL

	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
%VMT	0.448	0.278	0.128	0.138	0.001	0.007	1.000
%TRIP	0.474	0.272	0.183	0.062	0.000	0.008	1.000
%VEH	0.504	0.289	0.131	0.047	0.000	0.028	1.000

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SS)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SS) Riverside (SS) Riverside (SS)

Table 8: Evaporative Running Loss Emissions (grams/minute)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
1	0.021	0.322	0.260	0.040	0.941	0.057	0.139
2	0.025	0.169	0.136	0.022	0.496	0.093	0.080
3	0.029	0.119	0.097	0.016	0.350	0.110	0.062
4	0.032	0.096	0.078	0.013	0.279	0.120	0.054
5	0.034	0.082	0.067	0.012	0.237	0.127	0.050
10	0.039	0.058	0.047	0.008	0.157	0.142	0.042
15	0.041	0.053	0.043	0.007	0.135	0.149	0.041
20	0.042	0.052	0.042	0.007	0.127	0.153	0.041
25	0.043	0.053	0.043	0.007	0.125	0.156	0.042
30	0.042	0.053	0.043	0.007	0.124	0.155	0.041
35	0.042	0.052	0.042	0.007	0.123	0.154	0.041
40	0.042	0.052	0.042	0.007	0.122	0.153	0.041
45	0.042	0.051	0.042	0.007	0.121	0.152	0.040
50	0.041	0.051	0.041	0.007	0.121	0.149	0.040
55	0.040	0.050	0.041	0.006	0.120	0.146	0.039
60	0.039	0.050	0.041	0.006	0.119	0.143	0.039

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (MD/SCAQMD)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (MD/SCAQMD) Riverside (MD/SCAQMD) Riverside (MD/SCAQMD)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.194	0.406	0.275	1.074	0.000	2.409	1.026

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	4.239	8.205	5.049	5.675	0.000	22.991	5.743

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL

30	0.493	1.111	1.861	18.531	0.000	1.392	17.359

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	345.383	421.689	571.222	1917.678	0.000	125.899	1817.064

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.003	0.004	0.006	0.018	0.000	0.002	0.017

Pollutant Name: PM10 Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.012	0.024	0.027	0.640	0.000	0.029	0.598

Pollutant Name: PM10 - Tire Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.008	0.008	0.010	0.036	0.000	0.004	0.034

Pollutant Name: PM10 - Brake Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.013	0.013	0.013	0.028	0.000	0.006	0.027

Pollutant Name: Gasoline - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	25.213	20.169	14.982	14.602	0.000	52.180	21.420

Pollutant Name: Diesel - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	27.394	28.777	19.140	5.241	3.384	0.000	5.319

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (MD/SCAQMD)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Table 2: Starting Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.178	0.286	0.313	0.140	0.000	1.495	0.185
10	0.273	0.416	0.514	0.165	0.000	1.556	0.244
20	0.451	0.659	0.888	0.213	0.000	1.704	0.355
30	0.613	0.881	1.225	0.260	0.000	1.887	0.458
40	0.759	1.083	1.525	0.305	0.000	2.105	0.554
50	0.889	1.263	1.788	0.349	0.000	2.357	0.642
60	0.995	1.408	2.004	0.380	0.000	2.499	0.709
120	1.155	1.549	2.143	0.329	0.000	2.248	0.715
180	1.065	1.474	2.172	0.353	0.000	2.380	0.718
240	1.128	1.562	2.299	0.376	0.000	2.558	0.762
300	1.190	1.649	2.423	0.399	0.000	2.735	0.806
360	1.251	1.734	2.543	0.422	0.000	2.911	0.848
420	1.310	1.817	2.660	0.444	0.000	3.086	0.890
480	1.368	1.897	2.774	0.466	0.000	3.260	0.931
540	1.424	1.976	2.885	0.487	0.000	3.432	0.971
600	1.479	2.053	2.992	0.508	0.000	3.604	1.010
660	1.533	2.127	3.096	0.528	0.000	3.774	1.048
720	1.585	2.200	3.197	0.549	0.000	3.944	1.085

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	1.528	2.568	3.222	1.445	0.000	5.394	1.765
10	2.481	4.027	5.583	2.032	0.000	5.285	2.633
20	4.286	6.787	10.029	3.140	0.000	5.143	4.273
30	5.958	9.336	14.108	4.162	0.000	5.101	5.784
40	7.495	11.675	17.819	5.096	0.000	5.159	7.167
50	8.900	13.803	21.161	5.943	0.000	5.317	8.422
60	10.170	15.720	24.136	6.704	0.000	5.575	9.549
120	13.334	19.353	25.704	6.267	0.000	7.842	10.110
180	11.440	17.387	25.062	6.743	0.000	9.390	9.995
240	12.150	18.437	26.249	7.191	0.000	11.320	10.612
300	12.808	19.417	27.386	7.612	0.000	13.039	11.191
360	13.413	20.328	28.473	8.006	0.000	14.546	11.732
420	13.966	21.169	29.508	8.373	0.000	15.841	12.235
480	14.466	21.940	30.493	8.713	0.000	16.924	12.700
540	14.914	22.642	31.427	9.026	0.000	17.795	13.128
600	15.309	23.274	32.310	9.311	0.000	18.455	13.518
660	15.652	23.836	33.142	9.570	0.000	18.902	13.870
720	15.943	24.329	33.924	9.802	0.000	19.138	14.185

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.339	0.511	0.917	0.084	0.000	0.228	0.229
10	0.398	0.609	1.173	0.122	0.000	0.255	0.294
20	0.503	0.783	1.623	0.188	0.000	0.303	0.409
30	0.590	0.926	1.993	0.243	0.000	0.344	0.503
40	0.658	1.039	2.281	0.285	0.000	0.378	0.576
50	0.708	1.122	2.488	0.315	0.000	0.405	0.629
60	0.740	1.174	2.613	0.332	0.000	0.425	0.661
120	0.772	1.222	2.692	0.336	0.000	0.431	0.679
180	0.784	1.237	2.694	0.335	0.000	0.422	0.681
240	0.778	1.227	2.677	0.332	0.000	0.411	0.676
300	0.769	1.213	2.653	0.329	0.000	0.396	0.669
360	0.757	1.194	2.621	0.325	0.000	0.379	0.660
420	0.742	1.172	2.582	0.321	0.000	0.358	0.650
480	0.725	1.145	2.535	0.315	0.000	0.335	0.637
540	0.705	1.114	2.481	0.309	0.000	0.309	0.622
600	0.682	1.078	2.420	0.302	0.000	0.280	0.606
660	0.657	1.038	2.351	0.295	0.000	0.248	0.587
720	0.628	0.994	2.275	0.286	0.000	0.213	0.567

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	11.770	14.407	15.357	2.102	0.000	26.869	5.727
10	14.451	17.886	20.498	2.536	0.000	29.546	7.136
20	20.105	25.119	31.070	3.392	0.000	34.758	10.028
30	26.151	32.720	42.028	4.229	0.000	39.784	13.016
40	32.588	40.690	53.373	5.047	0.000	44.622	16.102
50	39.417	49.028	65.105	5.847	0.000	49.274	19.284
60	46.636	57.734	77.223	6.629	0.000	53.738	22.564
120	93.607	111.388	147.170	10.107	0.000	74.445	41.612
180	106.901	127.009	169.721	11.120	0.000	76.030	47.274
240	119.861	142.165	191.442	12.074	0.000	77.524	52.739
300	132.488	156.854	212.335	12.968	0.000	78.928	58.007
360	144.781	171.077	232.398	13.802	0.000	80.242	63.077
420	156.741	184.833	251.633	14.577	0.000	81.465	67.951
480	168.368	198.123	270.039	15.292	0.000	82.597	72.627
540	179.662	210.947	287.615	15.947	0.000	83.639	77.105
600	190.622	223.304	304.363	16.543	0.000	84.591	81.386
660	201.249	235.195	320.282	17.079	0.000	85.452	85.470
720	211.542	246.620	335.371	17.556	0.000	86.222	89.357

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.001	0.000	0.000	0.001	0.000
40	0.000	0.001	0.001	0.000	0.000	0.001	0.000
50	0.001	0.001	0.001	0.000	0.000	0.001	0.000
60	0.001	0.001	0.001	0.000	0.000	0.001	0.000
120	0.001	0.001	0.002	0.000	0.000	0.001	0.001
180	0.001	0.002	0.002	0.000	0.000	0.001	0.001
240	0.001	0.002	0.002	0.000	0.000	0.001	0.001
300	0.002	0.002	0.003	0.000	0.000	0.001	0.001
360	0.002	0.002	0.003	0.000	0.000	0.001	0.001
420	0.002	0.002	0.003	0.000	0.000	0.001	0.001
480	0.002	0.002	0.003	0.000	0.000	0.001	0.001
540	0.002	0.002	0.003	0.000	0.000	0.001	0.001
600	0.002	0.003	0.004	0.000	0.000	0.001	0.001
660	0.002	0.003	0.004	0.000	0.000	0.001	0.001
720	0.002	0.003	0.004	0.000	0.000	0.001	0.001

Pollutant Name: PM10 Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.001	0.002	0.001	0.000	0.000	0.015	0.001
10	0.002	0.003	0.002	0.000	0.000	0.013	0.001
20	0.003	0.005	0.004	0.000	0.000	0.010	0.001
30	0.004	0.007	0.005	0.000	0.000	0.008	0.002
40	0.005	0.009	0.007	0.000	0.000	0.006	0.002
50	0.006	0.011	0.008	0.000	0.000	0.005	0.003
60	0.007	0.013	0.009	0.000	0.000	0.004	0.003
120	0.010	0.018	0.013	0.000	0.000	0.010	0.005
180	0.011	0.020	0.014	0.001	0.000	0.016	0.005
240	0.011	0.021	0.014	0.001	0.000	0.021	0.005
300	0.012	0.022	0.015	0.001	0.000	0.025	0.006
360	0.013	0.023	0.015	0.001	0.000	0.029	0.006
420	0.013	0.024	0.016	0.001	0.000	0.032	0.006
480	0.013	0.024	0.016	0.001	0.000	0.035	0.006
540	0.014	0.025	0.017	0.001	0.000	0.037	0.006
600	0.014	0.026	0.017	0.001	0.000	0.038	0.007
660	0.014	0.026	0.018	0.001	0.000	0.039	0.007
720	0.015	0.027	0.018	0.001	0.000	0.039	0.007

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (MD/SCAQMD)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (MD/SCAQMD) Riverside (MD/SCAQMD) Riverside (MD/SCAQMD)

Table 4: Hot Soak Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.090	0.121	0.060	0.003	0.000	0.109	0.030
10	0.167	0.223	0.110	0.005	0.000	0.203	0.056
20	0.285	0.380	0.189	0.009	0.000	0.349	0.096
30	0.366	0.489	0.243	0.012	0.000	0.454	0.123
40	0.396	0.530	0.264	0.012	0.000	0.495	0.134

Hot soak results are scaled to reflect zero emissions for trip lengths of less than 5 minutes (about 25% of in-use trips).

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (MD/SCAQMD)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (MD/SCAQMD) Riverside (MD/SCAQMD) Riverside (MD/SCAQMD)

Table 5a: Partial Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.152	0.201	0.096	0.000	0.000	0.210	0.043

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (MD/SCAQMD)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (MD/SCAQMD) Riverside (MD/SCAQMD) Riverside (MD/SCAQMD)

Table 5b: Multi-Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp

degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.012	0.015	0.007	0.000	0.000	0.018	0.003

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (MD/SCAQMD)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (MD/SCAQMD) Riverside (MD/SCAQMD) Riverside (MD/SCAQMD)

Table 6a: Partial Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.063	0.086	0.040	0.000	0.000	0.078	0.018

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (MD/SCAQMD)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (MD/SCAQMD) Riverside (MD/SCAQMD) Riverside (MD/SCAQMD)

Table 6b: Multi-Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.005	0.006	0.003	0.000	0.000	0.007	0.001

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (MD/SCAQMD)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (MD/SCAQMD) Riverside (MD/SCAQMD) Riverside (MD/SCAQMD)

Table 7: Estimated Travel Fractions

Pollutant Name: Temperature: ALL Relative Humidity: ALL

	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
%VMT	0.022	0.032	0.011	0.933	0.000	0.001	1.000
%TRIP	0.087	0.123	0.083	0.700	0.000	0.007	1.000
%VEH	0.079	0.114	0.038	0.749	0.000	0.020	1.000

Title : West Adams Community Plan Update Project for Existing Year 2008 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:15:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (MD/SCAQMD)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (MD/SCAQMD) Riverside (MD/SCAQMD) Riverside (MD/SCAQMD)

Table 8: Evaporative Running Loss Emissions (grams/minute)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
1	0.057	0.801	0.621	0.004	0.000	0.084	0.038
2	0.058	0.425	0.328	0.002	0.000	0.119	0.021
3	0.062	0.301	0.232	0.001	0.000	0.136	0.015
4	0.065	0.241	0.185	0.001	0.000	0.146	0.013
5	0.068	0.206	0.157	0.001	0.000	0.153	0.011
10	0.073	0.139	0.104	0.001	0.000	0.171	0.008
15	0.076	0.121	0.089	0.001	0.000	0.179	0.007
20	0.079	0.115	0.084	0.001	0.000	0.184	0.007
25	0.081	0.114	0.082	0.001	0.000	0.189	0.007
30	0.080	0.113	0.081	0.001	0.000	0.188	0.007
35	0.080	0.112	0.080	0.001	0.000	0.187	0.007
40	0.080	0.112	0.080	0.001	0.000	0.185	0.007
45	0.079	0.111	0.079	0.001	0.000	0.184	0.007
50	0.078	0.110	0.079	0.001	0.000	0.181	0.007
55	0.075	0.109	0.078	0.001	0.000	0.176	0.007
60	0.073	0.108	0.078	0.001	0.000	0.173	0.007

Title   : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season   : Annual
Area   : Los Angeles (SC)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.097	0.132	0.211	0.931	0.922	2.431	0.168

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	2.749	3.733	4.382	7.467	6.515	23.462	3.538

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.286	0.507	0.965	13.452	17.134	1.394	1.027

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	342.787	423.887	576.576	1567.198	2316.434	124.601	450.363

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.003	0.004	0.006	0.015	0.022	0.002	0.004

Pollutant Name: PM2.5 Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.009	0.017	0.019	0.444	0.220	0.022	0.031

Pollutant Name: PM2.5 - Tire Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.002	0.002	0.002	0.006	0.002	0.001	0.002

Pollutant Name: PM2.5 - Brake Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL

30	0.005	0.005	0.005	0.009	0.005	0.003	0.006

Pollutant Name: Gasoline - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	25.554	20.590	15.098	14.756	14.820	52.331	22.763

Pollutant Name: Diesel - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	27.646	28.889	19.608	5.833	3.539	0.000	8.873

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Los Angeles (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 2: Starting Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.103	0.107	0.268	0.764	0.223	1.526	0.175
10	0.165	0.172	0.459	0.969	0.352	1.583	0.266
20	0.280	0.294	0.814	1.360	0.592	1.723	0.436
30	0.384	0.405	1.132	1.726	0.807	1.900	0.592
40	0.478	0.506	1.415	2.066	0.997	2.114	0.732
50	0.562	0.595	1.662	2.380	1.163	2.365	0.857
60	0.631	0.670	1.867	2.613	1.295	2.504	0.959
120	0.776	0.825	2.038	2.526	1.255	2.241	1.096
180	0.699	0.754	2.046	2.698	1.334	2.381	1.049
240	0.741	0.799	2.165	2.866	1.411	2.560	1.111
300	0.781	0.843	2.281	3.030	1.486	2.739	1.172
360	0.821	0.886	2.394	3.190	1.559	2.916	1.232
420	0.860	0.929	2.503	3.347	1.629	3.092	1.290
480	0.898	0.970	2.610	3.500	1.697	3.267	1.347
540	0.935	1.010	2.714	3.649	1.763	3.442	1.403
600	0.971	1.050	2.814	3.795	1.827	3.615	1.457
660	1.006	1.088	2.912	3.937	1.888	3.787	1.510
720	1.040	1.126	3.007	4.075	1.948	3.958	1.561

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.921	1.055	2.961	9.232	2.488	5.539	1.752
10	1.544	1.800	5.222	11.936	4.281	5.385	2.780
20	2.725	3.214	9.481	17.072	7.646	5.161	4.724
30	3.820	4.526	13.385	21.845	10.716	5.048	6.521
40	4.828	5.735	16.936	26.256	13.492	5.045	8.169
50	5.750	6.842	20.134	30.303	15.973	5.153	9.671
60	6.585	7.847	22.977	33.987	18.159	5.372	11.024
120	9.004	10.572	24.710	35.237	17.335	7.639	13.349
180	7.504	8.967	23.856	38.515	18.059	9.336	12.197

240	7.967	9.528	24.959	41.572	18.775	11.323	12.935
300	8.395	10.043	26.017	44.409	19.483	13.090	13.623
360	8.787	10.515	27.030	47.024	20.184	14.637	14.261
420	9.144	10.941	27.997	49.419	20.876	15.965	14.849
480	9.466	11.324	28.920	51.593	21.560	17.073	15.386
540	9.752	11.662	29.797	53.546	22.237	17.961	15.874
600	10.003	11.955	30.629	55.278	22.905	18.630	16.311
660	10.218	12.204	31.416	56.789	23.566	19.080	16.698
720	10.398	12.408	32.157	58.079	24.219	19.310	17.034

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.223	0.368	0.894	0.788	0.489	0.230	0.401
10	0.263	0.424	1.144	1.154	0.734	0.257	0.496
20	0.333	0.523	1.585	1.796	1.163	0.305	0.665
30	0.392	0.605	1.947	2.321	1.513	0.345	0.803
40	0.438	0.670	2.229	2.727	1.784	0.379	0.911
50	0.472	0.718	2.431	3.014	1.975	0.405	0.990
60	0.493	0.749	2.554	3.184	2.086	0.425	1.038
120	0.514	0.787	2.630	3.220	2.110	0.431	1.073
180	0.522	0.799	2.634	3.205	2.102	0.422	1.081
240	0.518	0.793	2.617	3.184	2.090	0.411	1.073
300	0.513	0.784	2.593	3.155	2.073	0.396	1.062
360	0.505	0.773	2.562	3.120	2.053	0.378	1.048
420	0.496	0.758	2.523	3.077	2.028	0.357	1.031
480	0.484	0.740	2.477	3.027	1.999	0.334	1.010
540	0.471	0.720	2.424	2.970	1.966	0.307	0.986
600	0.457	0.696	2.364	2.907	1.929	0.277	0.959
660	0.440	0.670	2.297	2.836	1.887	0.245	0.929
720	0.422	0.640	2.222	2.758	1.842	0.209	0.895

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	11.135	13.906	17.054	11.338	3.472	27.212	12.943
10	13.608	16.742	22.573	15.205	5.726	29.887	16.083
20	18.883	22.853	33.989	22.844	10.191	35.095	22.705
30	24.596	29.550	45.907	30.358	14.600	40.115	29.781
40	30.746	36.834	58.329	37.747	18.952	44.945	37.312
50	37.335	44.704	71.254	45.011	23.248	49.587	45.297
60	44.361	53.161	84.683	52.149	27.488	54.040	53.737
120	91.691	111.971	164.399	83.472	45.907	74.717	108.385
180	104.910	127.949	189.634	94.943	53.641	76.182	124.131
240	117.836	143.624	214.000	105.737	60.919	77.563	139.468
300	130.469	158.997	237.499	115.856	67.741	78.860	154.398
360	142.809	174.066	260.129	125.298	74.106	80.075	168.919
420	154.856	188.833	281.891	134.065	80.015	81.206	183.032
480	166.610	203.296	302.785	142.155	85.468	82.254	196.737
540	178.071	217.457	322.811	149.569	90.464	83.218	210.033
600	189.240	231.315	341.969	156.307	95.004	84.100	222.921
660	200.115	244.870	360.259	162.370	99.088	84.897	235.401
720	210.698	258.123	377.680	167.755	102.715	85.612	247.473

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.001	0.000	0.000	0.000
30	0.000	0.000	0.001	0.001	0.000	0.001	0.000
40	0.000	0.000	0.001	0.001	0.000	0.001	0.001
50	0.000	0.001	0.001	0.001	0.000	0.001	0.001
60	0.001	0.001	0.001	0.001	0.001	0.001	0.001
120	0.001	0.001	0.002	0.001	0.001	0.001	0.001
180	0.001	0.001	0.002	0.002	0.001	0.001	0.001
240	0.001	0.002	0.002	0.002	0.001	0.001	0.002
300	0.001	0.002	0.003	0.002	0.001	0.001	0.002
360	0.002	0.002	0.003	0.002	0.001	0.001	0.002

420	0.002	0.002	0.003	0.002	0.001	0.001	0.002
480	0.002	0.002	0.003	0.002	0.001	0.001	0.002
540	0.002	0.002	0.004	0.002	0.001	0.001	0.002
600	0.002	0.002	0.004	0.002	0.001	0.001	0.002
660	0.002	0.003	0.004	0.003	0.001	0.001	0.003
720	0.002	0.003	0.004	0.003	0.001	0.001	0.003

Pollutant Name: PM2.5 Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.001	0.001	0.001	0.001	0.000	0.012	0.001
10	0.001	0.002	0.002	0.001	0.001	0.010	0.002
20	0.002	0.004	0.004	0.002	0.001	0.008	0.003
30	0.003	0.006	0.006	0.002	0.002	0.006	0.004
40	0.004	0.007	0.008	0.003	0.002	0.005	0.005
50	0.005	0.009	0.009	0.003	0.002	0.004	0.006
60	0.005	0.010	0.011	0.004	0.003	0.003	0.007
120	0.008	0.015	0.015	0.005	0.004	0.008	0.011
180	0.008	0.016	0.016	0.005	0.004	0.012	0.011
240	0.009	0.017	0.017	0.006	0.004	0.016	0.012
300	0.009	0.018	0.017	0.006	0.004	0.020	0.013
360	0.010	0.018	0.018	0.006	0.004	0.022	0.013
420	0.010	0.019	0.019	0.007	0.005	0.025	0.014
480	0.010	0.020	0.019	0.007	0.005	0.027	0.014
540	0.011	0.020	0.020	0.007	0.005	0.029	0.015
600	0.011	0.021	0.020	0.007	0.005	0.030	0.015
660	0.011	0.021	0.021	0.007	0.005	0.030	0.015
720	0.011	0.021	0.021	0.008	0.005	0.031	0.016

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Los Angeles (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 4: Hot Soak Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.056	0.051	0.037	0.015	0.037	0.144	0.050
10	0.104	0.094	0.069	0.027	0.068	0.266	0.092
20	0.177	0.161	0.120	0.046	0.117	0.457	0.159
30	0.229	0.208	0.156	0.059	0.150	0.591	0.205
40	0.248	0.226	0.171	0.065	0.162	0.642	0.223

Hot soak results are scaled to reflect zero emissions for trip lengths of less than 5 minutes (about 25% of in-use trips).

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Los Angeles (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual

Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 5a: Partial Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.112	0.102	0.085	0.007	0.002	0.236	0.106

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Los Angeles (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 5b: Multi-Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.009	0.008	0.007	0.000	0.001	0.019	0.009

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Los Angeles (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 6a: Partial Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.042	0.040	0.035	0.004	0.001	0.091	0.041

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Los Angeles (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual

Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 6b: Multi-Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.003	0.003	0.003	0.000	0.000	0.007	0.003

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Los Angeles (SC)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 7: Estimated Travel Fractions

Pollutant Name: Temperature: ALL Relative Humidity: ALL

	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
%VMT	0.531	0.296	0.124	0.042	0.002	0.004	1.000
%TRIP	0.513	0.265	0.163	0.052	0.000	0.006	1.000
%VEH	0.557	0.287	0.113	0.021	0.001	0.021	1.000

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Los Angeles (SC)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 8: Evaporative Running Loss Emissions (grams/minute)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
1	0.028	0.373	0.325	0.133	0.332	0.122	0.173
2	0.032	0.196	0.171	0.074	0.178	0.157	0.101
3	0.036	0.138	0.122	0.055	0.127	0.175	0.079
4	0.039	0.111	0.098	0.045	0.101	0.185	0.069
5	0.041	0.095	0.084	0.040	0.086	0.193	0.063
10	0.046	0.066	0.059	0.028	0.057	0.211	0.054
15	0.048	0.059	0.053	0.025	0.047	0.220	0.052
20	0.049	0.058	0.052	0.023	0.043	0.227	0.052
25	0.050	0.058	0.053	0.023	0.040	0.232	0.052
30	0.049	0.058	0.052	0.022	0.040	0.230	0.052
35	0.049	0.057	0.052	0.022	0.040	0.229	0.051
40	0.049	0.056	0.051	0.022	0.039	0.227	0.051
45	0.048	0.056	0.051	0.022	0.039	0.225	0.050
50	0.047	0.055	0.050	0.022	0.039	0.220	0.050

55	0.046	0.055	0.050	0.022	0.039	0.214	0.049
60	0.045	0.054	0.049	0.021	0.038	0.208	0.048

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Orange (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Orange (SC) Orange (SC) Orange (SC)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.084	0.090	0.141	0.678	0.904	2.424	0.126

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	2.654	3.144	3.485	6.298	7.517	23.386	3.162

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.275	0.440	0.834	10.890	14.764	1.392	0.730

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	341.899	423.880	575.794	1445.448	2219.407	124.670	433.141

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.003	0.004	0.006	0.014	0.021	0.002	0.004

Pollutant Name: PM2.5 Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.009	0.017	0.018	0.319	0.194	0.022	0.022

Pollutant Name: PM2.5 - Tire Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL

30	0.002	0.002	0.002	0.005	0.002	0.001	0.002

Pollutant Name: PM2.5 - Brake Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.005	0.005	0.005	0.008	0.005	0.003	0.005

Pollutant Name: Gasoline - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	25.624	20.627	15.150	14.888	14.184	52.353	22.636

Pollutant Name: Diesel - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	27.870	29.020	19.732	6.091	3.915	0.000	11.147

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Orange (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Orange (SC) Orange (SC) Orange (SC)

Table 2: Starting Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.102	0.090	0.186	0.551	0.332	1.507	0.146
10	0.163	0.150	0.330	0.760	0.497	1.566	0.229
20	0.277	0.262	0.599	1.151	0.803	1.711	0.383
30	0.382	0.365	0.842	1.510	1.079	1.891	0.524
40	0.476	0.458	1.058	1.835	1.325	2.106	0.651
50	0.560	0.541	1.247	2.126	1.542	2.357	0.765
60	0.629	0.612	1.406	2.350	1.713	2.498	0.858
120	0.785	0.781	1.613	2.303	1.714	2.237	1.014
180	0.705	0.706	1.593	2.454	1.824	2.374	0.959
240	0.747	0.749	1.686	2.602	1.931	2.552	1.016
300	0.788	0.790	1.777	2.745	2.034	2.729	1.072
360	0.828	0.831	1.865	2.885	2.135	2.905	1.127
420	0.868	0.871	1.952	3.021	2.233	3.081	1.180
480	0.906	0.910	2.036	3.154	2.328	3.255	1.232
540	0.944	0.948	2.118	3.282	2.420	3.428	1.283
600	0.980	0.985	2.198	3.407	2.509	3.600	1.333
660	1.016	1.022	2.275	3.528	2.594	3.771	1.382
720	1.051	1.058	2.350	3.646	2.677	3.940	1.429

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL

5	0.918	0.935	2.117	6.394	3.776	5.494	1.432
10	1.546	1.649	3.853	9.402	6.307	5.361	2.387
20	2.738	3.006	7.126	15.073	11.060	5.177	4.194
30	3.845	4.268	10.134	20.283	15.401	5.098	5.865
40	4.867	5.435	12.877	25.031	19.331	5.125	7.400
50	5.804	6.507	15.355	29.318	22.848	5.258	8.799
60	6.655	7.484	17.568	33.143	25.954	5.497	10.062
120	9.242	10.355	19.828	33.222	25.882	7.742	12.547
180	7.663	8.677	18.663	35.335	27.037	9.394	11.216
240	8.152	9.239	19.568	37.351	28.172	11.362	11.884
300	8.602	9.752	20.426	39.270	29.287	13.113	12.504
360	9.012	10.217	21.238	41.091	30.381	14.647	13.077
420	9.383	10.634	22.003	42.814	31.455	15.965	13.602
480	9.714	11.002	22.722	44.440	32.509	17.066	14.079
540	10.005	11.323	23.394	45.969	33.543	17.949	14.510
600	10.257	11.594	24.019	47.400	34.557	18.616	14.892
660	10.469	11.818	24.597	48.733	35.550	19.067	15.228
720	10.641	11.993	25.129	49.970	36.523	19.300	15.515

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.245	0.404	0.840	0.723	0.736	0.229	0.417
10	0.285	0.455	1.034	1.073	1.102	0.255	0.502
20	0.357	0.547	1.376	1.686	1.746	0.303	0.652
30	0.416	0.623	1.656	2.187	2.270	0.344	0.776
40	0.462	0.683	1.876	2.574	2.676	0.378	0.873
50	0.497	0.729	2.035	2.848	2.962	0.404	0.944
60	0.519	0.759	2.133	3.008	3.130	0.424	0.988
120	0.543	0.803	2.212	3.042	3.165	0.430	1.027
180	0.551	0.816	2.218	3.030	3.153	0.421	1.036
240	0.547	0.810	2.204	3.011	3.134	0.410	1.029
300	0.541	0.801	2.183	2.986	3.109	0.395	1.018
360	0.533	0.788	2.155	2.954	3.078	0.377	1.004
420	0.523	0.773	2.121	2.916	3.041	0.357	0.987
480	0.511	0.754	2.079	2.872	2.997	0.333	0.966
540	0.497	0.732	2.032	2.822	2.948	0.307	0.942
600	0.481	0.707	1.977	2.765	2.891	0.277	0.915
660	0.463	0.679	1.916	2.702	2.829	0.245	0.884
720	0.443	0.648	1.848	2.633	2.760	0.210	0.850

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	11.112	13.856	17.001	8.679	3.975	26.992	12.922
10	13.567	16.561	22.011	12.320	5.727	29.660	15.954
20	18.809	22.435	32.485	19.521	9.194	34.857	22.384
30	24.491	28.925	43.567	26.615	12.610	39.865	29.302
40	30.612	36.033	55.255	33.601	15.976	44.686	36.706
50	37.174	43.757	67.550	40.479	19.291	49.320	44.598
60	44.175	52.098	80.453	47.251	22.555	53.766	52.977
120	91.440	111.268	160.809	76.847	36.810	74.401	108.306
180	104.619	127.123	185.315	88.315	42.398	75.913	124.043
240	117.509	142.708	209.082	99.106	47.655	77.340	139.399
300	130.109	158.022	232.109	109.222	52.584	78.680	154.376
360	142.420	173.067	254.397	118.661	57.183	79.934	168.973
420	154.442	187.840	275.945	127.424	61.452	81.101	183.190
480	166.175	202.344	296.754	135.511	65.392	82.183	197.027
540	177.619	216.577	316.823	142.921	69.002	83.178	210.484
600	188.773	230.540	336.153	149.656	72.283	84.087	223.562
660	199.638	244.233	354.743	155.714	75.234	84.910	236.259
720	210.214	257.655	372.594	161.096	77.856	85.647	248.576

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000

30	0.000	0.000	0.001	0.001	0.000	0.001	0.000
40	0.000	0.000	0.001	0.001	0.000	0.001	0.000
50	0.000	0.001	0.001	0.001	0.001	0.001	0.001
60	0.001	0.001	0.001	0.001	0.001	0.001	0.001
120	0.001	0.001	0.002	0.001	0.001	0.001	0.001
180	0.001	0.001	0.002	0.001	0.001	0.001	0.001
240	0.001	0.002	0.002	0.002	0.001	0.001	0.002
300	0.001	0.002	0.003	0.002	0.001	0.001	0.002
360	0.002	0.002	0.003	0.002	0.001	0.001	0.002
420	0.002	0.002	0.003	0.002	0.001	0.001	0.002
480	0.002	0.002	0.003	0.002	0.001	0.001	0.002
540	0.002	0.002	0.003	0.002	0.001	0.001	0.002
600	0.002	0.002	0.004	0.002	0.001	0.001	0.002
660	0.002	0.003	0.004	0.002	0.001	0.001	0.003
720	0.002	0.003	0.004	0.002	0.001	0.001	0.003

Pollutant Name: PM2.5 Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.001	0.001	0.001	0.001	0.000	0.012	0.001
10	0.001	0.002	0.002	0.001	0.001	0.010	0.002
20	0.002	0.004	0.004	0.002	0.001	0.008	0.003
30	0.003	0.006	0.005	0.002	0.001	0.006	0.004
40	0.004	0.007	0.007	0.003	0.002	0.005	0.005
50	0.005	0.009	0.008	0.003	0.002	0.004	0.006
60	0.005	0.010	0.009	0.004	0.002	0.003	0.007
120	0.008	0.015	0.013	0.005	0.003	0.008	0.011
180	0.009	0.016	0.014	0.005	0.003	0.012	0.011
240	0.009	0.017	0.015	0.006	0.003	0.016	0.012
300	0.010	0.018	0.015	0.006	0.003	0.019	0.013
360	0.010	0.019	0.016	0.006	0.003	0.022	0.013
420	0.010	0.020	0.017	0.006	0.004	0.025	0.014
480	0.011	0.020	0.017	0.006	0.004	0.027	0.014
540	0.011	0.021	0.018	0.007	0.004	0.028	0.015
600	0.011	0.021	0.018	0.007	0.004	0.029	0.015
660	0.011	0.022	0.019	0.007	0.004	0.030	0.015
720	0.012	0.022	0.019	0.007	0.004	0.030	0.016

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Orange (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Orange (SC) Orange (SC) Orange (SC)

Table 4: Hot Soak Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.055	0.043	0.030	0.012	0.058	0.130	0.046
10	0.101	0.080	0.056	0.022	0.108	0.241	0.085
20	0.173	0.138	0.097	0.038	0.183	0.414	0.145
30	0.224	0.178	0.126	0.049	0.235	0.536	0.188
40	0.243	0.193	0.138	0.053	0.254	0.583	0.204

Hot soak results are scaled to reflect zero emissions for trip lengths of less than 5 minutes (about 25% of in-use trips).

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Orange (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Orange (SC) Orange (SC) Orange (SC)

Table 5a: Partial Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.109	0.087	0.067	0.007	0.003	0.227	0.098

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Orange (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Orange (SC) Orange (SC) Orange (SC)

Table 5b: Multi-Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.009	0.007	0.005	0.000	0.001	0.019	0.008

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Orange (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Orange (SC) Orange (SC) Orange (SC)

Table 6a: Partial Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.041	0.035	0.027	0.004	0.001	0.085	0.038

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Orange (SC)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Orange (SC) Orange (SC) Orange (SC)

Table 6b: Multi-Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.003	0.003	0.002	0.000	0.000	0.007	0.003

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Orange (SC)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Orange (SC) Orange (SC) Orange (SC)

Table 7: Estimated Travel Fractions

Pollutant Name: Temperature: ALL Relative Humidity: ALL

	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
%VMT	0.504	0.321	0.140	0.028	0.001	0.006	1.000
%TRIP	0.490	0.278	0.176	0.048	0.000	0.008	1.000
%VEH	0.531	0.299	0.122	0.020	0.000	0.028	1.000

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Orange (SC)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Orange (SC) Orange (SC) Orange (SC)

Table 8: Evaporative Running Loss Emissions (grams/minute)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
1	0.023	0.298	0.272	0.191	0.425	0.104	0.152
2	0.028	0.155	0.142	0.105	0.232	0.138	0.088
3	0.032	0.110	0.101	0.077	0.167	0.156	0.069
4	0.036	0.088	0.081	0.063	0.136	0.167	0.060
5	0.038	0.075	0.069	0.055	0.116	0.174	0.056

10	0.043	0.053	0.049	0.039	0.079	0.191	0.048
15	0.045	0.048	0.044	0.034	0.066	0.199	0.046
20	0.046	0.047	0.044	0.032	0.060	0.205	0.047
25	0.047	0.048	0.044	0.030	0.057	0.210	0.047
30	0.046	0.048	0.044	0.030	0.057	0.208	0.047
35	0.046	0.047	0.043	0.030	0.056	0.206	0.046
40	0.045	0.047	0.043	0.030	0.056	0.205	0.046
45	0.045	0.046	0.043	0.030	0.056	0.203	0.046
50	0.044	0.046	0.042	0.029	0.055	0.199	0.045
55	0.043	0.045	0.042	0.029	0.055	0.193	0.044
60	0.042	0.045	0.041	0.029	0.055	0.188	0.043

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SC) Riverside (SC) Riverside (SC)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.095	0.127	0.135	0.858	1.026	2.406	0.171

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	2.892	3.766	3.397	6.551	10.285	23.047	3.655

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.293	0.518	0.837	13.733	8.328	1.395	1.018

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	341.716	422.901	574.624	1597.068	1294.795	125.701	453.872

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.003	0.004	0.006	0.015	0.013	0.002	0.004

Pollutant Name: PM2.5 Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.011	0.021	0.020	0.425	0.087	0.022	0.033

Pollutant Name: PM2.5 - Tire Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.002	0.002	0.002	0.006	0.003	0.001	0.002

Pollutant Name: PM2.5 - Brake Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.005	0.005	0.005	0.009	0.005	0.003	0.006

Pollutant Name: Gasoline - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	25.616	20.577	15.155	14.914	14.946	52.217	22.533

Pollutant Name: Diesel - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	28.072	29.069	19.941	5.686	3.680	0.000	11.790

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SC) Riverside (SC) Riverside (SC)

Table 2: Starting Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.110	0.114	0.160	0.635	0.586	1.440	0.164
10	0.171	0.179	0.278	0.825	0.985	1.504	0.245
20	0.286	0.301	0.499	1.186	1.722	1.655	0.396
30	0.391	0.413	0.699	1.521	2.380	1.838	0.535
40	0.487	0.515	0.879	1.830	2.958	2.054	0.662
50	0.572	0.607	1.038	2.112	3.456	2.302	0.776
60	0.644	0.684	1.173	2.324	3.858	2.443	0.870
120	0.808	0.855	1.404	2.248	3.892	2.195	1.034
180	0.725	0.780	1.365	2.399	4.135	2.322	0.976
240	0.769	0.827	1.446	2.546	4.370	2.495	1.036
300	0.812	0.873	1.525	2.691	4.599	2.667	1.094
360	0.854	0.918	1.602	2.831	4.820	2.837	1.150
420	0.895	0.962	1.678	2.969	5.035	3.007	1.206
480	0.935	1.006	1.752	3.103	5.242	3.176	1.260
540	0.974	1.048	1.824	3.233	5.441	3.343	1.314
600	1.012	1.090	1.895	3.360	5.634	3.510	1.366
660	1.050	1.131	1.964	3.484	5.819	3.675	1.416

720	1.086	1.171	2.031	3.604	5.998	3.839	1.466

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.994	1.140	1.826	7.092	6.739	5.356	1.555
10	1.645	1.926	3.267	9.735	12.068	5.266	2.495
20	2.884	3.420	5.992	14.735	22.063	5.158	4.280
30	4.038	4.811	8.508	19.351	31.173	5.146	5.935
40	5.106	6.098	10.815	23.584	39.397	5.230	7.463
50	6.088	7.282	12.911	27.433	46.736	5.410	8.862
60	6.985	8.362	14.799	30.899	53.190	5.687	10.133
120	9.839	11.512	17.589	31.255	52.389	7.895	12.936
180	8.156	9.730	16.179	33.688	54.336	9.428	11.517
240	8.708	10.381	17.072	35.980	56.285	11.342	12.269
300	9.211	10.975	17.905	38.129	58.239	13.047	12.961
360	9.668	11.513	18.677	40.136	60.195	14.543	13.594
420	10.077	11.994	19.388	42.001	62.155	15.828	14.168
480	10.438	12.420	20.039	43.724	64.119	16.905	14.683
540	10.752	12.789	20.629	45.304	66.086	17.772	15.138
600	11.019	13.103	21.159	46.743	68.057	18.429	15.533
660	11.238	13.360	21.628	48.039	70.031	18.877	15.869
720	11.409	13.560	22.037	49.193	72.008	19.115	16.146

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.276	0.431	0.843	0.711	1.618	0.228	0.461
10	0.316	0.486	0.991	1.049	2.431	0.255	0.542
20	0.389	0.585	1.253	1.642	3.859	0.304	0.686
30	0.449	0.667	1.469	2.125	5.023	0.345	0.806
40	0.497	0.733	1.640	2.500	5.923	0.379	0.900
50	0.532	0.782	1.765	2.764	6.558	0.406	0.968
60	0.555	0.814	1.844	2.920	6.929	0.426	1.012
120	0.583	0.861	1.931	2.953	7.006	0.432	1.058
180	0.593	0.875	1.939	2.941	6.980	0.424	1.067
240	0.588	0.868	1.926	2.922	6.940	0.412	1.059
300	0.581	0.858	1.906	2.896	6.886	0.397	1.048
360	0.572	0.845	1.880	2.865	6.819	0.380	1.033
420	0.561	0.828	1.847	2.827	6.737	0.359	1.014
480	0.548	0.807	1.807	2.783	6.642	0.336	0.991
540	0.532	0.784	1.761	2.733	6.534	0.310	0.965
600	0.514	0.757	1.708	2.676	6.411	0.281	0.935
660	0.494	0.726	1.649	2.613	6.275	0.249	0.902
720	0.472	0.692	1.583	2.544	6.125	0.214	0.864

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	11.367	13.921	17.817	9.893	8.727	26.823	13.630
10	13.783	16.682	22.279	13.304	15.117	29.502	16.631
20	18.954	22.643	31.734	20.045	27.780	34.721	23.015
30	24.575	29.189	41.895	26.675	40.289	39.754	29.908
40	30.645	36.320	52.763	33.196	52.644	44.599	37.310
50	37.165	44.037	64.336	39.606	64.844	49.257	45.222
60	44.134	52.339	76.616	45.906	76.890	53.729	53.642
120	91.596	110.422	157.226	73.547	129.163	74.464	109.959
180	104.674	126.070	180.557	83.704	151.461	76.077	125.671
240	117.479	141.434	203.303	93.262	172.443	77.598	141.027
300	130.010	156.512	225.465	102.222	192.110	79.027	156.028
360	142.266	171.305	247.041	110.583	210.461	80.363	170.673
420	154.249	185.812	268.033	118.345	227.495	81.607	184.962
480	165.958	200.034	288.439	125.509	243.215	82.759	198.895
540	177.394	213.971	308.261	132.074	257.618	83.819	212.473
600	188.555	227.622	327.498	138.040	270.706	84.787	225.695
660	199.443	240.988	346.150	143.408	282.477	85.663	238.561
720	210.056	254.069	364.216	148.176	292.933	86.447	251.072

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.001	0.000	0.000
30	0.000	0.000	0.001	0.001	0.001	0.001	0.000
40	0.000	0.000	0.001	0.001	0.001	0.001	0.000
50	0.000	0.001	0.001	0.001	0.001	0.001	0.001
60	0.001	0.001	0.001	0.001	0.002	0.001	0.001
120	0.001	0.001	0.002	0.001	0.002	0.001	0.001
180	0.001	0.001	0.002	0.001	0.002	0.001	0.001
240	0.001	0.002	0.002	0.002	0.003	0.001	0.002
300	0.001	0.002	0.002	0.002	0.003	0.001	0.002
360	0.002	0.002	0.003	0.002	0.003	0.001	0.002
420	0.002	0.002	0.003	0.002	0.003	0.001	0.002
480	0.002	0.002	0.003	0.002	0.003	0.001	0.002
540	0.002	0.002	0.003	0.002	0.004	0.001	0.002
600	0.002	0.002	0.004	0.002	0.004	0.001	0.002
660	0.002	0.003	0.004	0.002	0.004	0.001	0.003
720	0.002	0.003	0.004	0.002	0.004	0.001	0.003

Pollutant Name: PM2.5 Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.001	0.001	0.001	0.001	0.001	0.011	0.001
10	0.001	0.003	0.002	0.001	0.002	0.010	0.002
20	0.003	0.005	0.003	0.002	0.003	0.008	0.003
30	0.004	0.007	0.005	0.002	0.005	0.006	0.005
40	0.005	0.009	0.006	0.003	0.006	0.005	0.006
50	0.006	0.011	0.008	0.003	0.007	0.004	0.007
60	0.007	0.012	0.009	0.003	0.008	0.003	0.009
120	0.010	0.018	0.013	0.005	0.012	0.008	0.013
180	0.011	0.020	0.014	0.005	0.012	0.012	0.014
240	0.011	0.021	0.015	0.005	0.012	0.016	0.015
300	0.012	0.022	0.015	0.005	0.013	0.019	0.015
360	0.013	0.023	0.016	0.006	0.013	0.022	0.016
420	0.013	0.024	0.016	0.006	0.014	0.024	0.017
480	0.014	0.025	0.017	0.006	0.014	0.026	0.017
540	0.014	0.025	0.017	0.006	0.015	0.028	0.018
600	0.014	0.026	0.018	0.006	0.015	0.029	0.018
660	0.015	0.027	0.018	0.007	0.015	0.030	0.019
720	0.015	0.027	0.019	0.007	0.016	0.030	0.019

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SC) Riverside (SC) Riverside (SC)

Table 4: Hot Soak Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.047	0.044	0.026	0.013	0.070	0.093	0.041
10	0.088	0.082	0.049	0.024	0.130	0.172	0.076
20	0.150	0.140	0.084	0.041	0.222	0.297	0.130
30	0.194	0.182	0.110	0.052	0.285	0.387	0.169
40	0.211	0.198	0.120	0.057	0.308	0.422	0.184

Hot soak results are scaled to reflect zero emissions for trip lengths of less than 5 minutes (about 25% of in-use trips).

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SC)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SC) Riverside (SC) Riverside (SC)

Table 5a: Partial Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.099	0.091	0.061	0.008	0.004	0.197	0.093

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SC)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SC) Riverside (SC) Riverside (SC)

Table 5b: Multi-Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.008	0.007	0.005	0.000	0.001	0.017	0.007

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SC)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SC) Riverside (SC) Riverside (SC)

Table 6a: Partial Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp

degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.039	0.038	0.025	0.004	0.002	0.069	0.037

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SC)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SC) Riverside (SC) Riverside (SC)

Table 6b: Multi-Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.003	0.003	0.002	0.000	0.001	0.006	0.003

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SC)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SC) Riverside (SC) Riverside (SC)

Table 7: Estimated Travel Fractions

Pollutant Name: Temperature: ALL Relative Humidity: ALL

	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
%VMT	0.457	0.337	0.152	0.041	0.001	0.012	1.000
%TRIP	0.435	0.293	0.212	0.046	0.000	0.014	1.000
%VEH	0.465	0.314	0.143	0.031	0.000	0.047	1.000

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SC)

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SC) Riverside (SC) Riverside (SC)

Table 8: Evaporative Running Loss Emissions (grams/minute)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
1	0.028	0.268	0.222	0.181	0.470	0.062	0.145
2	0.030	0.142	0.116	0.099	0.254	0.097	0.085
3	0.033	0.101	0.083	0.072	0.184	0.115	0.066
4	0.036	0.082	0.067	0.059	0.150	0.125	0.058
5	0.038	0.071	0.057	0.051	0.130	0.131	0.054
10	0.041	0.052	0.041	0.035	0.092	0.146	0.046
15	0.042	0.048	0.037	0.031	0.081	0.152	0.044
20	0.043	0.047	0.037	0.028	0.078	0.156	0.044
25	0.043	0.049	0.038	0.027	0.076	0.159	0.045
30	0.042	0.048	0.038	0.027	0.076	0.157	0.044
35	0.042	0.047	0.037	0.027	0.075	0.156	0.044
40	0.042	0.047	0.037	0.027	0.074	0.154	0.044
45	0.041	0.046	0.037	0.026	0.074	0.153	0.043
50	0.041	0.046	0.036	0.026	0.073	0.150	0.042
55	0.040	0.045	0.036	0.026	0.072	0.146	0.042
60	0.039	0.045	0.036	0.026	0.071	0.143	0.041

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : San Bernardino (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

San Bernardino (SC) San Bernardino (SC) San Bernardino (SC)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.102	0.129	0.161	0.881	0.637	2.412	0.176

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	2.911	3.709	3.623	6.571	5.870	23.146	3.606

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.299	0.509	0.919	13.812	8.363	1.394	1.177

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	342.652	423.348	574.684	1612.894	1348.071	125.419	468.686

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL

30	0.003	0.004	0.006	0.015	0.013	0.002	0.005

Pollutant Name: PM2.5 Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.010	0.018	0.018	0.448	0.100	0.022	0.036

Pollutant Name: PM2.5 - Tire Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.002	0.002	0.002	0.006	0.003	0.001	0.002

Pollutant Name: PM2.5 - Brake Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.005	0.005	0.005	0.009	0.005	0.003	0.006

Pollutant Name: Gasoline - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	25.549	20.589	15.147	14.857	15.234	52.251	22.460

Pollutant Name: Diesel - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	27.842	29.030	19.591	5.767	3.619	0.000	9.951

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : San Bernardino (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

San Bernardino (SC) San Bernardino (SC) San Bernardino (SC)

Table 2: Starting Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.112	0.117	0.199	0.595	0.355	1.457	0.173
10	0.176	0.184	0.343	0.752	0.693	1.519	0.260
20	0.294	0.310	0.611	1.052	1.313	1.667	0.422
30	0.403	0.425	0.853	1.333	1.861	1.849	0.571
40	0.501	0.529	1.070	1.594	2.337	2.064	0.706
50	0.588	0.623	1.260	1.836	2.741	2.312	0.827
60	0.660	0.700	1.419	2.016	3.073	2.453	0.925
120	0.818	0.861	1.626	1.934	3.153	2.201	1.076

180	0.736	0.788	1.605	2.066	3.345	2.331	1.024
240	0.780	0.835	1.699	2.195	3.532	2.505	1.085
300	0.823	0.882	1.791	2.321	3.712	2.678	1.146
360	0.865	0.927	1.881	2.444	3.886	2.850	1.204
420	0.906	0.972	1.969	2.564	4.054	3.021	1.262
480	0.946	1.015	2.054	2.682	4.216	3.191	1.318
540	0.986	1.058	2.137	2.797	4.372	3.360	1.373
600	1.024	1.099	2.218	2.909	4.522	3.527	1.427
660	1.061	1.140	2.297	3.018	4.666	3.694	1.479
720	1.098	1.179	2.374	3.124	4.803	3.859	1.530

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.993	1.138	2.198	6.814	4.172	5.395	1.662
10	1.636	1.910	3.888	8.981	8.174	5.291	2.639
20	2.858	3.376	7.077	13.089	15.670	5.156	4.490
30	3.992	4.737	10.010	16.899	22.488	5.120	6.203
40	5.040	5.994	12.689	20.409	28.628	5.184	7.780
50	6.001	7.145	15.112	23.619	34.089	5.348	9.219
60	6.875	8.193	17.280	26.530	38.873	5.611	10.521
120	9.542	11.080	19.620	27.088	38.253	7.827	13.056
180	7.933	9.416	18.465	29.477	39.372	9.400	11.788
240	8.448	10.021	19.404	31.711	40.527	11.330	12.529
300	8.922	10.577	20.290	33.789	41.719	13.048	13.216
360	9.354	11.084	21.125	35.713	42.948	14.554	13.849
420	9.744	11.541	21.907	37.483	44.213	15.849	14.427
480	10.092	11.950	22.637	39.097	45.516	16.932	14.952
540	10.399	12.309	23.315	40.556	46.855	17.803	15.422
600	10.663	12.618	23.941	41.860	48.232	18.463	15.838
660	10.886	12.879	24.515	43.010	49.645	18.911	16.199
720	11.067	13.090	25.037	44.004	51.095	19.147	16.507

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.251	0.390	0.844	0.592	1.390	0.229	0.432
10	0.293	0.448	1.032	0.869	2.094	0.256	0.523
20	0.367	0.550	1.364	1.354	3.331	0.304	0.682
30	0.428	0.635	1.637	1.750	4.339	0.345	0.813
40	0.477	0.702	1.850	2.057	5.117	0.379	0.915
50	0.513	0.752	2.005	2.274	5.667	0.406	0.990
60	0.536	0.784	2.101	2.402	5.988	0.426	1.037
120	0.560	0.825	2.181	2.429	6.055	0.432	1.077
180	0.569	0.838	2.187	2.418	6.032	0.423	1.085
240	0.564	0.832	2.173	2.402	5.998	0.412	1.078
300	0.558	0.822	2.151	2.381	5.953	0.397	1.066
360	0.550	0.810	2.124	2.354	5.895	0.379	1.052
420	0.539	0.794	2.089	2.322	5.826	0.359	1.033
480	0.527	0.775	2.048	2.285	5.745	0.335	1.012
540	0.512	0.753	2.000	2.242	5.652	0.309	0.986
600	0.495	0.728	1.945	2.195	5.548	0.280	0.958
660	0.477	0.700	1.884	2.141	5.432	0.248	0.925
720	0.456	0.669	1.816	2.083	5.304	0.213	0.890

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	11.257	13.920	17.360	9.330	6.187	26.930	13.319
10	13.759	16.777	22.297	12.416	12.340	29.609	16.461
20	19.086	22.919	32.629	18.513	24.543	34.828	23.100
30	24.843	29.632	43.572	24.508	36.609	39.860	30.209
40	31.032	36.916	55.127	30.401	48.538	44.704	37.790
50	37.652	44.770	67.293	36.193	60.330	49.361	45.840
60	44.703	53.195	80.070	41.883	71.985	53.830	54.362
120	91.968	111.406	160.060	66.870	122.434	74.562	109.943
180	105.182	127.262	184.225	75.932	144.646	76.140	125.816
240	118.098	142.808	207.675	84.460	165.548	77.628	141.290
300	130.716	158.045	230.411	92.454	185.138	79.026	156.365

360	143.037	172.972	252.431	99.913	203.417	80.334	171.041
420	155.059	187.591	273.737	106.839	220.386	81.551	185.317
480	166.784	201.899	294.328	113.231	236.043	82.679	199.194
540	178.211	215.899	314.204	119.088	250.389	83.717	212.672
600	189.340	229.589	333.366	124.411	263.425	84.664	225.751
660	200.171	242.970	351.812	129.201	275.149	85.521	238.430
720	210.705	256.041	369.544	133.456	285.562	86.289	250.710

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.001	0.000	0.000
30	0.000	0.000	0.001	0.001	0.001	0.001	0.000
40	0.000	0.000	0.001	0.001	0.001	0.001	0.001
50	0.000	0.001	0.001	0.001	0.001	0.001	0.001
60	0.001	0.001	0.001	0.001	0.001	0.001	0.001
120	0.001	0.001	0.002	0.001	0.002	0.001	0.001
180	0.001	0.001	0.002	0.001	0.002	0.001	0.001
240	0.001	0.002	0.002	0.001	0.002	0.001	0.002
300	0.001	0.002	0.003	0.001	0.003	0.001	0.002
360	0.002	0.002	0.003	0.002	0.003	0.001	0.002
420	0.002	0.002	0.003	0.002	0.003	0.001	0.002
480	0.002	0.002	0.003	0.002	0.003	0.001	0.002
540	0.002	0.002	0.003	0.002	0.003	0.001	0.002
600	0.002	0.002	0.004	0.002	0.003	0.001	0.002
660	0.002	0.003	0.004	0.002	0.004	0.001	0.003
720	0.002	0.003	0.004	0.002	0.004	0.001	0.003

Pollutant Name: PM2.5 Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.001	0.001	0.001	0.001	0.001	0.011	0.001
10	0.001	0.002	0.002	0.001	0.002	0.010	0.002
20	0.002	0.004	0.003	0.001	0.004	0.008	0.003
30	0.003	0.006	0.005	0.002	0.005	0.006	0.004
40	0.004	0.008	0.006	0.002	0.007	0.005	0.006
50	0.005	0.009	0.007	0.002	0.008	0.004	0.007
60	0.006	0.011	0.009	0.003	0.009	0.003	0.008
120	0.009	0.016	0.012	0.004	0.013	0.008	0.011
180	0.009	0.017	0.013	0.004	0.013	0.012	0.012
240	0.010	0.018	0.014	0.004	0.013	0.016	0.013
300	0.010	0.019	0.014	0.005	0.014	0.019	0.013
360	0.011	0.019	0.015	0.005	0.014	0.022	0.014
420	0.011	0.020	0.015	0.005	0.015	0.024	0.014
480	0.012	0.021	0.016	0.005	0.015	0.026	0.015
540	0.012	0.021	0.016	0.005	0.015	0.028	0.015
600	0.012	0.022	0.017	0.005	0.016	0.029	0.016
660	0.012	0.022	0.017	0.006	0.016	0.030	0.016
720	0.013	0.023	0.018	0.006	0.017	0.030	0.016

Title   : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season   : Annual
Area   : San Bernardino (SC)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

San Bernardino (SC) San Bernardino (SC) San Bernardino (SC)

Table 4: Hot Soak Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.055	0.052	0.031	0.012	0.063	0.104	0.048
10	0.103	0.097	0.058	0.022	0.117	0.193	0.088
20	0.176	0.167	0.100	0.038	0.200	0.332	0.151
30	0.227	0.215	0.130	0.050	0.257	0.432	0.195
40	0.246	0.234	0.141	0.054	0.278	0.471	0.212

Hot soak results are scaled to reflect zero emissions for trip lengths of less than 5 minutes (about 25% of in-use trips).

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : San Bernardino (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

San Bernardino (SC) San Bernardino (SC) San Bernardino (SC)

Table 5a: Partial Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.112	0.105	0.075	0.007	0.003	0.205	0.105

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : San Bernardino (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

San Bernardino (SC) San Bernardino (SC) San Bernardino (SC)

Table 5b: Multi-Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.009	0.008	0.006	0.000	0.001	0.018	0.008

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : San Bernardino (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual

Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

San Bernardino (SC) San Bernardino (SC) San Bernardino (SC)

Table 6a: Partial Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.043	0.042	0.031	0.004	0.002	0.074	0.041

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : San Bernardino (SC)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

San Bernardino (SC) San Bernardino (SC) San Bernardino (SC)

Table 6b: Multi-Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.003	0.003	0.002	0.000	0.000	0.006	0.003

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : San Bernardino (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

San Bernardino (SC) San Bernardino (SC) San Bernardino (SC)

Table 7: Estimated Travel Fractions

Pollutant Name: Temperature: ALL Relative Humidity: ALL

	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
%VMT	0.474	0.315	0.151	0.052	0.001	0.007	1.000
%TRIP	0.445	0.280	0.208	0.057	0.000	0.010	1.000
%VEH	0.487	0.306	0.143	0.029	0.000	0.035	1.000

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : San Bernardino (SC)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

San Bernardino (SC) San Bernardino (SC) San Bernardino (SC)

Table 8: Evaporative Running Loss Emissions (grams/minute)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
1	0.029	0.356	0.288	0.145	0.401	0.075	0.178
2	0.033	0.187	0.151	0.080	0.216	0.110	0.102
3	0.037	0.133	0.107	0.058	0.156	0.127	0.079
4	0.040	0.107	0.086	0.047	0.127	0.137	0.069
5	0.042	0.092	0.074	0.041	0.110	0.144	0.063
10	0.047	0.064	0.051	0.029	0.077	0.160	0.053
15	0.048	0.058	0.046	0.025	0.067	0.167	0.051
20	0.049	0.057	0.046	0.023	0.063	0.171	0.050
25	0.049	0.058	0.047	0.022	0.061	0.174	0.051
30	0.049	0.057	0.046	0.022	0.061	0.173	0.051
35	0.048	0.056	0.046	0.022	0.060	0.171	0.050
40	0.048	0.056	0.045	0.022	0.060	0.170	0.050
45	0.048	0.055	0.045	0.022	0.059	0.168	0.049
50	0.047	0.055	0.044	0.022	0.059	0.165	0.048
55	0.046	0.054	0.044	0.021	0.059	0.160	0.047
60	0.044	0.053	0.043	0.021	0.058	0.157	0.047

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SS)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SS) Riverside (SS) Riverside (SS)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.076	0.109	0.132	1.077	1.914	2.395	0.249

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	2.463	3.384	3.267	6.377	26.218	22.794	3.528

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.253	0.465	0.797	17.467	17.832	1.393	2.785

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL

30	341.160	423.419	575.430	1821.671	1698.191	126.446	598.452

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.003	0.004	0.006	0.017	0.017	0.002	0.006

Pollutant Name: PM2.5 Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.009	0.017	0.017	0.568	0.141	0.022	0.090

Pollutant Name: PM2.5 - Tire Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.002	0.002	0.002	0.008	0.003	0.001	0.003

Pollutant Name: PM2.5 - Brake Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.005	0.005	0.005	0.011	0.005	0.003	0.006

Pollutant Name: Gasoline - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	25.701	20.609	15.161	14.794	13.739	52.120	22.708

Pollutant Name: Diesel - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	27.922	29.043	19.662	5.366	3.384	0.000	6.839

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SS)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SS) Riverside (SS) Riverside (SS)

Table 2: Starting Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL

5	0.091	0.101	0.176	0.615	1.406	1.421	0.153
10	0.146	0.162	0.297	0.791	1.985	1.486	0.229
20	0.250	0.277	0.523	1.126	3.071	1.639	0.373
30	0.344	0.382	0.729	1.438	4.059	1.822	0.505
40	0.429	0.477	0.913	1.726	4.950	2.038	0.625
50	0.505	0.563	1.077	1.991	5.743	2.284	0.733
60	0.569	0.634	1.215	2.189	6.359	2.425	0.821
120	0.718	0.795	1.420	2.107	6.378	2.187	0.966
180	0.643	0.724	1.386	2.249	6.793	2.309	0.915
240	0.681	0.767	1.468	2.388	7.197	2.481	0.970
300	0.719	0.810	1.548	2.524	7.590	2.651	1.024
360	0.756	0.852	1.627	2.657	7.973	2.821	1.077
420	0.792	0.893	1.703	2.787	8.345	2.989	1.129
480	0.827	0.933	1.778	2.913	8.706	3.156	1.179
540	0.862	0.972	1.851	3.036	9.057	3.322	1.229
600	0.895	1.010	1.923	3.157	9.397	3.487	1.277
660	0.928	1.048	1.993	3.274	9.727	3.651	1.324
720	0.960	1.084	2.060	3.388	10.046	3.814	1.371

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.831	1.010	1.950	7.120	15.700	5.304	1.513
10	1.406	1.729	3.412	9.608	25.314	5.224	2.403
20	2.497	3.096	6.174	14.318	43.385	5.134	4.091
30	3.512	4.367	8.720	18.674	59.910	5.137	5.656
40	4.451	5.542	11.050	22.675	74.891	5.234	7.098
50	5.313	6.621	13.165	26.323	88.328	5.424	8.416
60	6.099	7.603	15.065	29.615	100.221	5.708	9.612
120	8.548	10.416	17.479	30.064	101.288	7.948	12.028
180	7.075	8.794	16.242	32.530	106.239	9.418	10.826
240	7.540	9.367	17.125	34.845	111.063	11.314	11.524
300	7.966	9.891	17.951	37.009	115.758	13.002	12.168
360	8.352	10.367	18.721	39.022	120.326	14.483	12.759
420	8.699	10.794	19.435	40.884	124.765	15.758	13.297
480	9.006	11.173	20.093	42.596	129.076	16.825	13.782
540	9.275	11.504	20.695	44.156	133.259	17.685	14.214
600	9.504	11.786	21.241	45.565	137.315	18.339	14.592
660	9.693	12.020	21.730	46.824	141.242	18.785	14.918
720	9.844	12.206	22.164	47.931	145.041	19.024	15.190

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.237	0.384	0.777	0.660	2.976	0.228	0.402
10	0.273	0.436	0.928	0.971	4.452	0.255	0.481
20	0.336	0.528	1.194	1.518	7.045	0.304	0.619
30	0.389	0.604	1.414	1.964	9.158	0.346	0.733
40	0.431	0.664	1.587	2.309	10.792	0.381	0.823
50	0.462	0.710	1.713	2.554	11.947	0.408	0.889
60	0.482	0.739	1.792	2.697	12.622	0.427	0.930
120	0.506	0.781	1.870	2.728	12.762	0.433	0.969
180	0.514	0.793	1.877	2.716	12.713	0.425	0.977
240	0.511	0.787	1.864	2.698	12.638	0.413	0.970
300	0.505	0.778	1.846	2.675	12.537	0.399	0.959
360	0.497	0.766	1.821	2.645	12.411	0.381	0.946
420	0.487	0.751	1.790	2.610	12.260	0.361	0.929
480	0.476	0.733	1.753	2.569	12.083	0.338	0.909
540	0.463	0.712	1.709	2.522	11.880	0.311	0.886
600	0.447	0.688	1.660	2.469	11.652	0.282	0.860
660	0.430	0.661	1.604	2.410	11.399	0.250	0.830
720	0.411	0.630	1.543	2.346	11.120	0.216	0.797

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	11.247	13.909	18.045	9.226	16.477	26.734	13.223
10	13.583	16.657	22.626	12.250	21.877	29.415	16.128

20	18.606	22.601	32.304	18.222	32.542	34.639	22.316
30	24.097	29.144	42.669	24.094	43.029	39.676	29.006
40	30.054	36.285	53.721	29.867	53.337	44.526	36.199
50	36.479	44.024	65.461	35.539	63.467	49.190	43.895
60	43.370	52.361	77.887	41.111	73.418	53.668	52.093
120	90.964	110.975	158.659	65.585	117.126	74.425	107.112
180	103.972	126.744	182.172	74.434	132.928	76.075	122.444
240	116.724	142.232	205.074	82.761	147.799	77.632	137.434
300	129.220	157.438	227.367	90.567	161.739	79.093	152.080
360	141.460	172.363	249.050	97.851	174.747	80.461	166.385
420	153.445	187.007	270.124	104.614	186.824	81.734	180.346
480	165.174	201.370	290.587	110.855	197.970	82.913	193.965
540	176.647	215.452	310.440	116.575	208.185	83.997	207.241
600	187.864	229.253	329.684	121.773	217.468	84.987	220.174
660	198.826	242.772	348.318	126.450	225.820	85.882	232.765
720	209.532	256.010	366.341	130.605	233.241	86.684	245.013

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.001	0.000	0.000
20	0.000	0.000	0.000	0.000	0.001	0.000	0.000
30	0.000	0.000	0.001	0.001	0.001	0.001	0.000
40	0.000	0.000	0.001	0.001	0.002	0.001	0.000
50	0.000	0.001	0.001	0.001	0.002	0.001	0.001
60	0.001	0.001	0.001	0.001	0.002	0.001	0.001
120	0.001	0.001	0.002	0.001	0.003	0.001	0.001
180	0.001	0.001	0.002	0.001	0.003	0.001	0.001
240	0.001	0.002	0.002	0.001	0.003	0.001	0.002
300	0.001	0.002	0.003	0.002	0.004	0.001	0.002
360	0.002	0.002	0.003	0.002	0.004	0.001	0.002
420	0.002	0.002	0.003	0.002	0.004	0.001	0.002
480	0.002	0.002	0.003	0.002	0.004	0.001	0.002
540	0.002	0.002	0.003	0.002	0.004	0.001	0.002
600	0.002	0.002	0.004	0.002	0.004	0.001	0.002
660	0.002	0.003	0.004	0.002	0.005	0.001	0.002
720	0.002	0.003	0.004	0.002	0.005	0.001	0.003

Pollutant Name: PM2.5 Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.001	0.001	0.001	0.001	0.001	0.011	0.001
10	0.001	0.002	0.002	0.001	0.002	0.010	0.001
20	0.002	0.004	0.003	0.002	0.003	0.008	0.003
30	0.003	0.005	0.004	0.002	0.004	0.006	0.004
40	0.004	0.007	0.006	0.002	0.005	0.005	0.005
50	0.004	0.008	0.007	0.003	0.006	0.004	0.006
60	0.005	0.010	0.008	0.003	0.006	0.003	0.007
120	0.007	0.014	0.011	0.005	0.009	0.008	0.010
180	0.008	0.015	0.012	0.005	0.010	0.012	0.011
240	0.008	0.016	0.013	0.005	0.010	0.016	0.011
300	0.009	0.017	0.013	0.005	0.010	0.019	0.012
360	0.009	0.018	0.014	0.005	0.011	0.022	0.012
420	0.010	0.019	0.014	0.006	0.011	0.024	0.013
480	0.010	0.019	0.015	0.006	0.012	0.026	0.013
540	0.010	0.020	0.015	0.006	0.012	0.028	0.014
600	0.011	0.020	0.016	0.006	0.012	0.029	0.014
660	0.011	0.021	0.016	0.006	0.013	0.029	0.014
720	0.011	0.021	0.016	0.007	0.013	0.030	0.015

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
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Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SS)

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Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SS) Riverside (SS) Riverside (SS)

Table 4: Hot Soak Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.049	0.048	0.031	0.012	0.156	0.090	0.044
10	0.091	0.088	0.058	0.023	0.287	0.167	0.081
20	0.156	0.152	0.100	0.039	0.489	0.289	0.139
30	0.202	0.196	0.130	0.051	0.626	0.377	0.179
40	0.219	0.213	0.141	0.055	0.676	0.411	0.194

Hot soak results are scaled to reflect zero emissions for trip lengths of less than 5 minutes (about 25% of in-use trips).

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SS)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SS) Riverside (SS) Riverside (SS)

Table 5a: Partial Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.098	0.095	0.068	0.003	0.008	0.196	0.092

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SS)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SS) Riverside (SS) Riverside (SS)

Table 5b: Multi-Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.008	0.008	0.005	0.000	0.003	0.017	0.007

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SS)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SS) Riverside (SS) Riverside (SS)

Table 6a: Partial Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.037	0.038	0.028	0.002	0.004	0.069	0.035

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SS)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SS) Riverside (SS) Riverside (SS)

Table 6b: Multi-Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.003	0.003	0.002	0.000	0.001	0.006	0.003

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SS)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SS) Riverside (SS) Riverside (SS)

Table 7: Estimated Travel Fractions

Pollutant Name: Temperature: ALL Relative Humidity: ALL

	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
%VMT	0.448	0.278	0.128	0.138	0.001	0.007	1.000
%TRIP	0.474	0.272	0.183	0.062	0.000	0.008	1.000
%VEH	0.504	0.289	0.131	0.047	0.000	0.028	1.000

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
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Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (SS)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (SS) Riverside (SS) Riverside (SS)

Table 8: Evaporative Running Loss Emissions (grams/minute)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
1	0.021	0.322	0.260	0.040	0.941	0.057	0.139
2	0.025	0.169	0.136	0.022	0.496	0.093	0.080
3	0.029	0.119	0.097	0.016	0.350	0.110	0.062
4	0.032	0.096	0.078	0.013	0.279	0.120	0.054
5	0.034	0.082	0.067	0.012	0.237	0.127	0.050
10	0.039	0.058	0.047	0.008	0.157	0.142	0.042
15	0.041	0.053	0.043	0.007	0.135	0.149	0.041
20	0.042	0.052	0.042	0.007	0.127	0.153	0.041
25	0.043	0.053	0.043	0.007	0.125	0.156	0.042
30	0.042	0.053	0.043	0.007	0.124	0.155	0.041
35	0.042	0.052	0.042	0.007	0.123	0.154	0.041
40	0.042	0.052	0.042	0.007	0.122	0.153	0.041
45	0.042	0.051	0.042	0.007	0.121	0.152	0.040
50	0.041	0.051	0.041	0.007	0.121	0.149	0.040
55	0.040	0.050	0.041	0.006	0.120	0.146	0.039
60	0.039	0.050	0.041	0.006	0.119	0.143	0.039

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (MD/SCAQMD)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (MD/SCAQMD) Riverside (MD/SCAQMD) Riverside (MD/SCAQMD)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.194	0.406	0.275	1.074	0.000	2.409	1.026

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	4.239	8.205	5.049	5.675	0.000	22.991	5.743

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL

30	0.493	1.111	1.861	18.531	0.000	1.392	17.359

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	345.383	421.689	571.222	1917.678	0.000	125.899	1817.064

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.003	0.004	0.006	0.018	0.000	0.002	0.017

Pollutant Name: PM2.5 Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.011	0.022	0.025	0.588	0.000	0.022	0.550

Pollutant Name: PM2.5 - Tire Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.002	0.002	0.002	0.009	0.000	0.001	0.009

Pollutant Name: PM2.5 - Brake Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.005	0.005	0.005	0.012	0.000	0.003	0.012

Pollutant Name: Gasoline - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	25.213	20.169	14.982	14.602	0.000	52.180	21.420

Pollutant Name: Diesel - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	27.394	28.777	19.140	5.241	3.384	0.000	5.319

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (MD/SCAQMD)

****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Table 2: Starting Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.178	0.286	0.313	0.140	0.000	1.495	0.185
10	0.273	0.416	0.514	0.165	0.000	1.556	0.244
20	0.451	0.659	0.888	0.213	0.000	1.704	0.355
30	0.613	0.881	1.225	0.260	0.000	1.887	0.458
40	0.759	1.083	1.525	0.305	0.000	2.105	0.554
50	0.889	1.263	1.788	0.349	0.000	2.357	0.642
60	0.995	1.408	2.004	0.380	0.000	2.499	0.709
120	1.155	1.549	2.143	0.329	0.000	2.248	0.715
180	1.065	1.474	2.172	0.353	0.000	2.380	0.718
240	1.128	1.562	2.299	0.376	0.000	2.558	0.762
300	1.190	1.649	2.423	0.399	0.000	2.735	0.806
360	1.251	1.734	2.543	0.422	0.000	2.911	0.848
420	1.310	1.817	2.660	0.444	0.000	3.086	0.890
480	1.368	1.897	2.774	0.466	0.000	3.260	0.931
540	1.424	1.976	2.885	0.487	0.000	3.432	0.971
600	1.479	2.053	2.992	0.508	0.000	3.604	1.010
660	1.533	2.127	3.096	0.528	0.000	3.774	1.048
720	1.585	2.200	3.197	0.549	0.000	3.944	1.085

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	1.528	2.568	3.222	1.445	0.000	5.394	1.765
10	2.481	4.027	5.583	2.032	0.000	5.285	2.633
20	4.286	6.787	10.029	3.140	0.000	5.143	4.273
30	5.958	9.336	14.108	4.162	0.000	5.101	5.784
40	7.495	11.675	17.819	5.096	0.000	5.159	7.167
50	8.900	13.803	21.161	5.943	0.000	5.317	8.422
60	10.170	15.720	24.136	6.704	0.000	5.575	9.549
120	13.334	19.353	25.704	6.267	0.000	7.842	10.110
180	11.440	17.387	25.062	6.743	0.000	9.390	9.995
240	12.150	18.437	26.249	7.191	0.000	11.320	10.612
300	12.808	19.417	27.386	7.612	0.000	13.039	11.191
360	13.413	20.328	28.473	8.006	0.000	14.546	11.732
420	13.966	21.169	29.508	8.373	0.000	15.841	12.235
480	14.466	21.940	30.493	8.713	0.000	16.924	12.700
540	14.914	22.642	31.427	9.026	0.000	17.795	13.128
600	15.309	23.274	32.310	9.311	0.000	18.455	13.518
660	15.652	23.836	33.142	9.570	0.000	18.902	13.870
720	15.943	24.329	33.924	9.802	0.000	19.138	14.185

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.339	0.511	0.917	0.084	0.000	0.228	0.229
10	0.398	0.609	1.173	0.122	0.000	0.255	0.294
20	0.503	0.783	1.623	0.188	0.000	0.303	0.409
30	0.590	0.926	1.993	0.243	0.000	0.344	0.503
40	0.658	1.039	2.281	0.285	0.000	0.378	0.576
50	0.708	1.122	2.488	0.315	0.000	0.405	0.629
60	0.740	1.174	2.613	0.332	0.000	0.425	0.661
120	0.772	1.222	2.692	0.336	0.000	0.431	0.679
180	0.784	1.237	2.694	0.335	0.000	0.422	0.681
240	0.778	1.227	2.677	0.332	0.000	0.411	0.676
300	0.769	1.213	2.653	0.329	0.000	0.396	0.669
360	0.757	1.194	2.621	0.325	0.000	0.379	0.660
420	0.742	1.172	2.582	0.321	0.000	0.358	0.650
480	0.725	1.145	2.535	0.315	0.000	0.335	0.637
540	0.705	1.114	2.481	0.309	0.000	0.309	0.622
600	0.682	1.078	2.420	0.302	0.000	0.280	0.606
660	0.657	1.038	2.351	0.295	0.000	0.248	0.587
720	0.628	0.994	2.275	0.286	0.000	0.213	0.567

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	11.770	14.407	15.357	2.102	0.000	26.869	5.727
10	14.451	17.886	20.498	2.536	0.000	29.546	7.136
20	20.105	25.119	31.070	3.392	0.000	34.758	10.028
30	26.151	32.720	42.028	4.229	0.000	39.784	13.016
40	32.588	40.690	53.373	5.047	0.000	44.622	16.102
50	39.417	49.028	65.105	5.847	0.000	49.274	19.284
60	46.636	57.734	77.223	6.629	0.000	53.738	22.564
120	93.607	111.388	147.170	10.107	0.000	74.445	41.612
180	106.901	127.009	169.721	11.120	0.000	76.030	47.274
240	119.861	142.165	191.442	12.074	0.000	77.524	52.739
300	132.488	156.854	212.335	12.968	0.000	78.928	58.007
360	144.781	171.077	232.398	13.802	0.000	80.242	63.077
420	156.741	184.833	251.633	14.577	0.000	81.465	67.951
480	168.368	198.123	270.039	15.292	0.000	82.597	72.627
540	179.662	210.947	287.615	15.947	0.000	83.639	77.105
600	190.622	223.304	304.363	16.543	0.000	84.591	81.386
660	201.249	235.195	320.282	17.079	0.000	85.452	85.470
720	211.542	246.620	335.371	17.556	0.000	86.222	89.357

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.001	0.000	0.000	0.001	0.000
40	0.000	0.001	0.001	0.000	0.000	0.001	0.000
50	0.001	0.001	0.001	0.000	0.000	0.001	0.000
60	0.001	0.001	0.001	0.000	0.000	0.001	0.000
120	0.001	0.001	0.002	0.000	0.000	0.001	0.001
180	0.001	0.002	0.002	0.000	0.000	0.001	0.001
240	0.001	0.002	0.002	0.000	0.000	0.001	0.001
300	0.002	0.002	0.003	0.000	0.000	0.001	0.001
360	0.002	0.002	0.003	0.000	0.000	0.001	0.001
420	0.002	0.002	0.003	0.000	0.000	0.001	0.001
480	0.002	0.002	0.003	0.000	0.000	0.001	0.001
540	0.002	0.002	0.003	0.000	0.000	0.001	0.001
600	0.002	0.003	0.004	0.000	0.000	0.001	0.001
660	0.002	0.003	0.004	0.000	0.000	0.001	0.001
720	0.002	0.003	0.004	0.000	0.000	0.001	0.001

Pollutant Name: PM2.5 Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.001	0.002	0.001	0.000	0.000	0.011	0.001
10	0.001	0.003	0.002	0.000	0.000	0.010	0.001
20	0.003	0.005	0.003	0.000	0.000	0.008	0.001
30	0.004	0.007	0.005	0.000	0.000	0.006	0.002
40	0.005	0.009	0.006	0.000	0.000	0.005	0.002
50	0.006	0.010	0.007	0.000	0.000	0.004	0.003
60	0.006	0.012	0.008	0.000	0.000	0.003	0.003
120	0.009	0.017	0.012	0.000	0.000	0.008	0.004
180	0.010	0.018	0.013	0.000	0.000	0.012	0.005
240	0.011	0.019	0.013	0.001	0.000	0.016	0.005
300	0.011	0.020	0.014	0.001	0.000	0.019	0.005
360	0.012	0.021	0.014	0.001	0.000	0.022	0.005
420	0.012	0.022	0.015	0.001	0.000	0.024	0.006
480	0.012	0.022	0.015	0.001	0.000	0.026	0.006
540	0.013	0.023	0.016	0.001	0.000	0.028	0.006
600	0.013	0.024	0.016	0.001	0.000	0.029	0.006
660	0.013	0.024	0.016	0.001	0.000	0.030	0.006
720	0.014	0.025	0.017	0.001	0.000	0.030	0.006

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (MD/SCAQMD)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (MD/SCAQMD) Riverside (MD/SCAQMD) Riverside (MD/SCAQMD)

Table 4: Hot Soak Emissions (grams/trip)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
5	0.090	0.121	0.060	0.003	0.000	0.109	0.030
10	0.167	0.223	0.110	0.005	0.000	0.203	0.056
20	0.285	0.380	0.189	0.009	0.000	0.349	0.096
30	0.366	0.489	0.243	0.012	0.000	0.454	0.123
40	0.396	0.530	0.264	0.012	0.000	0.495	0.134

Hot soak results are scaled to reflect zero emissions for trip lengths of less than 5 minutes (about 25% of in-use trips).

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (MD/SCAQMD)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (MD/SCAQMD) Riverside (MD/SCAQMD) Riverside (MD/SCAQMD)

Table 5a: Partial Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.152	0.201	0.096	0.000	0.000	0.210	0.043

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (MD/SCAQMD)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (MD/SCAQMD) Riverside (MD/SCAQMD) Riverside (MD/SCAQMD)

Table 5b: Multi-Day Diurnal Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp

degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.012	0.015	0.007	0.000	0.000	0.018	0.003

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (MD/SCAQMD)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (MD/SCAQMD) Riverside (MD/SCAQMD) Riverside (MD/SCAQMD)

Table 6a: Partial Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.063	0.086	0.040	0.000	0.000	0.078	0.018

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (MD/SCAQMD)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (MD/SCAQMD) Riverside (MD/SCAQMD) Riverside (MD/SCAQMD)

Table 6b: Multi-Day Resting Loss Emissions (grams/hour)

Pollutant Name: Reactive Org Gases Temperature: ALL Relative Humidity: ALL

Temp degF	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
65	0.005	0.006	0.003	0.000	0.000	0.007	0.001

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (MD/SCAQMD)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (MD/SCAQMD) Riverside (MD/SCAQMD) Riverside (MD/SCAQMD)

Table 7: Estimated Travel Fractions

Pollutant Name: Temperature: ALL Relative Humidity: ALL

	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
%VMT	0.022	0.032	0.011	0.933	0.000	0.001	1.000
%TRIP	0.087	0.123	0.083	0.700	0.000	0.007	1.000
%VEH	0.079	0.114	0.038	0.749	0.000	0.020	1.000

Title : West Adams Community Plan Update Project for Existing Year 2008 PM2.5
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/09/13 09:14:39
Scen Year: 2008 -- All model years in the range 1965 to 2008 selected
Season : Annual
Area : Riverside (MD/SCAQMD)
****

Year: 2008 -- Model Years 1965 to 2008 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Riverside (MD/SCAQMD) Riverside (MD/SCAQMD) Riverside (MD/SCAQMD)

Table 8: Evaporative Running Loss Emissions (grams/minute)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: ALL

Time min	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
1	0.057	0.801	0.621	0.004	0.000	0.084	0.038
2	0.058	0.425	0.328	0.002	0.000	0.119	0.021
3	0.062	0.301	0.232	0.001	0.000	0.136	0.015
4	0.065	0.241	0.185	0.001	0.000	0.146	0.013
5	0.068	0.206	0.157	0.001	0.000	0.153	0.011
10	0.073	0.139	0.104	0.001	0.000	0.171	0.008
15	0.076	0.121	0.089	0.001	0.000	0.179	0.007
20	0.079	0.115	0.084	0.001	0.000	0.184	0.007
25	0.081	0.114	0.082	0.001	0.000	0.189	0.007
30	0.080	0.113	0.081	0.001	0.000	0.188	0.007
35	0.080	0.112	0.080	0.001	0.000	0.187	0.007
40	0.080	0.112	0.080	0.001	0.000	0.185	0.007
45	0.079	0.111	0.079	0.001	0.000	0.184	0.007
50	0.078	0.110	0.079	0.001	0.000	0.181	0.007
55	0.075	0.109	0.078	0.001	0.000	0.176	0.007
60	0.073	0.108	0.078	0.001	0.000	0.173	0.007

Title   : West Adams Community Plan Update Project for Future With Project Year 2030 PM10
Version : Emfac2007 V2.3 Nov 1 2006 ** WIS Enabled **
Run Date : 2011/08/09 11:57:35
Scen Year: 2030 -- All model years in the range 1986 to 2030 selected
Season   : Annual
Area   : Los Angeles (SC)
****

Year: 2030 -- Model Years 1986 to 2030 Inclusive -- Annual
Emfac2007 Emission Factors: V2.3 Nov 1 2006 ** WIS Enabled **

Los Angeles (SC) Los Angeles (SC) Los Angeles (SC)

Table 1: Running Exhaust Emissions (grams/mile)

Pollutant Name: Reactive Org Gases Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.009	0.017	0.028	0.223	0.363	1.890	0.035

Pollutant Name: Carbon Monoxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.597	1.092	1.224	1.306	3.044	14.588	0.939

Pollutant Name: Oxides of Nitrogen Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.048	0.104	0.199	2.379	7.530	1.218	0.233

Pollutant Name: Carbon Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	330.353	423.481	573.691	1621.929	1724.748	144.415	461.796

Pollutant Name: Sulfur Dioxide Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.003	0.004	0.006	0.015	0.017	0.002	0.004

Pollutant Name: PM10 Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.011	0.025	0.025	0.091	0.121	0.014	0.022

Pollutant Name: PM10 - Tire Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	0.008	0.008	0.009	0.025	0.010	0.004	0.009

Pollutant Name: PM10 - Brake Wear Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL

30	0.013	0.013	0.013	0.021	0.013	0.006	0.013

Pollutant Name: Gasoline - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	26.744	20.836	15.306	15.523	15.378	51.046	23.395

Pollutant Name: Diesel - mi/gal Temperature: 65F Relative Humidity: 15%

Speed MPH	LDA	LDT	MDT	HDT	UBUS	MCY	ALL
30	29.156	29.156	19.452	5.766	4.026	0.000	7.578

Appendix E

CO Hot-Spot Analysis

West Adams New Community Plan -Concentrations of CO Hot-Spot Analysis

2030 with Project PM PEAK					
	1-Hour Bckgrnd Conc.	8-Hour Bckgrnd Conc.	Model RESULTS	Parts Per Million	
Segments			1-hour	1-hour	8-hour
Florence Avenue and Hyde Park Boulevard	3	2.20	0.4	3	2.5
State Standard				20	9.0

2030 with Project PM PEAK					
	1-Hour Bckgrnd Conc.	8-Hour Bckgrnd Conc.	Model RESULTS	Parts Per Million	
Segments			1-hour	1-hour	8-hour
La Brea and Santa Rosalia Drive	2.5	1.75	0.3	3	2.0
State Standard				20	9.0

Appendix F

SCAQMD Rule 403

(Adopted May 7, 1976) (Amended November 6, 1992)
(Amended July 9, 1993) (Amended February 14, 1997)
(Amended December 11, 1998)(Amended April 2, 2004)
(Amended June 3, 2005)

RULE 403. FUGITIVE DUST

(a) Purpose

The purpose of this Rule is to reduce the amount of particulate matter entrained in the ambient air as a result of anthropogenic (man-made) fugitive dust sources by requiring actions to prevent, reduce or mitigate fugitive dust emissions.

(b) Applicability

The provisions of this Rule shall apply to any activity or man-made condition capable of generating fugitive dust.

(c) Definitions

(1) ACTIVE OPERATIONS means any source capable of generating fugitive dust, including, but not limited to, earth-moving activities, construction/demolition activities, disturbed surface area, or heavy- and light-duty vehicular movement.

(2) AGGREGATE-RELATED PLANTS are defined as facilities that produce and / or mix sand and gravel and crushed stone.

(3) AGRICULTURAL HANDBOOK means the region-specific guidance document that has been approved by the Governing Board or hereafter approved by the Executive Officer and the U.S. EPA. For the South Coast Air Basin, the Board-approved region-specific guidance document is the Rule 403 Agricultural Handbook dated December 1998. For the Coachella Valley, the Board-approved region-specific guidance document is the Rule 403 Coachella Valley Agricultural Handbook dated April 2, 2004.

(4) ANEMOMETERS are devices used to measure wind speed and direction in accordance with the performance standards, and maintenance and calibration criteria as contained in the most recent Rule 403 Implementation Handbook.

(5) BEST AVAILABLE CONTROL MEASURES means fugitive dust control actions that are set forth in Table 1 of this Rule.

(6) BULK MATERIAL is sand, gravel, soil, aggregate material less than two inches in length or diameter, and other organic or inorganic particulate matter.

(7) CEMENT MANUFACTURING FACILITY is any facility that has a cement kiln at the facility.

(8) CHEMICAL STABILIZERS are any non-toxic chemical dust suppressant which must not be used if prohibited for use by the Regional Water Quality Control Boards, the California Air Resources Board, the U.S. Environmental Protection Agency (U.S. EPA), or any applicable law, rule or regulation. The chemical stabilizers shall meet any specifications, criteria, or tests required by any federal, state, or local water agency. Unless otherwise indicated, the use of a non-toxic chemical stabilizer shall be of sufficient concentration and application frequency to maintain a stabilized surface.

(9) COMMERCIAL POULTRY RANCH means any building, structure, enclosure, or premises where more than 100 fowl are kept or maintained for the primary purpose of producing eggs or meat for sale or other distribution.

(10) CONFINED ANIMAL FACILITY means a source or group of sources of air pollution at an agricultural source for the raising of 3,360 or more fowl or 50 or more animals, including but not limited to, any structure, building, installation, farm, corral, coop, feed storage area, milking parlor, or system for the collection, storage, or distribution of solid and liquid manure; if domesticated animals, including horses, sheep, goats, swine, beef cattle, rabbits, chickens, turkeys, or ducks are corralled, penned, or otherwise caused to remain in restricted areas for commercial agricultural purposes and feeding is by means other than grazing.

(11) CONSTRUCTION/DEMOLITION ACTIVITIES means any on-site mechanical activities conducted in preparation of, or related to, the building, alteration, rehabilitation, demolition or improvement of property, including, but not limited to the following activities: grading, excavation, loading, crushing, cutting, planing, shaping or ground breaking.

(12) CONTRACTOR means any person who has a contractual arrangement to conduct an active operation for another person.

(13) DAIRY FARM is an operation on a property, or set of properties that are contiguous or separated only by a public right-of-way, that raises cows or

produces milk from cows for the purpose of making a profit or for a livelihood. Heifer and calf farms are dairy farms.

(14) DISTURBED SURFACE AREA means a portion of the earth's surface which has been physically moved, uncovered, destabilized, or otherwise modified from its undisturbed natural soil condition, thereby increasing the potential for emission of fugitive dust. This definition excludes those areas which have:

(A) been restored to a natural state, such that the vegetative ground cover and soil characteristics are similar to adjacent or nearby natural conditions;

(B) been paved or otherwise covered by a permanent structure; or

(C) sustained a vegetative ground cover of at least 70 percent of the native cover for a particular area for at least 30 days.

(15) DUST SUPPRESSANTS are water, hygroscopic materials, or non-toxic chemical stabilizers used as a treatment material to reduce fugitive dust emissions.

(16) EARTH-MOVING ACTIVITIES means the use of any equipment for any activity where soil is being moved or uncovered, and shall include, but not be limited to the following: grading, earth cutting and filling operations, loading or unloading of dirt or bulk materials, adding to or removing from open storage piles of bulk materials, landfill operations, weed abatement through disking, and soil mulching.

(17) DUST CONTROL SUPERVISOR means a person with the authority to expeditiously employ sufficient dust mitigation measures to ensure compliance with all Rule 403 requirements at an active operation.

(18) FUGITIVE DUST means any solid particulate matter that becomes airborne, other than that emitted from an exhaust stack, directly or indirectly as a result of the activities of any person.

(19) HIGH WIND CONDITIONS means that instantaneous wind speeds exceed 25 miles per hour.

(20) INACTIVE DISTURBED SURFACE AREA means any disturbed surface area upon which active operations have not occurred or are not expected to occur for a period of 20 consecutive days.

(21) LARGE OPERATIONS means any active operations on property which contains 50 or more acres of disturbed surface area; or any earth-moving operation with a daily earth-moving or throughput volume of 3,850 cubic

meters (5,000 cubic yards) or more three times during the most recent 365-day period.

(22) OPEN STORAGE PILE is any accumulation of bulk material, which is not fully enclosed, covered or chemically stabilized, and which attains a height of three feet or more and a total surface area of 150 or more square feet.

(23) PARTICULATE MATTER means any material, except uncombined water, which exists in a finely divided form as a liquid or solid at standard conditions.

(24) PAVED ROAD means a public or private improved street, highway, alley, public way, or easement that is covered by typical roadway materials, but excluding access roadways that connect a facility with a public paved roadway and are not open to through traffic. Public paved roads are those open to public access and that are owned by any federal, state, county, municipal or any other governmental or quasi-governmental agencies. Private paved roads are any paved roads not defined as public.

(25) PM_{10} means particulate matter with an aerodynamic diameter smaller than or equal to 10 microns as measured by the applicable State and Federal reference test methods.

(26) PROPERTY LINE means the boundaries of an area in which either a person causing the emission or a person allowing the emission has the legal use or possession of the property. Where such property is divided into one or more sub-tenancies, the property line(s) shall refer to the boundaries dividing the areas of all sub-tenancies.

(27) RULE 403 IMPLEMENTATION HANDBOOK means a guidance document that has been approved by the Governing Board on April 2, 2004 or hereafter approved by the Executive Officer and the U.S. EPA.

(28) SERVICE ROADS are paved or unpaved roads that are used by one or more public agencies for inspection or maintenance of infrastructure and which are not typically used for construction-related activity.

(29) SIMULTANEOUS SAMPLING means the operation of two PM_{10} samplers in such a manner that one sampler is started within five minutes of the other, and each sampler is operated for a consecutive period which must be not less than 290 minutes and not more than 310 minutes.

(30) SOUTH COAST AIR BASIN means the non-desert portions of Los Angeles, Riverside, and San Bernardino counties and all of Orange

County as defined in California Code of Regulations, Title 17, Section 60104. The area is bounded on the west by the Pacific Ocean, on the north and east by the San Gabriel, San Bernardino, and San Jacinto Mountains, and on the south by the San Diego county line.

(31) STABILIZED SURFACE means any previously disturbed surface area or open storage pile which, through the application of dust suppressants, shows visual or other evidence of surface crusting and is resistant to wind-driven fugitive dust and is demonstrated to be stabilized. Stabilization can be demonstrated by one or more of the applicable test methods contained in the Rule 403 Implementation Handbook.

(32) TRACK-OUT means any bulk material that adheres to and agglomerates on the exterior surface of motor vehicles, haul trucks, and equipment (including tires) that have been released onto a paved road and can be removed by a vacuum sweeper or a broom sweeper under normal operating conditions.

(33) TYPICAL ROADWAY MATERIALS means concrete, asphaltic concrete, recycled asphalt, asphalt, or any other material of equivalent performance as determined by the Executive Officer, and the U.S. EPA.

(34) UNPAVED ROADS means any unsealed or unpaved roads, equipment paths, or travel ways that are not covered by typical roadway materials. Public unpaved roads are any unpaved roadway owned by federal, state, county, municipal or other governmental or quasi-governmental agencies. Private unpaved roads are all other unpaved roadways not defined as public.

(35) VISIBLE ROADWAY DUST means any sand, soil, dirt, or other solid particulate matter which is visible upon paved road surfaces and which can be removed by a vacuum sweeper or a broom sweeper under normal operating conditions.

(36) WIND-DRIVEN FUGITIVE DUST means visible emissions from any disturbed surface area which is generated by wind action alone.

(37) WIND GUST is the maximum instantaneous wind speed as measured by an anemometer.

(d) Requirements

(1) No person shall cause or allow the emissions of fugitive dust from any active operation, open storage pile, or disturbed surface area such that:

(A) the dust remains visible in the atmosphere beyond the property line of the emission source; or

(B) the dust emission exceeds 20 percent opacity (as determined by the appropriate test method included in the Rule 403 Implementation Handbook), if the dust emission is the result of movement of a motorized vehicle.

(2) No person shall conduct active operations without utilizing the applicable best available control measures included in Table 1 of this Rule to minimize fugitive dust emissions from each fugitive dust source type within the active operation.

(3) No person shall cause or allow PM_{10} levels to exceed 50 micrograms per cubic meter when determined, by simultaneous sampling, as the difference between upwind and downwind samples collected on high-volume particulate matter samplers or other U.S. EPA-approved equivalent method for PM_{10} monitoring. If sampling is conducted, samplers shall be:

(A) Operated, maintained, and calibrated in accordance with 40 Code of Federal Regulations (CFR), Part 50, Appendix J, or appropriate U.S. EPA-published documents for U.S. EPA-approved equivalent method(s) for PM_{10}.

(B) Reasonably placed upwind and downwind of key activity areas and as close to the property line as feasible, such that other sources of fugitive dust between the sampler and the property line are minimized.

(4) No person shall allow track-out to extend 25 feet or more in cumulative length from the point of origin from an active operation. Notwithstanding the preceding, all track-out from an active operation shall be removed at the conclusion of each workday or evening shift.

(5) No person shall conduct an active operation with a disturbed surface area of five or more acres, or with a daily import or export of 100 cubic yards or more of bulk material without utilizing at least one of the measures listed in subparagraphs (d)(5)(A) through (d)(5)(E) at each vehicle egress from the site to a paved public road.

(A) Install a pad consisting of washed gravel (minimum-size: one inch) maintained in a clean condition to a depth of at least six inches and extending at least 30 feet wide and at least 50 feet long.

(B) Pave the surface extending at least 100 feet and at least 20 feet wide.

(C) Utilize a wheel shaker/wheel spreading device consisting of raised dividers (rails, pipe, or grates) at least 24 feet long and 10 feet wide to remove bulk material from tires and vehicle undercarriages before vehicles exit the site.

(D) Install and utilize a wheel washing system to remove bulk material from tires and vehicle undercarriages before vehicles exit the site.

(E) Any other control measures approved by the Executive Officer and the U.S. EPA as equivalent to the actions specified in subparagraphs (d)(5)(A) through (d)(5)(D).

(6) Beginning January 1, 2006, any person who operates or authorizes the operation of a confined animal facility subject to this Rule shall implement the applicable conservation management practices specified in Table 4 of this Rule.

(e) Additional Requirements for Large Operations

(1) Any person who conducts or authorizes the conducting of a large operation subject to this Rule shall implement the applicable actions specified in Table 2 of this Rule at all times and shall implement the applicable actions specified in Table 3 of this Rule when the applicable performance standards can not be met through use of Table 2 actions; and shall:

(A) submit a fully executed Large Operation Notification (Form 403 N) to the Executive Officer within 7 days of qualifying as a large operation;

(B) include, as part of the notification, the name(s), address(es), and phone number(s) of the person(s) responsible for the submittal, and a description of the operation(s), including a map depicting the location of the site;

(C) maintain daily records to document the specific dust control actions taken, maintain such records for a period of not less than three years; and make such records available to the Executive Officer upon request;

(D) install and maintain project signage with project contact signage that meets the minimum standards of the Rule 403 Implementation Handbook, prior to initiating any earthmoving activities;

(E) identify a dust control supervisor that:

(i) is employed by or contracted with the property owner or developer;

(ii) is on the site or available on-site within 30 minutes during working hours;

(iii) has the authority to expeditiously employ sufficient dust mitigation measures to ensure compliance with all Rule requirements;

(iv) has completed the AQMD Fugitive Dust Control Class and has been issued a valid Certificate of Completion for the class; and

(F) notify the Executive Officer in writing within 30 days after the site no longer qualifies as a large operation as defined by paragraph (c)(18).

(2) Any Large Operation Notification submitted to the Executive Officer or AQMD-approved dust control plan shall be valid for a period of one year from the date of written acceptance by the Executive Officer. Any Large Operation Notification accepted pursuant to paragraph (e)(1), excluding those submitted by aggregate-related plants and cement manufacturing facilities must be resubmitted annually by the person who conducts or authorizes the conducting of a large operation, at least 30 days prior to the expiration date, or the submittal shall no longer be valid as of the expiration date. If all fugitive dust sources and corresponding control measures or special circumstances remain identical to those identified in the previously accepted submittal or in an AQMD-approved dust control plan, the re submittal may be a simple statement of no-change (Form 403NC).

(f) Compliance Schedule

The newly amended provisions of this Rule shall become effective upon adoption. Pursuant to subdivision (e), any existing site that qualifies as a large operation will have 60 days from the date of Rule adoption to comply with the notification and recordkeeping requirements for large operations. Any Large Operation

Notification or AQMD-approved dust control plan which has been accepted prior to the date of adoption of these amendments shall remain in effect and the Large Operation Notification or AQMD-approved dust control plan annual resubmittal date shall be one year from adoption of this Rule amendment.

(g) Exemptions

(1) The provisions of this Rule shall not apply to:

(A) Dairy farms.

(B) Confined animal facilities provided that the combined disturbed surface area within one continuous property line is one acre or less.

(C) Agricultural vegetative crop operations provided that the combined disturbed surface area within one continuous property line and not separated by a paved public road is 10 acres or less.

(D) Agricultural vegetative crop operations within the South Coast Air Basin, whose combined disturbed surface area includes more than 10 acres provided that the person responsible for such operations:

(i) voluntarily implements the conservation management practices contained in the Rule 403 Agricultural Handbook;

(ii) completes and maintains the self-monitoring form documenting sufficient conservation management practices, as described in the Rule 403 Agricultural Handbook; and

(iii) makes the completed self-monitoring form available to the Executive Officer upon request.

(E) Agricultural vegetative crop operations outside the South Coast Air Basin whose combined disturbed surface area includes more than 10 acres provided that the person responsible for such operations:

(i) voluntarily implements the conservation management practices contained in the Rule 403 Coachella Valley Agricultural Handbook; and

(ii) completes and maintains the self-monitoring form documenting sufficient conservation management practices, as described in the Rule 403 Coachella Valley Agricultural Handbook; and

(iii) makes the completed self-monitoring form available to the Executive Officer upon request.

(F) Active operations conducted during emergency life-threatening situations, or in conjunction with any officially declared disaster or state of emergency.

(G) Active operations conducted by essential service utilities to provide electricity, natural gas, telephone, water and sewer during periods of service outages and emergency disruptions.

(H) Any contractor subsequent to the time the contract ends, provided that such contractor implemented the required control measures during the contractual period.

(I) Any grading contractor, for a phase of active operations, subsequent to the contractual completion of that phase of earth-moving activities, provided that the required control measures have been implemented during the entire phase of earth-moving activities, through and including five days after the final grading inspection.

(J) Weed abatement operations ordered by a county agricultural commissioner or any state, county, or municipal fire department, provided that:

(i) mowing, cutting or other similar process is used which maintains weed stubble at least three inches above the soil; and

(ii) any discing or similar operation which cuts into and disturbs the soil, where watering is used prior to initiation of these activities, and a determination is made by the agency issuing the weed abatement order that, due to fire hazard conditions, rocks, or other physical obstructions, it is not practical to meet the conditions specified in clause (g)(1)(H)(i). The provisions this clause shall not exempt the owner of any property from stabilizing, in accordance with paragraph (d)(2), disturbed surface areas which have been created as a result of the weed abatement actions.

(K) sandblasting operations.

(2) The provisions of paragraphs (d)(1) and (d)(3) shall not apply:

(A) When wind gusts exceed 25 miles per hour, provided that:

(i) The required Table 3 contingency measures in this Rule are implemented for each applicable fugitive dust source type, and;

(ii) records are maintained in accordance with subparagraph (e)(1)(C).

(B) To unpaved roads, provided such roads:

(i) are used solely for the maintenance of wind-generating equipment; or

(ii) are unpaved public alleys as defined in Rule 1186; or

(iii) are service roads that meet all of the following criteria:

(a) are less than 50 feet in width at all points along the road;

(b) are within 25 feet of the property line; and

(c) have a traffic volume less than 20 vehicle-trips per day.

(C) To any active operation, open storage pile, or disturbed surface area for which necessary fugitive dust preventive or mitigative actions are in conflict with the federal Endangered Species Act, as determined in writing by the State or federal agency responsible for making such determinations.

(3) The provisions of (d)(2) shall not apply to any aggregate-related plant or cement manufacturing facility that implements the applicable actions specified in Table 2 of this Rule at all times and shall implement the applicable actions specified in Table 3 of this Rule when the applicable performance standards of paragraphs (d)(1) and (d)(3) can not be met through use of Table 2 actions.

(4) The provisions of paragraphs (d)(1), (d)(2), and (d)(3) shall not apply to:

(A) Blasting operations which have been permitted by the California Division of Industrial Safety; and

(B) Motion picture, television, and video production activities when dust emissions are required for visual effects. In order to obtain this exemption, the Executive Officer must receive notification in writing at least 72 hours in advance of any such activity and no nuisance results from such activity.

(5) The provisions of paragraph (d)(3) shall not apply if the dust control actions, as specified in Table 2, are implemented on a routine basis for

each applicable fugitive dust source type. To qualify for this exemption, a person must maintain records in accordance with subparagraph (e)(1)(C).

(6) The provisions of paragraph (d)(4) shall not apply to earth coverings of public paved roadways where such coverings are approved by a local government agency for the protection of the roadway, and where such coverings are used as roadway crossings for haul vehicles provided that such roadway is closed to through traffic and visible roadway dust is removed within one day following the cessation of activities.

(7) The provisions of subdivision (e) shall not apply to:

(A) officially-designated public parks and recreational areas, including national parks, national monuments, national forests, state parks, state recreational areas, and county regional parks.

(B) any large operation which is required to submit a dust control plan to any city or county government which has adopted a District-approved dust control ordinance.

(C) any large operation subject to Rule 1158, which has an approved dust control plan pursuant to Rule 1158, provided that all sources of fugitive dust are included in the Rule 1158 plan.

(8) The provisions of subparagraph (e)(1)(A) through (e)(1)(C) shall not apply to any large operation with an AQMD-approved fugitive dust control plan provided that there is no change to the sources and controls as identified in the AQMD-approved fugitive dust control plan.

(h) Fees

Any person conducting active operations for which the Executive Officer conducts upwind/downwind monitoring for PM_{10} pursuant to paragraph (d)(3) shall be assessed applicable Ambient Air Analysis Fees pursuant to Rule 304.1. Applicable fees shall be waived for any facility which is exempted from paragraph (d)(3) or meets the requirements of paragraph (d)(3).

TABLE 1
BEST AVAILABLE CONTROL MEASURES
(Applicable to All Construction Activity Sources)

Source Category	Control Measure	Guidance
Backfilling 01-1	Stabilize backfill material when not actively handling; and 01-2 Stabilize backfill material during handling; and 01-3 Stabilize soil at completion of activity.	✓ Mix backfill soil with water prior to moving ✓ Dedicate water truck or high capacity hose to backfilling equipment ✓ Empty loader bucket slowly so that no dust plumes are generated ✓ Minimize drop height from loader bucket
Clearing and grubbing	02-1 Maintain stability of soil through pre-watering of site prior to clearing and grubbing; and 02-2 Stabilize soil during clearing and grubbing activities; and 02-3 Stabilize soil immediately after clearing and grubbing activities.	✓ Maintain live perennial vegetation where possible ✓ Apply water in sufficient quantity to prevent generation of dust plumes
Clearing forms	03-1 Use water spray to clear forms; or 03-2 Use sweeping and water spray to clear forms; or 03-3 Use vacuum system to clear forms.	✓ Use of high pressure air to clear forms may cause exceedance of Rule requirements
Crushing 04-1	Stabilize surface soils prior to operation of support equipment; and 04-2 Stabilize material after crushing.	✓ Follow permit conditions for crushing equipment ✓ Pre-water material prior to loading into crusher ✓ Monitor crusher emissions opacity ✓ Apply water to crushed material to prevent dust plumes

TABLE 1
BEST AVAILABLE CONTROL MEASURES
(Applicable to All Construction Activity Sources)

Source Category	Control Measure	Guidance
Cut and fill	05-1 Pre-water soils prior to cut and fill activities; and 05-2 Stabilize soil during and after cut and fill activities.	✓ For large sites, pre-water with sprinklers or water trucks and allow time for penetration ✓ Use water trucks/pulls to water soils to depth of cut prior to subsequent cuts
Demolition – mechanical/manual	06-1 Stabilize wind erodible surfaces to reduce dust; and 06-2 Stabilize surface soil where support equipment and vehicles will operate; and 06-3 Stabilize loose soil and demolition debris; and 06-4 Comply with AQMD Rule 1403.	✓ Apply water in sufficient quantities to prevent the generation of visible dust plumes
Disturbed soil	07-1 Stabilize disturbed soil throughout the construction site; and 07-2 Stabilize disturbed soil between structures	✓ Limit vehicular traffic and disturbances on soils where possible ✓ If interior block walls are planned, install as early as possible ✓ Apply water or a stabilizing agent in sufficient quantities to prevent the generation of visible dust plumes
Earth-moving activities	08-1 Pre-apply water to depth of proposed cuts; and 08-2 Re-apply water as necessary to maintain soils in a damp condition and to ensure that visible emissions do not exceed 100 feet in any direction; and 08-3 Stabilize soils once earth-moving activities are complete.	✓ Grade each project phase separately, timed to coincide with construction phase ✓ Upwind fencing can prevent material movement on site ✓ Apply water or a stabilizing agent in sufficient quantities to prevent the generation of visible dust plumes

TABLE 1
BEST AVAILABLE CONTROL MEASURES
(Applicable to All Construction Activity Sources)

Source Category	Control Measure	Guidance
Importing/exporting of bulk materials	09-1 Stabilize material while loading to reduce fugitive dust emissions; and 09-2 Maintain at least six inches of freeboard on haul vehicles; and 09-3 Stabilize material while transporting to reduce fugitive dust emissions; and 09-4 Stabilize material while unloading to reduce fugitive dust emissions; and 09-5 Comply with Vehicle Code Section 23114.	✓ Use tarps or other suitable enclosures on haul trucks ✓ Check belly-dump truck seals regularly and remove any trapped rocks to prevent spillage ✓ Comply with track-out prevention/mitigation requirements ✓ Provide water while loading and unloading to reduce visible dust plumes
Landscaping	10-1 Stabilize soils, materials, slopes	✓ Apply water to materials to stabilize ✓ Maintain materials in a crusted condition ✓ Maintain effective cover over materials ✓ Stabilize sloping surfaces using soil binders until vegetation or ground cover can effectively stabilize the slopes ✓ Hydroseed prior to rain season
Road shoulder maintenance	11-1 Apply water to unpaved shoulders prior to clearing; and 11-2 Apply chemical dust suppressants and/or washed gravel to maintain a stabilized surface after completing road shoulder maintenance.	✓ Installation of curbing and/or paving of road shoulders can reduce recurring maintenance costs ✓ Use of chemical dust suppressants can inhibit vegetation growth and reduce future road shoulder maintenance costs

TABLE 1
BEST AVAILABLE CONTROL MEASURES
(Applicable to All Construction Activity Sources)

Source Category	Control Measure	Guidance
Screening 12-1	Pre-water material prior to screening; and 12-2 Limit fugitive dust emissions to opacity and plume length standards; and 12-3 Stabilize material immediately after screening.	✓ Dedicate water truck or high capacity hose to screening operation ✓ Drop material through the screen slowly and minimize drop height ✓ Install wind barrier with a porosity of no more than 50% upwind of screen to the height of the drop point
Staging areas	13-1 Stabilize staging areas during use; and 13-2 Stabilize staging area soils at project completion.	✓ Limit size of staging area ✓ Limit vehicle speeds to 15 miles per hour ✓ Limit number and size of staging area entrances/exists
Stockpiles/ Bulk Material Handling	14-1 Stabilize stockpiled materials. 14-2 Stockpiles within 100 yards of off-site occupied buildings must not be greater than eight feet in height; or must have a road bladed to the top to allow water truck access or must have an operational water irrigation system that is capable of complete stockpile coverage.	✓ Add or remove material from the downwind portion of the storage pile ✓ Maintain storage piles to avoid steep sides or faces

TABLE 1
BEST AVAILABLE CONTROL MEASURES
(Applicable to All Construction Activity Sources)

Source Category	Control Measure	Guidance
Traffic areas for construction activities	15-1 Stabilize all off-road traffic and parking areas; and 15-2 Stabilize all haul routes; and 15-3 Direct construction traffic over established haul routes.	✓ Apply gravel/paving to all haul routes as soon as possible to all future roadway areas ✓ Barriers can be used to ensure vehicles are only used on established parking areas/haul routes
Trenching 16-1	Stabilize surface soils where trencher or excavator and support equipment will operate; and 16-2 Stabilize soils at the completion of trenching activities.	✓ Pre-watering of soils prior to trenching is an effective preventive measure. For deep trenching activities, pre-trench to 18 inches soak soils via the pre-trench and resuming trenching ✓ Washing mud and soils from equipment at the conclusion of trenching activities can prevent crusting and drying of soil on equipment
Truck loading	17-1 Pre-water material prior to loading; and 17-2 Ensure that freeboard exceeds six inches (CVC 23114)	✓ Empty loader bucket such that no visible dust plumes are created ✓ Ensure that the loader bucket is close to the truck to minimize drop height while loading
Turf Overseeding	18-1 Apply sufficient water immediately prior to conducting turf vacuuming activities to meet opacity and plume length standards; and 18-2 Cover haul vehicles prior to exiting the site.	✓ Haul waste material immediately off-site

TABLE 1
BEST AVAILABLE CONTROL MEASURES
(Applicable to All Construction Activity Sources)

Source Category	Control Measure		Guidance
Unpaved roads/parking lots	19-1	Stabilize soils to meet the applicable performance standards; and	✓ Restricting vehicular access to established unpaved travel paths and parking lots can reduce stabilization requirements
	19-2	Limit vehicular travel to established unpaved roads (haul routes) and unpaved parking lots.	
Vacant land	20-1	In instances where vacant lots are 0.10 acre or larger and have a cumulative area of 500 square feet or more that are driven over and/or used by motor vehicles and/or off-road vehicles, prevent motor vehicle and/or off-road vehicle trespassing, parking and/or access by installing barriers, curbs, fences, gates, posts, signs, shrubs, trees or other effective control measures.	

Table 2
DUST CONTROL MEASURES FOR LARGE OPERATIONS

FUGITIVE DUST SOURCE CATEGORY		CONTROL ACTIONS
Earth-moving (except construction cutting and filling areas, and mining operations)	(1a)	Maintain soil moisture content at a minimum of 12 percent, as determined by ASTM method D-2216, or other equivalent method approved by the Executive Officer, the California Air Resources Board, and the U.S. EPA. Two soil moisture evaluations must be conducted during the first three hours of active operations during a calendar day, and two such evaluations each subsequent four-hour period of active operations; OR
	(1a-1)	For any earth-moving which is more than 100 feet from all property lines, conduct watering as necessary to prevent visible dust emissions from exceeding 100 feet in length in any direction.
Earth-moving: Construction fill areas:	(1b)	Maintain soil moisture content at a minimum of 12 percent, as determined by ASTM method D-2216, or other equivalent method approved by the Executive Officer, the California Air Resources Board, and the U.S. EPA. For areas which have an optimum moisture content for compaction of less than 12 percent, as determined by ASTM Method 1557 or other equivalent method approved by the Executive Officer and the California Air Resources Board and the U.S. EPA, complete the compaction process as expeditiously as possible after achieving at least 70 percent of the optimum soil moisture content. Two soil moisture evaluations must be conducted during the first three hours of active operations during a calendar day, and two such evaluations during each subsequent four-hour period of active operations.

Table 2 (Continued)

FUGITIVE DUST SOURCE CATEGORY		CONTROL ACTIONS
Earth-moving: Construction cut areas and mining operations:	(1c)	Conduct watering as necessary to prevent visible emissions from extending more than 100 feet beyond the active cut or mining area unless the area is inaccessible to watering vehicles due to slope conditions or other safety factors.
Disturbed surface areas (except completed grading areas)	(2a/b)	Apply dust suppression in sufficient quantity and frequency to maintain a stabilized surface. Any areas which cannot be stabilized, as evidenced by wind driven fugitive dust must have an application of water at least twice per day to at least 80 percent of the unstabilized area.
Disturbed surface areas: Completed grading areas	(2c)	Apply chemical stabilizers within five working days of grading completion; OR
	(2d)	Take actions (3a) or (3c) specified for inactive disturbed surface areas.
Inactive disturbed surface areas	(3a)	Apply water to at least 80 percent of all inactive disturbed surface areas on a daily basis when there is evidence of wind driven fugitive dust, excluding any areas which are inaccessible to watering vehicles due to excessive slope or other safety conditions; OR
	(3b)	Apply dust suppressants in sufficient quantity and frequency to maintain a stabilized surface; OR
	(3c)	Establish a vegetative ground cover within 21 days after active operations have ceased. Ground cover must be of sufficient density to expose less than 30 percent of unstabilized ground within 90 days of planting, and at all times thereafter; OR
	(3d)	Utilize any combination of control actions (3a), (3b), and (3c) such that, in total, these actions apply to all inactive disturbed surface areas.

Table 2 (Continued)

FUGITIVE DUST SOURCE CATEGORY	CONTROL ACTIONS
Unpaved Roads	(4a) Water all roads used for any vehicular traffic at least once per every two hours of active operations [3 times per normal 8 hour work day]; OR (4b) Water all roads used for any vehicular traffic once daily and restrict vehicle speeds to 15 miles per hour; OR (4c) Apply a chemical stabilizer to all unpaved road surfaces in sufficient quantity and frequency to maintain a stabilized surface.
Open storage piles	(5a) Apply chemical stabilizers; OR (5b) Apply water to at least 80 percent of the surface area of all open storage piles on a daily basis when there is evidence of wind driven fugitive dust; OR (5c) Install temporary coverings; OR (5d) Install a three-sided enclosure with walls with no more than 50 percent porosity which extend, at a minimum, to the top of the pile. This option may only be used at aggregate-related plants or at cement manufacturing facilities.
All Categories	(6a) Any other control measures approved by the Executive Officer and the U. S. EPA as equivalent to the methods specified in Table 2 may be used.