

Urbemis 2007 Version 9.2.0

Detail Report for Winter Operational Unmitigated Emissions (Pounds/Day)

File Name: C:\Documents and Settings\Frank.LILBURN\Application Data\Urbemis\Version9a\Projects\Baseline Road CO2.urb9

Project Name: Baseline Road Greenhouse Gas

Project Location: San Bernadino County

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

Off-Road Vehicle Emissions Based on: OFFROAD2007

OPERATIONAL EMISSION ESTIMATES (Winter Pounds Per Day, Unmitigated)

<u>Source</u>	ROG	NOX	CO	SO2	PM10	PM25	CO2
Single family housing	24.41	36.16	256.32	0.18	35.49	7.08	19,409.98
Condo/townhouse general	7.78	11.26	79.85	0.06	11.06	2.21	6,047.06
City park	6.06	9.19	63.19	0.05	9.01	1.79	4,886.23
Regnl shop. center	46.86	72.99	500.93	0.37	71.49	14.24	38,748.62
<b>TOTALS (lbs/day, unmitigated)</b>	<b>85.11</b>	<b>129.60</b>	<b>900.29</b>	<b>0.66</b>	<b>127.05</b>	<b>25.32</b>	<b>69,091.89</b>

Does not include correction for passby trips

Does not include double counting adjustment for internal trips

Analysis Year: 2009 Temperature (F): 60 Season: Winter

Emfac: Version : Emfac2007 V2.3 Nov 1 2006

Summary of Land Uses

Land Use Type	Acreage	Trip Rate	Unit Type	No. Units	Total Trips	Total VMT
Single family housing	16.20	7.62	dwelling units	265.00	2,019.30	20,400.58
Condo/townhouse general	15.80	4.66	dwelling units	135.00	629.10	6,355.67

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Summary of Land Uses

Land Use Type	Acreage	Trip Rate	Unit Type	No. Units	Total Trips	Total VMT
City park		10.01	acres	57.00	570.57	5,182.20
Regnl shop. center		45.82	1000 sq ft	100.00	4,582.00	41,114.28
					7,800.97	73,052.73

Vehicle Fleet Mix

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	49.0	2.0	97.6	0.4
Light Truck < 3750 lbs	10.9	3.7	90.8	5.5
Light Truck 3751-5750 lbs	21.7	0.9	98.6	0.5
Med Truck 5751-8500 lbs	9.5	1.1	98.9	0.0
Lite-Heavy Truck 8501-10,000 lbs	1.6	0.0	75.0	25.0
Lite-Heavy Truck 10,001-14,000 lbs	0.6	0.0	50.0	50.0
Med-Heavy Truck 14,001-33,000 lbs	1.0	0.0	20.0	80.0
Heavy-Heavy Truck 33,001-60,000 lbs	0.9	0.0	0.0	100.0
Other Bus	0.1	0.0	0.0	100.0
Urban Bus	0.1	0.0	0.0	100.0
Motorcycle	3.5	77.1	22.9	0.0
School Bus	0.1	0.0	0.0	100.0
Motor Home	1.0	10.0	80.0	10.0

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	12.7	7.0	9.5	13.3	7.4	8.9

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Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Rural Trip Length (miles)	17.6	12.1	14.9	15.4	9.6	12.6
Trip speeds (mph)	30.0	30.0	30.0	30.0	30.0	30.0
% of Trips - Residential	32.9	18.0	49.1			
% of Trips - Commercial (by land use)						
City park				5.0	2.5	92.5
Regnl shop. center				2.0	1.0	97.0

Operational Changes to Defaults

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