

APPENDIX G

AIR QUALITY DATA

URBEMIS 7G For Windows 5.1.0

File Name: <Not Saved>
 Project Name: Palisades
 Project Location: South Coast Air Basin (Los Angeles area)

SUMMARY REPORT
 (Pounds/Day - Summer)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	PM10	SOX
TOTALS (lbs/day, unmitigated)	152.21	0.62	0.65	0.08	0.00
TOTALS (lbs/day, mitigated)	152.21	0.62	0.65	0.08	0.00

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	PM10	SOX
TOTALS (lbs/day, unmitigated)	4.18	0.62	1.05	0.00	0.00
TOTALS (lbs/day, mitigated)	4.18	0.62	1.05	0.00	0.00

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	PM10
TOTALS (ppd, unmitigated)	4.13	3.63	24.45	2.49
TOTALS (ppd, mitigated)	4.13	3.63	24.45	2.49

URBEMIS 7G For Windows 5.1.0

File Name: <Not Saved>
 Project Name: Palisades
 Project Location: South Coast Air Basin (Los Angeles area)

DETAIL REPORT
 (Pounds/Day - Summer)

Total Land Use Area to be Developed (Estimated): 4 acres
 Retail/Office/Institutional Square Footage: 0
 Single Family Units: 0 Multi-family Units: 82

CONSTRUCTION EMISSION ESTIMATES

Source	ROG	NOx	CO	PM10	SOX
Demolition	-	-	-	0.00	-
Site Grading	0.00	0.00	-	0.00	0.00
Const. Worker Trips	0.24	0.34	0.65	0.07	-
Stationary Equip	0.34	0.27	-	0.02	0.00
Mobile Equip. - Gas	0.00	0.00	-	0.00	0.00
Mobile Equip. - Diesel	0.00	0.00	-	0.00	0.00
Architectural Coatings	151.37	-	-	-	-
Asphalt Offgassing	0.26	-	-	-	-
TOTALS (lbs/day, unmitigated)	152.21	0.62	0.65	0.08	0.00

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	PM10	SOX
Natural Gas	0.05	0.62	0.26	0.00	-
Wood Stoves - No summer emissions					
Fireplaces - No summer emissions					
Landscaping	0.12	0.01	0.79	0.00	0.00
Consumer Prdcts	4.01	-	-	-	-
TOTALS (lbs/day, unmitigated)	4.18	0.62	1.05	0.00	0.00

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	PM10
Condo/townhouse general	4.13	3.63	24.45	2.49
TOTAL EMISSIONS (lbs/day)	4.13	3.63	24.45	2.49

Includes correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2005 Temperature (F): 90 Season: Summer

EMFAC Version: EMFAC7G (10/96)

Summary of Land Uses:

Unit Type	Trip Rate	Size	Total Trips
Condo/townhouse general	4.24 trips / dwelling units	82.00	348.01

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Duty Autos	75.00	1.16	98.58	0.26
Light Duty Trucks	20.00	0.13	99.54	0.33
Medium Duty Trucks	2.00	1.44	98.56	-
Lite-Heavy Duty Trucks	1.00	19.56	40.00	40.44
Med.-Heavy Duty Trucks	0.00	19.56	40.00	40.44
Heavy-Heavy Trucks	0.00	-	-	100.00
Urban Buses	1.00	-	-	100.00
Motorcycles	1.00	100.00% all fuels		

Travel Conditions

	Residential			Commercial		
	Home- Work	Home- Shop	Home- Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Rural Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Trip Speeds (mph)	35.0	40.0	40.0	40.0	40.0	40.0
% of Trips - Residential	20.0	37.0	43.0			

Changes made to the default values for Construction

The construction year changed from 2000 to 2003.
Changes made to the default values for Area

Changes made to the default values for Operations

The light duty truck percentage changed from 10.0 to 20.0.
The medium duty truck percentage changed from 3.0 to 2.0.
The medium heavy duty truck percentage changed from 1.0 to .0.
The heavy heavy duty truck percentage changed from 5.0 to .0.
The urban bus percentage changed from 2.0 to 1.
The motorcycle percentage changed from 3.0 to 01.
The operational emission year changed from 2000 to 2005.