

# SMAQMD CO SCREENING ANALYSIS WORKSHEET

	PREDICTED				
	EXISTING CONCENTRATION (pr				
	ISOPLETH	PHASE I	PHASE I & II		
	CONC.	. (YR 2009)	(YR2012)		
BACKGROUND CONCENTRATIONS 1-HR	6	3.06	2.64		
BACKGROUND CONCENTRATIONS 8-HR	3	1.53	1.32		
ESTIMATED DAILY TRIPS - PHASE I:*	11,178.85				
ESTIMATED DAILY TRIPS - PHASE II:*	24,352.06				
TOTAL DAILY TRIPS - PHASE I & II:	35,530.91				
CALCULATED PEAK-HOUR TRIPS - PHASE I:	1,117.89				
CALCULATED PEAK-HOUR TRIPS - PHASE I & II:	3,553.09				
PREDICTED CO CONCENTRATION CONTRIBUTION:*	•				
1-HR		3.1	9.2		
8-HR		2.17	6.5		
TOTAL PREDICTED CONCENTRATION:					
1-HR		6.16	11.84		
8-HR		3.7	7.8		
CALIFORNIA AMBIENT AIR QUALITY STANDARDS (C.	AAQS):				
1-HR	20				
8-HR	9.0				
PREDICTED CONCENTRATIONS EXCEED CAAQS?					
1-HR		NO	NO		
ALIQ.		NO	NO		

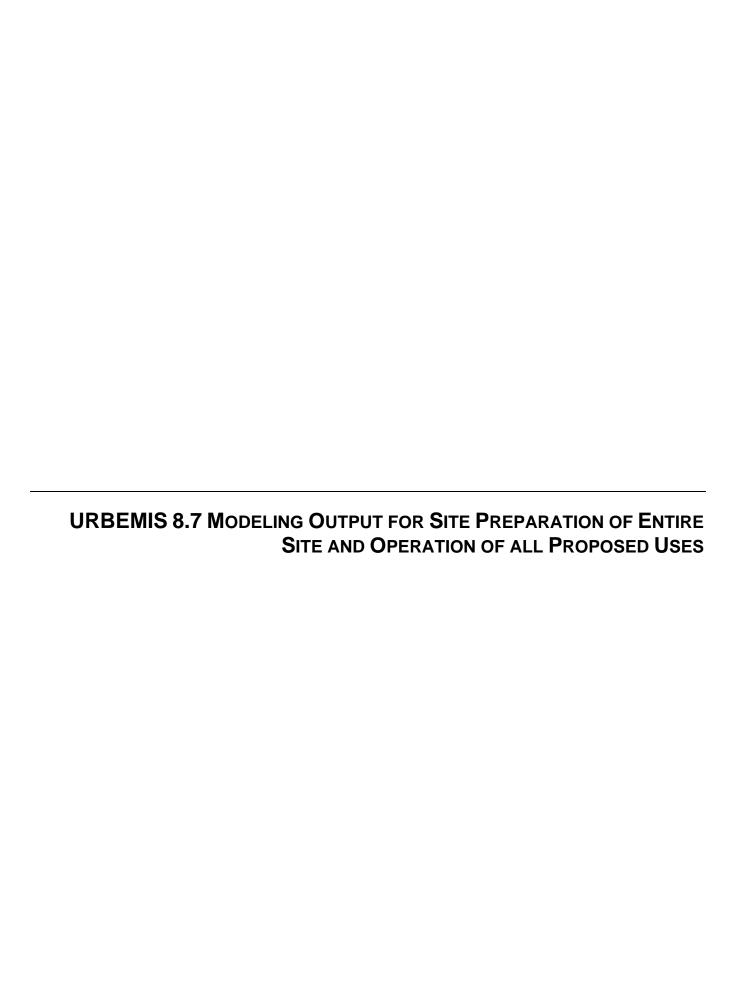
<sup>\*\*</sup> Project's contribution to local CO concentrations based on a trend analysis of SMAQMD-recommended contribution values (see attached worksheet).

<sup>\*</sup> Daily trip generation rates were calculated based on proposed land uses indentified in the Project development phasing plan and the trip generation rates for corresponding land uses obtained from the traffic analysis prepared for this project.

PREDICTED PROJECT CO CONTRIBUTION WORKSHEET

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		РРМ СО	
	PEAK HOUR VOLUME	1-HOUR	8-HOUR
JES	100	0.4	0.28
SMAQMD-RECOMMENDED VALUES	200	0.7	0.49
NOEC	300	1.1	0.77
OMME	500	1.7	1.19
REC	1000	3.1	2.17
QMD	2000	5.6	3.92
SM/	3000	7.7	5,39
	3400	8.9	6.2
ILUES	3500	9.2	6.5
TREND VALUES	3600	9.5	6.7
TRE	3700	9.8	6.9
	3800	10.1	7.1

<sup>\*</sup>Trend values are approximate, based on trend analysis of SMAQMDrecommended contribution values.



# URBEMIS MODELING OUTPUT FILE

# INITIAL SITE PREPARATION OPERATIONAL EMISSIONS - BUILDOUT

ile Name: H:\Projects2\_6\Greenbriar\GradingandOperation1\_2.urb
roject Name: Greenbriar Grading of Entire Site and Operational Emissions
roject Location: Lower Sacramento Valley Air Basin
n-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT (Pounds/Day - Summer)

ONSTRUCTION EMISSION ESTIMATES  *** 2007 ***  TOTALS (lbs/day,unmitigated)	ROG 94.07	NOx 638.70	CO 762.74	SO2 0.01	PM10 TOTAL 1,468.43	PM10 PM10 EXHAUST DUST 25.87 1,442.56
REA SOURCE EMISSION ESTIMATES TOTALS (lbs/day,unmitigated)	ROG 184.89	NOx 49.15	CO 113.77	SO2 0.58	PM10 0.38	
)PERATIONAL (VEHICLE) EMISSION	ESTIMATES ROG	NOx	CO	S02	PM10	
TOTALS (lbs/day,unmitigated)	233.43	216.87	2,201.43	1.42	240.73	
SUM OF AREA AND OPERATIONAL EMITOTALS (lbs/day,unmitigated)	ISSION ESTI ROG 418.32	MATES NOx 266.02	CO 2,315.19	S02 2.00	PM10 241.12	

File Name: H:\Projects2\_6\Greenbriar\GradingandOperation1\_2.urb
Project Name: Greenbriar Grading of Entire Site and Operational Emissions
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT (Pounds/Day - Winter)

CONSTRUCTION EMISSION ESTIMATES	5				PM10	PM10 PM10
*** 2007 ***	ROG 94.07	NOx 638.70	CO 762.74	SO2 0.01	TOTAL 1.468.43	EXHAUST DUST 25.87 1.442.56
TOTALS (lbs/day,unmitigated)	34.07	030.70	702.14	0.01		
AREA SOURCE EMISSION ESTIMATES	ROG	NOx	co	SO2	PM10	
TOTALS (lbs/day,unmitigated)	2,144.87	115.00	3,628.41	8.57	537.48	
OPERATIONAL (VEHICLE) EMISSION	ESTIMATES	NOx	co	SO2	PM10	
	ROG	NOX	CO	302	11110	
TOTALS (lbs/day,unmitigated)	237.38	323.26	2,642.72	1.41	240.73	
SUM OF AREA AND OPERATIONAL EM	ISSION ESTI ROG	MATES NOx	co	SO2	PM10	
TOTALS (lbs/day,unmitigated)	2,382.25	438.27	6,271.13	9.98	778.22	

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File Name: H:\Projects2\_6\Greenbriar\GradingandOperation1\_2.urb Project Name: Greenbriar Grading of Entire Site and Operational Emissions

Project Location: Lower Sacramento Valley Air Basin

On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

#### DETAIL REPORT (Pounds/Day - Winter)

Construction Start Month and Year: June, 2007

Construction Duration: 60

Total Land Use Area to be Developed: 577 acres Maximum Acreage Disturbed Per Day: 144.25 acres

Single Family Units: 2886 Multi-Family Units: 587 Retail/Office/Institutional/Industrial Square Footage: 732312

#### CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

					PM10	PM10	PM10
Source	ROG	NOx	co	SO2	TOTAL	EXHAUST	DUST
*** 2007***							
Phase 1 - Demolition Emissic	ns						•
Fugitive Dust	-	-	~-	<del></del>	0.00		0.00
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emiss	ions						
Fugitive Dust	_	_	_		1,442.50	-	1,442.50
Off-Road Diesel	92.89	637.27	737.07	-	25.83	25.83	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	1.18	1.43	25.67	0.01	0.10	0.04	0.06
Maximum lbs/day	94.07	638.70	762.74	0.01	1,468.43	25.87	1,442.56
Phase 3 - Building Construct	ion						
Bldg Const Off-Road Diesel	0.00	0.00	0.00		0.00	0.00	0.00
Bldg Const Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	0.00	-	_		***	- · · · · · · · · · · · · · · · · · · ·	
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.00		_	-	***	-	
Asphalt Off-Road Diesel	0.00	0.00	0.00	***	0.00	0.00	0.00
Asphalt On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max lbs/day all phases	94.07	638.70	762.74	0.01	1,468.43	25.87	1,442.56

## Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions Start Month/Year for Phase 2: Jun '07

Phase 2 Duration: 6.6 months

On-Road Truck Travel (VMT): 0 Off-Road Equipment

TT INDUC	ndarbuenc			
No.	Type	Horsepower	Load Factor	Hours/Day
15	Crawler Tractors	143	0.575	8.0
15	Graders	174	0.575	8.0
1.5	Off Highway Tractors	255	0.410	8.0
15	Rubber Tired Loaders	165	0.465	8.0

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Dec '07

Phase 3 Duration: 53.4 months

SubPhase Building Turned OFF

SubPhase Architectural Coatings Turned OFF

SubPhase Asphalt Turned OFF

AREA SOURCE EMISSION ESTIMATES	S (Winter	Pounds per	Day, Unmi	tigated)	
Source	ROG	NOx	CO	SO2	PM10
Natural Gas	3.65	47.67	23.22	0	0.09
Hearth	1,971.31	67.34	3,605.19	8.57	537.39
Landscaping - No winter emis	sions				
Consumer Prdcts	169.91	<del></del>	<del>-</del>	_	_
Architectural Coatings	0.00			-	_
TOTALS(lbs/day,unmitigated)	2,144.87	115.00	3,628.41	8.57	537.48

6.5%

.

### UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Single family housing low	115.03	171.78	1,356.52	0.78	133.45
Apartments/Senior/Mixed-U	23.39	34.93	275.80	0.16	27.13
Elementary school	8.58	11.23	92.58	0.05	8.19
park/water/openspace/oth	0.00	0.00	0.00	0.00	0.00
Community/Village Commerc	90.39	105.33	917.82	0.42	71.96
TOTAL EMISSIONS (lbs/day)	237.38	323.26	2,642.72	1.41	240.73

Includes correction for passby trips.

Includes the following double counting adjustment for internal trips:

Residential trips: 11.13 % reduction. Nonresidential trips: 11.32 % reduction.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2010 Temperature (F): 40 Season: Winter

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip	Rate	No. Units	Total Trips
Single family housing low Apartments/Senior/Mixed-U Elementary school park/water/openspace/oth Community/Village Commerc		5.97 3.54 0.00	trips/dwelling unit trips/dwelling unit trips/1000 sq. ft. trips/acres trips/1000 sq. ft.	2,886.0017 587.00 3 444.31 1 283.40 288.0018	,505.45 ,572.89 0.00

Sum of Total Trips Total Vehicle Miles Traveled 158,491.01

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.70	1.10	98.70	0.20
Light Truck < 3,750 lb	s 15.20	2.00	96.00	2.00
Light Truck 3,751- 5,75	0 16.20	1.20	98.10	0.70
Med Truck 5,751-8,50	0 7.30	1.40	95.90	2.70
Lite-Heavy 8,501-10,00	0 1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,00	0.30	0.00	66.70	33.30
<pre>fed-Heavy 14,001-33,00</pre>	0 1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,00	0.90	0.00	11.10	88.90
line Haul > 60,000 lb	s 0.00	0.00	0.00	100.00
Jrban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	68.80	31.20	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.40	7.10	85.70	7.20

Pravel Conditions

	Residential			Commercial			
	Home -	Home-	Home-				
	Work	Shop	Other	Commute	Non-Work	Customer	
Jrban Trip Length (miles)	9.7	3.8	4.6	7.8	4.5	4.5	
tural Trip Length (miles)	16.8	7.1	7.9	14.7	6.6	6.6	
Frip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0	
s of Trips - Residential	27.3	21.2	51.5				
s of Trips - Commercial ( llementary school park/water/openspace/oth community/Village Commerc	er	use)		20.0 0.0 2.0	10.0 0.0 1.0	70.0 100.0 97.0	

H:\Projects2\_6\Greenbriar\GradingandOperation1\_2.urb File Name:

Project Name: Greenbriar Grading of Entire Site and Operational Emissions

Project Location: Lower Sacramento Valley Air Basin On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

### DETAIL REPORT (Pounds/Day ~ Summer)

Construction Start Month and Year: June, 2007

Construction Duration: 60
Total Land Use Area to be Developed: 577 acres Maximum Acreage Disturbed Per Day: 144.25 acres Single Family Units: 2886 Multi-Family Units: 587 Retail/Office/Institutional/Industrial Square Footage: 732312

### CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

		,			PM10	PM10	PM10
Source	ROG	NOx	CO	SO2	TOTAL	EXHAUST	DUST
*** 2007***							
Phase 1 - Demolition Emission	ns						
Fugitive Dust					0.00	_	0.00
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum Îbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emiss	ions						
Fugitive Dust	_		-	-	1,442.50	_	1,442.50
Off-Road Diesel	92.89	637.27	737.07	-	25.83	25.83	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	1.18	1.43	25.67	0.01	0.10	0.04	0.06
Maximum lbs/day	94.07	638.70	762.74	0.01	1,468.43	25.87	1,442.56
Phase 3 - Building Construct	ìon						
Bldg Const Off-Road Diesel	0.00	0.00	0.00	- 1	0.00	0.00	0.00
Bldg Const Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	0.00		-		_	_	-
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.00		-				
Asphalt Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
Asphalt On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max lbs/day all phases	94.07	638.70	762.74	0.01	1,468.43	25.87	1,442.56

## Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions Start Month/Year for Phase 2: Jun '07

Phase 2 Duration: 6.6 months On-Road Truck Travel (VMT): 0

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
15	Crawler Tractors	143	0.575	8.0
15	Graders	174	0.575	8.0
15	Off Highway Tractors	255	0.410	8.0
15	Rubber Tired Loaders	165	0.465	8.0

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Dec '07 Phase 3 Duration: 53.4 months

SubPhase Building Turned OFF

SubPhase Architectural Coatings Turned OFF

SubPhase Asphalt Turned OFF

AREA SOURCE EMISSION ESTIMATES Source Natural Gas	(Summer ROG 3.65	Pounds per NOx 47.67	Day, Unmiti CO 23.22	.gated) SO2 0	PM10 0.09
Hearth - No summer emissions Landscaping	11.33	1.48	90.55	0.58	0.29
Consumer Prdcts	169.91	_	_	-	_
Architectural Coatings TOTALS(lbs/day,unmitigated)	184.89	49.15	113.77	0.58	0.38

## UNMITIGATED OPERATIONAL EMISSIONS

ROG	NOx	CO	SO2	PM10
123.48	114.55	1,189.15	0.79	133.45
25.11	23.29	241.78	0.16	27.13
11.50	7.55	75.81	0.05	8.19
3.15	0.00	0.00	0.00	0.00
70.20	71.48	694.69	0.43	71.96
233.43	216.87	2,201.43	1.42	240.73
	25.11 11.50 3.15 70.20	123.48 114.55 25.11 23.29 11.50 7.55 3.15 0.00 70.20 71.48	123.48 114.55 1,189.15 25.11 23.29 241.78 11.50 7.55 75.81 3.15 0.00 0.00 70.20 71.48 694.69	123.48     114.55     1,189.15     0.79       25.11     23.29     241.78     0.16       11.50     7.55     75.81     0.05       3.15     0.00     0.00     0.00       70.20     71.48     694.69     0.43

Includes correction for passby trips.

Includes correction for passby trips.

Includes the following double counting adjustment for internal trips:

Residential trips: 11.13 % reduction. Nonresidential trips: 11.32 % reduction.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2010 Temperature (F): 85 Season: Summer

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

U:	nit Type	Acreage	Trip	Rate		No. Uni		Total Trips
A E	ingle family housing low partments/Senior/Mixed-U lementary school park/water/openspace/oth ommunity/Village Commerc	29.90	5.97 3.54 0.00	trips/dwelling trips/dwelling trips/1000 sq trips/acres trips/1000 sq	g unit	587. 444. 283.	00 3 31 1 40	,241.31 ,505.45 ,572.89 0.00 ,799.37
	ı			Sum of	Total	Trine	41	119 02

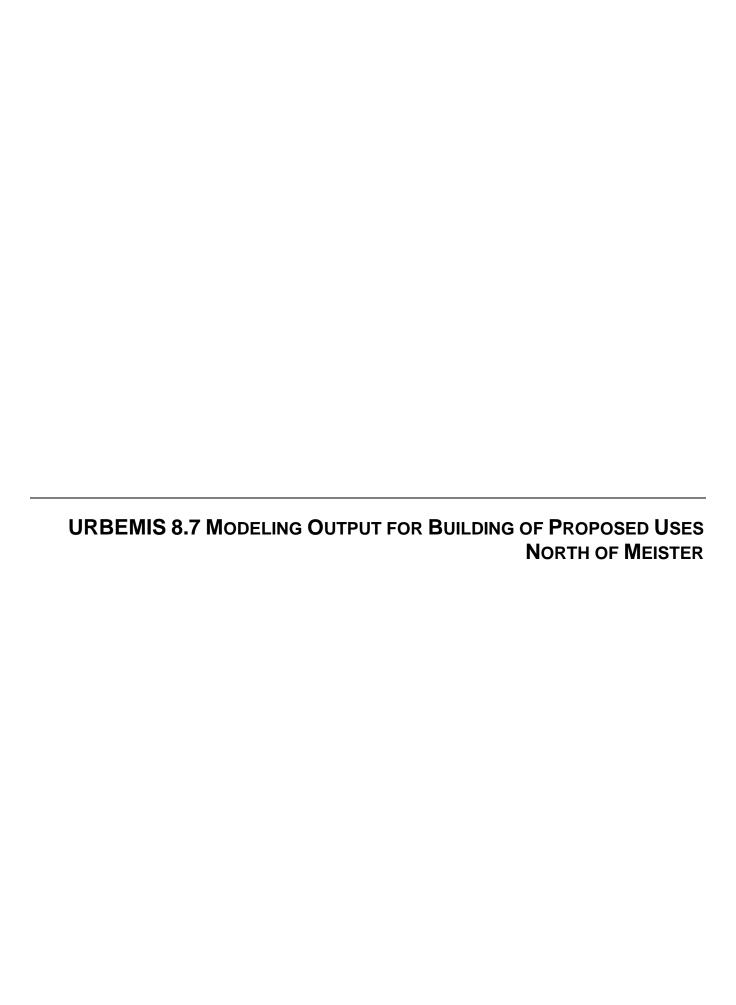
Sum of Total Trips Total Vehicle Miles Traveled 158,491.01

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.70	1.10	98.70	0.20
Light Truck < 3,750 lb	s 15.20	2.00	96.00	2.00
Light Truck 3,751- 5,75	0 16.20	1.20	98.10	0.70
Med Truck 5.751-8,50	0 7.30	1.40	95.90	2.70
Lite-Heavy 8,501-10,00		0.00	81.80	18.20
Lite-Heavy 10,001-14,00	0 0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,00	0 1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,00	0 0.90	0.00	11.10	88.90
Line Haul > 60,000 lt		0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	68.80	31.20	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.40	7.10	85.70	7.20

Travel Conditions	27	Residential	Home-		Commercia	1
Urban Trip Length (miles) Rural Trip Length (miles) Trip Speeds (mph) % of Trips - Residential		Home- Shop 3.8 7.1 35.0 21.2	Other 4.6 7.9 35.0 51.5	7.8 14.7 35.0	Non-Work 4.5 6.6 35.0	Customer 4.5 6.6 35.0
% of Trips - Commercial ( Elementary school park/water/openspace/oth Community/Village Commerc	er	use)		20.0 0.0 2.0	10.0 0.0 1.0	70.0 100.0 97.0



File Name: C:\Program Files\URBEMIS 2002 Version 8.7\Projects2k2\greenbriar\_buildingconstructi
Project Name: Greenbriar Grading of Entire Site and Operational Emissions
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT (Pounds/Day - Summer)

CONSTRUCTION EMISSION ESTIMATES							
*** 2007 *** TOTALS (lbs/day,unmitigated)	ROG 54.37	NOx 265.66	CO 736.15	SO2 0.27	PM10 TOTAL 12.65	PM10 EXHAUST 11.38	PM10 DUST 1.27
*** 2008 *** TOTALS (lbs/day,unmitigated)	ROG 53.68	NOx 253.78	CO 737.02	SO2 0.27	PM10 TOTAL 11.72	PM10 EXHAUST 10.45	PM10 DUST 1.27
*** 2009 *** TOTALS (lbs/day,unmitigated)	ROG 52.96	NOx 241.54	CO 737.71	SO2 0.27	PMIO TOTAL 11.09	PM10 EXHAUST 9.82	PM10 DUST 1.27
*** 2010 *** TOTALS (lbs/day,unmitigated)	ROG 78.65	NOx 356.55	CO 897.80	SO2 0.30	PM10 TOTAL 13.73	PM10 EXHAUST 12.42	PM10 DUST 1.31

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Project Name: Greenbriar Grading of Entire Site and Operational Emissions
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SUMMARY REPORT (Pounds/Day - Winter)

CONSTRUCTION EMISSION ESTIMATES							
*** 2007 *** TOTALS (lbs/day,unmitigated)	ROG 54.37	NOx 265.66	CO 736.15	SO2 0.27	PM10 TOTAL 12.65	PM10 EXHAUST 11.38	PM10 DUST 1.27
*** 2008 *** TOTALS (lbs/day,unmitigated)	ROG 53.68	NOx 253.78	CO 737.02	SO2 0.27	PM10 TOTAL 11.72	PM10 EXHAUST 10.45	PM10 DUST 1.27
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*** 2010 *** TOTALS (lbs/day,unmitigated)	ROG 78.65	NOx 356.55	CO 897.80	SO2 0.30	PM10 TOTAL 13.73	PM10 EXHAUST 12.42	PM10 DUST 1.31

File Name:
C:\Program Files\URBEMIS 2002 Version 8.7\Projects2k2\greenbriar\_buildingconstruction
Project Name:
C:\Program Files\URBEMIS 2002 Version 8.7\Projects2k2\greenbriar\_buildingconstruction
Control C

### DETAIL REPORT (Pounds/Day - Winter)

Construction Start Month and Year: June, 2007

Construction Start momen and rear: June, 2007
Construction Duration: 36
Potal Land Use Area to be Developed: 302.77 acres
Maximum Acreage Disturbed Per Day: 75.7 acres
Single Family Units: 1689 Multi-Family Units: 307

Retail/Office/Institutional/Industrial Square Footage: 288000

(etail/Office/institutional)	111000011111	>q	# +· <b>5</b> ··· · · ·				
CONSTRUCTION EMISSION ESTIMA	res unmiti	GATED (lbs	/day)		DW1.0	mart O	PM10
Source	ROG	NOx	co	SO2	PM10 TOTAL	PM10 EXHAUST	DUST
*** 2007***							
Phase 1 - Demolition Emission	1155	_		-	0.00	_	0.00
Fugitive Dust	0.00	0.00	0.00	_	0.00	0.00	0.00
Off-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emiss	ions	***	-	_	0.00	_	0.00
Fugitive Dust	0.00	0.00	0.00	-	0.00	0.00	0.00
Off-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAXIMUM IDS/ day	2.44						
Phase 3 - Building Construct	ion 31.14	237.57	230.41		10.59	10.59	0.00
Bldg Const Off-Road Diesel	23.24	28.08	505.74	0.27	2.06	0.79	1.27
Bldg Const Worker Trips	0.00	20.00	2021,1		-		<del>-</del>
Arch Coatings Off-Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arch Coatings Worker Trips	0.00	0.00	-	-	-		_
Asphalt Off-Gas	0.00	0.00	0.00		0.00	0.00	0.00
Asphalt Off-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Worker Trips Maximum lbs/day	54.37	265.66	736.15	0.27	12.65	11.38	1.27
Maximum ibs/day					- ~ - ~	41.20	1 07
Max lbs/day all phases	54.37	265.66	736.15	0.27	12.65	11.38	1.27
*** 2008***							
Phase 1 - Demolition Emissio	ns						
Fugitive Dust	-	-	-		0.00		0.00
Off-Road Diesel	0.00	0.00	0.00		0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emiss	ions						
Fugitive Dust	•••	nu	***	-	0.00		0.00
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construct	ion						
Bldg Const Off-Road Diesel	31.14	226.05	238.82	-	9.65	9.65	0.00
Bldg Const Worker Trips	22.54	27.72	498.20	0.27	2.06	0.79	1.27
Arch Coatings Off-Gas	0.00		***	Yes	-	-	_
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.00		-	-	-	~	
Asphalt Off-Road Diesel	0.00	0.00	0.00	/MA	0.00	0.00	0.00
Asphalt On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	53.68	253.78	737.02	0.27	11.72	10.45	1.27
Max lbs/day all phases	53.68	253.78	737.02	0.27	11.72	10-45	1.27

Phase 1 - Demolition Emission	ns						
Fugitive Dust	_	-	-	-	0.00	**	0.00
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	•						
Phase 2 - Site Grading Emiss	ions				0.00		0.00
Fugitive Dust					0.00		
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construct	ion						
Bldg Const Off-Road Diesel	31.14	214.22	247.54	-	9.03	9.03	0.00
Bldg Const Worker Trips	21.83	27.32	490.17	0.27	2.06	0.79	1.27
Arch Coatings Off-Gas	0.00				- · · · · · · · · · · · · · · · · · · ·	_	
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.00	-	~		-	-	
	0.00	0.00	0.00		0.00	0.00	0.00
Asphalt Off-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt On-Road Diesel		0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Worker Trips	0.00			0.27		9.82	1.27
Maximum lbs/day	52.96	241.54	737.71	0.27	11.09	9.02	1.41
Max lbs/day all phases	52.96	241.54	737.71	0.27	11.09	9.82	1.27
*** 2010***							
Phase 1 - Demolition Emissio	ns						
Fugitive Dust	3410						
	_	~	-		0.00		0.00
	0.00	0.00	0.00	<del></del>	0.00		0.00
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
Off-Road Diesel On-Road Diesel	0.00	0.00	0.00	0.00	0.00 0.00	0.00 0.00	0.00 0.00
Off-Road Diesel On-Road Diesel Worker Trips	0.00	0.00 0.00	0.00 0.00 0.00	0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
Off-Road Diesel On-Road Diesel	0.00	0.00	0.00	0.00	0.00 0.00	0.00 0.00	0.00 0.00
Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day Phase 2 - Site Grading Emiss	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00
Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day Phase 2 - Site Grading Emiss Fugitive Dust	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00
Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day Phase 2 - Site Grading Emiss	0.00 0.00 0.00 ions	0.00	0.00 0.00 0.00 0.00	0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00
Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day Phase 2 - Site Grading Emiss Fugitive Dust	0.00 0.00 0.00 ions	0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00
Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 2 - Site Grading Emiss Fugitive Dust Off-Road Diesel	0.00 0.00 0.00 ions 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00
Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 2 - Site Grading Emiss Fugitive Dust Off-Road Diesel On-Road Diesel	0.00 0.00 0.00 ions	0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00
Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 2 - Site Grading Emiss Fugitive Dust Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day	0.00 0.00 0.00 ions 0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00
Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 2 - Site Grading Emiss Fugitive Dust Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 3 - Building Construct	0.00 0.00 0.00 ions 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00
Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 2 - Site Grading Emiss Fugitive Dust Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 3 - Building Construct Bldg Const Off-Road Diesel	0.00 0.00 0.00 ions 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 2 - Site Grading Emiss Fugitive Dust Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 3 - Building Construct Bldg Const Off-Road Diesel Bldg Const Worker Trips	0.00 0.00 0.00 ions 0.00 0.00 0.00 0.00 ion 31.14 21.16	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 2 - Site Grading Emiss Fugitive Dust Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 3 - Building Construct Bldg Const Off-Road Diesel Bldg Const Worker Trips Arch Coatings Off-Gas	0.00 0.00 0.00 ions 0.00 0.00 0.00 0.00 ion 31.14 21.16 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 202.70 26.94	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 2 - Site Grading Emiss Fugitive Dust Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 3 - Building Construct Bldg Const Off-Road Diesel Bldg Const Worker Trips Arch Coatings Off-Gas Arch Coatings Worker Trips	0.00 0.00 0.00 ions 0.00 0.00 0.00 0.00 ion 31.14 21.16 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.27 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 2 - Site Grading Emiss Fugitive Dust Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 3 - Building Construct Bldg Const Off-Road Diesel Bldg Const Worker Trips Arch Coatings Off-Gas Arch Coatings Worker Trips Asphalt Off-Gas	0.00 0.00 0.00 ions 0.00 0.00 0.00 0.00 0.00 ion 31.14 21.16 0.00 0.00 6.06	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 2 - Site Grading Emiss Fugitive Dust Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 3 - Building Construct Bldg Const Off-Road Diesel Bldg Const Worker Trips Arch Coatings Off-Gas Arch Coatings Worker Trips Asphalt Off-Gas Asphalt Off-Road Diesel	0.00 0.00 0.00 ions 0.00 0.00 0.00 0.00 ion 31.14 21.16 0.00 0.00 6.06 20.13	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 2 - Site Grading Emiss Fugitive Dust Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 3 - Building Construct Bldg Const Off-Road Diesel Bldg Const Worker Trips Arch Coatings Worker Trips Asphalt Off-Gas Asphalt Off-Road Diesel Asphalt On-Road Diesel	0.00 0.00 0.00 ions 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 2 - Site Grading Emiss Fugitive Dust Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 3 - Building Construct Bldg Const Off-Road Diesel Bldg Const Worker Trips Arch Coatings Off-Gas Arch Coatings Worker Trips Asphalt Off-Gas Asphalt Off-Road Diesel Asphalt On-Road Diesel Asphalt Worker Trips	0.00 0.00 0.00 ions 0.00 0.00 0.00 0.00 ion 31.14 21.16 0.00 0.00 6.06 20.13 0.75 0.09	0.00 0.00 0.00 0.00 0.00 0.00 0.00 202.70 26.94 	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 2 - Site Grading Emiss Fugitive Dust Off-Road Diesel On-Road Diesel Worker Trips Maximum lbs/day  Phase 3 - Building Construct Bldg Const Off-Road Diesel Bldg Const Worker Trips Arch Coatings Worker Trips Asphalt Off-Gas Asphalt Off-Road Diesel Asphalt On-Road Diesel	0.00 0.00 0.00 ions 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0

Phase 2 - Site Grading Assumptions: Phase Turned OFF

```
Phase 3 - Building Construction Assumptions
Start Month/Year for Phase 3: Jun '07
Phase 3 Duration: 36 months
Start Month/Year for SubPhase Building: Jun '07
  SubPhase Building Duration: 36 months
  Off-Road Equipment
  No. Type
15 Other Equipment
SubPhase Architectural Coatings Turned OFF
                                                                                       Load Factor
                                                                                                               Hours/Day
                                                                  Horsepower
                                                                                          0.620
                                                                      190
                                                                                                                   8.0
  Stornase Architectural Coatings Tulned Off
Start Month/Year for SubPhase Asphalt: Apr '10
SubPhase Asphalt Duration: 1.8 months
Acres to be Paved: 91.6
Off-Road Equipment
No. Type
Hors
                                                                                                               Hours/Day
                                                                                       Load Factor
                                                                  Horsepower
  No.
9
                                                                      132
114
                                                                                          0.590
                                                                                                                    8.0
              Pavers
                                                                                                                    8.0
       9
              Rollers
```

C:\Program Files\URBEMIS 2002 Version 8.7\Projects2k2\greenbriar\_buildingconstructio Project Name: Greenbriar Grading of Entire Site and Operational Emissions
Project Location: Lower Sacramento Valley Air Basin
Dn-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

### DETAIL REPORT (Pounds/Day - Summer)

Construction Start Month and Year: June, 2007

Construction Duration: 36

Total Land Use Area to be Developed: 302.77 acres Maximum Acreage Disturbed Per Day: 75.7 acres Single Family Units: 1689 Multi-Family Units: 307
Retail/Office/Institutional/Industrial Square Footage: 288000

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (1bs/day)					
	CONCOUNTACOTOR	PMTCCTON	POTTMATES	TINMITTICATED	(lbs/day)

CONSTRUCTION EMISSION ESTIMAT	res unmiti	GATED (lbs	/day)				
					PM10	PM10	PM10
Source	ROG	NOX	co	S02	TOTAL	EXHAUST	DUST
*** 2007***							
Phase 1 - Demolition Emission					0.00	-	0.00
Fugitive Dust			- 0.00		0.00	0.00	0.00
Off-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00			0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissi	ions						
Fugitive Dust			***	_	0.00	***	0.00
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum ibarday	0.44						
Phase 3 - Building Constructi	ion						
Bldg Const Off-Road Diesel	31.14	237.57	230.41	-	10.59	10.59	0.00
Bldg Const Worker Trips	23.24	28.08	505.74	0.27	2.06	0.79	1.27
Arch Coatings Off-Gas	0.00	-	-	-	-		
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.00	-		_	-		-
Asphalt Off-Road Diesel	0.00	0.00	0.00		0.00	0.00	0.00
Asphalt On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	54.37	265.66	736.15	0.27	12.65	11.38	1.27
<del></del>							4 07
Max lbs/day all phases	54.37	265.66	736.15	0.27	12.65	11.38	1.27
*** 2008***							
Phase 1 - Demolition Emission	٦ د						
Fugitive Dust				_	0.00	rear .	0.00
Off-Road Diesel	0.00	0.00	0.00	_	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	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 Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00		
Phase 2 - Site Grading Emiss:	ions						
Fugitive Dust	***		-	-	0.00		0.00
Off-Road Diesel	0.00	0.00	0.00		0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construct:	ion						
Bldg Const Off-Road Diesel	31.14	226.05	238.82		9.65	9.65	0.00
Bldg Const Worker Trips	22.54	27.72	498.20	0.27	2.06	0.79	1.27
Arch Coatings Off-Gas	0.00	-	-			-	-
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.00	**	-	70	****		-
Asphalt Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
Asphalt On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	53.68	253.78	737.02	0.27	11.72	10.45	1.27
Tree materials makes and							
Max lbs/day all phases	53.68	253.78	737.02	0.27	11.72	10.45	1.27

Phase 1 - Demolition Emissio	ns						
Fugitive Dust			_	~	0.00	_	0.00
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emiss	ions						
Fugitive Dust	~~	_	-	_	0.00	_	0.00
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construct	ion						
Bldg Const Off-Road Diesel	31.14	214.22	247.54	_	9.03	9.03	0.00
Bldg Const Worker Trips	21.83	27.32	490.17	0.27	2.06	0.79	1.27
Arch Coatings Off-Gas	0.00	27.32	-150.17	0.2.	2.00	U.73	1.21
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.00	0.00	0.00	7.00	0.00	0.00	0.00
Asphalt Off-Road Diesel	0.00	0.00	0.00	-	0.00		
Asphalt On-Road Diesel	0.00	0.00	0.00	0.00		0.00	0.00
Asphalt Worker Trips	0.00	0.00	0.00		0.00	0.00	0.00
Maximum lbs/day	52.96	241.54	737.71	0.00	0.00	0.00	0.00
Maximum IDS/day	32.30	241.34	137.11	0.27	11.09	9.82	1.27
Max lbs/day all phases	52.96	241.54	737.71	0.27	11.09	9.82	1.27
*** 2010***							
Phase 1 - Demolition Emissio	ne						
Fugitive Dust	112	_	_	_	0.00		0.00
Off-Road Diesel	0.00	0.00	0.00		0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Menimum 1057 day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emiss						188 1881	
Fugitive Dust	-			-	0.00	1. 名 <del>度</del> 元件	
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construct	ion				•		
Bldg Const Off-Road Diesel	31.14	202.70	255.94		8.10	8.10	0.00
Bldg Const Worker Trips	21.16	26.94	482.58	0.27	2.06	0.79	1.27
Arch Coatings Off-Gas	0.00	_	-				
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	6.06	<del>-</del>			_	-	-
Asphalt Off-Road Diesel	20.13	116.73	171.06		3.22	3.22	0.00
Asphalt On-Road Diesel	0.75	11.42	2.76	0.03	0.33	0.31	0.02
Asphalt Worker Trips	0.09	0.04	1.12	0.00	0.02	0.00	0.02
Maximum lbs/day	78.65	356.55	897.80	0.30	13.73	12.42	1.31
Max 1bs/day all phases	78.65	356.55	897.80	0.30	13.73	12.42	1.31
are many and were freezes, and	. ~ . ~	J-4-J-	2200	0.50	ل کیا ہے جب الب	***	T . 3 T

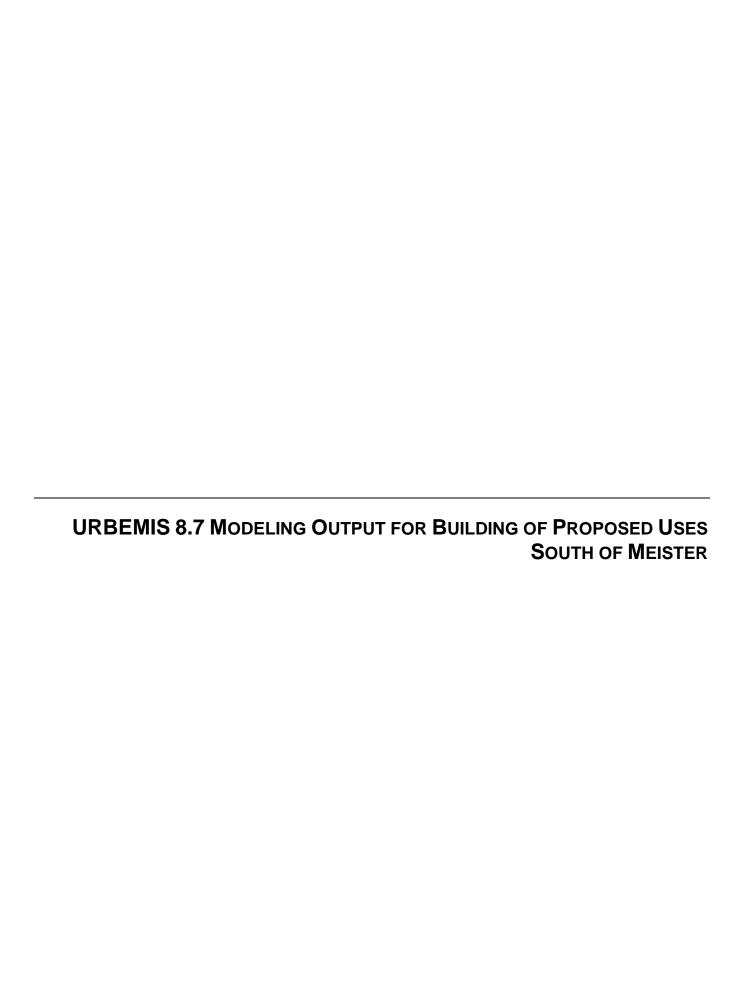
Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions			
Start Month/Year for Phase 3: Jun '07			
Phase 3 Duration: 36 months			
Start Month/Year for SubPhase Building: Ju	m '07		i.
SubPhase Building Duration: 36 months			
Off-Road Equipment			
No. Type	Horsepower	Load Factor	Hours/Day
15 Other Equipment	190	0.620	8.0
SubPhase Architectural Coatings Turned OFF	•		
Start Month/Year for SubPhase Asphalt: Apr	'10		
SubPhase Asphalt Duration: 1.8 months			
Acres to be Paved: 91.6			
Off-Road Equipment			
No. Type	Horsepower	Load Factor	Hours/Day
9 Pavers	132	0.590	8.0
9 Rollers	114	0.430	8.0
			5.0

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File Name: C:\Program Files\URBEMIS 2002 Version 8.7\Projects2k2\greenbriar\_buildingconstruction
Project Name: Greenbriar Building Construction of Phase 2
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT (Pounds/Day - Summer)

(rounds) bay	

CONSTRUCTION EMISSION ESTIMATES							
*** 2009 *** TOTALS (lbs/day,unmitigated)	ROG 42.95	NOx 210.88	CO 556.31	SO2 0.21	PM10 TOTAL 9.71	PM10 EXHAUST 8.72	PM10 DUST 0.99
*** 2010 *** TOTALS (lbs/day,unmitigated)	ROG 42.43	NOx 200.21	CO 557.96	SO2 0.21	PM10 TOTAL 8.87	PM10 EXHAUST 7.88	PM10 DUST 0.99
*** 2011 *** TOTALS (lbs/day,unmitigated)	ROG 42.43	NOx 200.21	co 557.96	SO2 0.21	PM10 TOTAL 8.87	PM10 EXHAUST 7.88	PM10 DUST 0.99
*** 2012 *** TOTALS (lbs/day,unmitigated)	ROG 62-27	NOx 295_98	CO 677.94	SO2 0.24	PM10 TOTAL 11.56	PM10 EXHAUST 10.54	PM10 DUST 1.02
	62. X	296	ÇŲ				

ile Name: C:\Program Files\URBEMIS 2002 Version 8.7\Projects2k2\greenbriar\_buildingconstruction of Phase 2
roject Location: Lower Sacramento Valley Air Basin n-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT (Pounds/Day - Winter)

ONSTRUCTION EMISSION ESTIMATES					PM10	PM10	PM10
*** 2009 *** TOTALS (lbs/day,unmitigated)	ROG 42.95	NOx 210.88	CO 556.31	SO2 0.21	TOTAL 9.71	EXHAUST 8.72	DUST 0.99
*** 2010 *** TOTALS (lbs/day,unmitigated)	ROG 42.43	NOx 200.21	CO 557.96	SO2 0.21	PM10 TOTAL 8.87	PM10 EXHAUST 7.88	PM10 DUST 0.99
*** 2011 *** TOTALS (lbs/day,unmitigated)	ROG 42.43	NOx 200.21	CO 557.96	SO2 0.21	PM10 TOTAL 8.87	PM10 EXHAUST 7.88	PM10 DUST 0.99
*** 2012 *** TOTALS (lbs/day,unmitigated)	ROG 62.27	NOX 295 88	CO 677.94	SO2 0.24	PM10 TOTAL 11.56	PM10 EXHAUST 10.54	PM10 DUST 1.02

62.8 296.96

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Greenbriar Building Construction of Phase 2 Lower Sacramento Valley Air Basin Project Name:

Project Location: On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

## DETAIL REPORT (Pounds/Day - Winter)

Construction Start Month and Year: June, 2009
Construction Duration: 36
Total Land Use Area to be Developed: 274.27 acres
Maximum Acreage Disturbed Per Day: 68.57 acres
Single Family Units: 1197 Multi-Family Units: 280
Retail/Office/Institutional/Industrial Square Footage: 444310

CONSTRUCTION	EMICSSION	ROTIMATES	INMITTICATED	(The/day)

CONSTRUCTION EMISSION ESTIMA	MISS OWNII.	daine.	s, day,		PM1.0	PM10	PM10
Source	ROG	NOx	co	502	TOTAL	EXHAUST	DUST
*** 2009***							200
Phase 1 - Demolition Emission	ons						
Fugitive Dust			_	•••	0.00	-	0.00
Off-Road Diesel	0.00	0.00	0.00		0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum 1bs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emiss	sions						
Fugitive Dust		-	-		0.00	<b>→</b>	0.00
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phono 3 Puilding Construct	-i						
Phase 3 - Building Construct Bldg Const Off-Road Diesel	28.02	192.80	222.78	-	0 13	0 73	0.00
Bldg Const Worker Trips	14.92	18.08	333.53	0.21	8.13 1.58	8.13 0.59	0.00
Arch Coatings Off-Gas	0.00	10.00	232.23	0.21	1.50	0.59	0.99
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.00	0.00	-	0.00	0.00	0.00	0.00
Asphalt Off-Road Diesel	0.00	0.00	0.00	_	0.00	0.00	0.00
Asphalt On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	42.95	210.88	556.31	0.21	9.71	8.72	0.99
			_				
Max lbs/day all phases	42.95	210.88	556.31	0.21	9.71	8.72	0.99
*** 2010***							
Phase 1 - Demolition Emissic	ns						
Fugitive Dust			***		0.00	-	0.00
Off-Road Diesel	0.00	0.00	0.00		0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emiss	ions						
Fugitive Dust	_	_	_		0.00	-	0.00
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Norker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construct	ion						
Bldg Const Off-Road Diesel	28.02	182.43	230.35	-	7.29	7.29	0.00
3ldg Const Worker Trips	14.40	17.78	327.62	0.21	1.58	0.59	0.99
Arch Coatings Off-Gas	0.00		~ ~	-	1.50	0.00	0.35
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.00	-	-	-	-	-	-
Asphalt Off-Road Diesel	0.00	0.00	0.00	_	0.00	0.00	0.00
Asphalt On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	42.43	200.21	557.96	0.21	8.87	7.88	0.99
Max lbs/day all phases	42.43	200.21	557.96	0.21	0 07	7 00	0.00
max instudy all buases	44.43	400.41	337.30	0.21	8.87	7.88	0.99

Phase 1 - Demolition Emission	ns						-
Fugitive Dust	***	_		-	0.00	~	0.00
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emiss	ions						
Fugitive Dust			~	_	0.00	-	0.00
Off-Road Diesel	0.00	0.00	0.00	_	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construct	ion						
Bldq Const Off-Road Diesel	28.02	182,43	230.35	_	7.29	7.29	0.00
Bldg Const Worker Trips	14.40	17.78	327.62	0.21	1.58	0.59	0.99
Arch Coatings Off-Gas	0.00					-	
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.00	~	-	-	-	0.00	0.00
Asphalt Off-Road Diesel	0.00	0.00	0.00	_	0.00	0.00	0.00
Asphalt On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	42.43	200.21	557.96	0.21	8.87	7.88	0.99
raximum ibs/day							
Max lbs/day all phases	42.43	200.21	557.96	0.21	8.87	7.88	0.99
*** 2012***							
Phase 1 - Demolition Emission	ns						
Fugitive Dust	-	_	-		0.00	_	0.00
Off-Road Diesel	0.00	0.00	0.00	_	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
_							
Phase 2 - Site Grading Emiss	ions				0.00		
Fugitive Dust				-	0.00		0.00
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construct		400 40	030 35		, m.,	<b></b>	
Bldg Const Off-Road Diesel	28.02	182.43	230.35		7.29	7.29	0.00
Bldg Const Worker Trips	14.40	17.78	327.62	0.21	1.58	0.59	0.99
Arch Coatings Off-Gas	0.00				_	-	_
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	4.53	<del>-</del>	<del>.</del>	-	-	<del>.</del>	
Asphalt Off-Road Diesel	15.21	88.19	129.25	_	2.43	2.43	0.00
Asphalt On-Road Diesel	0.56	8.53	2.06	0.03	0.25	0.23	0.02
Asphalt Worker Trips	0.07	0.03	0.86	0.00	0.02	0.00	0.02
Maximum lbs/day	62.27	295.98	677.94	0.24	11.56	10.54	1.02
Max lbs/day all phases	62/27	295,98	677.94	0.24	11.56	10.54	1.02

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions Start Month/Year for Phase 3: Jun '09 Phase 3 Duration: 36 months Start Month/Year for SubPhase Building: Jun '09 SubPhase Building Duration: 36 months Off-Road Equipment Type Other Equipment Load Factor Horsepower Hours/Day 190 0.620 8.0 SubPhase Architectural Coatings Turned OFF Start Month/Year for SubPhase Asphalt: Apr '12 SubPhase Asphalt Duration: 1.8 months Acres to be Paved: 68.4 Off-Road Equipment Type Pavers Hours/Day Load Factor Horsepower No. 132 0.590 8.0 0.430 114 8.0 Rollers

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Greenbriar Building Construction of Phase 2 Project Name:

Lower Sacramento Valley Air Basin Project Location: On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

#### DETAIL REPORT (Pounds/Day - Summer)

Construction Start Month and Year: June, 2009

Construction State month and rear: June, 2009
Construction Duration: 36
Total Land Use Area to be Developed: 274.27 acres
Maximum Acreage Disturbed Per Day: 68.57 acres
Single Family Units: 1197 Multi-Family Units: 280
Partial (Office (Tartitutional Land)

Retail/Office/Institutional/Industrial Square Footage: 444310

CONSTRUCTION EMISSION ESTIMA	TES UNMITI	GATED (1bs	/day)		PM10	PM10	PM10
Source *** 2009***	ROG	NOx	CO	SO2	TOTAL	EXHAUST	DUST
Phase 1 - Demolition Emission	ns						
Fugitive Dust	-	_	_	_	0.00	-	0.00
Off-Road Diesel	0.00	0.00	0.00		0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum 1bs/day	0.00	0.00	0.00	0.00			
Phase 2 - Site Grading Emiss	ions						
Fugitive Dust	nan		MA	-	0.00	_	0.00
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum 1bs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Entrance 2007 swy							
Phase 3 - Building Construct						0.10	
Bldg Const Off-Road Diesel	28.02	192.80	222.78	-	8.13		0.00
Bldg Const Worker Trips	14.92	18.08	333.53	0.21	1.58	0.59	. 0.99
Arch Coatings Off-Gas	0.00	-			_		-
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.00			-	-		Aust
Asphalt Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
Asphalt On-Road Diesel	0.00	0.00	0.00	0.00	0:00	0.00	0.00
Asphalt Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	42.95	210.88	556.31	0.21	9.71	8.72	0.99
		010 00	mm.c. 33	0.21	9.71	8.72	0.99
Max lbs/day all phases	42.95	210.88	556.31	0.21	3-12	0.72	0.55
*** 2010***							
Phase 1 - Demolition Emissio	ns						
Fugitive Dust		***		-	0.00	-	0.00
Off-Road Diesel	0.00	0.00	0.00		0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emiss	ions		_	***	0.00	-	0.00
Fugitive Dust	0 00		0.00	-	0.00	0.00	0.00
Off-Road Diesel	0.00	0.00			0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00		0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construct	ion					•	
Bldg Const Off-Road Diesel	28.02	182.43	230.35	_	7.29	7.29	0.00
Bldg Const Worker Trips	14.40	17.78	327.62	0.21	1.58	0.59	0.99
	0.00		327.02	V.D.		_	
Arch Coatings Off-Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arch Coatings Worker Trips		0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.00			_	0.00	0.00	0.00
Asphalt Off-Road Diesel	0.00	0.00	0.00			0.00	0.00
Asphalt On-Road Diesel	0.00	0.00	0.00	0.00	0.00		
Asphalt Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	42.43	200.21	557.96	0.21	8.87	7.88	0.99
Max lbs/day all phases	42.43	200.21	557.96	0.21	8.87	7.88	0.99

Phase 1 - Demolition Emission	ns						
Fugitive Dust				-	0.00		0.00
Off-Road Diesel	0.00	0.00	0.00		0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emiss	ions	<del></del>	_		0.00	vm.	0.00
Fugitive Dust	0.00			_	0.00	0.00	0.00
Off-Road Diesel	0.00	0.00	0.00	~ ~			0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00		
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construct	ion						
Bldq Const Off-Road Diesel	28.02	182.43	230.35		7.29	7.29	0.00
Bldg Const Worker Trips	14.40	17.78	327.62	0.21	1.58	0.59	0.99
Arch Coatings Off-Gas	0.00	1,2,0	J27.02	U-21	1.50	0.35	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas		0.00	0.00		0.00	0.00	0.00
Asphalt Off-Road Diesel	0.00						
Asphalt On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	42.43	200.21	557.96	0.21	8.87	7.88	0.99
Max lbs/day all phases	42.43	200.21	557.96	0.21	8.87	7.88	0.99
*** 2012***							
Phase 1 - Demolition Emission	ns						
Fugitive Dust		-	_	_	0.00	_	0.00
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	,						* s. wt.
Phase 2 - Site Grading Emiss	lons				0.00		
Fugitive Dust		-			0.00	-	0.00
Off-Road Diesel	0.00	0.00	0.00		0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construct	ion						
	28.02	182.43	230.35	***	7.29	7.29	0.00
Bldg Const Off-Road Diesel		17.78	327.62	0.21	1.58	0.59	0.00
Bldg Const Worker Trips	14.40			0.21			
Arch Coatings Off-Gas	0.00		-	-		-	
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	4.53	<del>-</del>		_		_	-
Asphalt Off-Road Diesel	15.21	88.19	129.25		2.43	2.43	0.00
Asphalt On-Road Diesel	0.56	8.53	2.06	0.03	0.25	0.23	0.02
Asphalt Worker Trips	0.07	0.03	0.86	0.00	0.02	0.00	0.02
Maximum lbs/day	62.27	295.98	677.94	0.24	11.56	10.54	1.02
Max lbs/day all phases	62,27	295- <del>98</del> 1294:	677.94	0.24	11.56	10.54	1.02
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Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions Start Month/Year for Phase 3: Jun '09 Phase 3 Duration: 36 months Start Month/Year for SubPhase Building: Jun '09 SubPhase Building Duration: 36 months Off-Road Equipment Load Factor Hours/Day Type Horsepower Other Equipment 190 0.620 8.0 SubPhase Architectural Coatings Turned OFF Start Month/Year for SubPhase Asphalt: Apr '12 SubPhase Asphalt Duration: 1.8 months Acres to be Paved: 68.4 Off-Road Equipment Type Pavers Hours/Day No. Horsepower Load Factor 132 114 0.590 8.0 0.430 8.0 Rollers

Control of the Contro

40.00