

APPENDIX E – Air Quality Modeling Results

Township 9 Construction Equipment/Use Specifications				Average Daily Use	
Project Component	Construction Area Area/Quantity of construction	Duration	Total Equipment	Area Worked	Equipment Used
Entire Site					
Demolition	940,000 sf of buildings	16 weeks	4-trucks, high side demo type 25t 2-excavator 1-water truck	20%-25%	No more than 50% of equipment 50% of the time
Grading / Excavation	130,000 cy 4 phases 13 acres per phase	7 weeks	2-excavators, 235/245 type 15-compact 2-water trucks 1-blade 10 trucks double bottom (semi bottom)	5%-10%	No more than 25% of equipment 100% of the time
Phase I					
Site Improvements	1,450 lf full section roadway and utilitk	12 weeks	<u>At Beginning (2 weeks)</u> 1-small excavator 1-skip loader 1-blade 1-compact 1-water truck 5-trucks (double bottom) <u>Most of Phase</u> 1-backhoe Pickups & other small equipment <u>At End (2 weeks)</u> 1-paving machine 2-rollers Concrete delivery trucks	15%-20%	No more than 25% of equipment 50% of the time
Phase II					
Site Improvements	2,885 full section roadway 1,100 Richards frontage	10 weeks	<u>At Beginning (2 weeks)</u> 1-small excavator 1-skip loader 1-blade 1-compact 1-water truck 5-trucks (double bottom) <u>Most of Phase</u> 1-backhoe Pickups & other small equipment <u>At End (2 weeks)</u> 1-paving machine 2-rollers Concrete delivery trucks	15%-20%	No more than 25% of equipment 50% of the time
Building Construction (including parking and retail)					
Parcel 11	134 units - low rise 2.63 acres	18 months	1-forklift 1-truck (3 trips/day each)	15%-20%	No more than 50% of equipment 50% of the time
Parcel 12	124 units - low rise	18 months	1-forklift 1-truck (3 trips/day each)	15%-20%	No more than 50% of equipment 50% of the time
Phase III					
Site Improvements	1,270 lf full section roadway and utilitk	10 weeks	<u>At Beginning (2 weeks)</u> 1-skip loader 1-blade 1-compact 1-water truck 5-trucks (double bottom) <u>Most of Phase</u> 1-backhoe Pickups & other small equipment <u>At End (2 weeks)</u> 1-paving machine 2-rollers Concrete delivery trucks	15%-20%	No more than 25% of equipment 50% of the time
Building Construction (including parking and retail)					
Parcel 10	145 units - low rise	18 months	1-forklift 1-truck (3 trips/day each)	15%-20%	No more than 50% of equipment 50% of the time
Parcel 4	172 units - mid-rise	18 months	1-crane 1-forklift 1-truck (3 trips/day each)	15%-20%	No more than 50% of equipment 50% of the time
Phase IV					
Site grading, infrastructure	475 lf full section roadway and utilitk	8 weeks	<u>At Beginning (2 weeks)</u> 1-small excavator 1-small dozer 1-blade 1-compact 1-water truck 5-trucks (double bottom) 1-skip loader <u>Most of Phase</u> 1-backhoe Pickups & other small equipment <u>At End (2 weeks)</u> 1-paving machine 2-rollers Concrete delivery trucks	15%-20%	No more than 25% of equipment 50% of the time
Building Construction (including parking and retail)					
Parcel 3	267 units - mid-rise	18 months	1-crane 1-forklift 1-truck (3 trips/day each)	15%-20%	No more than 50% of equipment 50% of the time
Parcel 5	387 units - mid-rise	18 months	1-crane 1-forklift 1-truck (3 trips/day each)	15%-20%	No more than 50% of equipment 50% of the time
Parcel 15	73 units - low rise	18 months	1-forklift 1-truck (3 trips/day each)	15%-20%	No more than 50% of equipment 50% of the time
Parcel 16	91 units - low rise	18 months	1-forklift 1-truck (3 trips/day each)	15%-20%	No more than 50% of equipment 50% of the time
Parcel 13	196 units - mid-rise	18 months	1-crane 1-forklift 1-truck (3 trips/day each)	15%-20%	No more than 50% of equipment 50% of the time
Parcel 14	183 units - mid-rise	18 months	1-crane 1-forklift 1-truck (3 trips/day each)	15%-20%	No more than 50% of equipment 50% of the time
Parcel 17	229 units - mid-rise	18 months	1-crane 1-forklift 1-truck (3 trips/day each)	15%-20%	No more than 50% of equipment 50% of the time
Parcel 6	262 units - mid-rise	18 months	1-crane 1-forklift 1-truck (3 trips/day each)	15%-20%	No more than 50% of equipment 50% of the time
Parcel 7	118 units - low rise	18 months	1-forklift 1-truck (3 trips/day each)	15%-20%	No more than 50% of equipment 50% of the time
Parcel 8	86 units - low rise	18 months	1-forklift 1-truck (3 trips/day each)	15%-20%	No more than 50% of equipment 50% of the time
Parcel 1	513 units - mid-rise	18 months	1-crane 1-forklift 1-truck (3 trips/day each)	15%-20%	No more than 50% of equipment 50% of the time

Construction Emissions Mitigation Fee Calculation

PART 1: PROJECT INFORMATION

Project Name:	Township 9 - Phase 2,3&4 - Year 2010b		
Control/Application #:			
Single Family Dwelling Units:		<i>Note: Enter information only in blue bordered cells</i>	
Multi Family Dwelling Units:		Total Residential Acreage:	
Non-residential Square Feet:		Total Non-residential Acreage:	

PART 2: EMISSIONS INFORMATION

Year	Activity Phase	NOx (lbs/day) unmitigated	NOx (lbs/day) mitigated*	NOx over threshold (lbs/day)	duration (days)	Total significant NOx (lbs)
	Demolition (on road)					
	Demolition (off road)		0.00			
	TOTAL Demolition	0.00	0.00	0		0.00
	Grading		0.00	0		0.00
	Building Construction	121.44	97.15	12.15	132	1604.06
	Building Construction		0.00	0		0.00
	Building Construction		0.00	0		0.00
	Asphalt		0.00	0		0.00
	<i>Total project Nox over threshold (lbs)</i>		1604.06			
	<i>Total project Nox over threshold (tons)</i>		0.80			

PART 3: MITIGATION FEE RESULTS

TOTAL MITIGATION FEE (\$14,300/TON)**	\$11,469	
<i>>>> Fee is to be paid to the SMAQMD prior to any ground disturbance either in total or on a by acre basis.</i>		
Mitigation Fee (\$/acre)	#DIV/0!	

* Assumes a construction mitigation plan which achieves a 20% reduction in NOx from on-site, off-road equipment.

** Or the \$/ton of NOx cost-effectiveness value in effect at the time the fee is collected.

Construction Emissions Mitigation Fee Calculation

PART 1: PROJECT INFORMATION

Project Name:	Township 9 - Phase 3&4 - Year 2011a		
Control/Application #:			
Single Family Dwelling Units:		<i>Note: Enter information only in blue bordered cells</i>	
Multi Family Dwelling Units:		Total Residential Acreage:	
Non-residential Square Feet:		Total Non-residential Acreage:	

PART 2: EMISSIONS INFORMATION

Year	Activity Phase	NOx (lbs/day) unmitigated	NOx (lbs/day) mitigated*	NOx over threshold (lbs/day)	duration (days)	Total significant NOx (lbs)
	Demolition (on road)					
	Demolition (off road)		0.00			
	TOTAL Demolition	0.00	0.00	0		0.00
	Grading		0.00	0		0.00
	Building Construction	141.73	113.38	28.38	132	3746.69
	Building Construction		0.00	0		0.00
	Building Construction		0.00	0		0.00
	Asphalt		0.00	0		0.00
	<i>Total project Nox over threshold (lbs)</i>		<i>3746.69</i>			
	<i>Total project Nox over threshold (tons)</i>		<i>1.87</i>			

PART 3: MITIGATION FEE RESULTS

TOTAL MITIGATION FEE (\$14,300/TON)**	\$26,789	
<i>>>> Fee is to be paid to the SMAQMD prior to any ground disturbance either in total or on a by acre basis.</i>		
Mitigation Fee (\$/acre)	#DIV/0!	

* Assumes a construction mitigation plan which achieves a 20% reduction in NOx from on-site, off-road equipment.

** Or the \$/ton of NOx cost-effectiveness value in effect at the time the fee is collected.

Construction Emissions Mitigation Fee Calculation

PART 1: PROJECT INFORMATION

Project Name:	Township 9 - Phase 3&4 - Year 2011b		
Control/Application #:			
Single Family Dwelling Units:		<i>Note: Enter information only in blue bordered cells</i>	
Multi Family Dwelling Units:		Total Residential Acreage:	
Non-residential Square Feet:		Total Non-residential Acreage:	

PART 2: EMISSIONS INFORMATION

Year	Activity Phase	NOx (lbs/day) unmitigated	NOx (lbs/day) mitigated*	NOx over threshold (lbs/day)	duration (days)	Total significant NOx (lbs)
	Demolition (on road)					
	Demolition (off road)		0.00			
	TOTAL Demolition	0.00	0.00	0		0.00
	Grading		0.00	0		0.00
	Building Construction	146.47	117.18	32.18	132	4247.23
	Building Construction		0.00	0		0.00
	Building Construction		0.00	0		0.00
	Asphalt		0.00	0		0.00
	<i>Total project Nox over threshold (lbs)</i>		<i>4247.23</i>			
	<i>Total project Nox over threshold (tons)</i>		<i>2.12</i>			

PART 3: MITIGATION FEE RESULTS

TOTAL MITIGATION FEE (\$14,300/TON)**	\$30,368				
<i>>>> Fee is to be paid to the SMAQMD prior to any ground disturbance either in total or on a by acre basis.</i>					
Mitigation Fee (\$/acre)		#DIV/0!			

* Assumes a construction mitigation plan which achieves a 20% reduction in NOx from on-site, off-road equipment.

** Or the \$/ton of NOx cost-effectiveness value in effect at the time the fee is collected.

Construction Emissions Mitigation Fee Calculation

PART 1: PROJECT INFORMATION

Project Name:	Township 9 - Phase 4 - Year 2013-16		
Control/Application #:			
Single Family Dwelling Units:		<i>Note: Enter information only in blue bordered cells</i>	
Multi Family Dwelling Units:		Total Residential Acreage:	
Non-residential Square Feet:		Total Non-residential Acreage:	

PART 2: EMISSIONS INFORMATION

Year	Activity Phase	NOx (lbs/day) unmitigated	NOx (lbs/day) mitigated*	NOx over threshold (lbs/day)	duration (days)	Total significant NOx (lbs)
	Demolition (on road)					
	Demolition (off road)		0.00			
	TOTAL Demolition	0.00	0.00	0		0.00
	Grading		0.00	0		0.00
	Building Construction	123.21	98.57	13.57	132	1790.98
	Building Construction		0.00	0		0.00
	Building Construction		0.00	0		0.00
	Asphalt		0.00	0		0.00
	<i>Total project Nox over threshold (lbs)</i>		<i>1790.98</i>			
	<i>Total project Nox over threshold (tons)</i>		<i>0.90</i>			

PART 3: MITIGATION FEE RESULTS

TOTAL MITIGATION FEE (\$14,300/TON)**	\$12,805				
<i>>>> Fee is to be paid to the SMAQMD prior to any ground disturbance either in total or on a by acre basis.</i>					
Mitigation Fee (\$/acre)		#DIV/0!			

* Assumes a construction mitigation plan which achieves a 20% reduction in NOx from on-site, off-road equipment.

** Or the \$/ton of NOx cost-effectiveness value in effect at the time the fee is collected.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\Demolition.urb
Project Name: Township 9 Demolition
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2007 ***							
TOTALS (lbs/day,unmitigated)	12.37	144.95	80.24	0.18	58.04	3.79	54.25

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\Demolition.urb
Project Name: Township 9 Demolition
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2007 ***							
TOTALS (lbs/day,unmitigated)	12.37	144.95	80.24	0.18	58.04	3.79	54.25

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\Demolition.urb
Project Name: Township 9 Demolition
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2007 ***							
TOTALS (tpy, unmitigated)	0.68	7.43	4.41	0.01	3.19	0.21	2.98

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\Demolition.urb
 Project Name: Township 9 Demolition
 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: July, 2007
 Construction Duration: 5
 Total Land Use Area to be Developed: 13.89 acres
 Maximum Acreage Disturbed Per Day: 13.89 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2007***							
Phase 1 - Demolition Emissions							
Fugitive Dust	-	-	-	-	53.84	-	53.84
Off-Road Diesel	7.24	46.16	59.60	-	1.67	1.67	0.00
On-Road Diesel	5.03	98.67	18.50	0.18	2.52	2.12	0.40
Worker Trips	0.10	0.12	2.14	0.00	0.01	0.00	0.01
Maximum lbs/day	12.37	144.95	80.24	0.18	58.04	3.79	54.25
Phase 2 - Site Grading Emissions							
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 Construction							
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	12.37	144.95	80.24	0.18	58.04	3.79	54.25

Phase 3 - Building Construction Assumptions: Phase Turned OFF
 Start Month/Year for Phase 1: Jul '07
 Phase 1 Duration: 5 months
 Building Volume Total (cubic feet): 14100000
 Building Volume Daily (cubic feet): 128182.5
 On-Road Truck Travel (VMT): 3798.4
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
2	Excavators	180	0.580	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Other Equipment	190	0.620	5.0
1	Tractor/Loaders/Backhoes	79	0.465	6.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths
Demolition Truck Hauling Miles/Round Trip changed from 30 to 16

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\Demolition.urb
 Project Name: Township 9 Demolition
 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: July, 2007
 Construction Duration: 5
 Total Land Use Area to be Developed: 13.89 acres
 Maximum Acreage Disturbed Per Day: 13.89 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2007***							
Phase 1 - Demolition Emissions							
Fugitive Dust	-	-	-	-	53.84	-	53.84
Off-Road Diesel	7.24	46.16	59.60	-	1.67	1.67	0.00
On-Road Diesel	5.03	98.67	18.50	0.18	2.52	2.12	0.40
Worker Trips	0.10	0.12	2.14	0.00	0.01	0.00	0.01
Maximum lbs/day	12.37	144.95	80.24	0.18	58.04	3.79	54.25
Phase 2 - Site Grading Emissions							
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 Construction							
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	12.37	144.95	80.24	0.18	58.04	3.79	54.25

Phase 3 - Building Construction Assumptions: Phase Turned OFF

Start Month/Year for Phase 1: Jul '07
 Phase 1 Duration: 5 months
 Building Volume Total (cubic feet): 14100000
 Building Volume Daily (cubic feet): 128182.5
 On-Road Truck Travel (VMT): 3798.4
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
2	Excavators	180	0.580	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Other Equipment	190	0.620	5.0
1	Tractor/Loaders/Backhoes	79	0.465	6.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths
Demolition Truck Hauling Miles/Round Trip changed from 30 to 16

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\Demolition.urb
 Project Name: Township 9 Demolition
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Tons/Year)

Construction Start Month and Year: July, 2007
 Construction Duration: 5
 Total Land Use Area to be Developed: 13.89 acres
 Maximum Acreage Disturbed Per Day: 13.89 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2007***							
Phase 1 - Demolition Emissions							
Fugitive Dust	-	-	-	-	2.96	-	2.96
Off-Road Diesel	0.40	2.54	3.28	-	0.09	0.09	0.00
On-Road Diesel	0.28	4.88	1.02	0.01	0.14	0.12	0.00
Worker Trips	0.00	0.01	0.11	0.00	0.00	0.00	0.00
Total tons/year	0.68	7.43	4.41	0.01	3.19	0.21	2.98
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total all phases tons/yr	0.68	7.43	4.41	0.01	3.19	0.21	2.98

Phase 3 - Building Construction Assumptions: Phase Turned OFF
 Start Month/Year for Phase 1: Jul '07
 Phase 1 Duration: 5 months
 Building Volume Total (cubic feet): 14100000
 Building Volume Daily (cubic feet): 128182.5
 On-Road Truck Travel (VMT): 3798.4
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
2	Excavators	180	0.580	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Other Equipment	190	0.620	5.0
1	Tractor/Loaders/Backhoes	79	0.465	6.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths
Demolition Truck Hauling Miles/Round Trip changed from 30 to 16

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2007\Site Grading and Preparation
Project Name: Township 9 Site Grading and Preparation
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2007 ***							
TOTALS (lbs/day, unmitigated)	12.97	84.64	107.48	0.00	236.50	3.26	233.24
TOTALS (lbs/day, mitigated)	12.97	84.64	107.48	0.00	119.89	3.26	116.63

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2007\Site Grading and Preparation
Project Name: Township 9 Site Grading and Preparation
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2007 ***							
TOTALS (lbs/day, unmitigated)	12.97	84.64	107.48	0.00	236.50	3.26	233.24
TOTALS (lbs/day, mitigated)	12.97	84.64	107.48	0.00	119.89	3.26	116.63

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2007\Site Grading and Preparation
Project Name: Township 9 Site Grading and Preparation
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2007 ***							
TOTALS (tpy, unmitigated)	0.43	2.79	3.53	0.00	7.81	0.11	7.70
TOTALS (tpy, mitigated)	0.43	2.79	3.53	0.00	3.96	0.11	3.85

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2007\Site Grading and Preparation
 Project Name: Township 9 Site Grading and Preparation
 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: October, 2007
 Construction Duration: 3
 Total Land Use Area to be Developed: 65 acres
 Maximum Acreage Disturbed Per Day: 7 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2007***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	233.23	-	233.23
Off-Road Diesel	12.77	84.27	103.46	-	3.25	3.25	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.20	0.37	4.02	0.00	0.02	0.01	0.01
Maximum lbs/day	12.97	84.64	107.48	0.00	236.50	3.26	233.24
Phase 3 - Building Construction							
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	12.97	84.64	107.48	0.00	236.50	3.26	233.24

Phase 3 - Building Construction Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Oct '07
 Phase 2 Duration: 3 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	4.0
1	Crushing/Processing Equip	154	0.780	6.0
2	Excavators	180	0.580	6.0
3	Off Highway Trucks	417	0.490	4.0
2	Other Equipment	190	0.620	4.0
1	Tractor/Loaders/Backhoes	79	0.465	5.0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2007***							
Phase 1 - Demolition Emissions							
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 Emissions							

Fugitive Dust	-	-	-	-	116.62	-	116.62
Off-Road Diesel	12.77	84.27	103.46	-	3.25	3.25	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.20	0.37	4.02	0.00	0.02	0.01	0.01
Maximum lbs/day	12.97	84.64	107.48	0.00	119.89	3.26	116.63
Phase 3 - Building Construction							
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	12.97	84.64	107.48	0.00	119.89	3.26	116.63

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Water exposed surfaces - 3x daily
 Percent Reduction (ROG 0.0% NOx 0.0% CO 0.0% SO2 0.0% PM10 50.0%)
 Phase 3 - Building Construction Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Oct '07
 Phase 2 Duration: 3 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	4.0
1	Crushing/Processing Equip	154	0.780	6.0
2	Excavators	180	0.580	6.0
3	Off Highway Trucks	417	0.490	4.0
2	Other Equipment	190	0.620	4.0
1	Tractor/Loaders/Backhoes	79	0.465	5.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Site Grading Fugitive Dust Option changed from Level 1 to Level 2

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 3x daily
has been changed from off to on.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2007\Site Grading and Preparation
 Project Name: Township 9 Site Grading and Preparation
 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: October, 2007
 Construction Duration: 3
 Total Land Use Area to be Developed: 65 acres
 Maximum Acreage Disturbed Per Day: 7 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2007***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	233.23	-	233.23
Off-Road Diesel	12.77	84.27	103.46	-	3.25	3.25	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.20	0.37	4.02	0.00	0.02	0.01	0.01
Maximum lbs/day	12.97	84.64	107.48	0.00	236.50	3.26	233.24
Phase 3 - Building Construction							
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	12.97	84.64	107.48	0.00	236.50	3.26	233.24

Phase 3 - Building Construction Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Oct '07
 Phase 2 Duration: 3 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	4.0
1	Crushing/Processing Equip	154	0.780	6.0
2	Excavators	180	0.580	6.0
3	Off Highway Trucks	417	0.490	4.0
2	Other Equipment	190	0.620	4.0
1	Tractor/Loaders/Backhoes	79	0.465	5.0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2007***							
Phase 1 - Demolition Emissions							
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 Emissions							

Fugitive Dust	-	-	-	-	116.62	-	116.62
Off-Road Diesel	12.77	84.27	103.46	-	3.25	3.25	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.20	0.37	4.02	0.00	0.02	0.01	0.01
Maximum lbs/day	12.97	84.64	107.48	0.00	119.89	3.26	116.63
Phase 3 - Building Construction							
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	12.97	84.64	107.48	0.00	119.89	3.26	116.63

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Water exposed surfaces - 3x daily
 Percent Reduction (ROG 0.0% NOx 0.0% CO 0.0% SO2 0.0% PM10 50.0%)
 Phase 3 - Building Construction Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Oct '07
 Phase 2 Duration: 3 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	4.0
1	Crushing/Processing Equip	154	0.780	6.0
2	Excavators	180	0.580	6.0
3	Off Highway Trucks	417	0.490	4.0
2	Other Equipment	190	0.620	4.0
1	Tractor/Loaders/Backhoes	79	0.465	5.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Site Grading Fugitive Dust Option changed from Level 1 to Level 2

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 3x daily
has been changed from off to on.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2007\Site Grading and Preparation
 Project Name: Township 9 Site Grading and Preparation
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: October, 2007
 Construction Duration: 3
 Total Land Use Area to be Developed: 65 acres
 Maximum Acreage Disturbed Per Day: 7 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2007***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	7.70	-	7.70
Off-Road Diesel	0.42	2.78	3.41	-	0.11	0.11	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.01	0.01	0.12	0.00	0.00	0.00	0.00
Total tons/year	0.43	2.79	3.53	0.00	7.81	0.11	7.70
Phase 3 - Building Construction							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total all phases tons/yr	0.43	2.79	3.53	0.00	7.81	0.11	7.70

Phase 3 - Building Construction Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Oct '07
 Phase 2 Duration: 3 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	4.0
1	Crushing/Processing Equip	154	0.780	6.0
2	Excavators	180	0.580	6.0
3	Off Highway Trucks	417	0.490	4.0
2	Other Equipment	190	0.620	4.0
1	Tractor/Loaders/Backhoes	79	0.465	5.0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2007***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							

Fugitive Dust	-	-	-	-	3.85	-	3.85
Off-Road Diesel	0.42	2.78	3.41	-	0.11	0.11	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.01	0.01	0.12	0.00	0.00	0.00	0.00
Total tons/year	0.43	2.79	3.53	0.00	3.96	0.11	3.85

Phase 3 - Building Construction

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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Total all phases tons/yr	0.43	2.79	3.53	0.00	3.96	0.11	3.85
--------------------------	------	------	------	------	------	------	------

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Water exposed surfaces - 3x daily
 Percent Reduction (ROG 0.0% NOx 0.0% CO 0.0% SO2 0.0% PM10 50.0%)
 Phase 3 - Building Construction Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Oct '07
 Phase 2 Duration: 3 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	4.0
1	Crushing/Processing Equip	154	0.780	6.0
2	Excavators	180	0.580	6.0
3	Off Highway Trucks	417	0.490	4.0
2	Other Equipment	190	0.620	4.0
1	Tractor/Loaders/Backhoes	79	0.465	5.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Site Grading Fugitive Dust Option changed from Level 1 to Level 2

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 3x daily
has been changed from off to on.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 1 Site Grading.urb
Project Name: Township 9 Phase 1 Site Grading
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008 ***							
TOTALS (lbs/day, unmitigated)	7.56	49.63	62.63	0.00	11.92	1.91	10.01
TOTALS (lbs/day, mitigated)	7.56	49.63	62.63	0.00	8.52	1.91	6.61

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 1 Site Grading.urb
Project Name: Township 9 Phase 1 Site Grading
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008 ***							
TOTALS (lbs/day, unmitigated)	7.56	49.63	62.63	0.00	11.92	1.91	10.01
TOTALS (lbs/day, mitigated)	7.56	49.63	62.63	0.00	8.52	1.91	6.61

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 1 Site Grading.urb
Project Name: Township 9 Phase 1 Site Grading
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008 ***							
TOTALS (tpy, unmitigated)	0.31	2.02	2.53	0.00	0.45	0.07	0.38
TOTALS (tpy, mitigated)	0.31	2.02	2.53	0.00	0.32	0.07	0.25

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 1 Site Grading.urb
 Project Name: Township 9 Phase 1 Site Grading
 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: January, 2008
 Construction Duration: 4
 Total Land Use Area to be Developed: 1 acres
 Maximum Acreage Disturbed Per Day: 1 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	10.00	-	10.00
Off-Road Diesel	7.43	49.38	59.84	-	1.90	1.90	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.13	0.25	2.79	0.00	0.02	0.01	0.01
Maximum lbs/day	7.56	49.63	62.63	0.00	11.92	1.91	10.01
Phase 3 - Building Construction							
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	0.12	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	20.08	23.26	-	0.78	0.78	0.00
Asphalt On-Road Diesel	0.02	0.28	0.06	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.03	0.01	0.30	0.00	0.00	0.00	0.00
Maximum lbs/day	3.10	20.37	23.62	0.00	0.79	0.79	0.00
Max lbs/day all phases	7.56	49.63	62.63	0.00	11.92	1.91	10.01

Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Jan '08
 Phase 2 Duration: 3.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Excavators	180	0.580	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	5.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Apr '08
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Apr '08
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 0.5
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	6.60	-	6.60
Off-Road Diesel	7.43	49.38	59.84	-	1.90	1.90	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.13	0.25	2.79	0.00	0.02	0.01	0.01
Maximum lbs/day	7.56	49.63	62.63	0.00	8.52	1.91	6.61
Phase 3 - Building Construction							
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	0.12	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	20.08	23.26	-	0.78	0.78	0.00
Asphalt On-Road Diesel	0.02	0.28	0.06	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.03	0.01	0.30	0.00	0.00	0.00	0.00
Maximum lbs/day	3.10	20.37	23.62	0.00	0.79	0.79	0.00
Max lbs/day all phases	7.56	49.63	62.63	0.00	8.52	1.91	6.61

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Water exposed surfaces - 2x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% SO2 0.0% PM10 34.0%)
 Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Jan '08
 Phase 2 Duration: 3.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Excavators	180	0.580	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	5.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Apr '08
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Apr '08
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 0.5
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 2x daily
has been changed from off to on.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 1 Site Grading.urb
 Project Name: Township 9 Phase 1 Site Grading
 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: January, 2008
 Construction Duration: 4
 Total Land Use Area to be Developed: 1 acres
 Maximum Acreage Disturbed Per Day: 1 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	10.00	-	10.00
Off-Road Diesel	7.43	49.38	59.84	-	1.90	1.90	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.13	0.25	2.79	0.00	0.02	0.01	0.01
Maximum lbs/day	7.56	49.63	62.63	0.00	11.92	1.91	10.01
Phase 3 - Building Construction							
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	0.12	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	20.08	23.26	-	0.78	0.78	0.00
Asphalt On-Road Diesel	0.02	0.28	0.06	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.03	0.01	0.30	0.00	0.00	0.00	0.00
Maximum lbs/day	3.10	20.37	23.62	0.00	0.79	0.79	0.00
Max lbs/day all phases	7.56	49.63	62.63	0.00	11.92	1.91	10.01

Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Jan '08
 Phase 2 Duration: 3.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Excavators	180	0.580	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	5.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Apr '08
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Apr '08
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 0.5
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	6.60	-	6.60
Off-Road Diesel	7.43	49.38	59.84	-	1.90	1.90	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.13	0.25	2.79	0.00	0.02	0.01	0.01
Maximum lbs/day	7.56	49.63	62.63	0.00	8.52	1.91	6.61
Phase 3 - Building Construction							
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	0.12	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	20.08	23.26	-	0.78	0.78	0.00
Asphalt On-Road Diesel	0.02	0.28	0.06	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.03	0.01	0.30	0.00	0.00	0.00	0.00
Maximum lbs/day	3.10	20.37	23.62	0.00	0.79	0.79	0.00
Max lbs/day all phases	7.56	49.63	62.63	0.00	8.52	1.91	6.61

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Water exposed surfaces - 2x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% SO2 0.0% PM10 34.0%)
 Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Jan '08
 Phase 2 Duration: 3.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Excavators	180	0.580	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	5.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Apr '08
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Apr '08
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 0.5
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 2x daily
has been changed from off to on.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 1 Site Grading.urb
 Project Name: Township 9 Phase 1 Site Grading
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2008
 Construction Duration: 4
 Total Land Use Area to be Developed: 1 acres
 Maximum Acreage Disturbed Per Day: 1 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.39	-	0.38
Off-Road Diesel	0.29	1.90	2.30	-	0.07	0.07	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.01	0.10	0.00	0.00	0.00	0.00
Total tons/year	0.29	1.91	2.40	0.00	0.45	0.07	0.38
Phase 3 - Building Construction							
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	0.02	0.11	0.13	-	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
Total tons/year	0.02	0.11	0.13	0.00	0.00	0.00	0.00
Total all phases tons/yr	0.31	2.02	2.53	0.00	0.45	0.07	0.38

Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Jan '08
 Phase 2 Duration: 3.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Excavators	180	0.580	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	5.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Apr '08
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Apr '08
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 0.5
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.25	-	0.25
Off-Road Diesel	0.29	1.90	2.30	-	0.07	0.07	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.01	0.10	0.00	0.00	0.00	0.00
Total tons/year	0.29	1.91	2.40	0.00	0.32	0.07	0.25
Phase 3 - Building Construction							
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	0.02	0.11	0.13	-	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
Total tons/year	0.02	0.11	0.13	0.00	0.00	0.00	0.00
Total all phases tons/yr	0.31	2.02	2.53	0.00	0.32	0.07	0.25

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Water exposed surfaces - 2x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% SO2 0.0% PM10 34.0%)
 Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Jan '08
 Phase 2 Duration: 3.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Excavators	180	0.580	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	5.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Apr '08
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Apr '08
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 0.5
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 2x daily
has been changed from off to on.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 2 Site Grading and
Project Name: Township 9 Phase 2 Site Grading and Improvements
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008 ***							
TOTALS (lbs/day, unmitigated)	7.64	50.13	63.43	0.00	11.94	1.93	10.01
TOTALS (lbs/day, mitigated)	7.64	50.13	63.43	0.00	8.54	1.93	6.61

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 2 Site Grading and
Project Name: Township 9 Phase 2 Site Grading and Improvements
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008 ***							
TOTALS (lbs/day, unmitigated)	7.64	50.13	63.43	0.00	11.94	1.93	10.01
TOTALS (lbs/day, mitigated)	7.64	50.13	63.43	0.00	8.54	1.93	6.61

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 2 Site Grading and
Project Name: Township 9 Phase 2 Site Grading and Improvements
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008 ***							
TOTALS (tpy, unmitigated)	0.48	3.14	3.96	0.00	0.73	0.12	0.61
TOTALS (tpy, mitigated)	0.48	3.14	3.96	0.00	0.52	0.12	0.40

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 2 Site Grading and
 Project Name: Township 9 Phase 2 Site Grading and Improvements
 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: May, 2008
 Construction Duration: 6
 Total Land Use Area to be Developed: 1 acres
 Maximum Acreage Disturbed Per Day: 1 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	10.00	-	10.00
Off-Road Diesel	7.51	49.97	60.46	-	1.92	1.92	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.13	0.16	2.97	0.00	0.02	0.01	0.01
Maximum lbs/day	7.64	50.13	63.43	0.00	11.94	1.93	10.01
Phase 3 - Building Construction							
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	0.24	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	20.08	23.26	-	0.78	0.78	0.00
Asphalt On-Road Diesel	0.03	0.68	0.13	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.03	0.02	0.36	0.00	0.00	0.00	0.00
Maximum lbs/day	3.24	20.77	23.75	0.00	0.81	0.80	0.01
Max lbs/day all phases	7.64	50.13	63.43	0.00	11.94	1.93	10.01

Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: May '08
 Phase 2 Duration: 5.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Excavators	180	0.580	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	5.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	5.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Oct '08
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Oct '08
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	6.60	-	6.60
Off-Road Diesel	7.51	49.97	60.46	-	1.92	1.92	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.13	0.16	2.97	0.00	0.02	0.01	0.01
Maximum lbs/day	7.64	50.13	63.43	0.00	8.54	1.93	6.61
Phase 3 - Building Construction							
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	0.24	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	20.08	23.26	-	0.78	0.78	0.00
Asphalt On-Road Diesel	0.03	0.68	0.13	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.03	0.02	0.36	0.00	0.00	0.00	0.00
Maximum lbs/day	3.24	20.77	23.75	0.00	0.81	0.80	0.01
Max lbs/day all phases	7.64	50.13	63.43	0.00	8.54	1.93	6.61

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Water exposed surfaces - 2x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% SO2 0.0% PM10 34.0%)
 Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: May '08
 Phase 2 Duration: 5.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Excavators	180	0.580	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	5.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	5.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Oct '08
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Oct '08
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 2x daily
has been changed from off to on.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 2 Site Grading and
 Project Name: Township 9 Phase 2 Site Grading and Improvements
 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: May, 2008
 Construction Duration: 6
 Total Land Use Area to be Developed: 1 acres
 Maximum Acreage Disturbed Per Day: 1 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	10.00	-	10.00
Off-Road Diesel	7.51	49.97	60.46	-	1.92	1.92	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.13	0.16	2.97	0.00	0.02	0.01	0.01
Maximum lbs/day	7.64	50.13	63.43	0.00	11.94	1.93	10.01
Phase 3 - Building Construction							
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	0.24	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	20.08	23.26	-	0.78	0.78	0.00
Asphalt On-Road Diesel	0.03	0.68	0.13	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.03	0.02	0.36	0.00	0.00	0.00	0.00
Maximum lbs/day	3.24	20.77	23.75	0.00	0.81	0.80	0.01
Max lbs/day all phases	7.64	50.13	63.43	0.00	11.94	1.93	10.01

Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: May '08
 Phase 2 Duration: 5.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Excavators	180	0.580	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	5.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	5.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Oct '08
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Oct '08
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	6.60	-	6.60
Off-Road Diesel	7.51	49.97	60.46	-	1.92	1.92	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.13	0.16	2.97	0.00	0.02	0.01	0.01
Maximum lbs/day	7.64	50.13	63.43	0.00	8.54	1.93	6.61
Phase 3 - Building Construction							
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	0.24	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	20.08	23.26	-	0.78	0.78	0.00
Asphalt On-Road Diesel	0.03	0.68	0.13	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.03	0.02	0.36	0.00	0.00	0.00	0.00
Maximum lbs/day	3.24	20.77	23.75	0.00	0.81	0.80	0.01
Max lbs/day all phases	7.64	50.13	63.43	0.00	8.54	1.93	6.61

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Water exposed surfaces - 2x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% SO2 0.0% PM10 34.0%)
 Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: May '08
 Phase 2 Duration: 5.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Excavators	180	0.580	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	5.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	5.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Oct '08
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Oct '08
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 2x daily
has been changed from off to on.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 2 Site Grading and
 Project Name: Township 9 Phase 2 Site Grading and Improvements
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: May, 2008
 Construction Duration: 6
 Total Land Use Area to be Developed: 1 acres
 Maximum Acreage Disturbed Per Day: 1 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.61	-	0.61
Off-Road Diesel	0.45	3.02	3.66	-	0.12	0.12	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.01	0.01	0.17	0.00	0.00	0.00	0.00
Total tons/year	0.46	3.03	3.83	0.00	0.73	0.12	0.61
Phase 3 - Building Construction							
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	0.02	0.11	0.13	-	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
Total tons/year	0.02	0.11	0.13	0.00	0.00	0.00	0.00
Total all phases tons/yr	0.48	3.14	3.96	0.00	0.73	0.12	0.61

Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: May '08
 Phase 2 Duration: 5.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Excavators	180	0.580	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	5.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	5.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Oct '08
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Oct '08
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.40	-	0.40
Off-Road Diesel	0.45	3.02	3.66	-	0.12	0.12	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.01	0.01	0.17	0.00	0.00	0.00	0.00
Total tons/year	0.46	3.03	3.83	0.00	0.52	0.12	0.40
Phase 3 - Building Construction							
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	0.02	0.11	0.13	-	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
Total tons/year	0.02	0.11	0.13	0.00	0.00	0.00	0.00
Total all phases tons/yr	0.48	3.14	3.96	0.00	0.52	0.12	0.40

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Water exposed surfaces - 2x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% SO2 0.0% PM10 34.0%)
 Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: May '08
 Phase 2 Duration: 5.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Excavators	180	0.580	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	5.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	5.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Oct '08
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Oct '08
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 2x daily
has been changed from off to on.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 11 Constr
Project Name: Township 9 Phase 2 Parcel 11 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (lbs/day,unmitigated)	3.94	20.60	41.68	0.01	0.65	0.61	0.04

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	133.40	20.35	43.34	0.01	0.63	0.55	0.08

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 11 Constr
Project Name: Township 9 Phase 2 Parcel 11 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (lbs/day,unmitigated)	3.94	20.60	41.68	0.01	0.65	0.61	0.04

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	133.40	20.35	43.34	0.01	0.63	0.55	0.08

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 11 Constr
Project Name: Township 9 Phase 2 Parcel 11 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (tpy, unmitigated)	0.51	2.72	5.43	0.00	0.09	0.08	0.01
*** 2010 ***							
TOTALS (tpy, unmitigated)	3.01	0.89	1.87	0.00	0.02	0.02	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 11 Construction
 Project Name: Township 9 Phase 2 Parcel 11 Construction
 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: January, 2009
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 134
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.38	27.97	-	0.58	0.58	0.00
Bldg Const Worker Trips	0.65	1.22	13.71	0.01	0.07	0.03	0.04
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	3.94	20.60	41.68	0.01	0.65	0.61	0.04
Max lbs/day all phases	3.94	20.60	41.68	0.01	0.65	0.61	0.04
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.63	1.20	13.45	0.01	0.07	0.03	0.04
Arch Coatings Off-Gas	129.30	-	-	-	-	-	-
Arch Coatings Worker Trips	0.20	0.10	2.45	0.00	0.04	0.00	0.04
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	133.40	20.35	43.34	0.01	0.63	0.55	0.08
Max lbs/day all phases	133.40	20.35	43.34	0.01	0.63	0.55	0.08

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '09

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '09

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '10

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 11 Construction
 Project Name: Township 9 Phase 2 Parcel 11 Construction
 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: January, 2009
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 134
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.38	27.97	-	0.58	0.58	0.00
Bldg Const Worker Trips	0.65	1.22	13.71	0.01	0.07	0.03	0.04
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	3.94	20.60	41.68	0.01	0.65	0.61	0.04
Max lbs/day all phases	3.94	20.60	41.68	0.01	0.65	0.61	0.04
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.63	1.20	13.45	0.01	0.07	0.03	0.04
Arch Coatings Off-Gas	129.30	-	-	-	-	-	-
Arch Coatings Worker Trips	0.20	0.10	2.45	0.00	0.04	0.00	0.04
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	133.40	20.35	43.34	0.01	0.63	0.55	0.08
Max lbs/day all phases	133.40	20.35	43.34	0.01	0.63	0.55	0.08

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '09

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '09

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '10

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 11 Construction
 Project Name: Township 9 Phase 2 Parcel 11 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2009
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 134
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.43	2.56	3.69	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.08	0.16	1.74	0.00	0.01	0.00	0.01
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
Total tons/year	0.51	2.72	5.43	0.00	0.09	0.08	0.01
Total all phases tons/yr	0.51	2.72	5.43	0.00	0.09	0.08	0.01
*** 2010***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.14	0.84	1.23	-	0.02	0.02	0.00
Bldg Const Worker Trips	0.03	0.05	0.59	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	2.84	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.05	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
Total tons/year	3.01	0.89	1.87	0.00	0.02	0.02	0.00
Total all phases tons/yr	3.01	0.89	1.87	0.00	0.02	0.02	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '09

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '09

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '10

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 11 Constr
Project Name: Township 9 Phase 2 Parcel 11 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (lbs/day,unmitigated)	3.94	20.60	41.68	0.01	0.65	0.61	0.04

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	133.40	20.35	43.34	0.01	0.63	0.55	0.08

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 11 Constr
Project Name: Township 9 Phase 2 Parcel 11 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (lbs/day,unmitigated)	3.94	20.60	41.68	0.01	0.65	0.61	0.04

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	133.40	20.35	43.34	0.01	0.63	0.55	0.08

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 11 Constr
Project Name: Township 9 Phase 2 Parcel 11 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (tpy, unmitigated)	0.51	2.72	5.43	0.00	0.09	0.08	0.01

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (tpy, unmitigated)	3.01	0.89	1.87	0.00	0.02	0.02	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 11 Construction
 Project Name: Township 9 Phase 2 Parcel 11 Construction
 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: January, 2009
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 134
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.38	27.97	-	0.58	0.58	0.00
Bldg Const Worker Trips	0.65	1.22	13.71	0.01	0.07	0.03	0.04
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	3.94	20.60	41.68	0.01	0.65	0.61	0.04
Max lbs/day all phases	3.94	20.60	41.68	0.01	0.65	0.61	0.04
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.63	1.20	13.45	0.01	0.07	0.03	0.04
Arch Coatings Off-Gas	129.30	-	-	-	-	-	-
Arch Coatings Worker Trips	0.20	0.10	2.45	0.00	0.04	0.00	0.04
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	133.40	20.35	43.34	0.01	0.63	0.55	0.08
Max lbs/day all phases	133.40	20.35	43.34	0.01	0.63	0.55	0.08

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '09

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '09

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '10

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 11 Construction
 Project Name: Township 9 Phase 2 Parcel 11 Construction
 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: January, 2009
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 134
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.38	27.97	-	0.58	0.58	0.00
Bldg Const Worker Trips	0.65	1.22	13.71	0.01	0.07	0.03	0.04
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	3.94	20.60	41.68	0.01	0.65	0.61	0.04
Max lbs/day all phases	3.94	20.60	41.68	0.01	0.65	0.61	0.04
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.63	1.20	13.45	0.01	0.07	0.03	0.04
Arch Coatings Off-Gas	129.30	-	-	-	-	-	-
Arch Coatings Worker Trips	0.20	0.10	2.45	0.00	0.04	0.00	0.04
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	133.40	20.35	43.34	0.01	0.63	0.55	0.08
Max lbs/day all phases	133.40	20.35	43.34	0.01	0.63	0.55	0.08

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '09

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '09

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '10

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 11 Construction
 Project Name: Township 9 Phase 2 Parcel 11 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2009
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 134
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.43	2.56	3.69	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.08	0.16	1.74	0.00	0.01	0.00	0.01
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
Total tons/year	0.51	2.72	5.43	0.00	0.09	0.08	0.01
Total all phases tons/yr	0.51	2.72	5.43	0.00	0.09	0.08	0.01
*** 2010***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.14	0.84	1.23	-	0.02	0.02	0.00
Bldg Const Worker Trips	0.03	0.05	0.59	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	2.84	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.05	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
Total tons/year	3.01	0.89	1.87	0.00	0.02	0.02	0.00
Total all phases tons/yr	3.01	0.89	1.87	0.00	0.02	0.02	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '09

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '09

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '10

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 12 Constr
Project Name: Township 9 Phase 2 Parcel 12 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (lbs/day,unmitigated)	3.89	20.11	41.45	0.01	0.64	0.60	0.04

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	123.73	19.93	43.97	0.01	0.63	0.55	0.08

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 12 Constr
Project Name: Township 9 Phase 2 Parcel 12 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (lbs/day,unmitigated)	3.89	20.11	41.45	0.01	0.64	0.60	0.04

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	123.73	19.93	43.97	0.01	0.63	0.55	0.08

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 12 Constr
Project Name: Township 9 Phase 2 Parcel 12 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (tpy, unmitigated)	0.26	1.33	2.69	0.00	0.04	0.04	0.00

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (tpy, unmitigated)	3.05	2.18	4.56	0.00	0.06	0.06	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 12 Construction
 Project Name: Township 9 Phase 2 Parcel 12 Construction
 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: July, 2009
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 124
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.38	27.97	-	0.58	0.58	0.00
Bldg Const Worker Trips	0.60	0.73	13.48	0.01	0.06	0.02	0.04
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	3.89	20.11	41.45	0.01	0.64	0.60	0.04
Max lbs/day all phases	3.89	20.11	41.45	0.01	0.64	0.60	0.04
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.58	0.72	13.24	0.01	0.06	0.02	0.04
Arch Coatings Off-Gas	119.65	-	-	-	-	-	-
Arch Coatings Worker Trips	0.21	0.13	2.76	0.00	0.04	0.00	0.04
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	123.73	19.93	43.97	0.01	0.63	0.55	0.08
Max lbs/day all phases	123.73	19.93	43.97	0.01	0.63	0.55	0.08

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '09

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '09

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '10

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 12 Construction
 Project Name: Township 9 Phase 2 Parcel 12 Construction
 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: July, 2009
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 124
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.38	27.97	-	0.58	0.58	0.00
Bldg Const Worker Trips	0.60	0.73	13.48	0.01	0.06	0.02	0.04
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	3.89	20.11	41.45	0.01	0.64	0.60	0.04
Max lbs/day all phases	3.89	20.11	41.45	0.01	0.64	0.60	0.04
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.58	0.72	13.24	0.01	0.06	0.02	0.04
Arch Coatings Off-Gas	119.65	-	-	-	-	-	-
Arch Coatings Worker Trips	0.21	0.13	2.76	0.00	0.04	0.00	0.04
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	123.73	19.93	43.97	0.01	0.63	0.55	0.08
Max lbs/day all phases	123.73	19.93	43.97	0.01	0.63	0.55	0.08

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '09

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '09

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '10

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 12 Construction
 Project Name: Township 9 Phase 2 Parcel 12 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2009
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 124
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.22	1.28	1.85	-	0.04	0.04	0.00
Bldg Const Worker Trips	0.04	0.05	0.84	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
Total tons/year	0.26	1.33	2.69	0.00	0.04	0.04	0.00
Total all phases tons/yr	0.26	1.33	2.69	0.00	0.04	0.04	0.00
*** 2010***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.36	2.10	3.08	-	0.06	0.06	0.00
Bldg Const Worker Trips	0.06	0.08	1.42	0.00	0.01	0.00	0.00
Arch Coatings Off-Gas	2.63	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.06	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
Total tons/year	3.05	2.18	4.56	0.00	0.06	0.06	0.00
Total all phases tons/yr	3.05	2.18	4.56	0.00	0.06	0.06	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '09

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '09

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '10

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 12 Constr
Project Name: Township 9 Phase 2 Parcel 12 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (lbs/day,unmitigated)	3.89	20.11	41.45	0.01	0.64	0.60	0.04

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	123.73	19.93	43.97	0.01	0.63	0.55	0.08

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 12 Constr
Project Name: Township 9 Phase 2 Parcel 12 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (lbs/day,unmitigated)	3.89	20.11	41.45	0.01	0.64	0.60	0.04

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	123.73	19.93	43.97	0.01	0.63	0.55	0.08

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 12 Constr
Project Name: Township 9 Phase 2 Parcel 12 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (tpy, unmitigated)	0.26	1.33	2.69	0.00	0.04	0.04	0.00

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (tpy, unmitigated)	3.05	2.18	4.56	0.00	0.06	0.06	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 12 Construction
 Project Name: Township 9 Phase 2 Parcel 12 Construction
 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: July, 2009
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 124
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.38	27.97	-	0.58	0.58	0.00
Bldg Const Worker Trips	0.60	0.73	13.48	0.01	0.06	0.02	0.04
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	3.89	20.11	41.45	0.01	0.64	0.60	0.04
Max lbs/day all phases	3.89	20.11	41.45	0.01	0.64	0.60	0.04
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.58	0.72	13.24	0.01	0.06	0.02	0.04
Arch Coatings Off-Gas	119.65	-	-	-	-	-	-
Arch Coatings Worker Trips	0.21	0.13	2.76	0.00	0.04	0.00	0.04
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	123.73	19.93	43.97	0.01	0.63	0.55	0.08
Max lbs/day all phases	123.73	19.93	43.97	0.01	0.63	0.55	0.08

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '09

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '09

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '10

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 12 Construction
 Project Name: Township 9 Phase 2 Parcel 12 Construction
 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: July, 2009
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 124
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.38	27.97	-	0.58	0.58	0.00
Bldg Const Worker Trips	0.60	0.73	13.48	0.01	0.06	0.02	0.04
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	3.89	20.11	41.45	0.01	0.64	0.60	0.04
Max lbs/day all phases	3.89	20.11	41.45	0.01	0.64	0.60	0.04
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.58	0.72	13.24	0.01	0.06	0.02	0.04
Arch Coatings Off-Gas	119.65	-	-	-	-	-	-
Arch Coatings Worker Trips	0.21	0.13	2.76	0.00	0.04	0.00	0.04
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	123.73	19.93	43.97	0.01	0.63	0.55	0.08
Max lbs/day all phases	123.73	19.93	43.97	0.01	0.63	0.55	0.08

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '09

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '09

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '10

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 12 Construction
 Project Name: Township 9 Phase 2 Parcel 12 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2009
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 124
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.22	1.28	1.85	-	0.04	0.04	0.00
Bldg Const Worker Trips	0.04	0.05	0.84	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
Total tons/year	0.26	1.33	2.69	0.00	0.04	0.04	0.00
Total all phases tons/yr	0.26	1.33	2.69	0.00	0.04	0.04	0.00
*** 2010***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.36	2.10	3.08	-	0.06	0.06	0.00
Bldg Const Worker Trips	0.06	0.08	1.42	0.00	0.01	0.00	0.00
Arch Coatings Off-Gas	2.63	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.06	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
Total tons/year	3.05	2.18	4.56	0.00	0.06	0.06	0.00
Total all phases tons/yr	3.05	2.18	4.56	0.00	0.06	0.06	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '09

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '09

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '10

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 11 Constr
Project Name: Township 9 Phase 2 Parcel 11 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (lbs/day,unmitigated)	3.94	20.60	41.68	0.01	0.65	0.61	0.04
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	133.40	20.35	43.34	0.01	0.63	0.55	0.08

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 11 Constr
Project Name: Township 9 Phase 2 Parcel 11 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (lbs/day,unmitigated)	3.94	20.60	41.68	0.01	0.65	0.61	0.04

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	133.40	20.35	43.34	0.01	0.63	0.55	0.08

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 11 Constr
Project Name: Township 9 Phase 2 Parcel 11 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (tpy, unmitigated)	0.51	2.72	5.43	0.00	0.09	0.08	0.01
*** 2010 ***							
TOTALS (tpy, unmitigated)	3.01	0.89	1.87	0.00	0.02	0.02	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 11 Construction
 Project Name: Township 9 Phase 2 Parcel 11 Construction
 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: January, 2009
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 134
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.38	27.97	-	0.58	0.58	0.00
Bldg Const Worker Trips	0.65	1.22	13.71	0.01	0.07	0.03	0.04
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	3.94	20.60	41.68	0.01	0.65	0.61	0.04
Max lbs/day all phases	3.94	20.60	41.68	0.01	0.65	0.61	0.04
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.63	1.20	13.45	0.01	0.07	0.03	0.04
Arch Coatings Off-Gas	129.30	-	-	-	-	-	-
Arch Coatings Worker Trips	0.20	0.10	2.45	0.00	0.04	0.00	0.04
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	133.40	20.35	43.34	0.01	0.63	0.55	0.08
Max lbs/day all phases	133.40	20.35	43.34	0.01	0.63	0.55	0.08

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '09

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '09

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '10

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 11 Construction
 Project Name: Township 9 Phase 2 Parcel 11 Construction
 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: January, 2009
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 134
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.38	27.97	-	0.58	0.58	0.00
Bldg Const Worker Trips	0.65	1.22	13.71	0.01	0.07	0.03	0.04
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	3.94	20.60	41.68	0.01	0.65	0.61	0.04
Max lbs/day all phases	3.94	20.60	41.68	0.01	0.65	0.61	0.04
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.63	1.20	13.45	0.01	0.07	0.03	0.04
Arch Coatings Off-Gas	129.30	-	-	-	-	-	-
Arch Coatings Worker Trips	0.20	0.10	2.45	0.00	0.04	0.00	0.04
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	133.40	20.35	43.34	0.01	0.63	0.55	0.08
Max lbs/day all phases	133.40	20.35	43.34	0.01	0.63	0.55	0.08

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '09

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '09

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '10

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 11 Construction
 Project Name: Township 9 Phase 2 Parcel 11 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2009
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 134
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.43	2.56	3.69	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.08	0.16	1.74	0.00	0.01	0.00	0.01
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
Total tons/year	0.51	2.72	5.43	0.00	0.09	0.08	0.01
Total all phases tons/yr	0.51	2.72	5.43	0.00	0.09	0.08	0.01
*** 2010***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.14	0.84	1.23	-	0.02	0.02	0.00
Bldg Const Worker Trips	0.03	0.05	0.59	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	2.84	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.05	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
Total tons/year	3.01	0.89	1.87	0.00	0.02	0.02	0.00
Total all phases tons/yr	3.01	0.89	1.87	0.00	0.02	0.02	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '09

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '09

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '10

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 12 Constr
Project Name: Township 9 Phase 2 Parcel 12 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (lbs/day,unmitigated)	3.89	20.11	41.45	0.01	0.64	0.60	0.04

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	123.73	19.93	43.97	0.01	0.63	0.55	0.08

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 12 Constr
Project Name: Township 9 Phase 2 Parcel 12 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (lbs/day,unmitigated)	3.89	20.11	41.45	0.01	0.64	0.60	0.04

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	123.73	19.93	43.97	0.01	0.63	0.55	0.08

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 12 Constr
Project Name: Township 9 Phase 2 Parcel 12 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (tpy, unmitigated)	0.26	1.33	2.69	0.00	0.04	0.04	0.00
*** 2010 ***							
TOTALS (tpy, unmitigated)	3.05	2.18	4.56	0.00	0.06	0.06	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 12 Construction
 Project Name: Township 9 Phase 2 Parcel 12 Construction
 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: July, 2009
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 124
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.38	27.97	-	0.58	0.58	0.00
Bldg Const Worker Trips	0.60	0.73	13.48	0.01	0.06	0.02	0.04
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	3.89	20.11	41.45	0.01	0.64	0.60	0.04
Max lbs/day all phases	3.89	20.11	41.45	0.01	0.64	0.60	0.04
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.58	0.72	13.24	0.01	0.06	0.02	0.04
Arch Coatings Off-Gas	119.65	-	-	-	-	-	-
Arch Coatings Worker Trips	0.21	0.13	2.76	0.00	0.04	0.00	0.04
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	123.73	19.93	43.97	0.01	0.63	0.55	0.08
Max lbs/day all phases	123.73	19.93	43.97	0.01	0.63	0.55	0.08

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '09

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '09

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '10

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 12 Construction
 Project Name: Township 9 Phase 2 Parcel 12 Construction
 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: July, 2009
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 124
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.38	27.97	-	0.58	0.58	0.00
Bldg Const Worker Trips	0.60	0.73	13.48	0.01	0.06	0.02	0.04
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	3.89	20.11	41.45	0.01	0.64	0.60	0.04
Max lbs/day all phases	3.89	20.11	41.45	0.01	0.64	0.60	0.04
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.58	0.72	13.24	0.01	0.06	0.02	0.04
Arch Coatings Off-Gas	119.65	-	-	-	-	-	-
Arch Coatings Worker Trips	0.21	0.13	2.76	0.00	0.04	0.00	0.04
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	123.73	19.93	43.97	0.01	0.63	0.55	0.08
Max lbs/day all phases	123.73	19.93	43.97	0.01	0.63	0.55	0.08

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '09

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '09

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '10

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 2 Parcel 12 Construction
 Project Name: Township 9 Phase 2 Parcel 12 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2009
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 124
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.22	1.28	1.85	-	0.04	0.04	0.00
Bldg Const Worker Trips	0.04	0.05	0.84	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
Total tons/year	0.26	1.33	2.69	0.00	0.04	0.04	0.00
Total all phases tons/yr	0.26	1.33	2.69	0.00	0.04	0.04	0.00
*** 2010***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.36	2.10	3.08	-	0.06	0.06	0.00
Bldg Const Worker Trips	0.06	0.08	1.42	0.00	0.01	0.00	0.00
Arch Coatings Off-Gas	2.63	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.06	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
Total tons/year	3.05	2.18	4.56	0.00	0.06	0.06	0.00
Total all phases tons/yr	3.05	2.18	4.56	0.00	0.06	0.06	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '09

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '09

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '10

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 3 Site Grading and
Project Name: Township 9 Phase 3 Site Grading and Improvements
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008 ***							
TOTALS (lbs/day, unmitigated)	6.11	40.50	50.52	0.00	11.60	1.59	10.01
TOTALS (lbs/day, mitigated)	6.11	40.50	50.52	0.00	8.20	1.59	6.61
*** 2009 ***							
TOTALS (lbs/day, unmitigated)	6.11	38.94	51.45	0.00	11.46	1.45	10.01
TOTALS (lbs/day, mitigated)	6.11	38.94	51.45	0.00	8.06	1.45	6.61

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 3 Site Grading and
Project Name: Township 9 Phase 3 Site Grading and Improvements
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008 ***							
TOTALS (lbs/day, unmitigated)	6.11	40.50	50.52	0.00	11.60	1.59	10.01
TOTALS (lbs/day, mitigated)	6.11	40.50	50.52	0.00	8.20	1.59	6.61
*** 2009 ***							
TOTALS (lbs/day, unmitigated)	6.11	38.94	51.45	0.00	11.46	1.45	10.01
TOTALS (lbs/day, mitigated)	6.11	38.94	51.45	0.00	8.06	1.45	6.61

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 3 Site Grading and
Project Name: Township 9 Phase 3 Site Grading and Improvements
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008 ***							
TOTALS (tpy, unmitigated)	0.13	0.89	1.11	0.00	0.25	0.03	0.22
TOTALS (tpy, mitigated)	0.13	0.89	1.11	0.00	0.18	0.03	0.15
*** 2009 ***							
TOTALS (tpy, unmitigated)	0.25	1.61	2.11	0.00	0.44	0.06	0.38
TOTALS (tpy, mitigated)	0.25	1.61	2.11	0.00	0.31	0.06	0.25

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 3 Site Grading and
 Project Name: Township 9 Phase 3 Site Grading and Improvements
 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: November, 2008
 Construction Duration: 6
 Total Land Use Area to be Developed: 1 acres
 Maximum Acreage Disturbed Per Day: 1 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	10.00	-	10.00
Off-Road Diesel	5.99	40.28	48.04	-	1.59	1.59	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.22	2.48	0.00	0.01	0.00	0.01
Maximum lbs/day	6.11	40.50	50.52	0.00	11.60	1.59	10.01
Phase 3 - Building Construction							
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	6.11	40.50	50.52	0.00	11.60	1.59	10.01
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	10.00	-	10.00
Off-Road Diesel	5.99	38.72	49.01	-	1.45	1.45	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.22	2.44	0.00	0.01	0.00	0.01
Maximum lbs/day	6.11	38.94	51.45	0.00	11.46	1.45	10.01
Phase 3 - Building Construction							
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	0.24	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	19.29	23.84	-	0.74	0.74	0.00
Asphalt On-Road Diesel	0.03	0.51	0.12	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.02	0.01	0.28	0.00	0.00	0.00	0.00
Maximum lbs/day	3.23	19.81	24.23	0.00	0.76	0.75	0.01
Max lbs/day all phases	6.11	38.94	51.45	0.00	11.46	1.45	10.01

Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Nov '08
 Phase 2 Duration: 5.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	4.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Apr '09
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Apr '09
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	6.60	-	6.60
Off-Road Diesel	5.99	40.28	48.04	-	1.59	1.59	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.22	2.48	0.00	0.01	0.00	0.01
Maximum lbs/day	6.11	40.50	50.52	0.00	8.20	1.59	6.61
Phase 3 - Building Construction							
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	6.11	40.50	50.52	0.00	8.20	1.59	6.61

*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	6.60	-	6.60
Off-Road Diesel	5.99	38.72	49.01	-	1.45	1.45	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.22	2.44	0.00	0.01	0.00	0.01
Maximum lbs/day	6.11	38.94	51.45	0.00	8.06	1.45	6.61
Phase 3 - Building Construction							
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	0.24	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	19.29	23.84	-	0.74	0.74	0.00
Asphalt On-Road Diesel	0.03	0.51	0.12	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.02	0.01	0.28	0.00	0.00	0.00	0.00
Maximum lbs/day	3.23	19.81	24.23	0.00	0.76	0.75	0.01
Max lbs/day all phases	6.11	38.94	51.45	0.00	8.06	1.45	6.61

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Water exposed surfaces - 2x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% SO2 0.0% PM10 34.0%)
 Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Nov '08
 Phase 2 Duration: 5.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	4.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Apr '09
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Apr '09
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 2x daily
has been changed from off to on.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 3 Site Grading and
 Project Name: Township 9 Phase 3 Site Grading and Improvements
 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: November, 2008
 Construction Duration: 6
 Total Land Use Area to be Developed: 1 acres
 Maximum Acreage Disturbed Per Day: 1 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	10.00	-	10.00
Off-Road Diesel	5.99	40.28	48.04	-	1.59	1.59	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.22	2.48	0.00	0.01	0.00	0.01
Maximum lbs/day	6.11	40.50	50.52	0.00	11.60	1.59	10.01
Phase 3 - Building Construction							
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	6.11	40.50	50.52	0.00	11.60	1.59	10.01
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	10.00	-	10.00
Off-Road Diesel	5.99	38.72	49.01	-	1.45	1.45	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.22	2.44	0.00	0.01	0.00	0.01
Maximum lbs/day	6.11	38.94	51.45	0.00	11.46	1.45	10.01
Phase 3 - Building Construction							
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	0.24	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	19.29	23.84	-	0.74	0.74	0.00
Asphalt On-Road Diesel	0.03	0.51	0.12	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.02	0.01	0.28	0.00	0.00	0.00	0.00
Maximum lbs/day	3.23	19.81	24.23	0.00	0.76	0.75	0.01
Max lbs/day all phases	6.11	38.94	51.45	0.00	11.46	1.45	10.01

Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Nov '08
 Phase 2 Duration: 5.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	4.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Apr '09
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Apr '09
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	6.60	-	6.60
Off-Road Diesel	5.99	40.28	48.04	-	1.59	1.59	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.22	2.48	0.00	0.01	0.00	0.01
Maximum lbs/day	6.11	40.50	50.52	0.00	8.20	1.59	6.61
Phase 3 - Building Construction							
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	6.11	40.50	50.52	0.00	8.20	1.59	6.61

*** 2009***

Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	6.60	-	6.60
Off-Road Diesel	5.99	38.72	49.01	-	1.45	1.45	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.22	2.44	0.00	0.01	0.00	0.01
Maximum lbs/day	6.11	38.94	51.45	0.00	8.06	1.45	6.61
Phase 3 - Building Construction							
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	0.24	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	19.29	23.84	-	0.74	0.74	0.00
Asphalt On-Road Diesel	0.03	0.51	0.12	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.02	0.01	0.28	0.00	0.00	0.00	0.00
Maximum lbs/day	3.23	19.81	24.23	0.00	0.76	0.75	0.01
Max lbs/day all phases	6.11	38.94	51.45	0.00	8.06	1.45	6.61

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Water exposed surfaces - 2x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% SO2 0.0% PM10 34.0%)
 Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Nov '08
 Phase 2 Duration: 5.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	4.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Apr '09
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Apr '09
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 2x daily
has been changed from off to on.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 3 Site Grading and
 Project Name: Township 9 Phase 3 Site Grading and Improvements
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: November, 2008
 Construction Duration: 6
 Total Land Use Area to be Developed: 1 acres
 Maximum Acreage Disturbed Per Day: 1 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.22	-	0.22
Off-Road Diesel	0.13	0.89	1.06	-	0.03	0.03	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	0.05	0.00	0.00	0.00	0.00
Total tons/year	0.13	0.89	1.11	0.00	0.25	0.03	0.22
Phase 3 - Building Construction							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total all phases tons/yr	0.13	0.89	1.11	0.00	0.25	0.03	0.22
*** 2009***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.39	-	0.38
Off-Road Diesel	0.23	1.49	1.89	-	0.06	0.06	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.01	0.09	0.00	0.00	0.00	0.00
Total tons/year	0.23	1.50	1.98	0.00	0.44	0.06	0.38
Phase 3 - Building Construction							
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	0.02	0.11	0.13	-	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
Total tons/year	0.02	0.11	0.13	0.00	0.00	0.00	0.00
Total all phases tons/yr	0.25	1.61	2.11	0.00	0.44	0.06	0.38

Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Nov '08
 Phase 2 Duration: 5.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	4.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Apr '09
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Apr '09
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.15	-	0.15
Off-Road Diesel	0.13	0.89	1.06	-	0.03	0.03	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	0.05	0.00	0.00	0.00	0.00
Total tons/year	0.13	0.89	1.11	0.00	0.18	0.03	0.15
Phase 3 - Building Construction							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total all phases tons/yr	0.13	0.89	1.11	0.00	0.18	0.03	0.15

*** 2009***

Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.25	-	0.25
Off-Road Diesel	0.23	1.49	1.89	-	0.06	0.06	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.01	0.09	0.00	0.00	0.00	0.00
Total tons/year	0.23	1.50	1.98	0.00	0.31	0.06	0.25
Phase 3 - Building Construction							
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	0.02	0.11	0.13	-	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
Total tons/year	0.02	0.11	0.13	0.00	0.00	0.00	0.00
Total all phases tons/yr	0.25	1.61	2.11	0.00	0.31	0.06	0.25

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Water exposed surfaces - 2x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% SO2 0.0% PM10 34.0%)
 Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Nov '08
 Phase 2 Duration: 5.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	4.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Apr '09
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Apr '09
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 2x daily
has been changed from off to on.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 3 Site Grading and
Project Name: Township 9 Phase 3 Site Grading and Improvements
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008 ***							
TOTALS (lbs/day, unmitigated)	6.11	40.50	50.52	0.00	11.60	1.59	10.01
TOTALS (lbs/day, mitigated)	6.11	40.50	50.52	0.00	8.20	1.59	6.61
*** 2009 ***							
TOTALS (lbs/day, unmitigated)	6.11	38.94	51.45	0.00	11.46	1.45	10.01
TOTALS (lbs/day, mitigated)	6.11	38.94	51.45	0.00	8.06	1.45	6.61

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 3 Site Grading and
Project Name: Township 9 Phase 3 Site Grading and Improvements
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008 ***							
TOTALS (lbs/day, unmitigated)	6.11	40.50	50.52	0.00	11.60	1.59	10.01
TOTALS (lbs/day, mitigated)	6.11	40.50	50.52	0.00	8.20	1.59	6.61
*** 2009 ***							
TOTALS (lbs/day, unmitigated)	6.11	38.94	51.45	0.00	11.46	1.45	10.01
TOTALS (lbs/day, mitigated)	6.11	38.94	51.45	0.00	8.06	1.45	6.61

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 3 Site Grading and
Project Name: Township 9 Phase 3 Site Grading and Improvements
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008 ***							
TOTALS (tpy, unmitigated)	0.13	0.89	1.11	0.00	0.25	0.03	0.22
TOTALS (tpy, mitigated)	0.13	0.89	1.11	0.00	0.18	0.03	0.15
*** 2009 ***							
TOTALS (tpy, unmitigated)	0.25	1.61	2.11	0.00	0.44	0.06	0.38
TOTALS (tpy, mitigated)	0.25	1.61	2.11	0.00	0.31	0.06	0.25

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 3 Site Grading and
 Project Name: Township 9 Phase 3 Site Grading and Improvements
 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: November, 2008
 Construction Duration: 6
 Total Land Use Area to be Developed: 1 acres
 Maximum Acreage Disturbed Per Day: 1 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	10.00	-	10.00
Off-Road Diesel	5.99	40.28	48.04	-	1.59	1.59	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.22	2.48	0.00	0.01	0.00	0.01
Maximum lbs/day	6.11	40.50	50.52	0.00	11.60	1.59	10.01
Phase 3 - Building Construction							
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	6.11	40.50	50.52	0.00	11.60	1.59	10.01
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	10.00	-	10.00
Off-Road Diesel	5.99	38.72	49.01	-	1.45	1.45	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.22	2.44	0.00	0.01	0.00	0.01
Maximum lbs/day	6.11	38.94	51.45	0.00	11.46	1.45	10.01
Phase 3 - Building Construction							
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	0.24	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	19.29	23.84	-	0.74	0.74	0.00
Asphalt On-Road Diesel	0.03	0.51	0.12	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.02	0.01	0.28	0.00	0.00	0.00	0.00
Maximum lbs/day	3.23	19.81	24.23	0.00	0.76	0.75	0.01
Max lbs/day all phases	6.11	38.94	51.45	0.00	11.46	1.45	10.01

Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Nov '08
 Phase 2 Duration: 5.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	4.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Apr '09
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Apr '09
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	6.60	-	6.60
Off-Road Diesel	5.99	40.28	48.04	-	1.59	1.59	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.22	2.48	0.00	0.01	0.00	0.01
Maximum lbs/day	6.11	40.50	50.52	0.00	8.20	1.59	6.61
Phase 3 - Building Construction							
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	6.11	40.50	50.52	0.00	8.20	1.59	6.61

*** 2009***

Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	6.60	-	6.60
Off-Road Diesel	5.99	38.72	49.01	-	1.45	1.45	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.22	2.44	0.00	0.01	0.00	0.01
Maximum lbs/day	6.11	38.94	51.45	0.00	8.06	1.45	6.61
Phase 3 - Building Construction							
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	0.24	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	19.29	23.84	-	0.74	0.74	0.00
Asphalt On-Road Diesel	0.03	0.51	0.12	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.02	0.01	0.28	0.00	0.00	0.00	0.00
Maximum lbs/day	3.23	19.81	24.23	0.00	0.76	0.75	0.01
Max lbs/day all phases	6.11	38.94	51.45	0.00	8.06	1.45	6.61

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Water exposed surfaces - 2x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% SO2 0.0% PM10 34.0%)
 Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Nov '08
 Phase 2 Duration: 5.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	4.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Apr '09
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Apr '09
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 2x daily
has been changed from off to on.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 3 Site Grading and
 Project Name: Township 9 Phase 3 Site Grading and Improvements
 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: November, 2008
 Construction Duration: 6
 Total Land Use Area to be Developed: 1 acres
 Maximum Acreage Disturbed Per Day: 1 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	10.00	-	10.00
Off-Road Diesel	5.99	40.28	48.04	-	1.59	1.59	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.22	2.48	0.00	0.01	0.00	0.01
Maximum lbs/day	6.11	40.50	50.52	0.00	11.60	1.59	10.01
Phase 3 - Building Construction							
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	6.11	40.50	50.52	0.00	11.60	1.59	10.01
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	10.00	-	10.00
Off-Road Diesel	5.99	38.72	49.01	-	1.45	1.45	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.22	2.44	0.00	0.01	0.00	0.01
Maximum lbs/day	6.11	38.94	51.45	0.00	11.46	1.45	10.01
Phase 3 - Building Construction							
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	0.24	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	19.29	23.84	-	0.74	0.74	0.00
Asphalt On-Road Diesel	0.03	0.51	0.12	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.02	0.01	0.28	0.00	0.00	0.00	0.00
Maximum lbs/day	3.23	19.81	24.23	0.00	0.76	0.75	0.01
Max lbs/day all phases	6.11	38.94	51.45	0.00	11.46	1.45	10.01

Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Nov '08
 Phase 2 Duration: 5.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	4.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Apr '09
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Apr '09
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	6.60	-	6.60
Off-Road Diesel	5.99	40.28	48.04	-	1.59	1.59	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.22	2.48	0.00	0.01	0.00	0.01
Maximum lbs/day	6.11	40.50	50.52	0.00	8.20	1.59	6.61
Phase 3 - Building Construction							
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	6.11	40.50	50.52	0.00	8.20	1.59	6.61

*** 2009***

Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	6.60	-	6.60
Off-Road Diesel	5.99	38.72	49.01	-	1.45	1.45	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.22	2.44	0.00	0.01	0.00	0.01
Maximum lbs/day	6.11	38.94	51.45	0.00	8.06	1.45	6.61
Phase 3 - Building Construction							
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	0.24	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	19.29	23.84	-	0.74	0.74	0.00
Asphalt On-Road Diesel	0.03	0.51	0.12	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.02	0.01	0.28	0.00	0.00	0.00	0.00
Maximum lbs/day	3.23	19.81	24.23	0.00	0.76	0.75	0.01
Max lbs/day all phases	6.11	38.94	51.45	0.00	8.06	1.45	6.61

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Water exposed surfaces - 2x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% SO2 0.0% PM10 34.0%)
 Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Nov '08
 Phase 2 Duration: 5.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	4.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Apr '09
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Apr '09
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 2x daily
has been changed from off to on.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2008\Phase 3 Site Grading and
 Project Name: Township 9 Phase 3 Site Grading and Improvements
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: November, 2008
 Construction Duration: 6
 Total Land Use Area to be Developed: 1 acres
 Maximum Acreage Disturbed Per Day: 1 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.22	-	0.22
Off-Road Diesel	0.13	0.89	1.06	-	0.03	0.03	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	0.05	0.00	0.00	0.00	0.00
Total tons/year	0.13	0.89	1.11	0.00	0.25	0.03	0.22
Phase 3 - Building Construction							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total all phases tons/yr	0.13	0.89	1.11	0.00	0.25	0.03	0.22
*** 2009***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.39	-	0.38
Off-Road Diesel	0.23	1.49	1.89	-	0.06	0.06	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.01	0.09	0.00	0.00	0.00	0.00
Total tons/year	0.23	1.50	1.98	0.00	0.44	0.06	0.38
Phase 3 - Building Construction							
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	0.02	0.11	0.13	-	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
Total tons/year	0.02	0.11	0.13	0.00	0.00	0.00	0.00
Total all phases tons/yr	0.25	1.61	2.11	0.00	0.44	0.06	0.38

Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Nov '08
 Phase 2 Duration: 5.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	4.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Apr '09
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Apr '09
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2008***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.15	-	0.15
Off-Road Diesel	0.13	0.89	1.06	-	0.03	0.03	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	0.05	0.00	0.00	0.00	0.00
Total tons/year	0.13	0.89	1.11	0.00	0.18	0.03	0.15
Phase 3 - Building Construction							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total all phases tons/yr	0.13	0.89	1.11	0.00	0.18	0.03	0.15

*** 2009***

Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.25	-	0.25
Off-Road Diesel	0.23	1.49	1.89	-	0.06	0.06	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.01	0.09	0.00	0.00	0.00	0.00
Total tons/year	0.23	1.50	1.98	0.00	0.31	0.06	0.25
Phase 3 - Building Construction							
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	0.02	0.11	0.13	-	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
Total tons/year	0.02	0.11	0.13	0.00	0.00	0.00	0.00
Total all phases tons/yr	0.25	1.61	2.11	0.00	0.31	0.06	0.25

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Water exposed surfaces - 2x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% SO2 0.0% PM10 34.0%)
 Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Nov '08
 Phase 2 Duration: 5.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	4.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Apr '09
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Apr '09
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 2x daily
has been changed from off to on.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 10 Constr
Project Name: Township 9 Parcel 10 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	3.93	20.27	41.54	0.01	0.60	0.55	0.05
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	144.03	20.33	43.62	0.01	0.65	0.55	0.10

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 10 Constr
Project Name: Township 9 Parcel 10 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	3.93	20.27	41.54	0.01	0.60	0.55	0.05
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	144.03	20.33	43.62	0.01	0.65	0.55	0.10

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 10 Constr
Project Name: Township 9 Parcel 10 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (tpy, unmitigated)	0.51	2.67	5.41	0.00	0.08	0.07	0.01
*** 2011 ***							
TOTALS (tpy, unmitigated)	3.25	0.89	1.88	0.00	0.02	0.02	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 10 Construction
 Project Name: Township 9 Parcel 10 Construction
 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: January, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 145
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.64	1.19	13.57	0.01	0.08	0.03	0.05
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	3.93	20.27	41.54	0.01	0.60	0.55	0.05
Max lbs/day all phases	3.93	20.27	41.54	0.01	0.60	0.55	0.05
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.64	1.19	13.57	0.01	0.08	0.03	0.05
Arch Coatings Off-Gas	139.92	-	-	-	-	-	-
Arch Coatings Worker Trips	0.22	0.10	2.65	0.00	0.05	0.00	0.05
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	144.03	20.33	43.62	0.01	0.65	0.55	0.10
Max lbs/day all phases	144.03	20.33	43.62	0.01	0.65	0.55	0.10

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 10 Construction
 Project Name: Township 9 Parcel 10 Construction
 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: January, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 145
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.64	1.19	13.57	0.01	0.08	0.03	0.05
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	3.93	20.27	41.54	0.01	0.60	0.55	0.05
Max lbs/day all phases	3.93	20.27	41.54	0.01	0.60	0.55	0.05
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.64	1.19	13.57	0.01	0.08	0.03	0.05
Arch Coatings Off-Gas	139.92	-	-	-	-	-	-
Arch Coatings Worker Trips	0.22	0.10	2.65	0.00	0.05	0.00	0.05
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	144.03	20.33	43.62	0.01	0.65	0.55	0.10
Max lbs/day all phases	144.03	20.33	43.62	0.01	0.65	0.55	0.10

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 10 Construction
 Project Name: Township 9 Parcel 10 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 145
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.43	2.52	3.69	-	0.07	0.07	0.00
Bldg Const Worker Trips	0.08	0.15	1.72	0.00	0.01	0.00	0.01
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
Total tons/year	0.51	2.67	5.41	0.00	0.08	0.07	0.01
Total all phases tons/yr	0.51	2.67	5.41	0.00	0.08	0.07	0.01
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.14	0.84	1.23	-	0.02	0.02	0.00
Bldg Const Worker Trips	0.03	0.05	0.59	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	3.08	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.06	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
Total tons/year	3.25	0.89	1.88	0.00	0.02	0.02	0.00
Total all phases tons/yr	3.25	0.89	1.88	0.00	0.02	0.02	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 4 Construction
Project Name: Township 9 Phase 3 Parcel 4 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	5.12	26.26	54.24	0.01	0.79	0.73	0.06
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	171.38	26.44	58.07	0.01	0.85	0.73	0.12

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 4 Construction
Project Name: Township 9 Phase 3 Parcel 4 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	5.12	26.26	54.24	0.01	0.79	0.73	0.06
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	171.38	26.44	58.07	0.01	0.85	0.73	0.12

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 4 Construction
Project Name: Township 9 Phase 3 Parcel 4 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (tpy, unmitigated)	0.34	1.73	3.52	0.00	0.05	0.05	0.00
*** 2011 ***							
TOTALS (tpy, unmitigated)	4.22	2.89	6.01	0.00	0.09	0.08	0.01

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 4 Construction
 Project Name: Township 9 Phase 3 Parcel 4 Construction
 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: July, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 172
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.75	0.92	17.09	0.01	0.09	0.03	0.06
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	5.12	26.26	54.24	0.01	0.79	0.73	0.06
Max lbs/day all phases	5.12	26.26	54.24	0.01	0.79	0.73	0.06
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.75	0.92	17.09	0.01	0.09	0.03	0.06
Arch Coatings Off-Gas	165.97	-	-	-	-	-	-
Arch Coatings Worker Trips	0.29	0.18	3.83	0.00	0.06	0.00	0.06
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	171.38	26.44	58.07	0.01	0.85	0.73	0.12
Max lbs/day all phases	171.38	26.44	58.07	0.01	0.85	0.73	0.12

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 4 Construction
 Project Name: Township 9 Phase 3 Parcel 4 Construction
 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: July, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 172
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.75	0.92	17.09	0.01	0.09	0.03	0.06
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	5.12	26.26	54.24	0.01	0.79	0.73	0.06
Max lbs/day all phases	5.12	26.26	54.24	0.01	0.79	0.73	0.06
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.75	0.92	17.09	0.01	0.09	0.03	0.06
Arch Coatings Off-Gas	165.97	-	-	-	-	-	-
Arch Coatings Worker Trips	0.29	0.18	3.83	0.00	0.06	0.00	0.06
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	171.38	26.44	58.07	0.01	0.85	0.73	0.12
Max lbs/day all phases	171.38	26.44	58.07	0.01	0.85	0.73	0.12

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 4 Construction
 Project Name: Township 9 Phase 3 Parcel 4 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 172
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.29	1.67	2.45	-	0.05	0.05	0.00
Bldg Const Worker Trips	0.05	0.06	1.07	0.00	0.01	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
Total tons/year	0.34	1.73	3.52	0.00	0.05	0.05	0.00
Total all phases tons/yr	0.34	1.73	3.52	0.00	0.05	0.05	0.00
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.48	2.79	4.09	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.08	0.10	1.84	0.00	0.01	0.00	0.01
Arch Coatings Off-Gas	3.65	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.00	0.08	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
Total tons/year	4.22	2.89	6.01	0.00	0.09	0.08	0.01
Total all phases tons/yr	4.22	2.89	6.01	0.00	0.09	0.08	0.01

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 10 Constr
Project Name: Township 9 Parcel 10 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	3.93	20.27	41.54	0.01	0.60	0.55	0.05
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	144.03	20.33	43.62	0.01	0.65	0.55	0.10

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 10 Constr
Project Name: Township 9 Parcel 10 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	3.93	20.27	41.54	0.01	0.60	0.55	0.05
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	144.03	20.33	43.62	0.01	0.65	0.55	0.10

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 10 Constr
Project Name: Township 9 Parcel 10 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (tpy, unmitigated)	0.51	2.67	5.41	0.00	0.08	0.07	0.01
*** 2011 ***							
TOTALS (tpy, unmitigated)	3.25	0.89	1.88	0.00	0.02	0.02	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 10 Construction
 Project Name: Township 9 Parcel 10 Construction
 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: January, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 145
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.64	1.19	13.57	0.01	0.08	0.03	0.05
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	3.93	20.27	41.54	0.01	0.60	0.55	0.05
Max lbs/day all phases	3.93	20.27	41.54	0.01	0.60	0.55	0.05
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.64	1.19	13.57	0.01	0.08	0.03	0.05
Arch Coatings Off-Gas	139.92	-	-	-	-	-	-
Arch Coatings Worker Trips	0.22	0.10	2.65	0.00	0.05	0.00	0.05
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	144.03	20.33	43.62	0.01	0.65	0.55	0.10
Max lbs/day all phases	144.03	20.33	43.62	0.01	0.65	0.55	0.10

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 10 Construction
 Project Name: Township 9 Parcel 10 Construction
 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: January, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 145
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.64	1.19	13.57	0.01	0.08	0.03	0.05
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	3.93	20.27	41.54	0.01	0.60	0.55	0.05
Max lbs/day all phases	3.93	20.27	41.54	0.01	0.60	0.55	0.05
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.64	1.19	13.57	0.01	0.08	0.03	0.05
Arch Coatings Off-Gas	139.92	-	-	-	-	-	-
Arch Coatings Worker Trips	0.22	0.10	2.65	0.00	0.05	0.00	0.05
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	144.03	20.33	43.62	0.01	0.65	0.55	0.10
Max lbs/day all phases	144.03	20.33	43.62	0.01	0.65	0.55	0.10

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 10 Construction
 Project Name: Township 9 Parcel 10 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 145
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.43	2.52	3.69	-	0.07	0.07	0.00
Bldg Const Worker Trips	0.08	0.15	1.72	0.00	0.01	0.00	0.01
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
Total tons/year	0.51	2.67	5.41	0.00	0.08	0.07	0.01
Total all phases tons/yr	0.51	2.67	5.41	0.00	0.08	0.07	0.01
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.14	0.84	1.23	-	0.02	0.02	0.00
Bldg Const Worker Trips	0.03	0.05	0.59	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	3.08	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.06	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
Total tons/year	3.25	0.89	1.88	0.00	0.02	0.02	0.00
Total all phases tons/yr	3.25	0.89	1.88	0.00	0.02	0.02	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 4 Construction
Project Name: Township 9 Phase 3 Parcel 4 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	5.12	26.26	54.24	0.01	0.79	0.73	0.06
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	171.38	26.44	58.07	0.01	0.85	0.73	0.12

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 4 Construction
Project Name: Township 9 Phase 3 Parcel 4 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	5.12	26.26	54.24	0.01	0.79	0.73	0.06

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	171.38	26.44	58.07	0.01	0.85	0.73	0.12

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 4 Construction
Project Name: Township 9 Phase 3 Parcel 4 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (tpy, unmitigated)	0.34	1.73	3.52	0.00	0.05	0.05	0.00
*** 2011 ***							
TOTALS (tpy, unmitigated)	4.22	2.89	6.01	0.00	0.09	0.08	0.01

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 4 Construction
 Project Name: Township 9 Phase 3 Parcel 4 Construction
 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: July, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 172
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.75	0.92	17.09	0.01	0.09	0.03	0.06
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	5.12	26.26	54.24	0.01	0.79	0.73	0.06
Max lbs/day all phases	5.12	26.26	54.24	0.01	0.79	0.73	0.06
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.75	0.92	17.09	0.01	0.09	0.03	0.06
Arch Coatings Off-Gas	165.97	-	-	-	-	-	-
Arch Coatings Worker Trips	0.29	0.18	3.83	0.00	0.06	0.00	0.06
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	171.38	26.44	58.07	0.01	0.85	0.73	0.12
Max lbs/day all phases	171.38	26.44	58.07	0.01	0.85	0.73	0.12

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 4 Construction
 Project Name: Township 9 Phase 3 Parcel 4 Construction
 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: July, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 172
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.75	0.92	17.09	0.01	0.09	0.03	0.06
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	5.12	26.26	54.24	0.01	0.79	0.73	0.06
Max lbs/day all phases	5.12	26.26	54.24	0.01	0.79	0.73	0.06
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.75	0.92	17.09	0.01	0.09	0.03	0.06
Arch Coatings Off-Gas	165.97	-	-	-	-	-	-
Arch Coatings Worker Trips	0.29	0.18	3.83	0.00	0.06	0.00	0.06
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	171.38	26.44	58.07	0.01	0.85	0.73	0.12
Max lbs/day all phases	171.38	26.44	58.07	0.01	0.85	0.73	0.12

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 4 Construction
 Project Name: Township 9 Phase 3 Parcel 4 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 172
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.29	1.67	2.45	-	0.05	0.05	0.00
Bldg Const Worker Trips	0.05	0.06	1.07	0.00	0.01	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
Total tons/year	0.34	1.73	3.52	0.00	0.05	0.05	0.00
Total all phases tons/yr	0.34	1.73	3.52	0.00	0.05	0.05	0.00
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.48	2.79	4.09	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.08	0.10	1.84	0.00	0.01	0.00	0.01
Arch Coatings Off-Gas	3.65	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.00	0.08	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
Total tons/year	4.22	2.89	6.01	0.00	0.09	0.08	0.01
Total all phases tons/yr	4.22	2.89	6.01	0.00	0.09	0.08	0.01

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 10 Constr
Project Name: Township 9 Parcel 10 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	3.93	20.27	41.54	0.01	0.60	0.55	0.05
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	144.03	20.33	43.62	0.01	0.65	0.55	0.10

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 10 Constr
Project Name: Township 9 Parcel 10 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	3.93	20.27	41.54	0.01	0.60	0.55	0.05
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	144.03	20.33	43.62	0.01	0.65	0.55	0.10

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 10 Constr
Project Name: Township 9 Parcel 10 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (tpy, unmitigated)	0.51	2.67	5.41	0.00	0.08	0.07	0.01
*** 2011 ***							
TOTALS (tpy, unmitigated)	3.25	0.89	1.88	0.00	0.02	0.02	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 10 Construction
 Project Name: Township 9 Parcel 10 Construction
 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: January, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 145
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.64	1.19	13.57	0.01	0.08	0.03	0.05
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	3.93	20.27	41.54	0.01	0.60	0.55	0.05
Max lbs/day all phases	3.93	20.27	41.54	0.01	0.60	0.55	0.05
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.64	1.19	13.57	0.01	0.08	0.03	0.05
Arch Coatings Off-Gas	139.92	-	-	-	-	-	-
Arch Coatings Worker Trips	0.22	0.10	2.65	0.00	0.05	0.00	0.05
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	144.03	20.33	43.62	0.01	0.65	0.55	0.10
Max lbs/day all phases	144.03	20.33	43.62	0.01	0.65	0.55	0.10

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 10 Construction
 Project Name: Township 9 Parcel 10 Construction
 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: January, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 145
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.64	1.19	13.57	0.01	0.08	0.03	0.05
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	3.93	20.27	41.54	0.01	0.60	0.55	0.05
Max lbs/day all phases	3.93	20.27	41.54	0.01	0.60	0.55	0.05
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.64	1.19	13.57	0.01	0.08	0.03	0.05
Arch Coatings Off-Gas	139.92	-	-	-	-	-	-
Arch Coatings Worker Trips	0.22	0.10	2.65	0.00	0.05	0.00	0.05
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	144.03	20.33	43.62	0.01	0.65	0.55	0.10
Max lbs/day all phases	144.03	20.33	43.62	0.01	0.65	0.55	0.10

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 10 Construction
 Project Name: Township 9 Parcel 10 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 145
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.43	2.52	3.69	-	0.07	0.07	0.00
Bldg Const Worker Trips	0.08	0.15	1.72	0.00	0.01	0.00	0.01
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
Total tons/year	0.51	2.67	5.41	0.00	0.08	0.07	0.01
Total all phases tons/yr	0.51	2.67	5.41	0.00	0.08	0.07	0.01
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.14	0.84	1.23	-	0.02	0.02	0.00
Bldg Const Worker Trips	0.03	0.05	0.59	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	3.08	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.06	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
Total tons/year	3.25	0.89	1.88	0.00	0.02	0.02	0.00
Total all phases tons/yr	3.25	0.89	1.88	0.00	0.02	0.02	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 4 Construction
Project Name: Township 9 Phase 3 Parcel 4 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	5.12	26.26	54.24	0.01	0.79	0.73	0.06
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	171.38	26.44	58.07	0.01	0.85	0.73	0.12

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 4 Construction
Project Name: Township 9 Phase 3 Parcel 4 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	5.12	26.26	54.24	0.01	0.79	0.73	0.06
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	171.38	26.44	58.07	0.01	0.85	0.73	0.12

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 4 Construction
Project Name: Township 9 Phase 3 Parcel 4 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 *** TOTALS (tpy, unmitigated)	0.34	1.73	3.52	0.00	0.05	0.05	0.00
*** 2011 *** TOTALS (tpy, unmitigated)	4.22	2.89	6.01	0.00	0.09	0.08	0.01

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 4 Construction
 Project Name: Township 9 Phase 3 Parcel 4 Construction
 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: July, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 172
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.75	0.92	17.09	0.01	0.09	0.03	0.06
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	5.12	26.26	54.24	0.01	0.79	0.73	0.06
Max lbs/day all phases	5.12	26.26	54.24	0.01	0.79	0.73	0.06
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.75	0.92	17.09	0.01	0.09	0.03	0.06
Arch Coatings Off-Gas	165.97	-	-	-	-	-	-
Arch Coatings Worker Trips	0.29	0.18	3.83	0.00	0.06	0.00	0.06
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	171.38	26.44	58.07	0.01	0.85	0.73	0.12
Max lbs/day all phases	171.38	26.44	58.07	0.01	0.85	0.73	0.12

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 4 Construction
 Project Name: Township 9 Phase 3 Parcel 4 Construction
 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: July, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 172
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.75	0.92	17.09	0.01	0.09	0.03	0.06
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	5.12	26.26	54.24	0.01	0.79	0.73	0.06
Max lbs/day all phases	5.12	26.26	54.24	0.01	0.79	0.73	0.06
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.75	0.92	17.09	0.01	0.09	0.03	0.06
Arch Coatings Off-Gas	165.97	-	-	-	-	-	-
Arch Coatings Worker Trips	0.29	0.18	3.83	0.00	0.06	0.00	0.06
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	171.38	26.44	58.07	0.01	0.85	0.73	0.12
Max lbs/day all phases	171.38	26.44	58.07	0.01	0.85	0.73	0.12

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 3 Parcel 4 Construction
 Project Name: Township 9 Phase 3 Parcel 4 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 172
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.29	1.67	2.45	-	0.05	0.05	0.00
Bldg Const Worker Trips	0.05	0.06	1.07	0.00	0.01	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
Total tons/year	0.34	1.73	3.52	0.00	0.05	0.05	0.00
Total all phases tons/yr	0.34	1.73	3.52	0.00	0.05	0.05	0.00
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.48	2.79	4.09	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.08	0.10	1.84	0.00	0.01	0.00	0.01
Arch Coatings Off-Gas	3.65	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.00	0.08	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
Total tons/year	4.22	2.89	6.01	0.00	0.09	0.08	0.01
Total all phases tons/yr	4.22	2.89	6.01	0.00	0.09	0.08	0.01

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 4 Site Grading and
Project Name: Township 9 Phase 4 Site Grading and Improvements
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (lbs/day, unmitigated)	7.55	47.77	63.56	0.00	11.76	1.75	10.01
TOTALS (lbs/day, mitigated)	7.55	47.77	63.56	0.00	8.36	1.75	6.61

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 4 Site Grading and
Project Name: Township 9 Phase 4 Site Grading and Improvements
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (lbs/day, unmitigated)	7.55	47.77	63.56	0.00	11.76	1.75	10.01
TOTALS (lbs/day, mitigated)	7.55	47.77	63.56	0.00	8.36	1.75	6.61

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 4 Site Grading and
Project Name: Township 9 Phase 4 Site Grading and Improvements
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009 ***							
TOTALS (tpy, unmitigated)	0.14	0.90	1.18	0.00	0.19	0.03	0.16
TOTALS (tpy, mitigated)	0.14	0.90	1.18	0.00	0.14	0.03	0.11

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 4 Site Grading and
 Project Name: Township 9 Phase 4 Site Grading and Improvements
 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, 2009
 Construction Duration: 2
 Total Land Use Area to be Developed: 1 acres
 Maximum Acreage Disturbed Per Day: 1 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	10.00	-	10.00
Off-Road Diesel	7.43	47.63	60.95	-	1.75	1.75	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.14	2.61	0.00	0.01	0.00	0.01
Maximum lbs/day	7.55	47.77	63.56	0.00	11.76	1.75	10.01
Phase 3 - Building Construction							
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	0.24	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	19.29	23.84	-	0.74	0.74	0.00
Asphalt On-Road Diesel	0.03	0.51	0.12	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.02	0.01	0.28	0.00	0.00	0.00	0.00
Maximum lbs/day	3.23	19.81	24.23	0.00	0.76	0.75	0.01
Max lbs/day all phases	7.55	47.77	63.56	0.00	11.76	1.75	10.01

Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Jun '09
 Phase 2 Duration: 1.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Excavators	180	0.580	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	5.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Jul '09
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Jul '09
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	6.60	-	6.60
Off-Road Diesel	7.43	47.63	60.95	-	1.75	1.75	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.14	2.61	0.00	0.01	0.00	0.01
Maximum lbs/day	7.55	47.77	63.56	0.00	8.36	1.75	6.61
Phase 3 - Building Construction							
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	0.24	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	19.29	23.84	-	0.74	0.74	0.00
Asphalt On-Road Diesel	0.03	0.51	0.12	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.02	0.01	0.28	0.00	0.00	0.00	0.00
Maximum lbs/day	3.23	19.81	24.23	0.00	0.76	0.75	0.01
Max lbs/day all phases	7.55	47.77	63.56	0.00	8.36	1.75	6.61

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Water exposed surfaces - 2x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% SO2 0.0% PM10 34.0%)
 Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Jun '09
 Phase 2 Duration: 1.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Excavators	180	0.580	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	5.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Jul '09
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Jul '09
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 2x daily
has been changed from off to on.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 4 Site Grading and
 Project Name: Township 9 Phase 4 Site Grading and Improvements
 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, 2009
 Construction Duration: 2
 Total Land Use Area to be Developed: 1 acres
 Maximum Acreage Disturbed Per Day: 1 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	10.00	-	10.00
Off-Road Diesel	7.43	47.63	60.95	-	1.75	1.75	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.14	2.61	0.00	0.01	0.00	0.01
Maximum lbs/day	7.55	47.77	63.56	0.00	11.76	1.75	10.01
Phase 3 - Building Construction							
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	0.24	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	19.29	23.84	-	0.74	0.74	0.00
Asphalt On-Road Diesel	0.03	0.51	0.12	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.02	0.01	0.28	0.00	0.00	0.00	0.00
Maximum lbs/day	3.23	19.81	24.23	0.00	0.76	0.75	0.01
Max lbs/day all phases	7.55	47.77	63.56	0.00	11.76	1.75	10.01

Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Jun '09
 Phase 2 Duration: 1.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Excavators	180	0.580	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	5.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Jul '09
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Jul '09
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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 Emissions							
Fugitive Dust	-	-	-	-	6.60	-	6.60
Off-Road Diesel	7.43	47.63	60.95	-	1.75	1.75	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.12	0.14	2.61	0.00	0.01	0.00	0.01
Maximum lbs/day	7.55	47.77	63.56	0.00	8.36	1.75	6.61
Phase 3 - Building Construction							
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	0.24	-	-	-	-	-	-
Asphalt Off-Road Diesel	2.94	19.29	23.84	-	0.74	0.74	0.00
Asphalt On-Road Diesel	0.03	0.51	0.12	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.02	0.01	0.28	0.00	0.00	0.00	0.00
Maximum lbs/day	3.23	19.81	24.23	0.00	0.76	0.75	0.01
Max lbs/day all phases	7.55	47.77	63.56	0.00	8.36	1.75	6.61

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Water exposed surfaces - 2x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% SO2 0.0% PM10 34.0%)
 Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Jun '09
 Phase 2 Duration: 1.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Excavators	180	0.580	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	5.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Jul '09
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Jul '09
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 2x daily
has been changed from off to on.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2009\Phase 4 Site Grading and
 Project Name: Township 9 Phase 4 Site Grading and Improvements
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: June, 2009
 Construction Duration: 2
 Total Land Use Area to be Developed: 1 acres
 Maximum Acreage Disturbed Per Day: 1 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.17	-	0.16
Off-Road Diesel	0.12	0.79	1.01	-	0.03	0.03	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	0.04	0.00	0.00	0.00	0.00
Total tons/year	0.12	0.79	1.05	0.00	0.19	0.03	0.16
Phase 3 - Building Construction							
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	0.02	0.11	0.13	-	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
Total tons/year	0.02	0.11	0.13	0.00	0.00	0.00	0.00
Total all phases tons/yr	0.14	0.90	1.18	0.00	0.19	0.03	0.16

Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Jun '09
 Phase 2 Duration: 1.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Excavators	180	0.580	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	5.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Jul '09
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Jul '09
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2009***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.11	-	0.11
Off-Road Diesel	0.12	0.79	1.01	-	0.03	0.03	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	0.04	0.00	0.00	0.00	0.00
Total tons/year	0.12	0.79	1.05	0.00	0.14	0.03	0.11
Phase 3 - Building Construction							
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	0.02	0.11	0.13	-	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
Total tons/year	0.02	0.11	0.13	0.00	0.00	0.00	0.00
Total all phases tons/yr	0.14	0.90	1.18	0.00	0.14	0.03	0.11

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Water exposed surfaces - 2x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% SO2 0.0% PM10 34.0%)
 Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Jun '09
 Phase 2 Duration: 1.5 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Crushing/Processing Equip	154	0.780	4.0
1	Excavators	180	0.580	4.0
1	Off Highway Trucks	417	0.490	5.0
2	Other Equipment	190	0.620	5.0
1	Skid Steer Loaders	62	0.515	4.0
1	Tractor/Loaders/Backhoes	79	0.465	4.0

Phase 3 - Building Construction Assumptions
 Start Month/Year for Phase 3: Jul '09
 Phase 3 Duration: 0.5 months
 SubPhase Building Turned OFF
 SubPhase Architectural Coatings Turned OFF
 Start Month/Year for SubPhase Asphalt: Jul '09
 SubPhase Asphalt Duration: 0.5 months
 Acres to be Paved: 1
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Other Equipment	190	0.620	6.0
1	Paving Equipment	111	0.530	4.0
2	Rollers	114	0.430	4.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 2x daily
has been changed from off to on.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 3 Construction
Project Name: Township 9 Phase 4 Parcel 3 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	5.55	27.54	62.14	0.02	0.84	0.75	0.09
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	263.54	27.64	65.96	0.02	0.94	0.76	0.18

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 3 Construction
Project Name: Township 9 Phase 4 Parcel 3 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	5.55	27.54	62.14	0.02	0.84	0.75	0.09
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	263.54	27.64	65.96	0.02	0.94	0.76	0.18

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 3 Construction
Project Name: Township 9 Phase 4 Parcel 3 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (tpy, unmitigated)	0.73	3.63	8.06	0.00	0.11	0.10	0.01
*** 2011 ***							
TOTALS (tpy, unmitigated)	5.92	1.22	2.83	0.00	0.03	0.03	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 3 Construction
 Project Name: Township 9 Phase 4 Parcel 3 Construction
 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: January, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 267
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.18	2.19	24.99	0.02	0.14	0.05	0.09
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	5.55	27.54	62.14	0.02	0.84	0.75	0.09
Max lbs/day all phases	5.55	27.54	62.14	0.02	0.84	0.75	0.09
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.18	2.19	24.99	0.02	0.14	0.05	0.09
Arch Coatings Off-Gas	257.64	-	-	-	-	-	-
Arch Coatings Worker Trips	0.40	0.19	4.88	0.00	0.10	0.01	0.09
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	263.54	27.64	65.96	0.02	0.94	0.76	0.18
Max lbs/day all phases	263.54	27.64	65.96	0.02	0.94	0.76	0.18

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 3 Construction
 Project Name: Township 9 Phase 4 Parcel 3 Construction
 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: January, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 267
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.18	2.19	24.99	0.02	0.14	0.05	0.09
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	5.55	27.54	62.14	0.02	0.84	0.75	0.09
Max lbs/day all phases	5.55	27.54	62.14	0.02	0.84	0.75	0.09
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.18	2.19	24.99	0.02	0.14	0.05	0.09
Arch Coatings Off-Gas	257.64	-	-	-	-	-	-
Arch Coatings Worker Trips	0.40	0.19	4.88	0.00	0.10	0.01	0.09
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	263.54	27.64	65.96	0.02	0.94	0.76	0.18
Max lbs/day all phases	263.54	27.64	65.96	0.02	0.94	0.76	0.18

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 3 Construction
 Project Name: Township 9 Phase 4 Parcel 3 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 267
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.58	3.35	4.90	-	0.09	0.09	0.00
Bldg Const Worker Trips	0.15	0.28	3.16	0.00	0.02	0.01	0.01
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
Total tons/year	0.73	3.63	8.06	0.00	0.11	0.10	0.01
Total all phases tons/yr	0.73	3.63	8.06	0.00	0.11	0.10	0.01
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.19	1.12	1.63	-	0.03	0.03	0.00
Bldg Const Worker Trips	0.05	0.10	1.09	0.00	0.01	0.00	0.00
Arch Coatings Off-Gas	5.67	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.00	0.11	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
Total tons/year	5.92	1.22	2.83	0.00	0.03	0.03	0.00
Total all phases tons/yr	5.92	1.22	2.83	0.00	0.03	0.03	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 3 Construction
Project Name: Township 9 Phase 4 Parcel 3 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	5.55	27.54	62.14	0.02	0.84	0.75	0.09
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	263.54	27.64	65.96	0.02	0.94	0.76	0.18

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 3 Construction
Project Name: Township 9 Phase 4 Parcel 3 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	5.55	27.54	62.14	0.02	0.84	0.75	0.09
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	263.54	27.64	65.96	0.02	0.94	0.76	0.18

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 3 Construction
Project Name: Township 9 Phase 4 Parcel 3 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (tpy, unmitigated)	0.73	3.63	8.06	0.00	0.11	0.10	0.01
*** 2011 ***							
TOTALS (tpy, unmitigated)	5.92	1.22	2.83	0.00	0.03	0.03	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 3 Construction
 Project Name: Township 9 Phase 4 Parcel 3 Construction
 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: January, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 267
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.18	2.19	24.99	0.02	0.14	0.05	0.09
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	5.55	27.54	62.14	0.02	0.84	0.75	0.09
Max lbs/day all phases	5.55	27.54	62.14	0.02	0.84	0.75	0.09
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.18	2.19	24.99	0.02	0.14	0.05	0.09
Arch Coatings Off-Gas	257.64	-	-	-	-	-	-
Arch Coatings Worker Trips	0.40	0.19	4.88	0.00	0.10	0.01	0.09
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	263.54	27.64	65.96	0.02	0.94	0.76	0.18
Max lbs/day all phases	263.54	27.64	65.96	0.02	0.94	0.76	0.18

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 3 Construction
 Project Name: Township 9 Phase 4 Parcel 3 Construction
 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: January, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 267
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.18	2.19	24.99	0.02	0.14	0.05	0.09
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	5.55	27.54	62.14	0.02	0.84	0.75	0.09
Max lbs/day all phases	5.55	27.54	62.14	0.02	0.84	0.75	0.09
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.18	2.19	24.99	0.02	0.14	0.05	0.09
Arch Coatings Off-Gas	257.64	-	-	-	-	-	-
Arch Coatings Worker Trips	0.40	0.19	4.88	0.00	0.10	0.01	0.09
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	263.54	27.64	65.96	0.02	0.94	0.76	0.18
Max lbs/day all phases	263.54	27.64	65.96	0.02	0.94	0.76	0.18

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 3 Construction
 Project Name: Township 9 Phase 4 Parcel 3 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 267
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.58	3.35	4.90	-	0.09	0.09	0.00
Bldg Const Worker Trips	0.15	0.28	3.16	0.00	0.02	0.01	0.01
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
Total tons/year	0.73	3.63	8.06	0.00	0.11	0.10	0.01
Total all phases tons/yr	0.73	3.63	8.06	0.00	0.11	0.10	0.01
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.19	1.12	1.63	-	0.03	0.03	0.00
Bldg Const Worker Trips	0.05	0.10	1.09	0.00	0.01	0.00	0.00
Arch Coatings Off-Gas	5.67	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.00	0.11	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
Total tons/year	5.92	1.22	2.83	0.00	0.03	0.03	0.00
Total all phases tons/yr	5.92	1.22	2.83	0.00	0.03	0.03	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 5 Construction
Project Name: Township 9 Phase 4 Parcel 5 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	6.07	27.41	75.61	0.03	0.90	0.77	0.13
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	380.15	27.81	84.22	0.03	1.04	0.78	0.26

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 5 Construction
Project Name: Township 9 Phase 4 Parcel 5 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	6.07	27.41	75.61	0.03	0.90	0.77	0.13
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	380.15	27.81	84.22	0.03	1.04	0.78	0.26

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 5 Construction
Project Name: Township 9 Phase 4 Parcel 5 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (tpy, unmitigated)	0.39	1.80	4.86	0.00	0.06	0.05	0.01
*** 2011 ***							
TOTALS (tpy, unmitigated)	8.89	3.02	8.41	0.00	0.10	0.09	0.01

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 5 Construction
 Project Name: Township 9 Phase 4 Parcel 5 Construction
 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: July, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 387
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.70	2.06	38.46	0.03	0.20	0.07	0.13
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	6.07	27.41	75.61	0.03	0.90	0.77	0.13
Max lbs/day all phases	6.07	27.41	75.61	0.03	0.90	0.77	0.13
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.70	2.06	38.46	0.03	0.20	0.07	0.13
Arch Coatings Off-Gas	373.43	-	-	-	-	-	-
Arch Coatings Worker Trips	0.64	0.40	8.61	0.00	0.14	0.01	0.13
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	380.15	27.81	84.22	0.03	1.04	0.78	0.26
Max lbs/day all phases	380.15	27.81	84.22	0.03	1.04	0.78	0.26

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 5 Construction
 Project Name: Township 9 Phase 4 Parcel 5 Construction
 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: July, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 387
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.70	2.06	38.46	0.03	0.20	0.07	0.13
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	6.07	27.41	75.61	0.03	0.90	0.77	0.13
Max lbs/day all phases	6.07	27.41	75.61	0.03	0.90	0.77	0.13
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.70	2.06	38.46	0.03	0.20	0.07	0.13
Arch Coatings Off-Gas	373.43	-	-	-	-	-	-
Arch Coatings Worker Trips	0.64	0.40	8.61	0.00	0.14	0.01	0.13
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	380.15	27.81	84.22	0.03	1.04	0.78	0.26
Max lbs/day all phases	380.15	27.81	84.22	0.03	1.04	0.78	0.26

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 5 Construction
 Project Name: Township 9 Phase 4 Parcel 5 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 387
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.29	1.67	2.45	-	0.05	0.05	0.00
Bldg Const Worker Trips	0.10	0.13	2.41	0.00	0.01	0.00	0.01
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
Total tons/year	0.39	1.80	4.86	0.00	0.06	0.05	0.01
Total all phases tons/yr	0.39	1.80	4.86	0.00	0.06	0.05	0.01
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.48	2.79	4.09	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.18	0.22	4.13	0.00	0.02	0.01	0.01
Arch Coatings Off-Gas	8.22	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.01	0.19	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
Total tons/year	8.89	3.02	8.41	0.00	0.10	0.09	0.01
Total all phases tons/yr	8.89	3.02	8.41	0.00	0.10	0.09	0.01

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 3 Construction
Project Name: Township 9 Phase 4 Parcel 3 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	5.55	27.54	62.14	0.02	0.84	0.75	0.09
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	263.54	27.64	65.96	0.02	0.94	0.76	0.18

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 3 Construction
Project Name: Township 9 Phase 4 Parcel 3 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	5.55	27.54	62.14	0.02	0.84	0.75	0.09
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	263.54	27.64	65.96	0.02	0.94	0.76	0.18

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 3 Construction
Project Name: Township 9 Phase 4 Parcel 3 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (tpy, unmitigated)	0.73	3.63	8.06	0.00	0.11	0.10	0.01
*** 2011 ***							
TOTALS (tpy, unmitigated)	5.92	1.22	2.83	0.00	0.03	0.03	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 3 Construction
 Project Name: Township 9 Phase 4 Parcel 3 Construction
 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: January, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 267
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.18	2.19	24.99	0.02	0.14	0.05	0.09
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	5.55	27.54	62.14	0.02	0.84	0.75	0.09
Max lbs/day all phases	5.55	27.54	62.14	0.02	0.84	0.75	0.09
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.18	2.19	24.99	0.02	0.14	0.05	0.09
Arch Coatings Off-Gas	257.64	-	-	-	-	-	-
Arch Coatings Worker Trips	0.40	0.19	4.88	0.00	0.10	0.01	0.09
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	263.54	27.64	65.96	0.02	0.94	0.76	0.18
Max lbs/day all phases	263.54	27.64	65.96	0.02	0.94	0.76	0.18

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 3 Construction
 Project Name: Township 9 Phase 4 Parcel 3 Construction
 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: January, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 267
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.18	2.19	24.99	0.02	0.14	0.05	0.09
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	5.55	27.54	62.14	0.02	0.84	0.75	0.09
Max lbs/day all phases	5.55	27.54	62.14	0.02	0.84	0.75	0.09
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.18	2.19	24.99	0.02	0.14	0.05	0.09
Arch Coatings Off-Gas	257.64	-	-	-	-	-	-
Arch Coatings Worker Trips	0.40	0.19	4.88	0.00	0.10	0.01	0.09
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	263.54	27.64	65.96	0.02	0.94	0.76	0.18
Max lbs/day all phases	263.54	27.64	65.96	0.02	0.94	0.76	0.18

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 3 Construction
 Project Name: Township 9 Phase 4 Parcel 3 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 267
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.58	3.35	4.90	-	0.09	0.09	0.00
Bldg Const Worker Trips	0.15	0.28	3.16	0.00	0.02	0.01	0.01
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
Total tons/year	0.73	3.63	8.06	0.00	0.11	0.10	0.01
Total all phases tons/yr	0.73	3.63	8.06	0.00	0.11	0.10	0.01
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.19	1.12	1.63	-	0.03	0.03	0.00
Bldg Const Worker Trips	0.05	0.10	1.09	0.00	0.01	0.00	0.00
Arch Coatings Off-Gas	5.67	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.00	0.11	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
Total tons/year	5.92	1.22	2.83	0.00	0.03	0.03	0.00
Total all phases tons/yr	5.92	1.22	2.83	0.00	0.03	0.03	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 5 Construction
Project Name: Township 9 Phase 4 Parcel 5 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	6.07	27.41	75.61	0.03	0.90	0.77	0.13
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	380.15	27.81	84.22	0.03	1.04	0.78	0.26

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 5 Construction
Project Name: Township 9 Phase 4 Parcel 5 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	6.07	27.41	75.61	0.03	0.90	0.77	0.13
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	380.15	27.81	84.22	0.03	1.04	0.78	0.26

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 5 Construction
Project Name: Township 9 Phase 4 Parcel 5 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (tpy, unmitigated)	0.39	1.80	4.86	0.00	0.06	0.05	0.01
*** 2011 ***							
TOTALS (tpy, unmitigated)	8.89	3.02	8.41	0.00	0.10	0.09	0.01

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 5 Construction
 Project Name: Township 9 Phase 4 Parcel 5 Construction
 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: July, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 387
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.70	2.06	38.46	0.03	0.20	0.07	0.13
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	6.07	27.41	75.61	0.03	0.90	0.77	0.13
Max lbs/day all phases	6.07	27.41	75.61	0.03	0.90	0.77	0.13
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.70	2.06	38.46	0.03	0.20	0.07	0.13
Arch Coatings Off-Gas	373.43	-	-	-	-	-	-
Arch Coatings Worker Trips	0.64	0.40	8.61	0.00	0.14	0.01	0.13
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	380.15	27.81	84.22	0.03	1.04	0.78	0.26
Max lbs/day all phases	380.15	27.81	84.22	0.03	1.04	0.78	0.26

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 5 Construction
 Project Name: Township 9 Phase 4 Parcel 5 Construction
 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: July, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 387
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.70	2.06	38.46	0.03	0.20	0.07	0.13
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	6.07	27.41	75.61	0.03	0.90	0.77	0.13
Max lbs/day all phases	6.07	27.41	75.61	0.03	0.90	0.77	0.13
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.70	2.06	38.46	0.03	0.20	0.07	0.13
Arch Coatings Off-Gas	373.43	-	-	-	-	-	-
Arch Coatings Worker Trips	0.64	0.40	8.61	0.00	0.14	0.01	0.13
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	380.15	27.81	84.22	0.03	1.04	0.78	0.26
Max lbs/day all phases	380.15	27.81	84.22	0.03	1.04	0.78	0.26

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 5 Construction
 Project Name: Township 9 Phase 4 Parcel 5 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 387
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.29	1.67	2.45	-	0.05	0.05	0.00
Bldg Const Worker Trips	0.10	0.13	2.41	0.00	0.01	0.00	0.01
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
Total tons/year	0.39	1.80	4.86	0.00	0.06	0.05	0.01
Total all phases tons/yr	0.39	1.80	4.86	0.00	0.06	0.05	0.01
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.48	2.79	4.09	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.18	0.22	4.13	0.00	0.02	0.01	0.01
Arch Coatings Off-Gas	8.22	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.01	0.19	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
Total tons/year	8.89	3.02	8.41	0.00	0.10	0.09	0.01
Total all phases tons/yr	8.89	3.02	8.41	0.00	0.10	0.09	0.01

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012a\Phase 4 Parcel 15 Const
Project Name: Township 9 Phase 4 Parcel 15
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	3.61	19.68	34.80	0.00	0.56	0.54	0.02
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	74.15	19.71	35.84	0.00	0.58	0.54	0.04

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012a\Phase 4 Parcel 15 Const
Project Name: Township 9 Phase 4 Parcel 15
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	3.61	19.68	34.80	0.00	0.56	0.54	0.02
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	74.15	19.71	35.84	0.00	0.58	0.54	0.04

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012a\Phase 4 Parcel 15 Const
Project Name: Township 9 Phase 4 Parcel 15
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (tpy, unmitigated)	0.47	2.60	4.55	0.00	0.07	0.07	0.00
*** 2012 ***							
TOTALS (tpy, unmitigated)	1.70	0.87	1.56	0.00	0.02	0.02	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012a\Phase 4 Parcel 15 Const
 Project Name: Township 9 Phase 4 Parcel 15
 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: January, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 73
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.32	0.60	6.83	0.00	0.03	0.01	0.02
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	3.61	19.68	34.80	0.00	0.56	0.54	0.02
Max lbs/day all phases	3.61	19.68	34.80	0.00	0.56	0.54	0.02
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.32	0.60	6.83	0.00	0.03	0.01	0.02
Arch Coatings Off-Gas	70.44	-	-	-	-	-	-
Arch Coatings Worker Trips	0.11	0.05	1.33	0.00	0.02	0.00	0.02
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	74.15	19.71	35.84	0.00	0.58	0.54	0.04
Max lbs/day all phases	74.15	19.71	35.84	0.00	0.58	0.54	0.04

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012a\Phase 4 Parcel 15 Const
 Project Name: Township 9 Phase 4 Parcel 15
 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: January, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 73
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.32	0.60	6.83	0.00	0.03	0.01	0.02
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	3.61	19.68	34.80	0.00	0.56	0.54	0.02
Max lbs/day all phases	3.61	19.68	34.80	0.00	0.56	0.54	0.02
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.32	0.60	6.83	0.00	0.03	0.01	0.02
Arch Coatings Off-Gas	70.44	-	-	-	-	-	-
Arch Coatings Worker Trips	0.11	0.05	1.33	0.00	0.02	0.00	0.02
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	74.15	19.71	35.84	0.00	0.58	0.54	0.04
Max lbs/day all phases	74.15	19.71	35.84	0.00	0.58	0.54	0.04

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012a\Phase 4 Parcel 15 Const
 Project Name: Township 9 Phase 4 Parcel 15
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 73
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.43	2.52	3.69	-	0.07	0.07	0.00
Bldg Const Worker Trips	0.04	0.08	0.86	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
Total tons/year	0.47	2.60	4.55	0.00	0.07	0.07	0.00
Total all phases tons/yr	0.47	2.60	4.55	0.00	0.07	0.07	0.00
*** 2012***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.14	0.84	1.23	-	0.02	0.02	0.00
Bldg Const Worker Trips	0.01	0.03	0.30	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	1.55	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.03	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
Total tons/year	1.70	0.87	1.56	0.00	0.02	0.02	0.00
Total all phases tons/yr	1.70	0.87	1.56	0.00	0.02	0.02	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 16 Constr
Project Name: Township 9 Phase 4 Parcel 16 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	3.69	19.83	36.49	0.01	0.57	0.54	0.03
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	91.63	19.87	37.79	0.01	0.60	0.54	0.06

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 16 Constr
Project Name: Township 9 Phase 4 Parcel 16 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	3.69	19.83	36.49	0.01	0.57	0.54	0.03
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	91.63	19.87	37.79	0.01	0.60	0.54	0.06

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 16 Constr
Project Name: Township 9 Phase 4 Parcel 16 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (tpy, unmitigated)	0.48	2.62	4.77	0.00	0.07	0.07	0.00
*** 2012 ***							
TOTALS (tpy, unmitigated)	2.09	0.87	1.64	0.00	0.02	0.02	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 16 Construction
 Project Name: Township 9 Phase 4 Parcel 16 Construction
 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: January, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 91
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.40	0.75	8.52	0.01	0.05	0.02	0.03
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	3.69	19.83	36.49	0.01	0.57	0.54	0.03
Max lbs/day all phases	3.69	19.83	36.49	0.01	0.57	0.54	0.03
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.40	0.75	8.52	0.01	0.05	0.02	0.03
Arch Coatings Off-Gas	87.81	-	-	-	-	-	-
Arch Coatings Worker Trips	0.14	0.07	1.66	0.00	0.03	0.00	0.03
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	91.63	19.87	37.79	0.01	0.60	0.54	0.06
Max lbs/day all phases	91.63	19.87	37.79	0.01	0.60	0.54	0.06

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 16 Construction
 Project Name: Township 9 Phase 4 Parcel 16 Construction
 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: January, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 91
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.40	0.75	8.52	0.01	0.05	0.02	0.03
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	3.69	19.83	36.49	0.01	0.57	0.54	0.03
Max lbs/day all phases	3.69	19.83	36.49	0.01	0.57	0.54	0.03
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.40	0.75	8.52	0.01	0.05	0.02	0.03
Arch Coatings Off-Gas	87.81	-	-	-	-	-	-
Arch Coatings Worker Trips	0.14	0.07	1.66	0.00	0.03	0.00	0.03
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	91.63	19.87	37.79	0.01	0.60	0.54	0.06
Max lbs/day all phases	91.63	19.87	37.79	0.01	0.60	0.54	0.06

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 16 Construction
 Project Name: Township 9 Phase 4 Parcel 16 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 91
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.43	2.52	3.69	-	0.07	0.07	0.00
Bldg Const Worker Trips	0.05	0.10	1.08	0.00	0.01	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
Total tons/year	0.48	2.62	4.77	0.00	0.07	0.07	0.00
Total all phases tons/yr	0.48	2.62	4.77	0.00	0.07	0.07	0.00
*** 2012***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.14	0.84	1.23	-	0.02	0.02	0.00
Bldg Const Worker Trips	0.02	0.03	0.37	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	1.93	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.04	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
Total tons/year	2.09	0.87	1.64	0.00	0.02	0.02	0.00
Total all phases tons/yr	2.09	0.87	1.64	0.00	0.02	0.02	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 5 Construction
Project Name: Township 9 Phase 4 Parcel 5 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	6.07	27.41	75.61	0.03	0.90	0.77	0.13
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	380.15	27.81	84.22	0.03	1.04	0.78	0.26

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 5 Construction
Project Name: Township 9 Phase 4 Parcel 5 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (lbs/day,unmitigated)	6.07	27.41	75.61	0.03	0.90	0.77	0.13
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	380.15	27.81	84.22	0.03	1.04	0.78	0.26

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 5 Construction
Project Name: Township 9 Phase 4 Parcel 5 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010 ***							
TOTALS (tpy, unmitigated)	0.39	1.80	4.86	0.00	0.06	0.05	0.01
*** 2011 ***							
TOTALS (tpy, unmitigated)	8.89	3.02	8.41	0.00	0.10	0.09	0.01

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 5 Construction
 Project Name: Township 9 Phase 4 Parcel 5 Construction
 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: July, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 387
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.70	2.06	38.46	0.03	0.20	0.07	0.13
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	6.07	27.41	75.61	0.03	0.90	0.77	0.13
Max lbs/day all phases	6.07	27.41	75.61	0.03	0.90	0.77	0.13
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.70	2.06	38.46	0.03	0.20	0.07	0.13
Arch Coatings Off-Gas	373.43	-	-	-	-	-	-
Arch Coatings Worker Trips	0.64	0.40	8.61	0.00	0.14	0.01	0.13
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	380.15	27.81	84.22	0.03	1.04	0.78	0.26
Max lbs/day all phases	380.15	27.81	84.22	0.03	1.04	0.78	0.26

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 5 Construction
 Project Name: Township 9 Phase 4 Parcel 5 Construction
 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: July, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 387
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.70	2.06	38.46	0.03	0.20	0.07	0.13
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	6.07	27.41	75.61	0.03	0.90	0.77	0.13
Max lbs/day all phases	6.07	27.41	75.61	0.03	0.90	0.77	0.13
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.70	2.06	38.46	0.03	0.20	0.07	0.13
Arch Coatings Off-Gas	373.43	-	-	-	-	-	-
Arch Coatings Worker Trips	0.64	0.40	8.61	0.00	0.14	0.01	0.13
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	380.15	27.81	84.22	0.03	1.04	0.78	0.26
Max lbs/day all phases	380.15	27.81	84.22	0.03	1.04	0.78	0.26

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2010\Phase 4 Parcel 5 Construction
 Project Name: Township 9 Phase 4 Parcel 5 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2010
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 387
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2010***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.29	1.67	2.45	-	0.05	0.05	0.00
Bldg Const Worker Trips	0.10	0.13	2.41	0.00	0.01	0.00	0.01
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
Total tons/year	0.39	1.80	4.86	0.00	0.06	0.05	0.01
Total all phases tons/yr	0.39	1.80	4.86	0.00	0.06	0.05	0.01
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.48	2.79	4.09	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.18	0.22	4.13	0.00	0.02	0.01	0.01
Arch Coatings Off-Gas	8.22	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.01	0.19	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
Total tons/year	8.89	3.02	8.41	0.00	0.10	0.09	0.01
Total all phases tons/yr	8.89	3.02	8.41	0.00	0.10	0.09	0.01

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '10

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '10

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '11

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 13 Constr
Project Name: Township 9 Phase 4 Parcel 13 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	5.23	26.39	56.63	0.01	0.80	0.74	0.06
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	194.68	26.59	60.99	0.01	0.86	0.74	0.12

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 13 Constr
Project Name: Township 9 Phase 4 Parcel 13 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	5.23	26.39	56.63	0.01	0.80	0.74	0.06

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	194.68	26.59	60.99	0.01	0.86	0.74	0.12

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 13 Constr
Project Name: Township 9 Phase 4 Parcel 13 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (tpy, unmitigated)	0.34	1.74	3.67	0.00	0.05	0.05	0.00
*** 2012 ***							
TOTALS (tpy, unmitigated)	4.74	2.90	6.28	0.00	0.09	0.08	0.01

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 13 Construction
 Project Name: Township 9 Phase 4 Parcel 13 Construction
 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: July, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 196
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.86	1.04	19.48	0.01	0.10	0.04	0.06
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	5.23	26.39	56.63	0.01	0.80	0.74	0.06
Max lbs/day all phases	5.23	26.39	56.63	0.01	0.80	0.74	0.06
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.86	1.04	19.48	0.01	0.10	0.04	0.06
Arch Coatings Off-Gas	189.13	-	-	-	-	-	-
Arch Coatings Worker Trips	0.33	0.20	4.36	0.00	0.06	0.00	0.06
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	194.68	26.59	60.99	0.01	0.86	0.74	0.12
Max lbs/day all phases	194.68	26.59	60.99	0.01	0.86	0.74	0.12

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 13 Construction
 Project Name: Township 9 Phase 4 Parcel 13 Construction
 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: July, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 196
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.86	1.04	19.48	0.01	0.10	0.04	0.06
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	5.23	26.39	56.63	0.01	0.80	0.74	0.06
Max lbs/day all phases	5.23	26.39	56.63	0.01	0.80	0.74	0.06
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.86	1.04	19.48	0.01	0.10	0.04	0.06
Arch Coatings Off-Gas	189.13	-	-	-	-	-	-
Arch Coatings Worker Trips	0.33	0.20	4.36	0.00	0.06	0.00	0.06
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	194.68	26.59	60.99	0.01	0.86	0.74	0.12
Max lbs/day all phases	194.68	26.59	60.99	0.01	0.86	0.74	0.12

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 13 Construction
 Project Name: Township 9 Phase 4 Parcel 13 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 196
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.29	1.67	2.45	-	0.05	0.05	0.00
Bldg Const Worker Trips	0.05	0.07	1.22	0.00	0.01	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
Total tons/year	0.34	1.74	3.67	0.00	0.05	0.05	0.00
Total all phases tons/yr	0.34	1.74	3.67	0.00	0.05	0.05	0.00
*** 2012***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.48	2.79	4.09	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.09	0.11	2.09	0.00	0.01	0.00	0.01
Arch Coatings Off-Gas	4.16	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.00	0.10	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
Total tons/year	4.74	2.90	6.28	0.00	0.09	0.08	0.01
Total all phases tons/yr	4.74	2.90	6.28	0.00	0.09	0.08	0.01

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 14 Construction
Project Name: Township 9 Phase 4 Parcel 14 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	5.17	26.32	55.33	0.01	0.79	0.73	0.06
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	182.06	26.51	59.40	0.01	0.85	0.73	0.12

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 14 Constr
Project Name: Township 9 Phase 4 Parcel 14 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	5.17	26.32	55.33	0.01	0.79	0.73	0.06

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	182.06	26.51	59.40	0.01	0.85	0.73	0.12

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 14 Constr
Project Name: Township 9 Phase 4 Parcel 14 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (tpy, unmitigated)	0.34	1.73	3.59	0.00	0.05	0.05	0.00
*** 2012 ***							
TOTALS (tpy, unmitigated)	4.46	2.89	6.13	0.00	0.09	0.08	0.01

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 14 Construction
 Project Name: Township 9 Phase 4 Parcel 14 Construction
 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: July, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 183
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.80	0.97	18.19	0.01	0.10	0.04	0.06
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	5.17	26.32	55.33	0.01	0.79	0.73	0.06
Max lbs/day all phases	5.17	26.32	55.33	0.01	0.79	0.73	0.06
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.80	0.97	18.19	0.01	0.10	0.04	0.06
Arch Coatings Off-Gas	176.58	-	-	-	-	-	-
Arch Coatings Worker Trips	0.30	0.19	4.07	0.00	0.06	0.00	0.06
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	182.06	26.51	59.40	0.01	0.85	0.73	0.12
Max lbs/day all phases	182.06	26.51	59.40	0.01	0.85	0.73	0.12

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 14 Construction
 Project Name: Township 9 Phase 4 Parcel 14 Construction
 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: July, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 183
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.80	0.97	18.19	0.01	0.10	0.04	0.06
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	5.17	26.32	55.33	0.01	0.79	0.73	0.06
Max lbs/day all phases	5.17	26.32	55.33	0.01	0.79	0.73	0.06
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.80	0.97	18.19	0.01	0.10	0.04	0.06
Arch Coatings Off-Gas	176.58	-	-	-	-	-	-
Arch Coatings Worker Trips	0.30	0.19	4.07	0.00	0.06	0.00	0.06
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	182.06	26.51	59.40	0.01	0.85	0.73	0.12
Max lbs/day all phases	182.06	26.51	59.40	0.01	0.85	0.73	0.12

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 14 Construction
 Project Name: Township 9 Phase 4 Parcel 14 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 183
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.29	1.67	2.45	-	0.05	0.05	0.00
Bldg Const Worker Trips	0.05	0.06	1.14	0.00	0.01	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
Total tons/year	0.34	1.73	3.59	0.00	0.05	0.05	0.00
Total all phases tons/yr	0.34	1.73	3.59	0.00	0.05	0.05	0.00
*** 2012***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.48	2.79	4.09	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.09	0.10	1.95	0.00	0.01	0.00	0.01
Arch Coatings Off-Gas	3.88	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.00	0.09	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
Total tons/year	4.46	2.89	6.13	0.00	0.09	0.08	0.01
Total all phases tons/yr	4.46	2.89	6.13	0.00	0.09	0.08	0.01

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012a\Phase 4 Parcel 15 Const
Project Name: Township 9 Phase 4 Parcel 15
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	3.61	19.68	34.80	0.00	0.56	0.54	0.02
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	74.15	19.71	35.84	0.00	0.58	0.54	0.04

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012a\Phase 4 Parcel 15 Const
Project Name: Township 9 Phase 4 Parcel 15
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	3.61	19.68	34.80	0.00	0.56	0.54	0.02
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	74.15	19.71	35.84	0.00	0.58	0.54	0.04

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012a\Phase 4 Parcel 15 Const
Project Name: Township 9 Phase 4 Parcel 15
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (tpy, unmitigated)	0.47	2.60	4.55	0.00	0.07	0.07	0.00
*** 2012 ***							
TOTALS (tpy, unmitigated)	1.70	0.87	1.56	0.00	0.02	0.02	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012a\Phase 4 Parcel 15 Const
 Project Name: Township 9 Phase 4 Parcel 15
 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: January, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 73
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.32	0.60	6.83	0.00	0.03	0.01	0.02
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	3.61	19.68	34.80	0.00	0.56	0.54	0.02
Max lbs/day all phases	3.61	19.68	34.80	0.00	0.56	0.54	0.02
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.32	0.60	6.83	0.00	0.03	0.01	0.02
Arch Coatings Off-Gas	70.44	-	-	-	-	-	-
Arch Coatings Worker Trips	0.11	0.05	1.33	0.00	0.02	0.00	0.02
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	74.15	19.71	35.84	0.00	0.58	0.54	0.04
Max lbs/day all phases	74.15	19.71	35.84	0.00	0.58	0.54	0.04

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012a\Phase 4 Parcel 15 Const
 Project Name: Township 9 Phase 4 Parcel 15
 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: January, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 73
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.32	0.60	6.83	0.00	0.03	0.01	0.02
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	3.61	19.68	34.80	0.00	0.56	0.54	0.02
Max lbs/day all phases	3.61	19.68	34.80	0.00	0.56	0.54	0.02
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.32	0.60	6.83	0.00	0.03	0.01	0.02
Arch Coatings Off-Gas	70.44	-	-	-	-	-	-
Arch Coatings Worker Trips	0.11	0.05	1.33	0.00	0.02	0.00	0.02
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	74.15	19.71	35.84	0.00	0.58	0.54	0.04
Max lbs/day all phases	74.15	19.71	35.84	0.00	0.58	0.54	0.04

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012a\Phase 4 Parcel 15 Const
 Project Name: Township 9 Phase 4 Parcel 15
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 73
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.43	2.52	3.69	-	0.07	0.07	0.00
Bldg Const Worker Trips	0.04	0.08	0.86	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
Total tons/year	0.47	2.60	4.55	0.00	0.07	0.07	0.00
Total all phases tons/yr	0.47	2.60	4.55	0.00	0.07	0.07	0.00
*** 2012***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.14	0.84	1.23	-	0.02	0.02	0.00
Bldg Const Worker Trips	0.01	0.03	0.30	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	1.55	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.03	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
Total tons/year	1.70	0.87	1.56	0.00	0.02	0.02	0.00
Total all phases tons/yr	1.70	0.87	1.56	0.00	0.02	0.02	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 16 Constr
Project Name: Township 9 Phase 4 Parcel 16 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	3.69	19.83	36.49	0.01	0.57	0.54	0.03
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	91.63	19.87	37.79	0.01	0.60	0.54	0.06

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 16 Constr
Project Name: Township 9 Phase 4 Parcel 16 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	3.69	19.83	36.49	0.01	0.57	0.54	0.03
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	91.63	19.87	37.79	0.01	0.60	0.54	0.06

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 16 Constr
Project Name: Township 9 Phase 4 Parcel 16 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (tpy, unmitigated)	0.48	2.62	4.77	0.00	0.07	0.07	0.00
*** 2012 ***							
TOTALS (tpy, unmitigated)	2.09	0.87	1.64	0.00	0.02	0.02	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 16 Construction
 Project Name: Township 9 Phase 4 Parcel 16 Construction
 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: January, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 91
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.40	0.75	8.52	0.01	0.05	0.02	0.03
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	3.69	19.83	36.49	0.01	0.57	0.54	0.03
Max lbs/day all phases	3.69	19.83	36.49	0.01	0.57	0.54	0.03
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.40	0.75	8.52	0.01	0.05	0.02	0.03
Arch Coatings Off-Gas	87.81	-	-	-	-	-	-
Arch Coatings Worker Trips	0.14	0.07	1.66	0.00	0.03	0.00	0.03
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	91.63	19.87	37.79	0.01	0.60	0.54	0.06
Max lbs/day all phases	91.63	19.87	37.79	0.01	0.60	0.54	0.06

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 16 Construction
 Project Name: Township 9 Phase 4 Parcel 16 Construction
 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: January, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 91
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.40	0.75	8.52	0.01	0.05	0.02	0.03
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	3.69	19.83	36.49	0.01	0.57	0.54	0.03
Max lbs/day all phases	3.69	19.83	36.49	0.01	0.57	0.54	0.03
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.40	0.75	8.52	0.01	0.05	0.02	0.03
Arch Coatings Off-Gas	87.81	-	-	-	-	-	-
Arch Coatings Worker Trips	0.14	0.07	1.66	0.00	0.03	0.00	0.03
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	91.63	19.87	37.79	0.01	0.60	0.54	0.06
Max lbs/day all phases	91.63	19.87	37.79	0.01	0.60	0.54	0.06

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 16 Construction
 Project Name: Township 9 Phase 4 Parcel 16 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 91
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.43	2.52	3.69	-	0.07	0.07	0.00
Bldg Const Worker Trips	0.05	0.10	1.08	0.00	0.01	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
Total tons/year	0.48	2.62	4.77	0.00	0.07	0.07	0.00
Total all phases tons/yr	0.48	2.62	4.77	0.00	0.07	0.07	0.00
*** 2012***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.14	0.84	1.23	-	0.02	0.02	0.00
Bldg Const Worker Trips	0.02	0.03	0.37	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	1.93	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.04	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
Total tons/year	2.09	0.87	1.64	0.00	0.02	0.02	0.00
Total all phases tons/yr	2.09	0.87	1.64	0.00	0.02	0.02	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 13 Constr
Project Name: Township 9 Phase 4 Parcel 13 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	5.23	26.39	56.63	0.01	0.80	0.74	0.06
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	194.68	26.59	60.99	0.01	0.86	0.74	0.12

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 13 Constr
Project Name: Township 9 Phase 4 Parcel 13 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	5.23	26.39	56.63	0.01	0.80	0.74	0.06

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	194.68	26.59	60.99	0.01	0.86	0.74	0.12

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 13 Constr
Project Name: Township 9 Phase 4 Parcel 13 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (tpy, unmitigated)	0.34	1.74	3.67	0.00	0.05	0.05	0.00
*** 2012 ***							
TOTALS (tpy, unmitigated)	4.74	2.90	6.28	0.00	0.09	0.08	0.01

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 13 Construction
 Project Name: Township 9 Phase 4 Parcel 13 Construction
 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: July, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 196
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.86	1.04	19.48	0.01	0.10	0.04	0.06
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	5.23	26.39	56.63	0.01	0.80	0.74	0.06
Max lbs/day all phases	5.23	26.39	56.63	0.01	0.80	0.74	0.06
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.86	1.04	19.48	0.01	0.10	0.04	0.06
Arch Coatings Off-Gas	189.13	-	-	-	-	-	-
Arch Coatings Worker Trips	0.33	0.20	4.36	0.00	0.06	0.00	0.06
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	194.68	26.59	60.99	0.01	0.86	0.74	0.12
Max lbs/day all phases	194.68	26.59	60.99	0.01	0.86	0.74	0.12

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 13 Construction
 Project Name: Township 9 Phase 4 Parcel 13 Construction
 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: July, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 196
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.86	1.04	19.48	0.01	0.10	0.04	0.06
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	5.23	26.39	56.63	0.01	0.80	0.74	0.06
Max lbs/day all phases	5.23	26.39	56.63	0.01	0.80	0.74	0.06
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.86	1.04	19.48	0.01	0.10	0.04	0.06
Arch Coatings Off-Gas	189.13	-	-	-	-	-	-
Arch Coatings Worker Trips	0.33	0.20	4.36	0.00	0.06	0.00	0.06
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	194.68	26.59	60.99	0.01	0.86	0.74	0.12
Max lbs/day all phases	194.68	26.59	60.99	0.01	0.86	0.74	0.12

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 13 Construction
 Project Name: Township 9 Phase 4 Parcel 13 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 196
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.29	1.67	2.45	-	0.05	0.05	0.00
Bldg Const Worker Trips	0.05	0.07	1.22	0.00	0.01	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
Total tons/year	0.34	1.74	3.67	0.00	0.05	0.05	0.00
Total all phases tons/yr	0.34	1.74	3.67	0.00	0.05	0.05	0.00
*** 2012***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.48	2.79	4.09	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.09	0.11	2.09	0.00	0.01	0.00	0.01
Arch Coatings Off-Gas	4.16	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.00	0.10	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
Total tons/year	4.74	2.90	6.28	0.00	0.09	0.08	0.01
Total all phases tons/yr	4.74	2.90	6.28	0.00	0.09	0.08	0.01

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 14 Constr
Project Name: Township 9 Phase 4 Parcel 14 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	5.17	26.32	55.33	0.01	0.79	0.73	0.06
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	182.06	26.51	59.40	0.01	0.85	0.73	0.12

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 14 Constr
Project Name: Township 9 Phase 4 Parcel 14 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	5.17	26.32	55.33	0.01	0.79	0.73	0.06
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	182.06	26.51	59.40	0.01	0.85	0.73	0.12

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 14 Constr
Project Name: Township 9 Phase 4 Parcel 14 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (tpy, unmitigated)	0.34	1.73	3.59	0.00	0.05	0.05	0.00
*** 2012 ***							
TOTALS (tpy, unmitigated)	4.46	2.89	6.13	0.00	0.09	0.08	0.01

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 14 Construction
 Project Name: Township 9 Phase 4 Parcel 14 Construction
 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: July, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 183
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.80	0.97	18.19	0.01	0.10	0.04	0.06
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	5.17	26.32	55.33	0.01	0.79	0.73	0.06
Max lbs/day all phases	5.17	26.32	55.33	0.01	0.79	0.73	0.06
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.80	0.97	18.19	0.01	0.10	0.04	0.06
Arch Coatings Off-Gas	176.58	-	-	-	-	-	-
Arch Coatings Worker Trips	0.30	0.19	4.07	0.00	0.06	0.00	0.06
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	182.06	26.51	59.40	0.01	0.85	0.73	0.12
Max lbs/day all phases	182.06	26.51	59.40	0.01	0.85	0.73	0.12

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 14 Construction
 Project Name: Township 9 Phase 4 Parcel 14 Construction
 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: July, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 183
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.80	0.97	18.19	0.01	0.10	0.04	0.06
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	5.17	26.32	55.33	0.01	0.79	0.73	0.06
Max lbs/day all phases	5.17	26.32	55.33	0.01	0.79	0.73	0.06
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.80	0.97	18.19	0.01	0.10	0.04	0.06
Arch Coatings Off-Gas	176.58	-	-	-	-	-	-
Arch Coatings Worker Trips	0.30	0.19	4.07	0.00	0.06	0.00	0.06
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	182.06	26.51	59.40	0.01	0.85	0.73	0.12
Max lbs/day all phases	182.06	26.51	59.40	0.01	0.85	0.73	0.12

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 14 Construction
 Project Name: Township 9 Phase 4 Parcel 14 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 183
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.29	1.67	2.45	-	0.05	0.05	0.00
Bldg Const Worker Trips	0.05	0.06	1.14	0.00	0.01	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
Total tons/year	0.34	1.73	3.59	0.00	0.05	0.05	0.00
Total all phases tons/yr	0.34	1.73	3.59	0.00	0.05	0.05	0.00
*** 2012***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.48	2.79	4.09	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.09	0.10	1.95	0.00	0.01	0.00	0.01
Arch Coatings Off-Gas	3.88	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.00	0.09	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
Total tons/year	4.46	2.89	6.13	0.00	0.09	0.08	0.01
Total all phases tons/yr	4.46	2.89	6.13	0.00	0.09	0.08	0.01

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012a\Phase 4 Parcel 15 Const
Project Name: Township 9 Phase 4 Parcel 15
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	3.61	19.68	34.80	0.00	0.56	0.54	0.02
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	74.15	19.71	35.84	0.00	0.58	0.54	0.04

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012a\Phase 4 Parcel 15 Const
Project Name: Township 9 Phase 4 Parcel 15
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	3.61	19.68	34.80	0.00	0.56	0.54	0.02
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	74.15	19.71	35.84	0.00	0.58	0.54	0.04

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012a\Phase 4 Parcel 15 Const
Project Name: Township 9 Phase 4 Parcel 15
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (tpy, unmitigated)	0.47	2.60	4.55	0.00	0.07	0.07	0.00
*** 2012 ***							
TOTALS (tpy, unmitigated)	1.70	0.87	1.56	0.00	0.02	0.02	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012a\Phase 4 Parcel 15 Const
 Project Name: Township 9 Phase 4 Parcel 15
 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: January, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 73
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.32	0.60	6.83	0.00	0.03	0.01	0.02
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	3.61	19.68	34.80	0.00	0.56	0.54	0.02
Max lbs/day all phases	3.61	19.68	34.80	0.00	0.56	0.54	0.02
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.32	0.60	6.83	0.00	0.03	0.01	0.02
Arch Coatings Off-Gas	70.44	-	-	-	-	-	-
Arch Coatings Worker Trips	0.11	0.05	1.33	0.00	0.02	0.00	0.02
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	74.15	19.71	35.84	0.00	0.58	0.54	0.04
Max lbs/day all phases	74.15	19.71	35.84	0.00	0.58	0.54	0.04

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012a\Phase 4 Parcel 15 Const
 Project Name: Township 9 Phase 4 Parcel 15
 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: January, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 73
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.32	0.60	6.83	0.00	0.03	0.01	0.02
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	3.61	19.68	34.80	0.00	0.56	0.54	0.02
Max lbs/day all phases	3.61	19.68	34.80	0.00	0.56	0.54	0.02
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.32	0.60	6.83	0.00	0.03	0.01	0.02
Arch Coatings Off-Gas	70.44	-	-	-	-	-	-
Arch Coatings Worker Trips	0.11	0.05	1.33	0.00	0.02	0.00	0.02
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	74.15	19.71	35.84	0.00	0.58	0.54	0.04
Max lbs/day all phases	74.15	19.71	35.84	0.00	0.58	0.54	0.04

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012a\Phase 4 Parcel 15 Const
 Project Name: Township 9 Phase 4 Parcel 15
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 73
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.43	2.52	3.69	-	0.07	0.07	0.00
Bldg Const Worker Trips	0.04	0.08	0.86	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
Total tons/year	0.47	2.60	4.55	0.00	0.07	0.07	0.00
Total all phases tons/yr	0.47	2.60	4.55	0.00	0.07	0.07	0.00
*** 2012***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.14	0.84	1.23	-	0.02	0.02	0.00
Bldg Const Worker Trips	0.01	0.03	0.30	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	1.55	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.03	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
Total tons/year	1.70	0.87	1.56	0.00	0.02	0.02	0.00
Total all phases tons/yr	1.70	0.87	1.56	0.00	0.02	0.02	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 16 Constr
Project Name: Township 9 Phase 4 Parcel 16 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	3.69	19.83	36.49	0.01	0.57	0.54	0.03
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	91.63	19.87	37.79	0.01	0.60	0.54	0.06

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 16 Constr
Project Name: Township 9 Phase 4 Parcel 16 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	3.69	19.83	36.49	0.01	0.57	0.54	0.03
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	91.63	19.87	37.79	0.01	0.60	0.54	0.06

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 16 Constr
Project Name: Township 9 Phase 4 Parcel 16 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (tpy, unmitigated)	0.48	2.62	4.77	0.00	0.07	0.07	0.00
*** 2012 ***							
TOTALS (tpy, unmitigated)	2.09	0.87	1.64	0.00	0.02	0.02	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 16 Construction
 Project Name: Township 9 Phase 4 Parcel 16 Construction
 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: January, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 91
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.40	0.75	8.52	0.01	0.05	0.02	0.03
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	3.69	19.83	36.49	0.01	0.57	0.54	0.03
Max lbs/day all phases	3.69	19.83	36.49	0.01	0.57	0.54	0.03
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.40	0.75	8.52	0.01	0.05	0.02	0.03
Arch Coatings Off-Gas	87.81	-	-	-	-	-	-
Arch Coatings Worker Trips	0.14	0.07	1.66	0.00	0.03	0.00	0.03
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	91.63	19.87	37.79	0.01	0.60	0.54	0.06
Max lbs/day all phases	91.63	19.87	37.79	0.01	0.60	0.54	0.06

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 16 Construction
 Project Name: Township 9 Phase 4 Parcel 16 Construction
 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: January, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 91
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.40	0.75	8.52	0.01	0.05	0.02	0.03
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	3.69	19.83	36.49	0.01	0.57	0.54	0.03
Max lbs/day all phases	3.69	19.83	36.49	0.01	0.57	0.54	0.03
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.40	0.75	8.52	0.01	0.05	0.02	0.03
Arch Coatings Off-Gas	87.81	-	-	-	-	-	-
Arch Coatings Worker Trips	0.14	0.07	1.66	0.00	0.03	0.00	0.03
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	91.63	19.87	37.79	0.01	0.60	0.54	0.06
Max lbs/day all phases	91.63	19.87	37.79	0.01	0.60	0.54	0.06

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 16 Construction
 Project Name: Township 9 Phase 4 Parcel 16 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 91
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.43	2.52	3.69	-	0.07	0.07	0.00
Bldg Const Worker Trips	0.05	0.10	1.08	0.00	0.01	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
Total tons/year	0.48	2.62	4.77	0.00	0.07	0.07	0.00
Total all phases tons/yr	0.48	2.62	4.77	0.00	0.07	0.07	0.00
*** 2012***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.14	0.84	1.23	-	0.02	0.02	0.00
Bldg Const Worker Trips	0.02	0.03	0.37	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	1.93	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.04	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
Total tons/year	2.09	0.87	1.64	0.00	0.02	0.02	0.00
Total all phases tons/yr	2.09	0.87	1.64	0.00	0.02	0.02	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 6 Construction
Project Name: Township 9 Phase 4 Parcel 6 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	5.52	26.74	63.19	0.02	0.83	0.75	0.08
*** 2013 ***							
TOTALS (lbs/day,unmitigated)	258.77	27.01	69.02	0.02	0.92	0.76	0.16

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 6 Construction
Project Name: Township 9 Phase 4 Parcel 6 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	5.52	26.74	63.19	0.02	0.83	0.75	0.08
*** 2013 ***							
TOTALS (lbs/day,unmitigated)	258.77	27.01	69.02	0.02	0.92	0.76	0.16

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 6 Construction
Project Name: Township 9 Phase 4 Parcel 6 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012 *** TOTALS (tpy, unmitigated)	0.36	1.76	4.08	0.00	0.06	0.05	0.01
*** 2013 *** TOTALS (tpy, unmitigated)	6.17	2.95	7.02	0.00	0.10	0.09	0.01

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 6 Construction
 Project Name: Township 9 Phase 4 Parcel 6 Construction
 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: July, 2012
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 262
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.15	1.39	26.04	0.02	0.13	0.05	0.08
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	5.52	26.74	63.19	0.02	0.83	0.75	0.08
Max lbs/day all phases	5.52	26.74	63.19	0.02	0.83	0.75	0.08
*** 2013***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.15	1.39	26.04	0.02	0.13	0.05	0.08
Arch Coatings Off-Gas	252.82	-	-	-	-	-	-
Arch Coatings Worker Trips	0.44	0.27	5.83	0.00	0.09	0.01	0.08
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	258.77	27.01	69.02	0.02	0.92	0.76	0.16
Max lbs/day all phases	258.77	27.01	69.02	0.02	0.92	0.76	0.16

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '12

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '12

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '13

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 6 Construction
 Project Name: Township 9 Phase 4 Parcel 6 Construction
 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: July, 2012
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 262
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.15	1.39	26.04	0.02	0.13	0.05	0.08
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	5.52	26.74	63.19	0.02	0.83	0.75	0.08
Max lbs/day all phases	5.52	26.74	63.19	0.02	0.83	0.75	0.08
*** 2013***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.15	1.39	26.04	0.02	0.13	0.05	0.08
Arch Coatings Off-Gas	252.82	-	-	-	-	-	-
Arch Coatings Worker Trips	0.44	0.27	5.83	0.00	0.09	0.01	0.08
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	258.77	27.01	69.02	0.02	0.92	0.76	0.16
Max lbs/day all phases	258.77	27.01	69.02	0.02	0.92	0.76	0.16

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '12

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '12

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '13

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 6 Construction
 Project Name: Township 9 Phase 4 Parcel 6 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2012
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 262
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.29	1.67	2.45	-	0.05	0.05	0.00
Bldg Const Worker Trips	0.07	0.09	1.63	0.00	0.01	0.00	0.01
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
Total tons/year	0.36	1.76	4.08	0.00	0.06	0.05	0.01
Total all phases tons/yr	0.36	1.76	4.08	0.00	0.06	0.05	0.01
*** 2013***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.48	2.79	4.09	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.12	0.15	2.80	0.00	0.01	0.01	0.01
Arch Coatings Off-Gas	5.56	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.01	0.13	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
Total tons/year	6.17	2.95	7.02	0.00	0.10	0.09	0.01
Total all phases tons/yr	6.17	2.95	7.02	0.00	0.10	0.09	0.01

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '12

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '12

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '13

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 13 Constr
Project Name: Township 9 Phase 4 Parcel 13 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	5.23	26.39	56.63	0.01	0.80	0.74	0.06
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	194.68	26.59	60.99	0.01	0.86	0.74	0.12

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 13 Constr
Project Name: Township 9 Phase 4 Parcel 13 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	5.23	26.39	56.63	0.01	0.80	0.74	0.06
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	194.68	26.59	60.99	0.01	0.86	0.74	0.12

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 13 Constr
Project Name: Township 9 Phase 4 Parcel 13 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (tpy, unmitigated)	0.34	1.74	3.67	0.00	0.05	0.05	0.00
*** 2012 ***							
TOTALS (tpy, unmitigated)	4.74	2.90	6.28	0.00	0.09	0.08	0.01

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 13 Construction
 Project Name: Township 9 Phase 4 Parcel 13 Construction
 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: July, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 196
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.86	1.04	19.48	0.01	0.10	0.04	0.06
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	5.23	26.39	56.63	0.01	0.80	0.74	0.06
Max lbs/day all phases	5.23	26.39	56.63	0.01	0.80	0.74	0.06
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.86	1.04	19.48	0.01	0.10	0.04	0.06
Arch Coatings Off-Gas	189.13	-	-	-	-	-	-
Arch Coatings Worker Trips	0.33	0.20	4.36	0.00	0.06	0.00	0.06
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	194.68	26.59	60.99	0.01	0.86	0.74	0.12
Max lbs/day all phases	194.68	26.59	60.99	0.01	0.86	0.74	0.12

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 13 Construction
 Project Name: Township 9 Phase 4 Parcel 13 Construction
 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: July, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 196
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.86	1.04	19.48	0.01	0.10	0.04	0.06
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	5.23	26.39	56.63	0.01	0.80	0.74	0.06
Max lbs/day all phases	5.23	26.39	56.63	0.01	0.80	0.74	0.06
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.86	1.04	19.48	0.01	0.10	0.04	0.06
Arch Coatings Off-Gas	189.13	-	-	-	-	-	-
Arch Coatings Worker Trips	0.33	0.20	4.36	0.00	0.06	0.00	0.06
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	194.68	26.59	60.99	0.01	0.86	0.74	0.12
Max lbs/day all phases	194.68	26.59	60.99	0.01	0.86	0.74	0.12

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 13 Construction
 Project Name: Township 9 Phase 4 Parcel 13 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 196
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.29	1.67	2.45	-	0.05	0.05	0.00
Bldg Const Worker Trips	0.05	0.07	1.22	0.00	0.01	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
Total tons/year	0.34	1.74	3.67	0.00	0.05	0.05	0.00
Total all phases tons/yr	0.34	1.74	3.67	0.00	0.05	0.05	0.00
*** 2012***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.48	2.79	4.09	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.09	0.11	2.09	0.00	0.01	0.00	0.01
Arch Coatings Off-Gas	4.16	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.00	0.10	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
Total tons/year	4.74	2.90	6.28	0.00	0.09	0.08	0.01
Total all phases tons/yr	4.74	2.90	6.28	0.00	0.09	0.08	0.01

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 14 Constr
Project Name: Township 9 Phase 4 Parcel 14 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	5.17	26.32	55.33	0.01	0.79	0.73	0.06
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	182.06	26.51	59.40	0.01	0.85	0.73	0.12

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 14 Constr
Project Name: Township 9 Phase 4 Parcel 14 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (lbs/day,unmitigated)	5.17	26.32	55.33	0.01	0.79	0.73	0.06

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	182.06	26.51	59.40	0.01	0.85	0.73	0.12

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 14 Constr
Project Name: Township 9 Phase 4 Parcel 14 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011 ***							
TOTALS (tpy, unmitigated)	0.34	1.73	3.59	0.00	0.05	0.05	0.00
*** 2012 ***							
TOTALS (tpy, unmitigated)	4.46	2.89	6.13	0.00	0.09	0.08	0.01

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 14 Construction
 Project Name: Township 9 Phase 4 Parcel 14 Construction
 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: July, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 183
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.80	0.97	18.19	0.01	0.10	0.04	0.06
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	5.17	26.32	55.33	0.01	0.79	0.73	0.06
Max lbs/day all phases	5.17	26.32	55.33	0.01	0.79	0.73	0.06
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.80	0.97	18.19	0.01	0.10	0.04	0.06
Arch Coatings Off-Gas	176.58	-	-	-	-	-	-
Arch Coatings Worker Trips	0.30	0.19	4.07	0.00	0.06	0.00	0.06
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	182.06	26.51	59.40	0.01	0.85	0.73	0.12
Max lbs/day all phases	182.06	26.51	59.40	0.01	0.85	0.73	0.12

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 14 Construction
 Project Name: Township 9 Phase 4 Parcel 14 Construction
 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: July, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 183
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.80	0.97	18.19	0.01	0.10	0.04	0.06
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	5.17	26.32	55.33	0.01	0.79	0.73	0.06
Max lbs/day all phases	5.17	26.32	55.33	0.01	0.79	0.73	0.06
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	0.80	0.97	18.19	0.01	0.10	0.04	0.06
Arch Coatings Off-Gas	176.58	-	-	-	-	-	-
Arch Coatings Worker Trips	0.30	0.19	4.07	0.00	0.06	0.00	0.06
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	182.06	26.51	59.40	0.01	0.85	0.73	0.12
Max lbs/day all phases	182.06	26.51	59.40	0.01	0.85	0.73	0.12

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2011\Phase 4 Parcel 14 Construction
 Project Name: Township 9 Phase 4 Parcel 14 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2011
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 183
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2011***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.29	1.67	2.45	-	0.05	0.05	0.00
Bldg Const Worker Trips	0.05	0.06	1.14	0.00	0.01	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
Total tons/year	0.34	1.73	3.59	0.00	0.05	0.05	0.00
Total all phases tons/yr	0.34	1.73	3.59	0.00	0.05	0.05	0.00
*** 2012***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.48	2.79	4.09	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.09	0.10	1.95	0.00	0.01	0.00	0.01
Arch Coatings Off-Gas	3.88	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.00	0.09	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
Total tons/year	4.46	2.89	6.13	0.00	0.09	0.08	0.01
Total all phases tons/yr	4.46	2.89	6.13	0.00	0.09	0.08	0.01

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '11

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '11

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '12

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 17 Constr
Project Name: Township 9 Phase 4 Parcel 17 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	5.37	26.57	59.91	0.02	0.81	0.74	0.07
*** 2013 ***							
TOTALS (lbs/day,unmitigated)	226.72	26.81	65.01	0.02	0.89	0.75	0.14

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 17 Constr
Project Name: Township 9 Phase 4 Parcel 17 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	5.37	26.57	59.91	0.02	0.81	0.74	0.07
*** 2013 ***							
TOTALS (lbs/day,unmitigated)	226.72	26.81	65.01	0.02	0.89	0.75	0.14

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 17 Constr
Project Name: Township 9 Phase 4 Parcel 17 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012 *** TOTALS (tpy, unmitigated)	0.35	1.75	3.88	0.00	0.05	0.05	0.00
*** 2013 *** TOTALS (tpy, unmitigated)	5.46	2.93	6.64	0.00	0.09	0.08	0.01

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 17 Construction
 Project Name: Township 9 Phase 4 Parcel 17 Construction
 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: July, 2012
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 229
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.00	1.22	22.76	0.02	0.11	0.04	0.07
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	5.37	26.57	59.91	0.02	0.81	0.74	0.07
Max lbs/day all phases	5.37	26.57	59.91	0.02	0.81	0.74	0.07
*** 2013***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.00	1.22	22.76	0.02	0.11	0.04	0.07
Arch Coatings Off-Gas	220.97	-	-	-	-	-	-
Arch Coatings Worker Trips	0.38	0.24	5.10	0.00	0.08	0.01	0.07
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	226.72	26.81	65.01	0.02	0.89	0.75	0.14
Max lbs/day all phases	226.72	26.81	65.01	0.02	0.89	0.75	0.14

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '12

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '12

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '13

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 17 Construction
 Project Name: Township 9 Phase 4 Parcel 17 Construction
 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: July, 2012
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 229
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.00	1.22	22.76	0.02	0.11	0.04	0.07
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	5.37	26.57	59.91	0.02	0.81	0.74	0.07
Max lbs/day all phases	5.37	26.57	59.91	0.02	0.81	0.74	0.07
*** 2013***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.00	1.22	22.76	0.02	0.11	0.04	0.07
Arch Coatings Off-Gas	220.97	-	-	-	-	-	-
Arch Coatings Worker Trips	0.38	0.24	5.10	0.00	0.08	0.01	0.07
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	226.72	26.81	65.01	0.02	0.89	0.75	0.14
Max lbs/day all phases	226.72	26.81	65.01	0.02	0.89	0.75	0.14

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '12

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '12

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '13

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 17 Construction
 Project Name: Township 9 Phase 4 Parcel 17 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2012
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 229
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.29	1.67	2.45	-	0.05	0.05	0.00
Bldg Const Worker Trips	0.06	0.08	1.43	0.00	0.01	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
Total tons/year	0.35	1.75	3.88	0.00	0.05	0.05	0.00
Total all phases tons/yr	0.35	1.75	3.88	0.00	0.05	0.05	0.00
*** 2013***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.48	2.79	4.09	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.11	0.13	2.44	0.00	0.01	0.00	0.01
Arch Coatings Off-Gas	4.86	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.01	0.11	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
Total tons/year	5.46	2.93	6.64	0.00	0.09	0.08	0.01
Total all phases tons/yr	5.46	2.93	6.64	0.00	0.09	0.08	0.01

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '12

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '12

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '13

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2013\Phase 4 Parcel 01 Constr
Project Name: Township 9 Phase 4 Parcel 1 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2013 ***							
TOTALS (lbs/day,unmitigated)	6.63	29.55	85.17	0.03	0.97	0.80	0.17
*** 2014 ***							
TOTALS (lbs/day,unmitigated)	502.32	29.76	92.51	0.03	1.15	0.81	0.34

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2013\Phase 4 Parcel 01 Constr
Project Name: Township 9 Phase 4 Parcel 1 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2013 ***							
TOTALS (lbs/day,unmitigated)	6.63	29.55	85.17	0.03	0.97	0.80	0.17
*** 2014 ***							
TOTALS (lbs/day,unmitigated)	502.32	29.76	92.51	0.03	1.15	0.81	0.34

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2013\Phase 4 Parcel 01 Constr
Project Name: Township 9 Phase 4 Parcel 1 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2013 ***							
TOTALS (tpy, unmitigated)	0.86	3.89	10.98	0.00	0.12	0.10	0.02
*** 2014 ***							
TOTALS (tpy, unmitigated)	11.20	1.31	3.93	0.00	0.04	0.03	0.01

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2013\Phase 4 Parcel 01 Construction
 Project Name: Township 9 Phase 4 Parcel 1 Construction
 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: January, 2013
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 513
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2013***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	2.26	4.21	48.02	0.03	0.27	0.10	0.17
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	6.63	29.55	85.17	0.03	0.97	0.80	0.17
Max lbs/day all phases	6.63	29.55	85.17	0.03	0.97	0.80	0.17
*** 2014***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	2.26	4.21	48.02	0.03	0.27	0.10	0.17
Arch Coatings Off-Gas	495.02	-	-	-	-	-	-
Arch Coatings Worker Trips	0.77	0.37	9.38	0.00	0.18	0.01	0.17
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	502.32	29.76	92.51	0.03	1.15	0.81	0.34
Max lbs/day all phases	502.32	29.76	92.51	0.03	1.15	0.81	0.34

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '13

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '13

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '14

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2013\Phase 4 Parcel 01 Construction
 Project Name: Township 9 Phase 4 Parcel 1 Construction
 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: January, 2013
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 513
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2013***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	2.26	4.21	48.02	0.03	0.27	0.10	0.17
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	6.63	29.55	85.17	0.03	0.97	0.80	0.17
Max lbs/day all phases	6.63	29.55	85.17	0.03	0.97	0.80	0.17
*** 2014***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	2.26	4.21	48.02	0.03	0.27	0.10	0.17
Arch Coatings Off-Gas	495.02	-	-	-	-	-	-
Arch Coatings Worker Trips	0.77	0.37	9.38	0.00	0.18	0.01	0.17
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	502.32	29.76	92.51	0.03	1.15	0.81	0.34
Max lbs/day all phases	502.32	29.76	92.51	0.03	1.15	0.81	0.34

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '13

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '13

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '14

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2013\Phase 4 Parcel 01 Construction
 Project Name: Township 9 Phase 4 Parcel 1 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2013
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 513
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2013***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.58	3.35	4.90	-	0.09	0.09	0.00
Bldg Const Worker Trips	0.28	0.54	6.08	0.00	0.03	0.01	0.02
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
Total tons/year	0.86	3.89	10.98	0.00	0.12	0.10	0.02
Total all phases tons/yr	0.86	3.89	10.98	0.00	0.12	0.10	0.02
*** 2014***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.19	1.12	1.63	-	0.03	0.03	0.00
Bldg Const Worker Trips	0.10	0.18	2.09	0.00	0.01	0.00	0.01
Arch Coatings Off-Gas	10.89	-	-	-	-	-	-
Arch Coatings Worker Trips	0.02	0.01	0.21	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
Total tons/year	11.20	1.31	3.93	0.00	0.04	0.03	0.01
Total all phases tons/yr	11.20	1.31	3.93	0.00	0.04	0.03	0.01

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '13

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '13

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '14

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 6 Construction
Project Name: Township 9 Phase 4 Parcel 6 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	5.52	26.74	63.19	0.02	0.83	0.75	0.08
*** 2013 ***							
TOTALS (lbs/day,unmitigated)	258.77	27.01	69.02	0.02	0.92	0.76	0.16

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 6 Construction
Project Name: Township 9 Phase 4 Parcel 6 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	5.52	26.74	63.19	0.02	0.83	0.75	0.08
*** 2013 ***							
TOTALS (lbs/day,unmitigated)	258.77	27.01	69.02	0.02	0.92	0.76	0.16

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 6 Construction
Project Name: Township 9 Phase 4 Parcel 6 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012 *** TOTALS (tpy, unmitigated)	0.36	1.76	4.08	0.00	0.06	0.05	0.01
*** 2013 *** TOTALS (tpy, unmitigated)	6.17	2.95	7.02	0.00	0.10	0.09	0.01

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 6 Construction
 Project Name: Township 9 Phase 4 Parcel 6 Construction
 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: July, 2012
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 262
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.15	1.39	26.04	0.02	0.13	0.05	0.08
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	5.52	26.74	63.19	0.02	0.83	0.75	0.08
Max lbs/day all phases	5.52	26.74	63.19	0.02	0.83	0.75	0.08
*** 2013***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.15	1.39	26.04	0.02	0.13	0.05	0.08
Arch Coatings Off-Gas	252.82	-	-	-	-	-	-
Arch Coatings Worker Trips	0.44	0.27	5.83	0.00	0.09	0.01	0.08
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	258.77	27.01	69.02	0.02	0.92	0.76	0.16
Max lbs/day all phases	258.77	27.01	69.02	0.02	0.92	0.76	0.16

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '12

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '12

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '13

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 6 Construction
 Project Name: Township 9 Phase 4 Parcel 6 Construction
 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: July, 2012
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 262
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.15	1.39	26.04	0.02	0.13	0.05	0.08
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	5.52	26.74	63.19	0.02	0.83	0.75	0.08
Max lbs/day all phases	5.52	26.74	63.19	0.02	0.83	0.75	0.08
*** 2013***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.15	1.39	26.04	0.02	0.13	0.05	0.08
Arch Coatings Off-Gas	252.82	-	-	-	-	-	-
Arch Coatings Worker Trips	0.44	0.27	5.83	0.00	0.09	0.01	0.08
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	258.77	27.01	69.02	0.02	0.92	0.76	0.16
Max lbs/day all phases	258.77	27.01	69.02	0.02	0.92	0.76	0.16

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '12

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '12

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '13

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 6 Construction
 Project Name: Township 9 Phase 4 Parcel 6 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2012
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 262
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.29	1.67	2.45	-	0.05	0.05	0.00
Bldg Const Worker Trips	0.07	0.09	1.63	0.00	0.01	0.00	0.01
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
Total tons/year	0.36	1.76	4.08	0.00	0.06	0.05	0.01
Total all phases tons/yr	0.36	1.76	4.08	0.00	0.06	0.05	0.01
*** 2013***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.48	2.79	4.09	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.12	0.15	2.80	0.00	0.01	0.01	0.01
Arch Coatings Off-Gas	5.56	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.01	0.13	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
Total tons/year	6.17	2.95	7.02	0.00	0.10	0.09	0.01
Total all phases tons/yr	6.17	2.95	7.02	0.00	0.10	0.09	0.01

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '12

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '12

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '13

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 07 Constr
Project Name: Township 9 Phase 4 Parcel 7 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2013 ***							
TOTALS (lbs/day,unmitigated)	3.81	20.05	39.01	0.01	0.59	0.55	0.04
*** 2014 ***							
TOTALS (lbs/day,unmitigated)	117.83	20.09	40.71	0.01	0.63	0.55	0.08

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 07 Constr
Project Name: Township 9 Phase 4 Parcel 7 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2013 ***							
TOTALS (lbs/day,unmitigated)	3.81	20.05	39.01	0.01	0.59	0.55	0.04
*** 2014 ***							
TOTALS (lbs/day,unmitigated)	117.83	20.09	40.71	0.01	0.63	0.55	0.08

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 07 Constr
Project Name: Township 9 Phase 4 Parcel 7 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2013 *** TOTALS (tpy, unmitigated)	0.50	2.64	5.09	0.00	0.08	0.07	0.01
*** 2014 *** TOTALS (tpy, unmitigated)	2.66	0.88	1.76	0.00	0.02	0.02	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 07 Construction
 Project Name: Township 9 Phase 4 Parcel 7 Construction
 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: January, 2013
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 118
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2013***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.52	0.97	11.05	0.01	0.06	0.02	0.04
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	3.81	20.05	39.01	0.01	0.59	0.55	0.04
Max lbs/day all phases	3.81	20.05	39.01	0.01	0.59	0.55	0.04
*** 2014***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.52	0.97	11.05	0.01	0.06	0.02	0.04
Arch Coatings Off-Gas	113.86	-	-	-	-	-	-
Arch Coatings Worker Trips	0.18	0.08	2.16	0.00	0.04	0.00	0.04
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	117.83	20.09	40.71	0.01	0.63	0.55	0.08
Max lbs/day all phases	117.83	20.09	40.71	0.01	0.63	0.55	0.08

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '13

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '13

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '14

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 07 Construction
 Project Name: Township 9 Phase 4 Parcel 7 Construction
 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: January, 2013
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 118
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2013***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.52	0.97	11.05	0.01	0.06	0.02	0.04
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	3.81	20.05	39.01	0.01	0.59	0.55	0.04
Max lbs/day all phases	3.81	20.05	39.01	0.01	0.59	0.55	0.04
*** 2014***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.52	0.97	11.05	0.01	0.06	0.02	0.04
Arch Coatings Off-Gas	113.86	-	-	-	-	-	-
Arch Coatings Worker Trips	0.18	0.08	2.16	0.00	0.04	0.00	0.04
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	117.83	20.09	40.71	0.01	0.63	0.55	0.08
Max lbs/day all phases	117.83	20.09	40.71	0.01	0.63	0.55	0.08

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '13

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '13

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '14

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 07 Constr
 Project Name: Township 9 Phase 4 Parcel 7 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2013
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 118
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2013***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.43	2.52	3.69	-	0.07	0.07	0.00
Bldg Const Worker Trips	0.07	0.12	1.40	0.00	0.01	0.00	0.01
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
Total tons/year	0.50	2.64	5.09	0.00	0.08	0.07	0.01
Total all phases tons/yr	0.50	2.64	5.09	0.00	0.08	0.07	0.01
*** 2014***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.14	0.84	1.23	-	0.02	0.02	0.00
Bldg Const Worker Trips	0.02	0.04	0.48	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	2.50	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.05	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
Total tons/year	2.66	0.88	1.76	0.00	0.02	0.02	0.00
Total all phases tons/yr	2.66	0.88	1.76	0.00	0.02	0.02	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '13

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '13

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '14

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2013\Phase 4 Parcel 08 Constr
Project Name: Township 9 Phase 4 Parcel 8 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2013 ***							
TOTALS (lbs/day,unmitigated)	3.67	19.79	36.02	0.01	0.57	0.54	0.03
*** 2014 ***							
TOTALS (lbs/day,unmitigated)	86.76	19.82	37.25	0.01	0.60	0.54	0.06

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2013\Phase 4 Parcel 08 Constr
Project Name: Township 9 Phase 4 Parcel 8 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2013 ***							
TOTALS (lbs/day,unmitigated)	3.67	19.79	36.02	0.01	0.57	0.54	0.03
*** 2014 ***							
TOTALS (lbs/day,unmitigated)	86.76	19.82	37.25	0.01	0.60	0.54	0.06

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2013\Phase 4 Parcel 08 Constr
Project Name: Township 9 Phase 4 Parcel 8 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2013 ***							
TOTALS (tpy, unmitigated)	0.48	2.61	4.71	0.00	0.07	0.07	0.00
*** 2014 ***							
TOTALS (tpy, unmitigated)	1.99	0.87	1.61	0.00	0.02	0.02	0.00

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2013\Phase 4 Parcel 08 Construction
 Project Name: Township 9 Phase 4 Parcel 8 Construction
 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: January, 2013
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 86
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2013***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.38	0.71	8.05	0.01	0.05	0.02	0.03
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	3.67	19.79	36.02	0.01	0.57	0.54	0.03
Max lbs/day all phases	3.67	19.79	36.02	0.01	0.57	0.54	0.03
*** 2014***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.38	0.71	8.05	0.01	0.05	0.02	0.03
Arch Coatings Off-Gas	82.99	-	-	-	-	-	-
Arch Coatings Worker Trips	0.13	0.06	1.57	0.00	0.03	0.00	0.03
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	86.76	19.82	37.25	0.01	0.60	0.54	0.06
Max lbs/day all phases	86.76	19.82	37.25	0.01	0.60	0.54	0.06

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '13

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '13

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '14

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2013\Phase 4 Parcel 08 Constr
 Project Name: Township 9 Phase 4 Parcel 8 Construction
 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: January, 2013
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 86
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2013***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.38	0.71	8.05	0.01	0.05	0.02	0.03
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	3.67	19.79	36.02	0.01	0.57	0.54	0.03
Max lbs/day all phases	3.67	19.79	36.02	0.01	0.57	0.54	0.03
*** 2014***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	3.29	19.08	27.97	-	0.53	0.53	0.00
Bldg Const Worker Trips	0.38	0.71	8.05	0.01	0.05	0.02	0.03
Arch Coatings Off-Gas	82.99	-	-	-	-	-	-
Arch Coatings Worker Trips	0.13	0.06	1.57	0.00	0.03	0.00	0.03
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	86.76	19.82	37.25	0.01	0.60	0.54	0.06
Max lbs/day all phases	86.76	19.82	37.25	0.01	0.60	0.54	0.06

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '13

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '13

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '14

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2013\Phase 4 Parcel 08 Constr
 Project Name: Township 9 Phase 4 Parcel 8 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: January, 2013
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 86
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2013***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.43	2.52	3.69	-	0.07	0.07	0.00
Bldg Const Worker Trips	0.05	0.09	1.02	0.00	0.01	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
Total tons/year	0.48	2.61	4.71	0.00	0.07	0.07	0.00
Total all phases tons/yr	0.48	2.61	4.71	0.00	0.07	0.07	0.00
*** 2014***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.14	0.84	1.23	-	0.02	0.02	0.00
Bldg Const Worker Trips	0.02	0.03	0.35	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	1.83	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.03	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
Total tons/year	1.99	0.87	1.61	0.00	0.02	0.02	0.00
Total all phases tons/yr	1.99	0.87	1.61	0.00	0.02	0.02	0.00

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jan '13

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jan '13

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Apr '14

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 17 Constr
Project Name: Township 9 Phase 4 Parcel 17 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	5.37	26.57	59.91	0.02	0.81	0.74	0.07
*** 2013 ***							
TOTALS (lbs/day,unmitigated)	226.72	26.81	65.01	0.02	0.89	0.75	0.14

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 17 Constr
Project Name: Township 9 Phase 4 Parcel 17 Construction
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

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012 ***							
TOTALS (lbs/day,unmitigated)	5.37	26.57	59.91	0.02	0.81	0.74	0.07
*** 2013 ***							
TOTALS (lbs/day,unmitigated)	226.72	26.81	65.01	0.02	0.89	0.75	0.14

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 17 Constr
Project Name: Township 9 Phase 4 Parcel 17 Construction
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012 ***							
TOTALS (tpy, unmitigated)	0.35	1.75	3.88	0.00	0.05	0.05	0.00
*** 2013 ***							
TOTALS (tpy, unmitigated)	5.46	2.93	6.64	0.00	0.09	0.08	0.01

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 17 Construction
 Project Name: Township 9 Phase 4 Parcel 17 Construction
 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: July, 2012
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 229
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.00	1.22	22.76	0.02	0.11	0.04	0.07
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	5.37	26.57	59.91	0.02	0.81	0.74	0.07
Max lbs/day all phases	5.37	26.57	59.91	0.02	0.81	0.74	0.07
*** 2013***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.00	1.22	22.76	0.02	0.11	0.04	0.07
Arch Coatings Off-Gas	220.97	-	-	-	-	-	-
Arch Coatings Worker Trips	0.38	0.24	5.10	0.00	0.08	0.01	0.07
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	226.72	26.81	65.01	0.02	0.89	0.75	0.14
Max lbs/day all phases	226.72	26.81	65.01	0.02	0.89	0.75	0.14

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '12

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '12

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '13

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 17 Construction
 Project Name: Township 9 Phase 4 Parcel 17 Construction
 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: July, 2012
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 229
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.00	1.22	22.76	0.02	0.11	0.04	0.07
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	5.37	26.57	59.91	0.02	0.81	0.74	0.07
Max lbs/day all phases	5.37	26.57	59.91	0.02	0.81	0.74	0.07
*** 2013***							
Phase 1 - Demolition Emissions							
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 Emissions							
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 Construction							
Bldg Const Off-Road Diesel	4.37	25.35	37.15	-	0.70	0.70	0.00
Bldg Const Worker Trips	1.00	1.22	22.76	0.02	0.11	0.04	0.07
Arch Coatings Off-Gas	220.97	-	-	-	-	-	-
Arch Coatings Worker Trips	0.38	0.24	5.10	0.00	0.08	0.01	0.07
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	226.72	26.81	65.01	0.02	0.89	0.75	0.14
Max lbs/day all phases	226.72	26.81	65.01	0.02	0.89	0.75	0.14

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '12

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '12

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '13

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Documents and Settings\21504\My Documents\D51214.01 Township 9\2012\Phase 4 Parcel 17 Construction
 Project Name: Township 9 Phase 4 Parcel 17 Construction
 Project Location: Lower Sacramento Valley Air Basin
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Tons/Year)

Construction Start Month and Year: July, 2012
 Construction Duration: 18
 Total Land Use Area to be Developed: 0 acres
 Maximum Acreage Disturbed Per Day: 0 acres
 Single Family Units: 0 Multi-Family Units: 229
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (tons/year)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2012***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.29	1.67	2.45	-	0.05	0.05	0.00
Bldg Const Worker Trips	0.06	0.08	1.43	0.00	0.01	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
Total tons/year	0.35	1.75	3.88	0.00	0.05	0.05	0.00
Total all phases tons/yr	0.35	1.75	3.88	0.00	0.05	0.05	0.00
*** 2013***							
Phase 1 - Demolition Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
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
Total tons/year	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.48	2.79	4.09	-	0.08	0.08	0.00
Bldg Const Worker Trips	0.11	0.13	2.44	0.00	0.01	0.00	0.01
Arch Coatings Off-Gas	4.86	-	-	-	-	-	-
Arch Coatings Worker Trips	0.01	0.01	0.11	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
Total tons/year	5.46	2.93	6.64	0.00	0.09	0.08	0.01
Total all phases tons/yr	5.46	2.93	6.64	0.00	0.09	0.08	0.01

Phase 2 - Site Grading Assumptions: Phase Turned OFF

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '12

Phase 3 Duration: 18 months

Start Month/Year for SubPhase Building: Jul '12

SubPhase Building Duration: 16 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Cranes	190	0.430	6.0
1	Off Highway Trucks	417	0.490	6.0
1	Rough Terrain Forklifts	94	0.475	6.0

Start Month/Year for SubPhase Architectural Coatings: Oct '13

SubPhase Architectural Coatings Duration: 2 months

SubPhase Asphalt Turned OFF

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

**Emissions Modeling Outputs for
Reduced Height / Reduced Density
Alternative**

URBEMIS 2002 For Windows 8.7.0

File Name: U:\URBEMIS 2002 Version 8.7\Projects2k2\T9 Operational Scen A Red Alt Rev II.urb
Project Name: Township 9 Operational Scenario A Rev II
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES					
	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	139.84	27.61	13.66	0.00	0.06
OPERATIONAL (VEHICLE) EMISSION ESTIMATES					
	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	131.10	142.07	1,414.12	0.89	153.12
SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES					
	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	270.93	169.68	1,427.78	0.89	153.17

URBEMIS 2002 For Windows 8.7.0

File Name: U:\URBEMIS 2002 Version 8.7\Projects2k2\T9 Operational Scen A Red Alt Rev II.urb
Project Name: Township 9 Operational Scenario A Rev II
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES					
	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	140.32	39.13	17.24	0.07	0.98
OPERATIONAL (VEHICLE) EMISSION ESTIMATES					
	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	134.09	213.11	1,631.61	0.89	153.12
SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES					
	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	274.41	252.24	1,648.85	0.96	154.10

URBEMIS 2002 For Windows 8.7.0

File Name: U:\URBEMIS 2002 Version 8.7\Projects2k2\T9 Operational Scen A Red Alt Rev II.urb
Project Name: Township 9 Operational Scenario A Rev II
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES (Winter Pounds per Day, Unmitigated)					
Source	ROG	NOx	CO	SO2	PM10
Natural Gas	2.13	27.61	12.33	0	0.05
Hearth	0.67	11.52	4.90	0.07	0.93
Landscaping - No winter emissions					
Consumer Prdcts	101.96	-	-	-	-
Architectural Coatings	35.56	-	-	-	-
TOTALS (lbs/day, unmitigated)	140.32	39.13	17.24	0.07	0.98

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse general	75.58	121.06	926.58	0.51	87.72
Strip mall	58.51	92.05	705.03	0.38	65.40
TOTAL EMISSIONS (lbs/day)	134.09	213.11	1,631.61	0.89	153.12

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

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2009 Temperature (F): 40 Season: Winter

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse general	130.25	4.76 trips/dwelling unit	2,084.00	9,919.84
Strip mall		64.54 trips/1000 sq. ft.	146.19	9,435.36
Sum of Total Trips				19,355.20
Total Vehicle Miles Traveled				100,842.11

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.90	1.30	98.40	0.30
Light Truck < 3,750 lbs	15.10	2.60	95.40	2.00
Light Truck 3,751- 5,750	16.10	1.20	98.10	0.70
Med Truck 5,751- 8,500	7.30	1.40	95.90	2.70
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.90	0.00	11.10	88.90
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	75.00	25.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.40	7.10	85.70	7.20

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	9.7	3.8	4.6	7.8	4.5	4.5
Rural Trip Length (miles)	16.8	7.1	7.9	14.7	6.6	6.6
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Strip mall				2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse general have changed from the defaults 6.9/130.25 to 4.76/130.25

Changes made to the default values for Area

The natural gas residential percentage changed from 60 to 100.
The wood stove percentage changed from 35 to 0.
The wood fireplace percentage changed from 10 to 0.
The natural gas fireplace percentage changed from 55 to 100.
The landscape year changed from 2005 to 2009.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2009.

URBEMIS 2002 For Windows 8.7.0

File Name: U:\URBEMIS 2002 Version 8.7\Projects2k2\T9 Operational Scen A Red Alt Rev II.urb
Project Name: Township 9 Operational Scenario A Rev II
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)					
Source	ROG	NOx	CO	SO2	PM10
Natural Gas	2.13	27.61	12.33	0	0.05
Hearth - No summer emissions					
Landscaping	0.19	0.01	1.32	0.00	0.00
Consumer Prdcts	101.96	-	-	-	-
Architectural Coatings	35.56	-	-	-	-
TOTALS (lbs/day, unmitigated)	139.84	27.61	13.66	0.00	0.06

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse general	84.76	80.51	823.61	0.52	87.72
Strip mall	46.33	61.56	590.51	0.38	65.40
TOTAL EMISSIONS (lbs/day)	131.10	142.07	1,414.12	0.89	153.12

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

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2009 Temperature (F): 85 Season: Summer

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse general	130.25	4.76 trips/dwelling unit	2,084.00	9,919.84
Strip mall		64.54 trips/1000 sq. ft.	146.19	9,435.36
Sum of Total Trips				19,355.20
Total Vehicle Miles Traveled				100,842.11

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.90	1.30	98.40	0.30
Light Truck < 3,750 lbs	15.10	2.60	95.40	2.00
Light Truck 3,751- 5,750	16.10	1.20	98.10	0.70
Med Truck 5,751- 8,500	7.30	1.40	95.90	2.70
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.90	0.00	11.10	88.90
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	75.00	25.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.40	7.10	85.70	7.20

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	9.7	3.8	4.6	7.8	4.5	4.5
Rural Trip Length (miles)	16.8	7.1	7.9	14.7	6.6	6.6
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Strip mall				2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse general have changed from the defaults 6.9/130.25 to 4.76/130.25

Changes made to the default values for Area

The natural gas residential percentage changed from 60 to 100.
The wood stove percentage changed from 35 to 0.
The wood fireplace percentage changed from 10 to 0.
The natural gas fireplace percentage changed from 55 to 100.
The landscape year changed from 2005 to 2009.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2009.

URBEMIS 2002 For Windows 8.7.0

File Name: U:\URBEMIS 2002 Version 8.7\Projects2k2\T9 Operational Scen B Red Alt Rev II.urb
Project Name: Township 9 Operational Scenario B Red Rev II
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES					
	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	129.08	27.56	15.72	0.00	0.06
OPERATIONAL (VEHICLE) EMISSION ESTIMATES					
	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	154.13	170.16	1,698.04	1.07	184.08
SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES					
	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	283.20	197.72	1,713.76	1.08	184.13

URBEMIS 2002 For Windows 8.7.0

File Name: U:\URBEMIS 2002 Version 8.7\Projects2k2\T9 Operational Scen B Red Alt Rev II.urb
Project Name: Township 9 Operational Scenario B Red Rev II
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES					
	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	129.37	37.54	17.99	0.06	0.86
OPERATIONAL (VEHICLE) EMISSION ESTIMATES					
	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	159.41	255.40	1,944.89	1.07	184.08
SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES					
	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	288.78	292.94	1,962.88	1.13	184.94

URBEMIS 2002 For Windows 8.7.0

File Name: U:\URBEMIS 2002 Version 8.7\Projects2k2\T9 Operational Scen B Red Alt Rev II.urb
Project Name: Township 9 Operational Scenario B Red Rev II
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES (Winter Pounds per Day, Unmitigated)					
Source	ROG	NOx	CO	SO2	PM10
Natural Gas	2.11	27.55	13.74	0	0.05
Hearth	0.58	9.99	4.25	0.06	0.81
Landscaping - No winter emissions					
Consumer Prdcts	88.36	-	-	-	-
Architectural Coatings	38.33	-	-	-	-
TOTALS (lbs/day, unmitigated)	129.37	37.54	17.99	0.06	0.86

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse general	68.66	109.98	841.78	0.46	79.69
Strip mall	58.51	92.05	705.03	0.38	65.40
Office park	32.24	53.37	398.09	0.23	38.99
TOTAL EMISSIONS (lbs/day)	159.41	255.40	1,944.89	1.07	184.08

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

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2009 Temperature (F): 40 Season: Winter

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse general	112.88	4.99 trips/dwelling unit	1,806.00	9,011.94
Strip mall		64.54 trips/1000 sq. ft.	146.19	9,435.36
Office park		8.18 trips/1000 sq. ft.	515.99	4,220.81
Sum of Total Trips				22,668.12
Total Vehicle Miles Traveled				121,235.12

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent	Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.90		1.30	98.40	0.30
Light Truck < 3,750 lbs	15.10		2.60	95.40	2.00
Light Truck 3,751- 5,750	16.10		1.20	98.10	0.70
Med Truck 5,751- 8,500	7.30		1.40	95.90	2.70
Lite-Heavy 8,501-10,000	1.10		0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30		0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00		0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.90		0.00	11.10	88.90
Line Haul > 60,000 lbs	0.00		0.00	0.00	100.00
Urban Bus	0.20		0.00	50.00	50.00
Motorcycle	1.60		75.00	25.00	0.00
School Bus	0.10		0.00	0.00	100.00
Motor Home	1.40		7.10	85.70	7.20

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	9.7	3.8	4.6	7.8	4.5	4.5
Rural Trip Length (miles)	16.8	7.1	7.9	14.7	6.6	6.6
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Strip mall				2.0	1.0	97.0
Office park				48.0	24.0	28.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse general have changed from the defaults 6.9/112.88 to 4.99/112.88

Changes made to the default values for Area

The natural gas residential percentage changed from 60 to 100.
The wood stove percentage changed from 35 to 0.
The wood fireplace percentage changed from 10 to 0.
The natural gas fireplace percentage changed from 55 to 100.
The landscape year changed from 2005 to 2009.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2009.

URBEMIS 2002 For Windows 8.7.0

File Name: U:\URBEMIS 2002 Version 8.7\Projects2k2\T9 Operational Scen B Red Alt Rev II.urb
Project Name: Township 9 Operational Scenario B Red Rev II
Project Location: Lower Sacramento Valley Air Basin
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)					
Source	ROG	NOx	CO	SO2	PM10
Natural Gas	2.11	27.55	13.74	0	0.05
Hearth - No summer emissions					
Landscaping	0.29	0.01	1.98	0.00	0.00
Consumer Prdcts	88.36	-	-	-	-
Architectural Coatings	38.33	-	-	-	-
TOTALS (lbs/day, unmitigated)	129.08	27.56	15.72	0.00	0.06

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse general	75.98	73.14	748.23	0.47	79.69
Strip mall	46.33	61.56	590.51	0.38	65.40
Office park	31.81	35.46	359.30	0.23	38.99
TOTAL EMISSIONS (lbs/day)	154.13	170.16	1,698.04	1.07	184.08

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

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2009 Temperature (F): 85 Season: Summer

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse general	112.88	4.99 trips/dwelling unit	1,806.00	9,011.94
Strip mall		64.54 trips/1000 sq. ft.	146.19	9,435.36
Office park		8.18 trips/1000 sq. ft.	515.99	4,220.81
Sum of Total Trips				22,668.12
Total Vehicle Miles Traveled				121,235.12

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent	Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.90		1.30	98.40	0.30
Light Truck < 3,750 lbs	15.10		2.60	95.40	2.00
Light Truck 3,751- 5,750	16.10		1.20	98.10	0.70
Med Truck 5,751- 8,500	7.30		1.40	95.90	2.70
Lite-Heavy 8,501-10,000	1.10		0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30		0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00		0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.90		0.00	11.10	88.90
Line Haul > 60,000 lbs	0.00		0.00	0.00	100.00
Urban Bus	0.20		0.00	50.00	50.00
Motorcycle	1.60		75.00	25.00	0.00
School Bus	0.10		0.00	0.00	100.00
Motor Home	1.40		7.10	85.70	7.20

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	9.7	3.8	4.6	7.8	4.5	4.5
Rural Trip Length (miles)	16.8	7.1	7.9	14.7	6.6	6.6
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Strip mall				2.0	1.0	97.0
Office park				48.0	24.0	28.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse general have changed from the defaults 6.9/112.88 to 4.99/112.88

Changes made to the default values for Area

The natural gas residential percentage changed from 60 to 100.
The wood stove percentage changed from 35 to 0.
The wood fireplace percentage changed from 10 to 0.
The natural gas fireplace percentage changed from 55 to 100.
The landscape year changed from 2005 to 2009.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2009.