

**Air quality analysis assumptions:**

Length of construction: 14 months

Start time: September 2006

Phase 1: not analyzed (no demolition work proposed).

Phase 2: 1.5 months (site grading)

Phase 3: 12.5 months (building construction)

Defaults used to establish construction time.

Total acres paved: 19 acres.

Total acres paved per day: 6 acres.

Defaults used to estimate fugitive dust (10 lbs/day)

Soil import: 50,000 cy

Asphalt: 10 acres.

Analysis year: 2007.

Trip rate: 9.78 trips/du.

Number of acres to be paved:

Length of Construction Phase (Months)	
Demolition	
Site grading	19 AC
Construction	
Painting	
Asphalt	

50,000 CY

Number and level of use of equipment:

Type of Equipment	Site Grading			Construction			Asphalt Paving		
	Diesel?	HP	Peak Hrs/Day	Diesel?	HP	Peak Hrs/Day	Diesel?	HP	Peak Hrs/Day
Scrapers	5	490	8 HRS 10 DAYS	2	365	8 HRS 25 DAYS			
Surfacing equipment									
Tractors	3	580	8 HRS 10 DAYS						
Loaders				2	183	8 HRS 50 DAYS			
Backhoes				2	98	8 HRS 75 DAYS	2	98	8 HRS 15 DAY
Trenchers									
Crushing/processing equipment									
Graders	2	220	8 HRS 10 DAYS	2	220	8 HRS 25 DAYS	1	220	8 HRS 15 DAY
Excavators	1			4	300	8 HRS 50 DAYS			
Off-Highway Tractors									
Off-Highway Trucks									
Pavers									
Rollers	2	339	8 HRS 10 DAYS	2	200	8 HRS 75 DAYS	3	179	9 HRS 15 DAY
Dozers				2	305	8 HRS 15 DAYS			
Forklifts									
Other (please specify) WATER TRUCK	3	200	8 HRS 10 DAY	2	200	8 HRS 75 DAYS			

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002 Version  
8.7\Projects2k2\American Vineyard Village.urb  
Project Name: American Vineyard Village  
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

PM10 *** 2006 ***	PM10 ***	ROG	NOx	CO	S02	PM10 TOTAL
EXHAUST	DUST					
TOTALS (lbs/day, unmitigated)		34.71	264.19	276.14	0.63	70.89
10.71	60.18					

PM10 *** 2007 ***	PM10 ***	ROG	NOx	CO	S02	PM10 TOTAL
EXHAUST	DUST					
TOTALS (lbs/day, unmitigated)		591.68	270.57	339.63	0.01	10.69
10.48	0.21					

AREA SOURCE EMISSION ESTIMATES

TOTALS (lbs/day, unmitigated)	ROG	NOx	CO	S02	PM10
	14.32	2.04	6.46	0.06	0.02

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

TOTALS (lbs/day, unmitigated)	ROG	NOx	CO	S02	PM10
	13.36	14.98	153.00	0.08	13.93

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

TOTALS (lbs/day, unmitigated)	ROG	NOx	CO	S02	PM10
	27.67	17.02	159.46	0.14	13.96

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002 Version  
8.7\Projects2k2\American Vineyard Village.urb  
Project Name: American Vineyard Village  
Project Location: Lower Sacramento Valley Air Basin  
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

American Vineyard AQ.txt

SUMMARY REPORT  
(Pounds/Day - Winter)

CONSTRUCTION EMISSION ESTIMATES

PM10 *** 2006 ***	PM10 ***	ROG	NOx	CO	S02	PM10 TOTAL
EXHAUST	DUST					
TOTALS (lbs/day, unmitigated)		34.71	264.19	276.14	0.63	70.89
10.71	60.18					

PM10 *** 2007 ***	PM10 ***	ROG	NOx	CO	S02	PM10 TOTAL
EXHAUST	DUST					
TOTALS (lbs/day, unmitigated)		591.68	270.57	339.63	0.01	10.69
10.48	0.21					

AREA SOURCE EMISSION ESTIMATES

TOTALS (lbs/day, unmitigated)	ROG	NOx	CO	S02	PM10
	104.90	5.18	168.00	0.40	24.92

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

TOTALS (lbs/day, unmitigated)	ROG	NOx	CO	S02	PM10
	14.15	22.57	172.22	0.08	13.93

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

TOTALS (lbs/day, unmitigated)	ROG	NOx	CO	S02	PM10
	119.05	27.75	340.23	0.48	38.85

Page: 3  
02/09/2006 3:31 PM

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002 Version  
8.7\Projects2k2\American Vineyard Village.urb  
Project Name: American Vineyard Village  
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: September, 2006  
Construction Duration: 14  
Total Land Use Area to be Developed: 19 acres  
Maximum Acreage Disturbed Per Day: 6 acres  
Single Family Units: 161 Multi-Family Units: 0  
Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)  
Page 2

American Vi neyard AQ. txt

PM10 Source	ROG	NOx	CO	S02	PM10 TOTAL	PM10
EXHAUST DUST *** 2006***						
Phase 1 - Demol i ti on Emi ssi ons						
Fugi ti ve Dust	-	-	-	-	0.00	
- 0.00						
Off-Road Di esel	0.00	0.00	0.00	-	0.00	
0.00 0.00						
On-Road Di esel	0.00	0.00	0.00	0.00	0.00	
0.00 0.00						
Worker Tri ps	0.00	0.00	0.00	0.00	0.00	
0.00 0.00						
Maxi mum lbs/day	0.00	0.00	0.00	0.00	0.00	
0.00 0.00						
Phase 2 - Si te Gradi ng Emi ssi ons						
Fugi ti ve Dust	-	-	-	-	60.00	
- 60.00						
Off-Road Di esel	31.62	220.72	250.79	-	9.78	
9.78 0.00						
On-Road Di esel	2.16	43.06	7.96	0.63	1.08	
0.92 0.16						
Worker Tri ps	0.34	0.41	7.25	0.00	0.03	
0.01 0.02						
Maxi mum lbs/day	34.12	264.19	266.00	0.63	70.89	
10.71 60.18						
Phase 3 - Bui l di ng Constructi on						
Bl dg Const Off-Road Di esel	33.95	237.98	266.50	-	10.08	
10.08 0.00						
Bl dg Const Worker Tri ps	0.76	0.46	9.64	0.00	0.11	
0.01 0.10						
Arch Coati ngs Off-Gas	0.00	-	-	-	-	
- -						
Arch Coati ngs Worker Tri ps	0.00	0.00	0.00	0.00	0.00	
0.00 0.00						
Asphal t Off-Gas	0.00	-	-	-	-	
- -						
Asphal t Off-Road Di esel	0.00	0.00	0.00	-	0.00	
0.00 0.00						
Asphal t On-Road Di esel	0.00	0.00	0.00	0.00	0.00	
0.00 0.00						
Asphal t Worker Tri ps	0.00	0.00	0.00	0.00	0.00	
0.00 0.00						
Maxi mum lbs/day	34.71	238.44	276.14	0.00	10.19	
10.09 0.10						
Max lbs/day all phases	34.71	264.19	276.14	0.63	70.89	
10.71 60.18						
*** 2007***						
Phase 1 - Demol i ti on Emi ssi ons						
Fugi ti ve Dust	-	-	-	-	0.00	
- 0.00						
Off-Road Di esel	0.00	0.00	0.00	-	0.00	
0.00 0.00						
On-Road Di esel	0.00	0.00	0.00	0.00	0.00	
0.00 0.00						
Worker Tri ps	0.00	0.00	0.00	0.00	0.00	
0.00 0.00						

		American Vi neyard AQ. txt				
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		33.95	227.41	273.13	-	8.99
8.99	0.00					
Bldg Const Worker Trips		0.70	0.43	9.06	0.00	0.11
0.01	0.10					
Arch Coatings Off-Gas		548.31	-	-	-	-
-	-					
Arch Coatings Worker Trips		0.70	0.43	9.06	0.00	0.11
0.01	0.10					
Asphalt Off-Gas		1.98	-	-	-	-
-	-					
Asphalt Off-Road Diesel		5.65	36.08	46.59	-	1.34
1.34	0.00					
Asphalt On-Road Diesel		0.32	6.19	1.16	0.01	0.14
0.13	0.01					
Asphalt Worker Trips		0.05	0.03	0.63	0.00	0.01
0.00	0.01					
Maximum lbs/day		591.68	270.57	339.63	0.01	10.69
10.48	0.21					
Max lbs/day all phases		591.68	270.57	339.63	0.01	10.69
10.48	0.21					

Page: 4  
02/09/2006 3:31 PM

Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions  
Start Month/Year for Phase 2: Sep '06  
Phase 2 Duration: 1.5 months  
On-Road Truck Travel (VMT): 1516  
Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
2	Graders	174	0.575	8.0
3	Other Equipment	190	0.620	8.0
2	Rollers	114	0.430	8.0
5	Scrapers	313	0.660	8.0
3	Tractor/Loaders/Backhoes	79	0.465	8.0

Phase 3 - Building Construction Assumptions  
Start Month/Year for Phase 3: Oct '06

American Vineyard AQ.txt

Phase 3 Duration: 12.5 months

Start Month/Year for SubPhase Building: Oct '06

SubPhase Building Duration: 12.5 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
4	Excavators	180	0.580	8.0
2	Graders	174	0.575	8.0
2	Other Equipment	190	0.620	8.0
2	Rollers	114	0.430	8.0
2	Rubber Tired Dozers	352	0.590	8.0
2	Scrapers	313	0.660	8.0
4	Tractor/Loaders/Backhoes	79	0.465	8.0

Start Month/Year for SubPhase Architectural Coatings: Sep '07

SubPhase Architectural Coatings Duration: 1.2 months

Start Month/Year for SubPhase Asphalt: Oct '07

SubPhase Asphalt Duration: 0.6 months

Acres to be Paved: 10

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Graders	174	0.575	8.0
3	Rollers	114	0.430	8.0
2	Tractor/Loaders/Backhoes	79	0.465	8.0

Page: 5

02/09/2006 3:31 PM

AREA SOURCE	EMISSION ESTIMATES (Winter Pounds per Day, Unmitigated)				
Source	ROG	NOx	CO	S02	PM10
Natural Gas	0.16	2.02	0.86	0	0.00
Hearth	91.39	3.16	167.15	0.40	24.92
Landscaping - No winter emissions					
Consumer Prdcts	7.88	-	-	-	-
Architectural Coatings	5.48	-	-	-	-
TOTALS(lbs/day, unmitigated)	104.90	5.18	168.00	0.40	24.92

Page: 6

02/09/2006 3:31 PM

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	S02	PM10
Single family housing	14.15	22.57	172.22	0.08	13.93
TOTAL EMISSIONS (lbs/day)	14.15	22.57	172.22	0.08	13.93

Does not include correction for passby trips.

Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2007 Temperature (F): 40 Season: Winter

EMFAC Version: EMFAC2002 (9/2002)

American Vineyard AQ.txt

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Single family housing	53.67	9.78 trips/dwelling unit	161.00	1,574.58
			Sum of Total Trips	1,574.58
			Total Vehicle Miles Traveled	9,168.31

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent	Type	Non-Catalyst	Catalyst	Diesel
Light Auto	55.20		1.80	97.80	0.40
Light Truck < 3,750 lbs	15.10		3.30	94.00	2.70
Light Truck 3,751- 5,750	16.10		1.90	96.90	1.20
Med Truck 5,751- 8,500	7.10		1.40	95.80	2.80
Lite-Heavy 8,501-10,000	1.10		0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.40		0.00	50.00	50.00
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	0.10		0.00	0.00	100.00
Motorcycle	1.70		82.40	17.60	0.00
School Bus	0.10		0.00	0.00	100.00
Motor Home	1.20		8.30	83.30	8.40

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			

Page: 7

02/09/2006 3:31 PM

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Single family housing have changed from the defaults 9.57/53.67 to 9.78/53.67

Changes made to the default values for Construction

Changes made to the default values for Area

The Landscape year changed from 2005 to 2007.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2007.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002 Version  
8.7\Projects2k2\American Vineyard Village.urb  
Project Name: American Vineyard Village  
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: September, 2006  
Construction Duration: 14  
Total Land Use Area to be Developed: 19 acres  
Maximum Acreage Disturbed Per Day: 6 acres  
Single Family Units: 161 Multi-Family Units: 0  
Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	PM10	ROG	NOx	CO	S02	PM10 TOTAL	PM10
*** 2006 ***							
Phase 1 - Demolition Emissions							
Fugitive Dust		-	-	-	-	0.00	
-	0.00						
Off-Road Diesel		0.00	0.00	0.00	-	0.00	
0.00	0.00						
On-Road Diesel		0.00	0.00	0.00	0.00	0.00	
0.00	0.00						
Worker Trips		0.00	0.00	0.00	0.00	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		-	-	-	-	60.00	
-	60.00						
Off-Road Diesel		31.62	220.72	250.79	-	9.78	
9.78	0.00						
On-Road Diesel		2.16	43.06	7.96	0.63	1.08	
0.92	0.16						
Worker Trips		0.34	0.41	7.25	0.00	0.03	
0.01	0.02						
Maximum lbs/day		34.12	264.19	266.00	0.63	70.89	
10.71	60.18						
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel		33.95	237.98	266.50	-	10.08	
10.08	0.00						
Bldg Const Worker Trips		0.76	0.46	9.64	0.00	0.11	
0.01	0.10						
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	-	-	-	-	

American Vineyard AQ. txt

-	-					
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	34.71	238.44	276.14	0.00	10.19	
10.09	0.10					
Max lbs/day all phases	34.71	264.19	276.14	0.63	70.89	
10.71	60.18					

\*\*\* 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	-	-	-	-	0.00	
-	0.00					
Off-Road Diesel	0.00	0.00	0.00	-	0.00	
0.00	0.00					
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	
0.00	0.00					
Worker Trips	0.00	0.00	0.00	0.00	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	33.95	227.41	273.13	-	8.99	
8.99	0.00					
Bldg Const Worker Trips	0.70	0.43	9.06	0.00	0.11	
0.01	0.10					
Arch Coatings Off-Gas	548.31	-	-	-	-	
-	-					
Arch Coatings Worker Trips	0.70	0.43	9.06	0.00	0.11	
0.01	0.10					
Asphalt Off-Gas	1.98	-	-	-	-	
-	-					
Asphalt Off-Road Diesel	5.65	36.08	46.59	-	1.34	
1.34	0.00					
Asphalt On-Road Diesel	0.32	6.19	1.16	0.01	0.14	
0.13	0.01					
Asphalt Worker Trips	0.05	0.03	0.63	0.00	0.01	
0.00	0.01					
Maximum lbs/day	591.68	270.57	339.63	0.01	10.69	
10.48	0.21					
Max lbs/day all phases	591.68	270.57	339.63	0.01	10.69	
10.48	0.21					

American Vineyard AQ.txt

Page: 9  
02/09/2006 3:31 PM

Phase 1 - Demolition Assumptions: Phase Turned OFF

Phase 2 - Site Grading Assumptions  
Start Month/Year for Phase 2: Sep '06  
Phase 2 Duration: 1.5 months  
On-Road Truck Travel (VMT): 1516

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
2	Graders	174	0.575	8.0
3	Other Equipment	190	0.620	8.0
2	Rollers	114	0.430	8.0
5	Scrapers	313	0.660	8.0
3	Tractor/Loaders/Backhoes	79	0.465	8.0

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Oct '06  
Phase 3 Duration: 12.5 months  
Start Month/Year for SubPhase Building: Oct '06  
SubPhase Building Duration: 12.5 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
4	Excavators	180	0.580	8.0
2	Graders	174	0.575	8.0
2	Other Equipment	190	0.620	8.0
2	Rollers	114	0.430	8.0
2	Rubber Tired Dozers	352	0.590	8.0
2	Scrapers	313	0.660	8.0
4	Tractor/Loaders/Backhoes	79	0.465	8.0

Start Month/Year for SubPhase Architectural Coatings: Sep '07

SubPhase Architectural Coatings Duration: 1.2 months

Start Month/Year for SubPhase Asphalt: Oct '07

SubPhase Asphalt Duration: 0.6 months

Acres to be Paved: 10

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Graders	174	0.575	8.0
3	Rollers	114	0.430	8.0
2	Tractor/Loaders/Backhoes	79	0.465	8.0

Page: 10  
02/09/2006 3:31 PM

AREA SOURCE	EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)				
Source	ROG	NOx	CO	S02	PM10
Natural Gas	0.16	2.02	0.86	0	0.00
Hearth - No summer emissions					
Landscaping	0.80	0.03	5.61	0.06	0.02
Consumer Prdcts	7.88	-	-	-	-
Architectural Coatings	5.48	-	-	-	-
TOTALS(lbs/day, unmitigated)	14.32	2.04	6.46	0.06	0.02

American Vineyard AQ.txt

Page: 11  
02/09/2006 3:31 PM

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	S02	PM10
Single family housing	13.36	14.98	153.00	0.08	13.93
TOTAL EMISSIONS (lbs/day)	13.36	14.98	153.00	0.08	13.93

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

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2007 Temperature (F): 85 Season: Summer

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Single family housing	53.67	9.78 trips/dwelling unit	161.00	1,574.58
			Sum of Total Trips	1,574.58
			Total Vehicle Miles Travelled	9,168.31

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	55.20	1.80	97.80	0.40
Light Truck < 3,750 lbs	15.10	3.30	94.00	2.70
Light Truck 3,751- 5,750	16.10	1.90	96.90	1.20
Med Truck 5,751- 8,500	7.10	1.40	95.80	2.80
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.40	0.00	50.00	50.00
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	0.10	0.00	0.00	100.00
Motorcycle	1.70	82.40	17.60	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.20	8.30	83.30	8.40

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			

Page: 12  
02/09/2006 3:31 PM

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Single family housing  
have changed from the defaults 9.57/53.67 to 9.78/53.67

Changes made to the default values for Construction

Changes made to the default values for Area

The Landscape year changed from 2005 to 2007.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2007.