APPENDIX "C" – Cont.

Amador County 2008 – Page 1 of 1 - *(.bur output format)*

```
Title    : Amador County Avg 2008 Summer
Version  : Emfac2002 V2.2 Apr 23 2003 ** WIS Enabled **
Run Date : 02/15/06 11:49:23
Scen Year: 2008 -- Model Years: 1965 to 2008
Season   : Summer
Area     : Amador County Average
I/M Stat : No I and M program in effect
Emissions: Tons Per Day
```

	- - - Light Duty Passenger Cars - - -				- - - - - Light Duty Trucks - - - - -				- - - - - Medium Duty Trucks - - - -				- - - - H e a v y D u t y T r u c k s - - -							
													----- Gasoline Trucks ------			Diesel	Total HD	Urban	Motor-	All
	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Total	Trucks	Trucks	Buses	cycles	Vehicles
Vehicles	518.	19514.	78.	20110.	942.	19269.	673.	20885.	133.	5126.	394.	5653.	182.	1352.	1534.	837.	2371.	35.	1354.	50408.
VMT/1000	4.	685.	1.	690.	14.	656.	18.	689.	2.	204.	22.	228.	3.	26.	29.	66.	95.	5.	11.	1717.
Trips	2128.	121994.	433.	124554.	3962.	119344.	4078.	127384.	1726.	59925.	4386.	66037.	3909.	6976.	10884.	11033.	21917.	141.	2708.	342742.
Reactive Organic Gas Emissions																				
Run Exh	0.02	0.11	0.00	0.13	0.09	0.18	0.00	0.27	0.01	0.05	0.01	0.07	0.03	0.04	0.06	0.05	0.11	0.01	0.05	0.64
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Start Ex	0.01	0.11	0.00	0.12	0.02	0.12	0.00	0.15	0.01	0.05	0.00	0.06	0.06	0.02	0.08	0.00	0.08	0.00	0.01	0.42
Total Ex	0.04	0.22	0.00	0.25	0.12	0.30	0.00	0.42	0.03	0.10	0.01	0.13	0.09	0.06	0.15	0.05	0.20	0.01	0.06	1.07
Diurnal	0.01	0.04	0.00	0.05	0.01	0.05	0.00	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
Hot Soak	0.01	0.04	0.00	0.05	0.01	0.05	0.00	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
Running	0.04	0.12	0.00	0.16	0.04	0.24	0.00	0.28	0.01	0.07	0.00	0.08	0.02	0.02	0.04	0.00	0.04	0.00	0.01	0.58
Resting	0.00	0.02	0.00	0.03	0.01	0.03	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
Total	0.09	0.45	0.00	0.54	0.19	0.66	0.00	0.85	0.04	0.20	0.01	0.24	0.11	0.08	0.19	0.05	0.24	0.01	0.08	1.97
Carbon Monoxide Emissions																				
Run Exh	0.38	2.61	0.00	2.99	1.48	4.83	0.01	6.32	0.30	0.96	0.02	1.28	1.04	0.92	1.96	0.25	2.21	0.13	0.78	13.71
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.03
Start Ex	0.07	1.08	0.00	1.15	0.14	1.45	0.00	1.59	0.09	0.49	0.00	0.59	0.87	0.33	1.20	0.00	1.20	0.01	0.03	4.56
Total Ex	0.45	3.68	0.00	4.14	1.61	6.29	0.01	7.91	0.39	1.46	0.02	1.88	1.91	1.25	3.16	0.27	3.43	0.14	0.81	18.30
Oxides of Nitrogen Emissions																				
Run Exh	0.02	0.31	0.00	0.33	0.08	0.58	0.03	0.69	0.01	0.21	0.15	0.38	0.04	0.16	0.20	1.34	1.54	0.07	0.02	3.03
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.00	0.00	0.07
Start Ex	0.00	0.08	0.00	0.08	0.01	0.10	0.00	0.11	0.00	0.10	0.00	0.10	0.01	0.04	0.06	0.00	0.06	0.00	0.00	0.35
Total Ex	0.02	0.39	0.00	0.42	0.08	0.68	0.03	0.80	0.02	0.31	0.15	0.48	0.05	0.20	0.26	1.41	1.67	0.07	0.02	3.45
Carbon Dioxide Emissions (000)																				
Run Exh	0.00	0.31	0.00	0.31	0.01	0.36	0.01	0.38	0.00	0.15	0.01	0.17	0.00	0.02	0.02	0.14	0.16	0.01	0.00	1.02
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Total Ex	0.00	0.32	0.00	0.32	0.01	0.37	0.01	0.39	0.00	0.16	0.01	0.17	0.00	0.02	0.02	0.15	0.17	0.01	0.00	1.06
PM10 Emissions																				
Run Exh	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.05
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Ex	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.05
TireWear	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
BrakeWr	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
Total	0.00	0.02	0.00	0.03	0.00	0.03	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.09
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Fuel Consumption (000 gallons)																				
Gasoline	0.35	33.10	0.00	33.45	1.22	39.30	0.00	40.52	0.24	16.56	0.00	16.80	0.62	2.22	2.85	0.00	2.85	0.25	0.32	94.19
Diesel	0.00	0.00	0.05	0.05	0.00	0.00	0.62	0.62	0.00	0.00	1.07	1.07	0.00	0.00	0.00	13.12	13.12	0.39	0.00	15.25

APPENDIX "C" – Cont.

Amador County 2008 - Page 1 of 6 – *(.csv output format)*

Title	:	Amador County Avg 2008 Summer Default Title	Season	:	Summer
Version	:	Emfac2002 V2.2 Apr 23 2003 ** WIS Enabled **	Area	:	Amador County Average
Run Date	:	06/07/06 11:22:50	/M Stat	:	No I and M program in effect
Scen Year	:	2008 -- Model Years: 1965 to 2008	Emissions	:	Tons Per Day

	LDA-NCAT	LDA-CAT	LDA-DSL	LDA-TOT	LDT1-NCAT	LDT1-CAT	LDT1-DSL	LDT1-TOT
Vehicles	518	19514	78	20110	690	12917	606	14213
VMT/1000	4	685	1	690	10	430	16	457
Trips	2128	121994	433	124554	2902	79555	3664	86121
Reactive Organic Gas Emissions								
Run Exh	0.02	0.11	0	0.13	0.07	0.12	0	0.19
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0.01	0.11	0	0.12	0.02	0.08	0	0.1
	---	---	---	---	---	---	---	---
Total Ex	***0.04***	***0.22***	***0***	***0.25***	***0.08***	***0.21***	***0***	***0.29***
Diurnal	0.01	0.04	0	0.05	0.01	0.04	0	0.04
Hot Soak	0.01	0.04	0	0.05	0.01	0.04	0	0.05
Running	0.04	0.12	0	0.16	0.03	0.18	0	0.21
Resting	0	0.02	0	0.03	0	0.02	0	0.03
	---	---	---	---	---	---	---	---
Total	***0.09***	***0.45***	***0***	***0.54***	***0.14***	***0.48***	***0***	***0.62***
Carbon Monoxide Emissions								
Run Exh	0.38	2.61	0	2.99	1.08	3.5	0.01	4.59
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0.07	1.08	0	1.15	0.1	1.03	0	1.13
	---	---	---	---	---	---	---	---
Total Ex	***0.45***	***3.68***	***0***	***4.14***	***1.18***	***4.53***	***0.01***	***5.72***
Oxides of Nitrogen Emissions								
Run Exh	0.02	0.31	0	0.33	0.06	0.37	0.03	0.46
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.08	0	0.08	0	0.06	0	0.06
	---	---	---	---	---	---	---	---
Total Ex	***0.02***	***0.39***	***0***	***0.42***	***0.06***	***0.43***	***0.03***	***0.52***
Carbon Dioxide Emissions (000)								
Run Exh	0	0.31	0	0.31	0.01	0.24	0.01	0.25
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.01	0	0.01	0	0.01	0	0.01
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.32***	***0***	***0.32***	***0.01***	***0.24***	***0.01***	***0.26***
PM 10 Emissions								
Run Exh	0	0.01	0	0.01	0	0.01	0	0.01
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0	0	0	0	0	0	0
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.01***	***0***	***0.01***	***0***	***0.01***	***0***	***0.01***
TireWear	0	0.01	0	0.01	0	0	0	0
BrakeWr	0	0.01	0	0.01	0	0.01	0	0.01
	---	---	---	---	---	---	---	---
Total	***0***	***0.02***	***0***	***0.03***	***0***	***0.02***	***0***	***0.02***
Lead	0	0	0	0	0	0	0	0
SOx	0	0	0	0	0	0	0	0
Fuel Consumption (000 gallons)								
Gasoline	0.35	33.1	0	33.45	0.89	25.79	0	26.68
Diesel	0	0	0.05	0.05	0	0	0.55	0.55

APPENDIX "C" – Cont.
Amador County 2008 - Page 2 of 6 – *(.csv output format)*

LDT2-NCAT	LDT2-CAT	LDT2-DSL	LDT2-TOT	MDV-NCAT	MDV-CAT	MDV-DSL	MDV-TOT	LHDT1-NCAT
252	6352	68	6672	93	4090	90	4273	40
4	226	2	232	1	146	3	150	0
1060	39789	414	41263	406	25667	568	26641	1320
0.03	0.05	0	0.08	0.01	0.04	0	0.06	0
0	0	0	0	0	0	0	0	0
0.01	0.04	0	0.05	0	0.03	0	0.04	0.01
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0.03	0.09	0	0.12	0.02	0.08	0	0.09	0.01
0	0.01	0	0.02	0	0.01	0	0.01	0
0	0.01	0	0.02	0	0.01	0	0.01	0
0.01	0.06	0	0.07	0	0.04	0	0.05	0.01
0	0.01	0	0.01	0	0.01	0	0.01	0
---	---	---	---	---	---	---	---	---
0.05	0.19	0	0.24	0.02	0.14	0	0.16	0.02
0.4	1.33	0	1.73	0.26	0.86	0	1.12	0.04
0	0	0	0	0	0	0	0	0
0.04	0.43	0	0.46	0.02	0.31	0	0.34	0.07
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0.43	1.76	0	2.19	0.28	1.18	0	1.46	0.11
0.02	0.21	0	0.23	0.01	0.17	0.01	0.19	0
0	0	0	0	0	0	0	0	0
0	0.04	0	0.04	0	0.03	0	0.03	0
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0.02	0.25	0	0.28	0.01	0.21	0.01	0.23	0
0	0.12	0	0.13	0	0.11	0	0.11	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.13	0	0.13	0	0.11	0	0.12	0
0	0.01	0	0.01	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.01	0	0.01	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.33	13.51	0	13.83	0.16	11.92	0	12.08	0.08
0	0	0.07	0.07	0	0	0.1	0.1	0

APPENDIX "C" – Cont.
Amador County 2008 - Page 3 of 6 – *(.csv output format)*

LHDT1-CAT	LHDT1-DSL	LHDT1-TOT	LHDT2-NCAT	LHDT2-CAT	LHDT2-DSL	LHDT2-TOT	MHDT-NCAT	MHDT-CAT
923	190	1153	0	113	114	227	51	112
52	12	65	0	6	6	12	0	5
30523	2386	34229	0	3736	1432	5168	2351	5101
0	0	0.01	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.02	0	0.03	0	0	0	0	0.02	0.01
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0.02	0	0.04	0	0	0	0.01	0.03	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.02	0	0.03	0	0.01	0	0.01	0.01	0.01
0	0	0	0	0	0	0	0	0
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0.05	0	0.07	0	0.01	0	0.01	0.04	0.03
0.08	0.01	0.13	0	0.02	0.01	0.03	0.07	0.07
0.01	0	0.01	0	0	0	0	0	0
0.15	0	0.22	0	0.03	0	0.03	0.18	0.13
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0.24	0.01	0.36	0	0.05	0.01	0.06	0.25	0.21
0.03	0.1	0.13	0	0.01	0.05	0.06	0	0.02
0	0	0	0	0	0	0	0	0
0.06	0	0.06	0	0.01	0	0.01	0	0.02
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0.09	0.1	0.19	0	0.02	0.05	0.07	0	0.04
0.04	0.01	0.05	0	0	0	0.01	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.04	0.01	0.05	0	0.01	0	0.01	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
4.16	0	4.23	0	0.49	0	0.49	0.14	0.42
0	0.64	0.64	0	0	0.33	0.33	0	0

APPENDIX "C" – Cont.
Amador County 2008 - Page 4 of 6 – *(.csv output format)*

MHDT-DSL	MHDT-TOT	HHDT-NCAT	HHDT-CAT	HHDT-DSL	HHDT-TOT	LHV-NCAT	LHV-CAT	LHV-DSL
316	479	34	38	397	468	0	0	0
19	24	1	3	45	49	0	0	0
8855	16307	1535	1713	2011	5259	0	0	0
0	0.01	0.02	0.02	0.04	0.08	0	0	0
0	0	0	0	0	0	0	0	0
0	0.03	0.04	0.01	0	0.05	0	0	0
---	---	---	---	---	---	---	---	---
0	0.04	0.05	0.04	0.04	0.13	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.02	0.01	0.01	0	0.02	0	0	0
0	0	0	0	0	0	0	0	0
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0	0.07	0.06	0.04	0.04	0.15	0	0	0
0.04	0.18	0.74	0.47	0.2	1.42	0	0	0
0	0	0	0	0.02	0.02	0	0	0
0	0.31	0.68	0.19	0	0.87	0	0	0
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0.04	0.5	1.43	0.66	0.22	2.31	0	0	0
0.23	0.25	0.03	0.09	1.07	1.19	0	0	0
0	0	0	0	0.06	0.06	0	0	0
0	0.02	0.01	0.02	0	0.03	0	0	0
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0.23	0.27	0.04	0.11	1.13	1.28	0	0	0
0.03	0.03	0	0	0.11	0.11	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
00.03	0.04	0	0	0.11	0.11	0	0	0
0	0	0	0	0.02	0.02	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0.02	0.02	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.01	0.01	0	0	0.02	0.02	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.56	0.34	0.36	0	0.71	0	0	0
2.79	2.79	0	0	9.86	9.86	0	0	0

APPENDIX "C" – Cont.
Amador County 2008 - Page 5 of 6 – *(.csv output format)*

LHV-TOT	SBUS-NCAT	SBUS-CAT	SBUS-DSL	SBUS-TOT	UB-NCAT	UB-CAT	UB-DSL	UB-TOT
0	3	11	40	54	2	21	12	35
0	0	0	2	2	0	3	2	5
0	13	43	159	215	8	84	49	141
0	0	0	0	0	0	0.01	0	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0.01	0	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0.01	0	0.01
0	0.02	0.02	0	0.05	0.04	0.08	0	0.13
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0.01	0	0.01
---	---	---	---	---	---	---	---	---
0	0.03	0.03	0.01	0.06	0.05	0.09	0	0.14
0	0	0	0.03	0.03	0	0.03	0.05	0.07
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0.03	0.04	0	0.03	0.05	0.07
0	0	0	0	0	0	0	0	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.02	0.04	0	0.06	0.03	0.22	0	0.25
0	0	0	0.27	0.27	0	0	0.39	0.39

APPENDIX "C" – Cont.
Amador County 2008 - Page 6 of 6 – *(.csv output format)*

MH-NCAT	MH-CAT	MH-DSL	MH-TOT	MCY-NCAT	MCY-CAT	MCY-DL	MCY-TOT	ALL-TOT
93	1192	84	1370	1074	280	0	1354	50408
1	18	1	20	8	3	0	11	1717
9	119	8	137	2148	560	0	2708	342742
0.01	0.01	0	0.02	0.04	0.01	0	0.05	0.64
0	0	0	0	0	0	0	0	0.01
0	0	0	0	0.01	0	0	0.01	0.42
---	---	---	---	---	---	---	---	---
0.01	0.01	0	0.02	0.05	0.01	0	0.06	1.07
0	0	0	0	0	0	0	0	0.12
0	0	0	0	0	0	0	0	0.13
0	0	0	0	0.01	0	0	0.01	0.58
0	0	0	0	0	0	0	0	0.07
---	---	---	---	---	---	---	---	---
0.01	0.01	0	0.02	0.06	0.02	0	0.08	1.97
0.2	0.35	0	0.56	0.69	0.09	0	0.78	13.71
0	0	0	0	0	0	0	0	0.03
0	0	0	0	0.02	0.01	0	0.03	4.56
---	---	---	---	---	---	---	---	---
0.2	0.36	0	0.56	0.71	0.1	0	0.81	18.3
0.01	0.05	0.02	0.07	0.01	0	0	0.02	3.03
0	0	0	0	0	0	0	0	0.07
0	0	0	0	0	0	0	0	0.35
---	---	---	---	---	---	---	---	---
0.01	0.05	0.02	0.07	0.01	0	0	0.02	3.45
0	0.01	0	0.02	0	0	0	0	1.02
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.03
---	---	---	---	---	---	---	---	---
0	0.01	0	0.02	0	0	0	0	1.06
0	0	0	0	0	0	0	0	0.05
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0.05
0	0	0	0	0	0	0	0	0.02
0	0	0	0	0	0	0	0	0.02
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0.09
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.01
0.13	1.39	0	1.52	0.24	0.08	0	0.32	94.19
0	0	0.19	0.19	0	0	0	0	15.25

APPENDIX "C" – Cont.

Aamdor County 2015 – Page 1 of 1 - *(.bur output format)*

```
Title    : Amador County Avg 2015 Summer
Version  : Emfac2002 V2.2 Apr 23 2003 ** WIS Enabled **
Run Date : 02/15/06 11:52:27
Scen Year: 2015 -- Model Years: 1970 to 2015
Season   : Summer
Area     : Amador County Average
I/M Stat : No I and M program in effect
Emissions: Tons Per Day
```

	- - - Light Duty Passenger Cars - - -				- - - - - Light Duty Trucks - - - - -				- - - - - Medium Duty Trucks - - - -				- - - - H e a v y D u t y T r u c k s - - -						
													----- Gasoline Trucks ------			Diesel	Total HD	Urban	Motor-	All
	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Total	Trucks	Trucks	Buses	cycles	Vehicles
Vehicles	102.	21766.	32.	21900.	269.	22316.	368.	22953.	46.	5765.	406.	6218.	51.	1550.	1601.	1016.	2617.	39.	1485.	55212.
VMT/1000	1.	777.	0.	778.	4.	767.	8.	779.	1.	214.	20.	234.	1.	29.	30.	84.	114.	5.	13.	1923.
Trips	395.	135692.	162.	136249.	1047.	137560.	2080.	140687.	506.	67200.	4670.	72376.	1434.	7531.	8965.	13579.	22545.	156.	2971.	374983.
Reactive Organic Gas Emissions																				
Run Exh	0.00	0.04	0.00	0.05	0.02	0.09	0.00	0.12	0.00	0.03	0.00	0.04	0.01	0.02	0.03	0.04	0.07	0.01	0.05	0.33
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Start Ex	0.00	0.05	0.00	0.06	0.01	0.07	0.00	0.08	0.00	0.04	0.00	0.05	0.03	0.02	0.05	0.00	0.05	0.00	0.01	0.24
Total Ex	0.01	0.10	0.00	0.10	0.03	0.17	0.00	0.20	0.01	0.07	0.00	0.08	0.04	0.05	0.08	0.04	0.12	0.01	0.06	0.57
Diurnal	0.00	0.03	0.00	0.03	0.00	0.04	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
Hot Soak	0.00	0.03	0.00	0.03	0.00	0.03	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
Running	0.01	0.07	0.00	0.08	0.01	0.20	0.00	0.21	0.00	0.08	0.00	0.08	0.01	0.03	0.03	0.00	0.03	0.00	0.00	0.41
Resting	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
Total	0.02	0.24	0.00	0.26	0.05	0.46	0.00	0.51	0.01	0.17	0.00	0.18	0.05	0.07	0.12	0.04	0.16	0.01	0.07	1.18
Carbon Monoxide Emissions																				
Run Exh	0.06	1.32	0.00	1.38	0.37	2.71	0.01	3.08	0.10	0.63	0.02	0.74	0.45	0.55	1.01	0.19	1.20	0.11	0.53	7.04
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.02	0.03	0.00	0.00	0.04
Start Ex	0.01	0.63	0.00	0.64	0.04	0.93	0.00	0.96	0.03	0.38	0.00	0.41	0.43	0.31	0.75	0.00	0.75	0.01	0.03	2.80
Total Ex	0.07	1.95	0.00	2.02	0.40	3.63	0.01	4.04	0.13	1.02	0.02	1.16	0.89	0.87	1.76	0.21	1.97	0.12	0.56	9.88
Oxides of Nitrogen Emissions																				
Run Exh	0.00	0.14	0.00	0.15	0.02	0.33	0.01	0.36	0.00	0.14	0.08	0.22	0.02	0.11	0.12	0.84	0.97	0.07	0.02	1.78
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.00	0.08
Start Ex	0.00	0.05	0.00	0.05	0.00	0.08	0.00	0.08	0.00	0.12	0.00	0.12	0.01	0.04	0.05	0.00	0.05	0.00	0.00	0.30
Total Ex	0.00	0.20	0.00	0.20	0.02	0.40	0.01	0.44	0.01	0.25	0.08	0.34	0.02	0.15	0.17	0.92	1.09	0.07	0.02	2.15
Carbon Dioxide Emissions (000)																				
Run Exh	0.00	0.34	0.00	0.34	0.00	0.42	0.00	0.42	0.00	0.16	0.01	0.17	0.00	0.02	0.02	0.18	0.20	0.01	0.00	1.15
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Total Ex	0.00	0.35	0.00	0.35	0.00	0.43	0.00	0.44	0.00	0.17	0.01	0.18	0.00	0.02	0.02	0.18	0.21	0.01	0.00	1.18
PM10 Emissions																				
Run Exh	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.04
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Ex	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.05
TireWear	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
BrakeWr	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Total	0.00	0.03	0.00	0.03	0.00	0.03	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.09
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Fuel Consumption (000 gallons)																				
Gasoline	0.06	36.18	0.00	36.23	0.31	45.01	0.00	45.32	0.08	17.12	0.00	17.20	0.25	2.37	2.62	0.00	2.62	0.26	0.39	102.01
Diesel	0.00	0.00	0.02	0.02	0.00	0.00	0.28	0.28	0.00	0.00	0.99	0.99	0.00	0.00	0.00	16.47	16.47	0.47	0.00	18.22

APPENDIX "C" – Cont.

Amador County 2015 - Page 1 of 6 – *(.csv output format)*

Title :	Amador County Avg 2015 Summer Default Title	Season :	Summer
Version :	Emfac2002 V2.2 Apr 23 2003 ** WIS Enabled **	Area :	Amador County Average
Run Date :	06/02/06 07:07:30	I/M Stat :	No I and M program in effect
Scen Year :	2015 -- Model Years: 1970 to 2015	Emissions :	Tons Per Day

	LDA-NCAT	LDA-CAT	LDA-DSL	LDA-TOT	LDT1-NCAT	LDT1-CAT	LDT1-DSL	LDT1-TOT
Vehicles	102	21766	32	21900	199	15097	326	15622
VMT/1000	1	777	0	778	3	519	7	529
Trips	395	135692	162	136249	776	92726	1834	95336
Reactive Organic Gas Emissions								
Run Exh	0	0.04	0	0.05	0.02	0.06	0	0.08
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.05	0	0.06	0	0.05	0	0.05
	---	---	---	---	---	---	---	---
Total Ex	***0.01***	***0.1***	***0***	***0.1***	***0.02***	***0.11***	***0***	***0.13***
Diurnal	0	0.03	0	0.03	0	0.03	0	0.03
Hot Soak	0	0.03	0	0.03	0	0.02	0	0.03
Running	0.01	0.07	0	0.08	0.01	0.15	0	0.15
Resting	0	0.02	0	0.02	0	0.02	0	0.02
	---	---	---	---	---	---	---	---
Total	***0.02***	***0.24***	***0***	***0.26***	***0.03***	***0.33***	***0***	***0.36***
Carbon Monoxide Emissions								
Run Exh	0.06	1.32	0	1.38	0.27	1.89	0	2.17
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0.01	0.63	0	0.64	0.03	0.63	0	0.65
	---	---	---	---	---	---	---	---
Total Ex	***0.07***	***1.95***	***0***	***2.02***	***0.3***	***2.52***	***0***	***2.82***
Oxides of Nitrogen Emissions								
Run Exh	0	0.14	0	0.15	0.01	0.2	0.01	0.23
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.05	0	0.05	0	0.04	0	0.04
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.2***	***0***	***0.2***	***0.02***	***0.24***	***0.01***	***0.27***
Carbon Dioxide Emissions (000)								
Run Exh	0	0.34	0	0.34	0	0.28	0	0.29
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.01	0	0.01	0	0.01	0	0.01
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.35***	***0***	***0.35***	***0***	***0.29***	***0***	***0.3***
PM10 Emissions								
Run Exh	0	0.01	0	0.01	0	0.01	0	0.01
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0	0	0	0	0	0	0
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.01***	***0***	***0.01***	***0***	***0.01***	***0***	***0.01***
TireWear	0	0.01	0	0.01	0	0	0	0
BrakeWr	0	0.01	0	0.01	0	0.01	0	0.01
	---	---	---	---	---	---	---	---
Total	***0***	***0.03***	***0***	***0.03***	***0***	***0.02***	***0***	***0.02***
Lead	0	0	0	0	0	0	0	0
SOx	0	0	0	0	0	0	0	0
Fuel Consumption (000 gallons)								
Gasoline	0.06	36.18	0	36.23	0.23	30.36	0	30.59
Diesel	0	0	0.02	0.02	0	0	0.24	0.24

APPENDIX "C" – Cont.
Amador County 2015 – Page2 of 6 – *(.csv output format)*

LDT2-NCAT	LDT2-CAT	LDT2-DSL	LDT2-TOT	MDV-NCAT	MDV-CAT	MDV-DSL	MDV-TOT	LHDT1-NCAT
70	7218	42	7330	35	4593	67	4695	11
1	248	1	250	0	155	2	158	0
271	44834	247	45351	140	28429	400	28969	366
0.01	0.03	0	0.03	0	0.03	0	0.03	0
0	0	0	0	0	0	0	0	0
0	0.02	0	0.03	0	0.02	0	0.02	0
---	---	---	---	---	---	---	---	---
0.01	0.05	0	0.06	0.01	0.05	0	0.05	0
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0.06	0	0.06	0	0.04	0	0.04	0
0	0.01	0	0.01	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.01	0.14	0	0.15	0.01	0.11	0	0.12	0.01
0.1	0.81	0	0.91	0.09	0.58	0	0.67	0.01
0	0	0	0	0	0	0	0	0
0.01	0.3	0	0.31	0.01	0.23	0	0.24	0.02
---	---	---	---	---	---	---	---	---
0.1	1.11	0	1.21	0.1	0.81	0	0.92	0.03
0.01	0.12	0	0.13	0	0.11	0	0.11	0
0	0	0	0	0	0	0	0	0
0	0.03	0	0.03	0	0.03	0	0.03	0
---	---	---	---	---	---	---	---	---
0.01	0.16	0	0.16	0	0.13	0	0.14	0
0	0.14	0	0.14	0	0.12	0	0.12	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.14	0	0.14	0	0.12	0	0.12	0
0	0.01	0	0.01	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.01	0	0.01	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.08	14.65	0	14.73	0.06	12.51	0	12.56	0.02
0	0	0.04	0.04	0	0	0.06	0.06	0

APPENDIX "C" – Cont.
Amador County 2015 – Page 3 of 6 – *(.csv output format)*

LHDT1-CAT	LHDT1-DSL	LHDT1-TOT	LHDT2-NCAT	LHDT2-CAT	LHDT2-DSL	LHDT2-TOT	MHDT-NCAT	MHDT-CAT
1039	224	1274	0	134	116	250	13	120
52	12	64	0	7	6	13	0	6
34352	2812	37530	0	4419	1458	5876	572	5464
0	0	0.01	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.02	0	0.02	0	0	0	0	0.01	0.01
---	---	---	---	---	---	---	---	---
0.02	0	0.03	0	0	0	0	0.01	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.03	0	0.03	0	0	0	0	0	0.01
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.05	0	0.06	0	0.01	0	0.01	0.01	0.02
0.04	0.01	0.06	0	0.01	0.01	0.01	0.02	0.03
0.01	0	0.01	0	0	0	0	0	0
0.13	0	0.14	0	0.02	0	0.02	0.04	0.09
---	---	---	---	---	---	---	---	---
0.17	0.01	0.21	0	0.03	0.01	0.04	0.06	0.13
0.02	0.05	0.08	0	0	0.03	0.03	0	0.01
0	0	0	0	0	0	0	0	0
0.08	0	0.08	0	0.01	0	0.01	0	0.01
---	---	---	---	---	---	---	---	---
0.1	0.05	0.16	0	0.01	0.03	0.04	0	0.02
0.04	0.01	0.04	0	0	0	0.01	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.04	0.01	0.05	0	0.01	0	0.01	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
4.08	0	4.1	0	0.54	0	0.54	0.03	0.46
0	0.63	0.63	0	0	0.3	0.3	0	0

APPENDIX "C" – Cont.
Amador County 2015 - Page 4 of 6 – *(.csv output format)*

MHDT-DSL	MHDT-TOT	HHDT-NCAT	HHDT-CAT	HHDT-DSL	HHDT-TOT	LHV-NCAT	LHV-CAT	LHV-DSL
394	527	19	41	458	518	0	0	0
24	30	0	2	55	58	0	0	0
11058	17094	855	1890	2317	5062	0	0	0
0	0.01	0.01	0.02	0.03	0.06	0	0	0
0	0	0	0	0	0	0	0	0
0	0.01	0.02	0.02	0	0.04	0	0	0
---	---	---	---	---	---	---	---	---
0	0.02	0.03	0.03	0.03	0.1	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.01	0.01	0.01	0	0.02	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.03	0.03	0.05	0.03	0.11	0	0	0
0.04	0.09	0.39	0.35	0.15	0.89	0	0	0
0	0	0	0	0.02	0.02	0	0	0
0	0.14	0.39	0.22	0	0.61	0	0	0
---	---	---	---	---	---	---	---	---
0.04	0.23	0.78	0.57	0.17	1.51	0	0	0
0.13	0.14	0.02	0.07	0.67	0.76	0	0	0
0	0	0	0	0.07	0.07	0	0	0
0	0.01	0.01	0.03	0	0.03	0	0	0
---	---	---	---	---	---	---	---	---
0.13	0.16	0.02	0.09	0.74	0.86	0	0	0
0.04	0.04	0	0	0.13	0.13	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.04	0.05	0	0	0.14	0.14	0	0	0
0	0	0	0	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.5	0.19	0.29	0	0.48	0	0	0
3.66	3.66	0	0	12.23	12.23	0	0	0

APPENDIX "C" – Cont.
Amador County 2015 - Page 5 of 6 – *(.csv output format)*

LHV-TOT	SBUS-NCAT	SBUS-CAT	SBUS-DSL	SBUS-TOT	UB-NCAT	UB-CAT	UB-DSL	UB-TOT
0	1	10	48	59	2	22	15	39
0	0	0	2	3	0	3	2	5
0	5	39	193	237	8	88	60	156
0	0	0	0	0	0	0.01	0	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0.01	0	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0.01	0	0.01
0	0.01	0.01	0.01	0.03	0.04	0.07	0	0.11
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0.01	0	0.01
---	---	---	---	---	---	---	---	---
0	0.01	0.02	0.01	0.03	0.04	0.08	0	0.12
0	0	0	0.03	0.03	0	0.02	0.04	0.07
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0.03	0.03	0	0.02	0.04	0.07
0	0	0	0	0	0	0	0.01	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0.01	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.01	0.04	0	0.05	0.03	0.23	0	0.26
0	0	0	0.32	0.32	0	0	0.47	0.47

APPENDIX "C" – Cont.
Amador County 2015 - Page 6 of 6 – *(.csv output format)*

MH-NCAT	MH-CAT	MH-DSL	MH-TOT	MCY-NCAT	MCY-CAT	MCY-DSL	MCY-TOT	ALL-TOT
18	1379	116	1513	720	765	0	1485	55212
0	21	2	23	5	8	0	13	1923
2	138	12	151	1440	1530	0	2971	374983
0	0.01	0	0.01	0.03	0.02	0	0.05	0.33
0	0	0	0	0	0	0	0	0.01
0	0	0	0	0	0	0	0.01	0.24
---	---	---	---	---	---	---	---	---
0	0.01	0	0.01	0.03	0.02	0	0.06	0.57
0	0	0	0	0	0	0	0	0.08
0	0	0	0	0	0	0	0	0.08
0	0	0	0	0	0	0	0	0.41
0	0	0	0	0	0	0	0	0.05
---	---	---	---	---	---	---	---	---
0	0.01	0	0.01	0.03	0.03	0	0.07	1.18
0.04	0.16	0	0.2	0.43	0.1	0	0.53	7.04
0	0	0	0	0	0	0	0	0.04
0	0	0	0	0.01	0.02	0	0.03	2.8
---	---	---	---	---	---	---	---	---
0.04	0.16	0	0.2	0.44	0.12	0	0.56	9.88
0	0.03	0.01	0.04	0.01	0.01	0	0.02	1.78
0	0	0	0	0	0	0	0	0.08
0	0	0	0	0	0	0	0	0.3
---	---	---	---	---	---	---	---	---
0	0.03	0.01	0.04	0.01	0.01	0	0.02	2.15
0	0.02	0	0.02	0	0	0	0	1.15
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.03
---	---	---	---	---	---	---	---	---
0	0.02	0	0.02	0	0	0	0	1.18
0	0	0	0	0	0	0	0	0.04
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0.05
0	0	0	0	0	0	0	0	0.02
0	0	0	0	0	0	0	0	0.03
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0.09
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.01
0.02	1.58	0	1.6	0.16	0.23	0	0.39	102.01
0	0	0.26	0.26	0	0	0	0	18.22

APPENDIX "C" – Cont.

Amador County 2025 – Page 1 of 1 - *(.bur output format)*

```
Title    : Amador County Avg 2025 Summer
Version  : Emfac2002 V2.2 Apr 23 2003 ** WIS Enabled **
Run Date : 02/15/06 11:55:25
Scen Year: 2025 -- Model Years: 1980 to 2025
Season   : Summer
Area     : Amador County Average
I/M Stat : No I and M program in effect
Emissions: Tons Per Day
```

	- - - Light Duty Passenger Cars - - -				- - - - - Light Duty Trucks - - - - -				- - - - - Medium Duty Trucks - - - -				- - - - H e a v y D u t y T r u c k s - - - ----- Gasoline Trucks ------							
	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Total	Diesel Trucks	Total HD Trucks	Urban Buses	Motor-cycles	All Vehicles
Vehicles	0.	25476.	6.	25482.	0.	26700.	115.	26815.	0.	6580.	353.	6933.	0.	2206.	2206.	1103.	3309.	42.	1204.	63785.
VMT/1000	0.	923.	0.	923.	0.	932.	2.	934.	0.	238.	16.	254.	0.	39.	39.	102.	141.	5.	10.	2267.
Trips	0.	158978.	30.	159008.	0.	164989.	549.	165538.	1.	70666.	4240.	74907.	0.	6436.	6436.	13588.	20024.	167.	2408.	422052.
Reactive Organic Gas Emissions																				
Run Exh	0.00	0.02	0.00	0.02	0.00	0.03	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.01	0.01	0.02	0.03	0.01	0.04	0.13
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Start Ex	0.00	0.02	0.00	0.02	0.00	0.03	0.00	0.03	0.00	0.02	0.00	0.02	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.09
Total Ex	0.00	0.03	0.00	0.03	0.00	0.06	0.00	0.06	0.00	0.04	0.00	0.04	0.00	0.02	0.02	0.02	0.04	0.01	0.04	0.23
Diurnal	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
Hot Soak	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
Running	0.00	0.04	0.00	0.04	0.00	0.14	0.00	0.14	0.00	0.07	0.00	0.07	0.00	0.02	0.02	0.00	0.02	0.00	0.00	0.28
Resting	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Total	0.00	0.11	0.00	0.11	0.00	0.26	0.00	0.26	0.00	0.12	0.00	0.13	0.00	0.04	0.04	0.02	0.07	0.01	0.05	0.61
Carbon Monoxide Emissions																				
Run Exh	0.00	0.66	0.00	0.66	0.00	1.15	0.00	1.15	0.00	0.36	0.01	0.38	0.00	0.18	0.18	0.13	0.31	0.07	0.33	2.89
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.02	0.03	0.00	0.00	0.04
Start Ex	0.00	0.27	0.00	0.27	0.00	0.41	0.00	0.41	0.00	0.24	0.00	0.24	0.00	0.14	0.14	0.00	0.14	0.01	0.02	1.09
Total Ex	0.00	0.93	0.00	0.93	0.00	1.56	0.00	1.56	0.00	0.61	0.01	0.62	0.00	0.32	0.32	0.16	0.47	0.08	0.35	4.01
Oxides of Nitrogen Emissions																				
Run Exh	0.00	0.06	0.00	0.06	0.00	0.14	0.00	0.14	0.00	0.06	0.03	0.09	0.00	0.04	0.04	0.28	0.32	0.05	0.01	0.68
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.00	0.00	0.08
Start Ex	0.00	0.02	0.00	0.02	0.00	0.03	0.00	0.03	0.00	0.09	0.00	0.09	0.00	0.03	0.03	0.00	0.03	0.00	0.00	0.17
Total Ex	0.00	0.08	0.00	0.08	0.00	0.17	0.00	0.17	0.00	0.15	0.03	0.18	0.00	0.07	0.07	0.36	0.43	0.05	0.01	0.93
Carbon Dioxide Emissions (000)																				
Run Exh	0.00	0.40	0.00	0.40	0.00	0.51	0.00	0.51	0.00	0.18	0.01	0.19	0.00	0.03	0.03	0.23	0.25	0.01	0.00	1.35
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
Total Ex	0.00	0.41	0.00	0.41	0.00	0.52	0.00	0.52	0.00	0.18	0.01	0.19	0.00	0.03	0.03	0.23	0.26	0.01	0.00	1.39
PM10 Emissions																				
Run Exh	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.04
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Ex	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.05
TireWear	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
BrakeWr	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Total	0.00	0.03	0.00	0.03	0.00	0.04	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.10
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOx	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Fuel Consumption (000 gallons)																				
Gasoline	0.00	41.97	0.00	41.97	0.00	53.72	0.00	53.72	0.00	18.93	0.00	18.93	0.00	2.96	2.96	0.00	2.96	0.25	0.29	118.11
Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.00	0.84	0.84	0.00	0.00	0.00	20.60	20.60	0.52	0.00	22.04

APPENDIX "C" – Cont.

Amador County 2025 - Page 1 of 6 – *(.csv output format)*

Title :	Amador County Avg 2025 Summer Default Title	Season :	Summer
Version :	Emfac2002 V2.2 Apr 23 2003 ** WIS Enabled **	Area :	Amador County Average
Run Date :	06/02/06 07:09:40	I/M Stat :	No I and M program in effect
Scen Year :	2025 -- Model Years: 1980 to 2025	Emissions :	Tons Per Day

	LDA-NCAT	LDA-CAT	LDA-DSL	LDA-TOT	LDT1-NCAT	LDT1-CAT	LDT1-DSL	LDT1-TOT
Vehicles	0	25476	6	25482	0	18142	102	18244
VMT/1000	0	923	0	923	0	635	2	637
Trips	0	158978	30	159008	0	112081	475	112557
Reactive Organic Gas Emissions								
Run Exh	0	0.02	0	0.02	0	0.02	0	0.02
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.02	0	0.02	0	0.02	0	0.02
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.03***	***0***	***0.03***	***0***	***0.04***	***0***	***0.04***
Diurnal	0	0.01	0	0.01	0	0.01	0	0.01
Hot Soak	0	0.01	0	0.01	0	0.01	0	0.01
Running	0	0.04	0	0.04	0	0.09	0	0.09
Resting	0	0.01	0	0.01	0	0.01	0	0.01
	---	---	---	---	---	---	---	---
Total	***0***	***0.11***	***0***	***0.11***	***0***	***0.16***	***0***	***0.16***
Carbon Monoxide Emissions								
Run Exh	0	0.66	0	0.66	0	0.71	0	0.72
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.27	0	0.27	0	0.25	0	0.25
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.93***	***0***	***0.93***	***0***	***0.97***	***0***	***0.97***
Oxides of Nitrogen Emissions								
Run Exh	0	0.06	0	0.06	0	0.08	0	0.08
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.02	0	0.02	0	0.02	0	0.02
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.08***	***0***	***0.08***	***0***	***0.1***	***0***	***0.1***
Carbon Dioxide Emissions (000)								
Run Exh	0	0.4	0	0.4	0	0.34	0	0.34
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.01	0	0.01	0	0.01	0	0.01
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.41***	***0***	***0.41***	***0***	***0.35***	***0***	***0.35***
PM10 Emissions								
Run Exh	0	0.01	0	0.01	0	0.01	0	0.01
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0	0	0	0	0	0	0
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.01***	***0***	***0.01***	***0***	***0.01***	***0***	***0.01***
TireWear	0	0.01	0	0.01	0	0.01	0	0.01
BrakeWr	0	0.01	0	0.01	0	0.01	0	0.01
	---	---	---	---	---	---	---	---
Total	***0***	***0.03***	***0***	***0.03***	***0***	***0.02***	***0***	***0.02***
Lead	0	0	0	0	0	0	0	0
SOx	0	0	0	0	0	0	0	0
Fuel Consumption (000 gallons)								
Gasoline	0	41.97	0	41.97	0	36.38	0	36.38
Diesel	0	0	0	0	0	0	0.06	0.06

APPENDIX "C" – Cont.
Amador County 2025 - Page 2 of 6 – *(.csv output format)*

LDT2-NCAT	LDT2-CAT	LDT2-DSL	LDT2-TOT	MDV-NCAT	MDV-CAT	MDV-DSL	MDV-TOT	LHDT1-NCAT
0	8557	14	8571	0	5459	28	5487	0
0	296	0	297	0	187	1	188	0
0	52908	74	52981	1	33608	154	33763	0
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0.01	0	0.01	0	0.01	0	0.01	0
---	---	---	---	---	---	---	---	---
0	0.02	0	0.02	0	0.02	0	0.02	0
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0.01	0	0.01	0	0	0	0	0
0	0.05	0	0.05	0	0.04	0	0.04	0
0	0.01	0	0.01	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.09	0	0.09	0	0.07	0	0.07	0
0	0.43	0	0.43	0	0.35	0	0.35	0
0	0	0	0	0	0	0	0	0
0	0.16	0	0.16	0	0.14	0	0.14	0
---	---	---	---	---	---	---	---	---
0	0.59	0	0.59	0	0.48	0	0.48	0
0	0.06	0	0.06	0	0.05	0	0.05	0
0	0	0	0	0	0	0	0	0
0	0.02	0	0.02	0	0.01	0	0.01	0
---	---	---	---	---	---	---	---	---
0	0.07	0	0.07	0	0.06	0	0.06	0
0	0.16	0	0.16	0	0.14	0	0.14	0
0	0	0	0	0	0	0	0	0
0	0.01	0	0.01	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.17	0	0.17	0	0.14	0	0.14	0
0	0.01	0	0.01	0	0	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.02	0	0.02	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	17.34	0	17.34	0	14.9	0	14.9	0
0	0	0.01	0.01	0	0	0.02	0.02	0

APPENDIX "C" – Cont.
Amador County 2025 - Page 3 of 6 – *(.csv output format)*

LHDT1-CAT	LHDT1-DSL	LHDT1-TOT	LHDT2-NCAT	LHDT2-CAT	LHDT2-DSL	LHDT2-TOT	MHDT-NCAT	MHDT-CAT
987	222	1209	0	134	103	237	0	108
45	11	55	0	6	5	11	0	5
32631	2791	35423	0	4427	1295	5722	0	4948
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.01	0	0.01	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.01	0	0.01	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.03	0	0.03	0	0	0	0	0	0.01
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.05	0	0.05	0	0.01	0	0.01	0	0.01
0.01	0.01	0.02	0	0	0	0.01	0	0.01
0.01	0	0.01	0	0	0	0	0	0
0.09	0	0.09	0	0.01	0	0.01	0	0.04
---	---	---	---	---	---	---	---	---
0.11	0.01	0.12	0	0.02	0	0.02	0	0.05
0.01	0.02	0.03	0	0	0.01	0.01	0	0
0	0	0	0	0	0	0	0	0
0.07	0	0.07	0	0.01	0	0.01	0	0.01
---	---	---	---	---	---	---	---	---
0.08	0.02	0.1	0	0.01	0.01	0.02	0	0.01
0.03	0.01	0.04	0	0	0	0.01	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.03	0.01	0.04	0	0	0	0.01	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
3.52	0	3.52	0	0.5	0	0.5	0	0.4
0	0.56	0.56	0	0	0.26	0.26	0	0

APPENDIX "C" – Cont.
Amador County 2025 - Page 4 of 6 – *(.csv output format)*

MHDT-DSL	MHDT-TOT	HHDT-NCAT	HHDT-CAT	HHDT-DSL	HHDT-TOT	LHV-NCAT	LHV-CAT	LHV-DSL
392	500	0	27	467	494	0	0	0
23	28	0	2	75	76	0	0	0
10990	15939	0	1241	2364	3606	0	0	0
0	0	0	0.01	0.02	0.02	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0.01	0	0.01	0	0	0
---	---	---	---	---	---	---	---	---
0	0.01	0	0.01	0.02	0.03	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.01	0	0.01	0	0.01	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.01	0	0.03	0.02	0.05	0	0	0
0.03	0.04	0	0.13	0.1	0.23	0	0	0
0	0	0	0	0.02	0.02	0	0	0
0	0.04	0	0.09	0	0.09	0	0	0
---	---	---	---	---	---	---	---	---
0.03	0.09	0	0.22	0.12	0.34	0	0	0
0.05	0.05	0	0.03	0.21	0.23	0	0	0
0	0	0	0	0.07	0.07	0	0	0
0	0.01	0	0.02	0	0.02	0	0	0
---	---	---	---	---	---	---	---	---
0.05	0.06	0	0.05	0.28	0.32	0	0	0
0.04	0.04	0	0	0.18	0.18	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.04	0.04	0	0	0.18	0.18	0	0	0
0	0	0	0	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.4	0	0.17	0	0.17	0	0	0
3.39	3.39	0	0	16.42	16.42	0	0	0

APPENDIX "C" – Cont.
Amador County 2025 - Page 5 of 6 – *(.csv output format)*

LHV-TOT	SBUS-NCAT	SBUS-CAT	SBUS-DSL	SBUS-TOT	UB-NCAT	UB-CAT	UB-DSL	UB-TOT
0	0	10	54	64	0	24	18	42
0	0	0	2	3	0	3	2	5
0	0	40	215	254	0	96	71	167
0	0	0	0	0	0	0.01	0	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0.01	0	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0.01	0	0.01
0	0	0.01	0	0.01	0	0.07	0	0.07
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0.01	0	0.01
---	---	---	---	---	---	---	---	---
0	0	0.01	0.01	0.02	0	0.07	0	0.08
0	0	0	0.02	0.02	0	0.02	0.03	0.05
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0.02	0.02	0	0.02	0.03	0.05
0	0	0	0	0	0	0	0.01	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0.01	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0.04	0	0.04	0	0.25	0	0.25
0	0	0	0.36	0.36	0	0	0.52	0.52

APPENDIX "C" – Cont.
Amador County 2025 - Page 6 of 6 – *(.csv output format)*

MH-NCAT	MH-CAT	MH-DSL	MH-TOT	MCY-NCAT	MCY-CAT	MCY-DSL	MCY-TOT	ALL-TOT
0	2061	190	2251	427	777	0	1204	63785
0	32	3	34	3	7	0	10	2267
0	206	19	225	854	1554	0	2408	422052
0	0	0	0	0.02	0.02	0	0.04	0.13
0	0	0	0	0	0	0	0	0.01
0	0	0	0	0	0	0	0	0.09
---	---	---	---	---	---	---	---	---
0	0	0	0	0.02	0.02	0	0.04	0.23
0	0	0	0	0	0	0	0	0.04
0	0	0	0	0	0	0	0	0.04
0	0	0	0	0	0	0	0	0.28
0	0	0	0	0	0	0	0	0.03
---	---	---	---	---	---	---	---	---
0	0	0	0	0.02	0.03	0	0.05	0.61
0	0.03	0	0.03	0.25	0.07	0	0.33	2.89
0	0	0	0	0	0	0	0	0.04
0	0	0	0	0.01	0.02	0	0.02	1.09
---	---	---	---	---	---	---	---	---
0	0.03	0	0.03	0.26	0.09	0	0.35	4.01
0	0.01	0.01	0.02	0.01	0.01	0	0.01	0.68
0	0	0	0	0	0	0	0	0.08
0	0	0	0	0	0	0	0	0.17
---	---	---	---	---	---	---	---	---
0	0.01	0.01	0.02	0.01	0.01	0	0.01	0.93
0	0.02	0	0.03	0	0	0	0	1.35
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.04
---	---	---	---	---	---	---	---	---
0	0.02	0	0.03	0	0	0	0	1.39
0	0	0	0	0	0	0	0	0.04
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0.05
0	0	0	0	0	0	0	0	0.02
0	0	0	0	0	0	0	0	0.03
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0.1
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.01
0	2.35	0	2.35	0.1	0.2	0	0.29	118.11
0	0	0.43	0.43	0	0	0	0	22.04

APPENDIX "C" – Cont.

Calaveras County 2008 – Page 1 of 1 - *(.bur output format)*

```
Title    : Calaveras County Avg 2008 Summer
Version  : Emfac2002 V2.2 Apr 23 2003 ** WIS Enabled **
Run Date : 02/15/06 11:00:53
Scen Year: 2008 -- Model Years: 1965 to 2008
Season   : Summer
Area     : Calaveras County Average
I/M Stat : No I and M program in effect
Emissions: Tons Per Day
```

	- - - Light Duty Passenger Cars - - -				- - - - - Light Duty Trucks - - - - -				- - - - - Medium Duty Trucks - - - -				- - - - H e a v y D u t y T r u c k s - - -							
													----- Gasoline Trucks ------			Diesel	Total HD	Urban	Motor-	All
	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Total	Trucks	Trucks	Buses	cycles	Vehicles
Vehicles	728.	23876.	126.	24730.	1333.	26307.	1027.	28666.	187.	7169.	448.	7804.	250.	1957.	2207.	676.	2884.	16.	1458.	65558.
VMT/1000	5.	749.	2.	756.	18.	802.	24.	844.	2.	249.	20.	271.	3.	30.	32.	44.	76.	2.	11.	1960.
Trips	2987.	149065.	687.	152739.	5597.	162844.	6211.	174652.	1852.	68972.	4662.	75486.	4265.	7541.	11806.	7293.	19098.	65.	2916.	424956.
Reactive Organic Gas Emissions																				
Run Exh	0.03	0.13	0.00	0.16	0.11	0.23	0.00	0.34	0.02	0.06	0.01	0.09	0.02	0.04	0.07	0.03	0.10	0.01	0.03	0.73
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.02	0.13	0.00	0.14	0.03	0.16	0.00	0.19	0.01	0.06	0.00	0.07	0.05	0.03	0.08	0.00	0.08	0.00	0.01	0.49
Total Ex	0.04	0.26	0.00	0.31	0.14	0.39	0.00	0.53	0.03	0.13	0.01	0.16	0.07	0.07	0.14	0.03	0.18	0.01	0.04	1.23
Diurnal	0.01	0.05	0.00	0.06	0.01	0.07	0.00	0.08	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
Hot Soak	0.01	0.05	0.00	0.06	0.02	0.07	0.00	0.08	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
Running	0.06	0.16	0.00	0.22	0.06	0.33	0.00	0.39	0.01	0.09	0.00	0.10	0.02	0.03	0.05	0.00	0.05	0.00	0.01	0.77
Resting	0.00	0.03	0.00	0.03	0.01	0.04	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
Total	0.12	0.55	0.00	0.67	0.24	0.89	0.00	1.13	0.05	0.25	0.01	0.30	0.10	0.10	0.20	0.03	0.24	0.01	0.06	2.41
Carbon Monoxide Emissions																				
Run Exh	0.34	3.28	0.00	3.62	1.33	6.02	0.02	7.37	0.29	1.25	0.02	1.56	0.54	0.83	1.36	0.15	1.51	0.13	0.36	14.56
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.03
Start Ex	0.10	1.28	0.00	1.38	0.19	1.92	0.00	2.11	0.10	0.60	0.00	0.70	0.60	0.37	0.96	0.00	0.96	0.00	0.03	5.19
Total Ex	0.44	4.56	0.00	5.01	1.52	7.94	0.02	9.48	0.39	1.85	0.02	2.27	1.13	1.20	2.33	0.16	2.49	0.14	0.38	19.77
Oxides of Nitrogen Emissions																				
Run Exh	0.02	0.30	0.00	0.33	0.08	0.61	0.03	0.72	0.02	0.22	0.09	0.33	0.02	0.13	0.15	0.57	0.72	0.02	0.01	2.13
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.00	0.00	0.05
Start Ex	0.00	0.09	0.00	0.10	0.01	0.13	0.00	0.13	0.00	0.10	0.00	0.10	0.01	0.05	0.06	0.00	0.06	0.00	0.00	0.39
Total Ex	0.03	0.40	0.00	0.42	0.09	0.73	0.03	0.86	0.02	0.31	0.09	0.43	0.03	0.18	0.21	0.62	0.83	0.02	0.02	2.56
Carbon Dioxide Emissions (000)																				
Run Exh	0.00	0.33	0.00	0.33	0.01	0.43	0.01	0.45	0.00	0.18	0.01	0.19	0.00	0.02	0.02	0.09	0.12	0.00	0.00	1.09
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
Total Ex	0.00	0.34	0.00	0.34	0.01	0.45	0.01	0.47	0.00	0.19	0.01	0.20	0.00	0.02	0.02	0.10	0.12	0.00	0.00	1.14
PM10 Emissions																				
Run Exh	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.05
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Ex	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.05
TireWear	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
BrakeWr	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Total	0.00	0.03	0.00	0.03	0.00	0.03	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.10
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Fuel Consumption (000 gallons)																				
Gasoline	0.42	35.52	0.00	35.94	1.43	47.04	0.00	48.47	0.28	19.66	0.00	19.94	0.49	2.36	2.86	0.00	2.86	0.13	0.25	107.58
Diesel	0.00	0.00	0.07	0.07	0.00	0.00	0.83	0.83	0.00	0.00	0.97	0.97	0.00	0.00	0.00	8.75	8.75	0.12	0.00	10.75

APPENDIX "C" – Cont.

Calaveras County 2008 - Page 1 of 6 – *(.csv output format)*

Title :	Calaveras County Avg 2008 Summer Default Title	Season :	Summer
Version :	Emfac2002 V2.2 Apr 23 2003 ** WIS Enabled **	Area :	Calaveras County Average
Run Date :	06/07/06 11:24:29	I/M Stat :	No I and M program in effect
Scen Year :	2008 -- Model Years: 1965 to 2008	Emissions :	Tons Per Day

	LDA-NCAT	LDA-CAT	LDA-DSL	LDA-TOT	LDT1-NCAT	LDT1-CAT	LDT1-DSL	LDT1-TOT
Vehicles	728	23876	126	24730	1029	17417	919	19365
VMT/1000	5	749	2	756	14	511	21	546
Trips	2987	149065	687	152739	4317	106985	5552	116854
Reactive Organic Gas Emissions								
Run Exh	0.03	0.13	0	0.16	0.08	0.16	0	0.25
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0.02	0.13	0	0.14	0.02	0.11	0	0.14
	---	---	---	---	---	---	---	---
Total Ex	***0.04***	***0.26***	***0***	***0.31***	***0.11***	***0.28***	***0***	***0.39***
Diurnal	0.01	0.05	0	0.06	0.01	0.05	0	0.06
Hot Soak	0.01	0.05	0	0.06	0.01	0.05	0	0.06
Running	0.06	0.16	0	0.22	0.05	0.25	0	0.3
Resting	0	0.03	0	0.03	0.01	0.03	0	0.03
	---	---	---	---	---	---	---	---
Total	***0.12***	***0.55***	***0***	***0.67***	***0.18***	***0.66***	***0***	***0.84***
Carbon Monoxide Emissions								
Run Exh	0.34	3.28	0	3.62	1.03	4.38	0.02	5.42
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0.1	1.28	0	1.38	0.15	1.39	0	1.53
	---	---	---	---	---	---	---	---
Total Ex	***0.44***	***4.56***	***0***	***5.01***	***1.17***	***5.77***	***0.02***	***6.96***
Oxides of Nitrogen Emissions								
Run Exh	0.02	0.3	0	0.33	0.06	0.4	0.03	0.49
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.09	0	0.1	0.01	0.07	0	0.08
	---	---	---	---	---	---	---	---
Total Ex	***0.03***	***0.4***	***0***	***0.42***	***0.07***	***0.47***	***0.03***	***0.57***
Carbon Dioxide Emissions (000)								
Run Exh	0	0.33	0	0.33	0.01	0.27	0.01	0.29
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.01	0	0.01	0	0.01	0	0.01
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.34***	***0***	***0.34***	***0.01***	***0.28***	***0.01***	***0.3***
PM10 Emissions								
Run Exh	0	0.01	0	0.01	0	0.01	0	0.01
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0	0	0	0	0	0	0
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.01***	***0***	***0.01***	***0***	***0.01***	***0***	***0.01***
TireWear	0	0.01	0	0.01	0	0	0	0
BrakeWr	0	0.01	0	0.01	0	0.01	0	0.01
	---	---	---	---	---	---	---	---
Total	***0***	***0.03***	***0***	***0.03***	***0***	***0.02***	***0***	***0.02***
Lead	0	0	0	0	0	0	0	0
SOx	0	0	0	0	0	0	0	0
Fuel Consumption (000 gallons)								
Gasoline	0.42	35.52	0	35.94	1.11	30.08	0	31.18
Diesel	0	0	0.07	0.07	0	0	0.73	0.73

APPENDIX "C" – Cont.
Calaveras County 2008 - Page 2 of 6 – *(.csv output format)*

LDT2-NCAT	LDT2-CAT	LDT2-DSL	LDT2-TOT	MDV-NCAT	MDV-CAT	MDV-DSL	MDV-TOT	LHDT1-NCAT
304	8890	108	9302	151	6277	154	6582	36
4	290	3	297	2	204	4	210	0
1280	55860	659	57798	661	39500	959	41120	1191
0.03	0.06	0	0.09	0.02	0.06	0	0.07	0
0	0	0	0	0	0	0	0	0
0.01	0.05	0	0.06	0	0.05	0	0.05	0.01
---	---	---	---	---	---	---	---	---
0.03	0.11	0	0.14	0.02	0.1	0	0.12	0.01
0	0.02	0	0.02	0	0.01	0	0.01	0
0	0.02	0	0.02	0	0.01	0	0.01	0
0.01	0.08	0	0.09	0	0.06	0	0.07	0.01
0	0.01	0	0.01	0	0.01	0	0.01	0
---	---	---	---	---	---	---	---	---
0.05	0.23	0	0.29	0.03	0.2	0	0.23	0.02
0.3	1.64	0	1.95	0.27	1.17	0	1.44	0.03
0	0	0	0	0	0	0	0	0
0.04	0.53	0	0.58	0.04	0.43	0	0.47	0.06
---	---	---	---	---	---	---	---	---
0.35	2.17	0	2.52	0.3	1.61	0	1.91	0.09
0.02	0.21	0	0.23	0.02	0.19	0.01	0.22	0
0	0	0	0	0	0	0	0	0
0	0.05	0	0.05	0	0.04	0	0.04	0
---	---	---	---	---	---	---	---	---
0.02	0.26	0	0.29	0.02	0.24	0.01	0.26	0
0	0.16	0	0.16	0	0.15	0	0.15	0
0	0	0	0	0	0	0	0	0
0	0.01	0	0.01	0	0.01	0	0.01	0
---	---	---	---	---	---	---	---	---
0	0.16	0	0.17	0	0.16	0	0.16	0
0	0.01	0	0.01	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.33	16.96	0	17.29	0.21	16.25	0	16.47	0.06
0	0	0.1	0.1	0	0	0.15	0.15	0

APPENDIX "C" – Cont.
Calaveras County 2008 - Page 3 of 6 – *(.csv output format)*

LHDT1-CAT	LHDT1-DSL	LHDT1-TOT	LHDT2-NCAT	LHDT2-CAT	LHDT2-DSL	LHDT2-TOT	MHDT-NCAT	MHDT-CAT
783	181	1000	0	108	113	221	68	101
40	10	51	0	5	5	10	0	3
25900	2278	29369	0	3572	1425	4997	3088	4629
0	0	0.01	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.01	0	0.02	0	0	0	0	0.03	0.01
---	---	---	---	---	---	---	---	---
0.02	0	0.03	0	0	0	0.01	0.04	0.02
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.02	0	0.03	0	0.01	0	0.01	0.01	0.02
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.04	0	0.06	0	0.01	0	0.01	0.05	0.04
0.05	0.01	0.09	0	0.02	0.01	0.03	0.08	0.07
0.01	0	0.01	0	0	0	0	0	0
0.13	0	0.19	0	0.03	0	0.03	0.24	0.15
---	---	---	---	---	---	---	---	---
0.19	0.01	0.3	0	0.05	0.01	0.06	0.32	0.22
0.02	0.05	0.07	0	0	0.03	0.04	0	0.01
0	0	0	0	0	0	0	0	0
0.05	0	0.05	0	0.01	0	0.01	0	0.02
---	---	---	---	---	---	---	---	---
0.06	0.06	0.12	0	0.01	0.03	0.04	0.01	0.03
0.03	0.01	0.03	0	0	0	0.01	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.03	0.01	0.04	0	0	0	0.01	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
3.03	0	3.1	0	0.37	0	0.37	0.17	0.27
0	0.54	0.54	0	0	0.28	0.28	0	0

APPENDIX "C" – Cont.
Calaveras County 2008 - Page 4 of 6 – *(.csv output format)*

MHDT-DSL	MHDT-TOT	HHDT-NCAT	HHDT-CAT	HHDT-DSL	HHDT-TOT	LHV-NCAT	LHV-CAT	LHV-DSL
200	369	25	59	272	357	0	0	0
8	12	0	3	31	34	0	0	0
5615	13332	1155	2690	1379	5224	0	0	0
0	0.01	0.01	0.02	0.03	0.05	0	0	0
0	0	0	0	0	0	0	0	0
0	0.04	0.02	0.01	0	0.03	0	0	0
---	---	---	---	---	---	---	---	---
0	0.05	0.02	0.03	0.03	0.09	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.03	0.01	0.01	0	0.02	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.09	0.03	0.05	0.03	0.11	0	0	0
0.02	0.17	0.17	0.28	0.11	0.56	0	0	0
0	0	0	0	0.01	0.01	0	0	0
0	0.39	0.35	0.21	0	0.56	0	0	0
---	---	---	---	---	---	---	---	---
0.02	0.57	0.52	0.49	0.13	1.14	0	0	0
0.09	0.11	0.01	0.06	0.43	0.49	0	0	0
0	0	0	0	0.04	0.04	0	0	0
0	0.02	0.01	0.03	0	0.04	0	0	0
---	---	---	---	---	---	---	---	---
0.09	0.13	0.01	0.09	0.47	0.57	0	0	0
0.01	0.02	0	0	0.07	0.08	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.01	0.02	0	0	0.08	0.08	0	0	0
0	0	0	0	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.44	0.14	0.33	0	0.47	0	0	0
1.24	1.24	0	0	6.82	6.82	0	0	0

APPENDIX "C" – Cont.
Calaveras County 2008 - Page 5 of 6 – *(.csv output format)*

LHV-TOT	SBUS-NCAT	SBUS-CAT	SBUS-DSL	SBUS-TOT	UB-NCAT	UB-CAT	UB-DSL	UB-TOT
0	2	11	71	84	6	6	4	16
0	0	0	3	3	1	1	0	2
0	6	43	285	335	24	25	16	65
0	0	0	0	0	0	0	0	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0.01	0	0	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0.01	0	0	0.01
0	0.01	0.02	0.01	0.04	0.11	0.02	0	0.13
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.01	0.02	0.01	0.04	0.11	0.02	0	0.14
0	0	0	0.04	0.04	0	0	0.01	0.02
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0.04	0.04	0	0	0.01	0.02
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0.01	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.01	0.04	0	0.04	0.07	0.06	0	0.13
0	0	0	0.43	0.43	0	0	0.12	0.12

APPENDIX "C" – Cont.
Calaveras County 2008 - Page 6 of 6 – *(.csv output format)*

MH-NCAT	MH-CAT	MH-DSL	MH-TOT	MCY-NCAT	MCY-CAT	MCY-DSL	MCY-TOT	ALL-TOT
155	1786	132	2074	1141	317	0	1458	65558
2	23	2	27	8	3	0	11	1960
16	179	13	207	2281	635	0	2916	424956
0.01	0.02	0	0.03	0.03	0.01	0	0.03	0.73
0	0	0	0	0	0	0	0	0
0	0	0	0	0.01	0	0	0.01	0.49
---	---	---	---	---	---	---	---	---
0.01	0.02	0	0.03	0.03	0.01	0	0.04	1.23
0	0	0	0	0	0	0	0	0.16
0	0	0	0	0	0	0	0	0.17
0	0	0	0	0.01	0	0	0.01	0.77
0	0	0	0	0	0	0	0	0.09
---	---	---	---	---	---	---	---	---
0.01	0.02	0	0.03	0.04	0.01	0	0.06	2.41
0.28	0.46	0	0.74	0.31	0.05	0	0.36	14.56
0	0	0	0	0	0	0	0	0.03
0	0	0	0	0.02	0.01	0	0.03	5.19
---	---	---	---	---	---	---	---	---
0.28	0.46	0	0.74	0.33	0.06	0	0.38	19.77
0.01	0.06	0.02	0.08	0.01	0	0	0.01	2.13
0	0	0	0	0	0	0	0	0.05
0	0	0	0	0	0	0	0	0.39
---	---	---	---	---	---	---	---	---
0.01	0.06	0.02	0.08	0.01	0	0	0.02	2.56
0	0.02	0	0.02	0	0	0	0	1.09
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.04
---	---	---	---	---	---	---	---	---
0	0.02	0	0.02	0	0	0	0	1.14
0	0	0	0	0	0	0	0	0.05
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0.05
0	0	0	0	0	0	0	0	0.02
0	0	0	0	0	0	0	0	0.03
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0.1
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.01
0.18	1.73	0	1.9	0.19	0.06	0	0.25	107.58
0	0	0.26	0.26	0	0	0	0	10.75

APPENDIX "C" – Cont.

Calaveras County 2015 – Page 1 of 1 - *(.bur output format)*

```
Title    : Calaveras County Avg 2015 Summer With Angels Camp Bypass
Version  : Emfac2002 V2.2 Apr 23 2003 ** WIS Enabled **
Run Date : 02/14/06 15:28:35
Scen Year: 2015 -- Model Years: 1970 to 2015
Season   : Summer
Area     : Calaveras County Average
I/M Stat : No I and M program in effect
Emissions: Tons Per Day
```

	- - - Light Duty Passenger Cars - - -				- - - - - Light Duty Trucks - - - - -				- - - - - Medium Duty Trucks - - - -				- - - - H e a v y D u t y T r u c k s - - -							
													----- Gasoline Trucks ------			Diesel	Total HD	Urban	Motor-	All
	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Total	Trucks	Trucks	Buses	cycles	Vehicles
Vehicles	132.	28015.	45.	28192.	386.	32316.	580.	33282.	58.	8232.	342.	8632.	62.	2528.	2590.	737.	3327.	16.	1371.	74820.
VMT/1000	1.	922.	1.	923.	5.	1009.	11.	1025.	1.	271.	13.	285.	1.	36.	37.	50.	87.	2.	11.	2332.
Trips	511.	175140.	223.	175874.	1503.	199577.	3271.	204350.	427.	71939.	3634.	76000.	1050.	5789.	6839.	7301.	14140.	64.	2742.	473170.
Reactive Organic Gas Emissions																				
Run Exh	0.00	0.05	0.00	0.06	0.03	0.12	0.00	0.15	0.01	0.03	0.00	0.04	0.01	0.02	0.03	0.02	0.05	0.01	0.03	0.33
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.06	0.00	0.07	0.01	0.10	0.00	0.11	0.00	0.04	0.00	0.04	0.01	0.02	0.03	0.00	0.03	0.00	0.01	0.25
Total Ex	0.01	0.12	0.00	0.12	0.04	0.22	0.00	0.26	0.01	0.08	0.00	0.09	0.02	0.04	0.06	0.02	0.08	0.01	0.03	0.59
Diurnal	0.00	0.03	0.00	0.03	0.00	0.05	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
Hot Soak	0.00	0.03	0.00	0.03	0.00	0.05	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
Running	0.01	0.09	0.00	0.10	0.01	0.29	0.00	0.30	0.00	0.08	0.00	0.08	0.00	0.03	0.04	0.00	0.04	0.00	0.00	0.52
Resting	0.00	0.02	0.00	0.02	0.00	0.03	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
Total	0.02	0.29	0.00	0.31	0.06	0.64	0.00	0.70	0.01	0.18	0.00	0.20	0.02	0.07	0.10	0.02	0.12	0.01	0.04	1.37
Carbon Monoxide Emissions																				
Run Exh	0.05	1.68	0.00	1.73	0.35	3.62	0.01	3.97	0.09	0.82	0.01	0.93	0.13	0.43	0.56	0.09	0.65	0.04	0.24	7.56
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.02
Start Ex	0.02	0.73	0.00	0.75	0.05	1.24	0.00	1.29	0.02	0.40	0.00	0.43	0.14	0.25	0.38	0.00	0.38	0.00	0.03	2.88
Total Ex	0.06	2.41	0.00	2.48	0.40	4.85	0.01	5.26	0.12	1.23	0.01	1.36	0.27	0.68	0.95	0.10	1.05	0.04	0.26	10.46
Oxides of Nitrogen Emissions																				
Run Exh	0.00	0.14	0.00	0.15	0.02	0.36	0.01	0.39	0.00	0.13	0.04	0.17	0.00	0.08	0.08	0.28	0.36	0.02	0.01	1.10
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.04
Start Ex	0.00	0.06	0.00	0.06	0.00	0.09	0.00	0.10	0.00	0.09	0.00	0.09	0.00	0.03	0.04	0.00	0.04	0.00	0.00	0.28
Total Ex	0.00	0.20	0.00	0.21	0.02	0.45	0.01	0.49	0.01	0.22	0.04	0.26	0.01	0.11	0.12	0.32	0.44	0.02	0.01	1.43
Carbon Dioxide Emissions (000)																				
Run Exh	0.00	0.40	0.00	0.40	0.00	0.54	0.00	0.55	0.00	0.20	0.01	0.21	0.00	0.03	0.03	0.11	0.14	0.00	0.00	1.30
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
Total Ex	0.00	0.41	0.00	0.41	0.00	0.56	0.00	0.57	0.00	0.21	0.01	0.21	0.00	0.03	0.03	0.11	0.14	0.00	0.00	1.34
PM10 Emissions																				
Run Exh	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.04
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Ex	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.05
TireWear	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
BrakeWr	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Total	0.00	0.03	0.00	0.03	0.00	0.04	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.10
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOx	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Fuel Consumption (000 gallons)																				
Gasoline	0.06	42.47	0.00	42.53	0.38	58.62	0.00	59.00	0.08	21.41	0.00	21.49	0.12	2.72	2.84	0.00	2.84	0.09	0.25	126.20
Diesel	0.00	0.00	0.02	0.02	0.00	0.00	0.39	0.39	0.00	0.00	0.65	0.65	0.00	0.00	0.00	10.09	10.09	0.18	0.00	11.32

APPENDIX "C" – Cont.

Calaveras County 2015 With Bypass - Page 1 of 6 – *(.csv output format)*

Title	: Calaveras County Avg 2015 With Angels Camp Bypass Summer	Season	: Summer
		Area	: Calaveras County Average
Version	: Emfac2002 V2.2 Apr 23 2003 ** WIS Enabled **	I/M Stat	: No I and M program in effect
Run Date	: 06/02/06 06:47:53	Emissions	: Tons Per Day
Scen Year	: 2015 -- Model Years: 1970 to 2015		

	LDA-NCAT	LDA-CAT	LDA-DSL	LDA-TOT	LDT1-NCAT	LDT1-CAT	LDT1-DSL	LDT1-TOT
Vehicles	132	28015	45	28192	309	21684	521	22514
VMT/1000	1	922	1	923	4	668	10	682
Trips	511	175140	223	175874	1202	132986	2927	137115
Reactive Organic Gas Emissions								
Run Exh	0	0.05	0	0.06	0.02	0.09	0	0.12
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.06	0	0.07	0.01	0.07	0	0.08
	---	---	---	---	---	---	---	---
Total Ex	***0.01***	***0.12***	***0***	***0.12***	***0.03***	***0.16***	***0***	***0.19***
Diurnal	0	0.03	0	0.03	0	0.04	0	0.04
Hot Soak	0	0.03	0	0.03	0	0.04	0	0.04
Running	0.01	0.09	0	0.1	0.01	0.22	0	0.23
Resting	0	0.02	0	0.02	0	0.02	0	0.02
	---	---	---	---	---	---	---	---
Total	***0.02***	***0.29***	***0***	***0.31***	***0.05***	***0.47***	***0***	***0.52***
Carbon Monoxide Emissions								
Run Exh	0.05	1.68	0	1.73	0.28	2.61	0.01	2.9
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0.02	0.73	0	0.75	0.04	0.89	0	0.93
	---	---	---	---	---	---	---	---
Total Ex	***0.06***	***2.41***	***0***	***2.48***	***0.32***	***3.5***	***0.01***	***3.83***
Oxides of Nitrogen Emissions								
Run Exh	0	0.14	0	0.15	0.02	0.24	0.01	0.27
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.06	0	0.06	0	0.06	0	0.06
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.2***	***0***	***0.21***	***0.02***	***0.29***	***0.01***	***0.32***
Carbon Dioxide Emissions (000)								
Run Exh	0	0.4	0	0.4	0	0.36	0	0.37
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.01	0	0.01	0	0.01	0	0.01
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.41***	***0***	***0.41***	***0***	***0.37***	***0***	***0.38***
PM10 Emissions								
Run Exh	0	0.01	0	0.01	0	0.01	0	0.01
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0	0	0	0	0	0	0
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.01***	***0***	***0.01***	***0***	***0.01***	***0***	***0.01***
TireWear	0	0.01	0	0.01	0	0.01	0	0.01
BrakeWr	0	0.01	0	0.01	0	0.01	0	0.01
	---	---	---	---	---	---	---	---
Total	***0***	***0.03***	***0***	***0.03***	***0***	***0.02***	***0***	***0.03***
Lead	0	0	0	0	0	0	0	0
SOx	0	0	0	0	0	0	0	0
Fuel Consumption (000 gallons)								
Gasoline	0.06	42.47	0	42.53	0.3	38.74	0	39.04
Diesel	0	0	0.02	0.02	0	0	0.34	0.34

APPENDIX "C" – Cont.
Calaveras County 2015 With Bypass - Page 2 of 6 – *(.csv output format)*

LDT2-NCAT	LDT2-CAT	LDT2-DSL	LDT2-TOT	MDV-NCAT	MDV-CAT	MDV-DSL	MDV-TOT	LHDT1-NCAT
77	10632	59	10768	52	7467	100	7619	7
1	341	1	343	1	237	2	239	0
300	66592	343	67235	205	46650	596	47452	221
0.01	0.03	0	0.04	0.01	0.03	0	0.04	0
0	0	0	0	0	0	0	0	0
0	0.03	0	0.03	0	0.03	0	0.03	0
---	---	---	---	---	---	---	---	---
0.01	0.06	0	0.07	0.01	0.06	0	0.07	0
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0.07	0	0.07	0	0.06	0	0.06	0
0	0.01	0	0.01	0	0.01	0	0.01	0
---	---	---	---	---	---	---	---	---
0.01	0.16	0	0.17	0.01	0.14	0	0.15	0
0.07	1	0	1.07	0.09	0.8	0	0.88	0.01
0	0	0	0	0	0	0	0	0
0.01	0.35	0	0.36	0.01	0.31	0	0.32	0.01
---	---	---	---	---	---	---	---	---
0.08	1.35	0	1.43	0.1	1.1	0	1.2	0.02
0	0.12	0	0.13	0	0.12	0	0.12	0
0	0	0	0	0	0	0	0	0
0	0.04	0	0.04	0	0.03	0	0.04	0
---	---	---	---	---	---	---	---	---
0	0.16	0	0.17	0.01	0.15	0	0.16	0
0	0.19	0	0.19	0	0.18	0	0.18	0
0	0	0	0	0	0	0	0	0
0	0.01	0	0.01	0	0.01	0	0.01	0
---	---	---	---	---	---	---	---	---
0	0.19	0	0.19	0	0.18	0	0.18	0
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.02	0	0.02	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.08	19.88	0	19.96	0.07	18.81	0	18.88	0.01
0	0	0.04	0.04	0	0	0.08	0.08	0

APPENDIX "C" – Cont.
Calaveras County 2015 With Bypass - Page 3 of 6 – *(.csv output format)*

LHDT1-CAT	LHDT1-DSL	LHDT1-TOT	LHDT2-NCAT	LHDT2-CAT	LHDT2-DSL	LHDT2-TOT	MHDT-NCAT	MHDT-CAT
670	153	830	0	95	88	183	17	81
30	7	38	0	4	4	7	0	2
22150	1929	24300	0	3139	1108	4248	799	3722
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.01	0	0.01	0	0	0	0	0.01	0.01
---	---	---	---	---	---	---	---	---
0.01	0	0.02	0	0	0	0	0.01	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.02	0	0.02	0	0.01	0	0.01	0	0.02
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.03	0	0.04	0	0.01	0	0.01	0.01	0.03
0.02	0.01	0.03	0	0.01	0	0.01	0.02	0.03
0.01	0	0.01	0	0	0	0	0	0
0.08	0	0.09	0	0.02	0	0.02	0.06	0.1
---	---	---	---	---	---	---	---	---
0.11	0.01	0.13	0	0.02	0	0.03	0.08	0.12
0.01	0.02	0.03	0	0	0.01	0.02	0	0.01
0	0	0	0	0	0	0	0	0
0.05	0	0.05	0	0.01	0	0.01	0	0.01
---	---	---	---	---	---	---	---	---
0.06	0.02	0.08	0	0.01	0.01	0.02	0	0.02
0.02	0	0.03	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.02	0	0.03	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
2.3	0	2.31	0	0.3	0	0.3	0.04	0.22
0	0.38	0.38	0	0	0.18	0.18	0	0

APPENDIX "C" – Cont.
Calaveras County 2015 With Bypass - Page 4 of 6 – *(.csv output format)*

MHDT-DSL	MHDT-TOT	HHDT-NCAT	HHDT-CAT	HHDT-DSL	HHDT-TOT	LHV-NCAT	LHV-CAT	LHV-DSL
204	303	5	39	251	295	0	0	0
9	12	0	1	35	37	0	0	0
5723	10243	245	1787	1270	3301	0	0	0
0	0.01	0	0.01	0.01	0.02	0	0	0
0	0	0	0	0	0	0	0	0
0	0.01	0	0.01	0	0.01	0	0	0
---	---	---	---	---	---	---	---	---
0	0.02	0.01	0.02	0.02	0.04	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.02	0	0.01	0	0.01	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.04	0.01	0.03	0.02	0.05	0	0	0
0.02	0.06	0.04	0.12	0.06	0.21	0	0	0
0	0	0	0	0.01	0.01	0	0	0
0	0.16	0.08	0.14	0	0.22	0	0	0
---	---	---	---	---	---	---	---	---
0.02	0.22	0.11	0.26	0.07	0.45	0	0	0
0.05	0.05	0	0.02	0.19	0.21	0	0	0
0	0	0	0	0.04	0.04	0	0	0
0	0.01	0	0.02	0	0.02	0	0	0
---	---	---	---	---	---	---	---	---
0.05	0.07	0	0.04	0.23	0.27	0	0	0
0.02	0.02	0	0	0.08	0.09	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.02	0.02	0	0	0.09	0.09	0	0	0
0	0	0	0	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.26	0.03	0.16	0	0.19	0	0	0
1.43	1.43	0	0	7.82	7.82	0	0	0

APPENDIX "C" – Cont.
Calaveras County 2015 With Bypass - Page 5 of 6 – *(.csv output format)*

LHV-TOT	SBUS-NCAT	SBUS-CAT	SBUS-DSL	SBUS-TOT	UB-NCAT	UB-CAT	UB-DSL	UB-TOT
0	1	10	72	83	1	9	6	16
0	0	0	3	3	0	1	1	2
0	2	41	287	331	4	36	25	64
0	0	0	0	0	0	0	0	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0.01	0	0.01
0	0	0.01	0.01	0.02	0.02	0.02	0	0.04
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0.01	0.01	0.03	0.02	0.02	0	0.04
0	0	0	0.03	0.03	0	0.01	0.01	0.02
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0.03	0.03	0	0.01	0.01	0.02
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0.01	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0.03	0	0.04	0.01	0.08	0	0.09
0	0	0	0.43	0.43	0	0	0.18	0.18

APPENDIX "C" – Cont.
Calaveras County 2015 With Bypass - Page 6 of 6 – *(.csv output format)*

MH-NCAT	MH-CAT	MH-DSL	MH-TOT	MCY-NCAT	MCY-CAT	MCY-DSL	MCY-TOT	ALL-TOT
39	2397	210	2646	678	693	0	1371	74820
0	32	3	35	5	6	0	11	2332
4	240	21	265	1356	1386	0	2742	473170
0	0.01	0	0.02	0.02	0.01	0	0.03	0.33
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.01	0.25
---	---	---	---	---	---	---	---	---
0	0.01	0	0.02	0.02	0.01	0	0.03	0.59
0	0	0	0	0	0	0	0	0.1
0	0	0	0	0	0	0	0	0.1
0	0	0	0	0	0	0	0	0.52
0	0	0	0	0	0	0	0	0.06
---	---	---	---	---	---	---	---	---
0	0.01	0	0.02	0.02	0.02	0	0.04	1.37
0.07	0.28	0	0.35	0.17	0.07	0	0.24	7.56
0	0	0	0	0	0	0	0	0.02
0	0	0	0	0.01	0.02	0	0.03	2.88
---	---	---	---	---	---	---	---	---
0.07	0.28	0	0.35	0.18	0.08	0	0.26	10.46
0	0.04	0.02	0.06	0.01	0.01	0	0.01	1.1
0	0	0	0	0	0	0	0	0.04
0	0	0	0	0	0	0	0	0.28
---	---	---	---	---	---	---	---	---
0	0.05	0.02	0.06	0.01	0.01	0	0.01	1.43
0	0.02	0	0.03	0	0	0	0	1.3
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.04
---	---	---	---	---	---	---	---	---
0	0.02	0	0.03	0	0	0	0	1.34
0	0	0	0	0	0	0	0	0.04
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0.05
0	0	0	0	0	0	0	0	0.02
0	0	0	0	0	0	0	0	0.03
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0.1
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.01
0.04	2.31	0	2.35	0.11	0.14	0	0.25	126.2
0	0	0.42	0.42	0	0	0	0	11.32

APPENDIX "C" – Cont.

Calaveras County 2015 Without Bypass – Page 1 of 1 - *(.bur output format)*

```
Title    : Calaveras County Avg 2015 Summer Without Angels Camp Bypass
Version  : Emfac2002 V2.2 Apr 23 2003 ** WIS Enabled **
Run Date : 02/14/06 15:39:09
Scen Year: 2015 -- Model Years: 1970 to 2015
Season   : Summer
Area     : Calaveras County Average
I/M Stat : No I and M program in effect
Emissions: Tons Per Day
```

	- - - Light Duty Passenger Cars - - -				- - - - - Light Duty Trucks - - - - -				- - - - - Medium Duty Trucks - - - -				- - - - H e a v y D u t y T r u c k s - - -							
													----- Gasoline Trucks ------			Diesel	Total HD	Urban	Motor-	All
	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Total	Trucks	Trucks	Buses	cycles	Vehicles
Vehicles	132.	28005.	45.	28183.	386.	32304.	580.	33270.	58.	8229.	342.	8629.	62.	2527.	2589.	737.	3326.	16.	1371.	74794.
VMT/1000	1.	922.	1.	923.	5.	1008.	11.	1024.	1.	271.	13.	284.	1.	36.	37.	50.	87.	2.	11.	2331.
Trips	511.	175079.	222.	175813.	1502.	199508.	3269.	204279.	427.	71914.	3633.	75974.	1049.	5787.	6836.	7299.	14135.	64.	2741.	473006.
Reactive Organic Gas Emissions																				
Run Exh	0.00	0.05	0.00	0.06	0.03	0.13	0.00	0.16	0.01	0.03	0.00	0.04	0.01	0.02	0.03	0.02	0.05	0.01	0.03	0.34
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.06	0.00	0.07	0.01	0.10	0.00	0.11	0.00	0.04	0.00	0.04	0.01	0.02	0.03	0.00	0.03	0.00	0.01	0.25
Total Ex	0.01	0.12	0.00	0.12	0.04	0.22	0.00	0.26	0.01	0.08	0.00	0.09	0.02	0.04	0.06	0.02	0.08	0.01	0.03	0.59
Diurnal	0.00	0.03	0.00	0.03	0.00	0.05	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
Hot Soak	0.00	0.03	0.00	0.03	0.00	0.05	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
Running	0.01	0.09	0.00	0.10	0.01	0.29	0.00	0.30	0.00	0.08	0.00	0.08	0.00	0.03	0.04	0.00	0.04	0.00	0.00	0.52
Resting	0.00	0.02	0.00	0.02	0.00	0.03	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
Total	0.02	0.29	0.00	0.31	0.06	0.64	0.00	0.70	0.01	0.18	0.00	0.20	0.02	0.07	0.10	0.02	0.12	0.01	0.04	1.37
Carbon Monoxide Emissions																				
Run Exh	0.05	1.69	0.00	1.73	0.35	3.62	0.01	3.98	0.09	0.82	0.01	0.93	0.13	0.44	0.57	0.09	0.66	0.04	0.23	7.57
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.02
Start Ex	0.02	0.73	0.00	0.75	0.05	1.24	0.00	1.29	0.02	0.40	0.00	0.43	0.14	0.25	0.38	0.00	0.38	0.00	0.03	2.87
Total Ex	0.06	2.41	0.00	2.48	0.40	4.86	0.01	5.27	0.12	1.23	0.01	1.36	0.27	0.68	0.95	0.10	1.06	0.04	0.26	10.47
Oxides of Nitrogen Emissions																				
Run Exh	0.00	0.15	0.00	0.15	0.02	0.36	0.01	0.39	0.00	0.13	0.04	0.17	0.00	0.08	0.08	0.28	0.36	0.02	0.01	1.10
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.04
Start Ex	0.00	0.06	0.00	0.06	0.00	0.09	0.00	0.10	0.00	0.09	0.00	0.09	0.00	0.03	0.04	0.00	0.04	0.00	0.00	0.28
Total Ex	0.00	0.20	0.00	0.21	0.02	0.45	0.01	0.49	0.01	0.22	0.04	0.26	0.01	0.11	0.12	0.32	0.44	0.02	0.01	1.43
Carbon Dioxide Emissions (000)																				
Run Exh	0.00	0.40	0.00	0.40	0.00	0.55	0.00	0.55	0.00	0.20	0.01	0.21	0.00	0.03	0.03	0.11	0.14	0.00	0.00	1.30
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
Total Ex	0.00	0.41	0.00	0.41	0.00	0.57	0.00	0.57	0.00	0.21	0.01	0.22	0.00	0.03	0.03	0.11	0.14	0.00	0.00	1.34
PM10 Emissions																				
Run Exh	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.04
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Ex	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.05
TireWear	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
BrakeWr	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Total	0.00	0.03	0.00	0.03	0.00	0.04	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.10
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOx	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Fuel Consumption (000 gallons)																				
Gasoline	0.06	42.57	0.00	42.63	0.38	58.76	0.00	59.14	0.08	21.47	0.00	21.55	0.12	2.73	2.85	0.00	2.85	0.09	0.25	126.51
Diesel	0.00	0.00	0.02	0.02	0.00	0.00	0.38	0.38	0.00	0.00	0.65	0.65	0.00	0.00	0.00	10.09	10.09	0.18	0.00	11.32

APPENDIX "C" – Cont.

Calaveras County 2015 Without Bypass - Page 1 of 6 – *(.csv output format)*

Title :	Calaveras County Avg 2015 Without Angels Camp Bypass Summer	Season :	Summer
		Area :	Calaveras County Average
Version :	Emfac2002 V2.2 Apr 23 2003 ** WIS Enabled **	I/M Stat :	No I and M program in effect
Run Date :	06/02/06 06:51:11	Emissions :	Tons Per Day
Scen Year :	2015 -- Model Years: 1970 to 2015		

	LDA-NCAT	LDA-CAT	LDA-DSL	LDA-TOT	LDT1-NCAT	LDT1-CAT	LDT1-DSL	LDT1-TOT
Vehicles	132	28005	45	28183	309	21677	521	22506
VMT/1000	1	922	1	923	4	668	10	681
Trips	511	175079	222	175813	1202	132940	2926	137068
Reactive Organic Gas Emissions								
Run Exh	0	0.05	0	0.06	0.02	0.09	0	0.12
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.06	0	0.07	0.01	0.07	0	0.07
	---	---	---	---	---	---	---	---
Total Ex	***0.01***	***0.12***	***0***	***0.12***	***0.03***	***0.16***	***0***	***0.19***
Diurnal	0	0.03	0	0.03	0	0.04	0	0.04
Hot Soak	0	0.03	0	0.03	0	0.04	0	0.04
Running	0.01	0.09	0	0.1	0.01	0.22	0	0.23
Resting	0	0.02	0	0.02	0	0.02	0	0.02
	---	---	---	---	---	---	---	---
Total	***0.02***	***0.29***	***0***	***0.31***	***0.05***	***0.47***	***0***	***0.52***
Carbon Monoxide Emissions								
Run Exh	0.05	1.69	0	1.73	0.28	2.62	0.01	2.9
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0.02	0.73	0	0.75	0.04	0.89	0	0.93
	---	---	---	---	---	---	---	---
Total Ex	***0.06***	***2.41***	***0***	***2.48***	***0.32***	***3.51***	***0.01***	***3.83***
Oxides of Nitrogen Emissions								
Run Exh	0	0.15	0	0.15	0.02	0.24	0.01	0.27
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.06	0	0.06	0	0.06	0	0.06
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.2***	***0***	***0.21***	***0.02***	***0.29***	***0.01***	***0.32***
Carbon Dioxide Emissions (000)								
Run Exh	0	0.4	0	0.4	0	0.36	0	0.37
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.01	0	0.01	0	0.01	0	0.01
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.41***	***0***	***0.41***	***0***	***0.37***	***0***	***0.38***
PM10 Emissions								
Run Exh	0	0.01	0	0.01	0	0.01	0	0.01
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0	0	0	0	0	0	0
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.01***	***0***	***0.01***	***0***	***0.01***	***0***	***0.01***
TireWear	0	0.01	0	0.01	0	0.01	0	0.01
BrakeWr	0	0.01	0	0.01	0	0.01	0	0.01
	---	---	---	---	---	---	---	---
Total	***0***	***0.03***	***0***	***0.03***	***0***	***0.02***	***0***	***0.03***
Lead	0	0	0	0	0	0	0	0
SOx	0	0	0	0	0	0	0	0
Fuel Consumption (000 gallons)								
Gasoline	0.06	42.57	0	42.63	0.3	38.83	0	39.13
Diesel	0	0	0.02	0.02	0	0	0.34	0.34

APPENDIX "C" – Cont.
Calaveras County 2015 Without Bypass - Page 2 of 6 – *(.csv output format)*

LDT2-NCAT	LDT2-CAT	LDT2-DSL	LDT2-TOT	MDV-NCAT	MDV-CAT	MDV-DSL	MDV-TOT	LHDT1-NCAT
77	10628	59	10764	52	7465	100	7616	7
1	341	1	343	1	236	2	239	0
300	66568	343	67212	205	46633	596	47435	221
0.01	0.03	0	0.04	0.01	0.03	0	0.04	0
0	0	0	0	0	0	0	0	0
0	0.03	0	0.03	0	0.03	0	0.03	0
---	---	---	---	---	---	---	---	---
0.01	0.06	0	0.07	0.01	0.06	0	0.07	0
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0.07	0	0.07	0	0.06	0	0.06	0
0	0.01	0	0.01	0	0.01	0	0.01	0
---	---	---	---	---	---	---	---	---
0.01	0.16	0	0.18	0.01	0.14	0	0.15	0
0.07	1	0	1.08	0.09	0.8	0	0.89	0.01
0	0	0	0	0	0	0	0	0
0.01	0.35	0	0.36	0.01	0.31	0	0.32	0.01
---	---	---	---	---	---	---	---	---
0.08	1.35	0	1.43	0.1	1.1	0	1.2	0.02
0	0.12	0	0.13	0	0.12	0	0.12	0
0	0	0	0	0	0	0	0	0
0	0.04	0	0.04	0	0.03	0	0.04	0
---	---	---	---	---	---	---	---	---
0	0.16	0	0.17	0.01	0.15	0	0.16	0
0	0.19	0	0.19	0	0.18	0	0.18	0
0	0	0	0	0	0	0	0	0
0	0.01	0	0.01	0	0.01	0	0.01	0
---	---	---	---	---	---	---	---	---
0	0.19	0	0.19	0	0.18	0	0.18	0
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.02	0	0.02	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.08	19.93	0	20.01	0.07	18.86	0	18.92	0.01
0	0	0.04	0.04	0	0	0.08	0.08	0

APPENDIX "C" – Cont.
Calaveras County 2015 Without Bypass - Page 3 of 6 – *(.csv output format)*

LHDT1-CAT	LHDT1-DSL	LHDT1-TOT	LHDT2-NCAT	LHDT2-CAT	LHDT2-DSL	LHDT2-TOT	MHDT-NCAT	MHDT-CAT
670	153	830	0	95	88	183	17	81
30	7	38	0	4	4	7	0	2
22142	1928	24292	0	3138	1108	4246	799	3720
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.01	0	0.01	0	0	0	0	0.01	0.01
---	---	---	---	---	---	---	---	---
0.01	0	0.02	0	0	0	0	0.01	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.02	0	0.02	0	0.01	0	0.01	0	0.02
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.03	0	0.04	0	0.01	0	0.01	0.01	0.03
0.02	0.01	0.03	0	0.01	0	0.01	0.02	0.03
0.01	0	0.01	0	0	0	0	0	0
0.08	0	0.09	0	0.02	0	0.02	0.06	0.1
---	---	---	---	---	---	---	---	---
0.11	0.01	0.13	0	0.02	0	0.03	0.08	0.12
0.01	0.02	0.03	0	0	0.01	0.02	0	0.01
0	0	0	0	0	0	0	0	0
0.05	0	0.05	0	0.01	0	0.01	0	0.01
---	---	---	---	---	---	---	---	---
0.06	0.02	0.08	0	0.01	0.01	0.02	0	0.02
0.02	0	0.03	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.02	0	0.03	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
2.31	0	2.32	0	0.3	0	0.3	0.04	0.22
0	0.38	0.38	0	0	0.18	0.18	0	0

APPENDIX "C" – Cont.
Calaveras County 2015 Without Bypass - Page 4 of 6 – *(.csv output format)*

MHDT-DSL	MHDT-TOT	HHDT-NCAT	HHDT-CAT	HHDT-DSL	HHDT-TOT	LHV-NCAT	LHV-CAT	LHV-DSL
204	303	5	39	251	295	0	0	0
9	12	0	1	35	37	0	0	0
5721	10240	245	1786	1269	3300	0	0	0
0	0.01	0	0.01	0.01	0.02	0	0	0
0	0	0	0	0	0	0	0	0
0	0.01	0	0.01	0	0.01	0	0	0
---	---	---	---	---	---	---	---	---
0	0.02	0.01	0.02	0.02	0.04	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.02	0	0.01	0	0.01	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.04	0.01	0.03	0.02	0.05	0	0	0
0.02	0.06	0.04	0.12	0.06	0.22	0	0	0
0	0	0	0	0.01	0.01	0	0	0
0	0.16	0.08	0.14	0	0.22	0	0	0
---	---	---	---	---	---	---	---	---
0.02	0.22	0.11	0.26	0.08	0.45	0	0	0
0.05	0.05	0	0.02	0.19	0.21	0	0	0
0	0	0	0	0.04	0.04	0	0	0
0	0.01	0	0.02	0	0.02	0	0	0
---	---	---	---	---	---	---	---	---
0.05	0.07	0	0.04	0.23	0.27	0	0	0
0.02	0.02	0	0	0.08	0.09	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.02	0.02	0	0	0.09	0.09	0	0	0
0	0	0	0	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.26	0.03	0.16	0	0.19	0	0	0
1.42	1.42	0	0	7.81	7.81	0	0	0

APPENDIX "C" – Cont.
Calaveras County 2015 Without Bypass - Page 5 of 6 – *(.csv output format)*

LHV-TOT	SBUS-NCAT	SBUS-CAT	SBUS-DSL	SBUS-TOT	UB-NCAT	UB-CAT	UB-DSL	UB-TOT
0	1	10	72	83	1	9	6	16
0	0	0	3	3	0	1	1	2
0	2	41	287	330	4	36	25	64
0	0	0	0	0	0	0	0	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0.01	0	0.01
0	0	0.01	0.01	0.02	0.02	0.02	0	0.04
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0.01	0.01	0.03	0.02	0.02	0	0.04
0	0	0	0.03	0.03	0	0.01	0.01	0.02
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0.03	0.03	0	0.01	0.01	0.02
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0.01	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0.03	0	0.04	0.01	0.08	0	0.09
0	0	0	0.43	0.43	0	0	0.18	0.18

APPENDIX "C" – Cont.
Calaveras County 2015 Without Bypass - Page 6 of 6 – *(.csv output format)*

MH-NCAT	MH-CAT	MH-DSL	MH-TOT	MCY-NCAT	MCY-CAT	MCY-DSL	MCY-TOT	ALL-TOT
39	2396	210	2645	678	693	0	1371	74794
0	32	3	35	5	6	0	11	2331
4	240	21	265	1356	1386	0	2741	473006
0	0.01	0	0.02	0.02	0.01	0	0.03	0.34
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.01	0.25
---	---	---	---	---	---	---	---	---
0	0.01	0	0.02	0.02	0.01	0	0.03	0.59
0	0	0	0	0	0	0	0	0.1
0	0	0	0	0	0	0	0	0.1
0	0	0	0	0	0	0	0	0.52
0	0	0	0	0	0	0	0	0.06
---	---	---	---	---	---	---	---	---
0	0.01	0	0.02	0.02	0.02	0	0.04	1.37
0.07	0.28	0	0.35	0.17	0.07	0	0.23	7.57
0	0	0	0	0	0	0	0	0.02
0	0	0	0	0.01	0.02	0	0.03	2.87
---	---	---	---	---	---	---	---	---
0.07	0.28	0	0.36	0.18	0.08	0	0.26	10.47
0	0.04	0.02	0.06	0.01	0.01	0	0.01	1.1
0	0	0	0	0	0	0	0	0.04
0	0	0	0	0	0	0	0	0.28
---	---	---	---	---	---	---	---	---
0	0.05	0.02	0.06	0.01	0.01	0	0.01	1.43
0	0.02	0	0.03	0	0	0	0	1.3
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.04
---	---	---	---	---	---	---	---	---
0	0.02	0	0.03	0	0	0	0	1.34
0	0	0	0	0	0	0	0	0.04
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0.05
0	0	0	0	0	0	0	0	0.02
0	0	0	0	0	0	0	0	0.03
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0.1
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.01
0.04	2.32	0	2.36	0.11	0.14	0	0.25	126.51
0	0	0.42	0.42	0	0	0	0	11.32

APPENDIX "C" – Cont.

Calaveras County 2025 With Bypass – Page 1 of 1 - *(.bur output format)*

```
Title    : Calaveras County Avg 2025 Summer With Angels Camp Bypass
Version  : Emfac2002 V2.2 Apr 23 2003 ** WIS Enabled **
Run Date : 02/15/06 09:11:22
Scen Year: 2025 -- Model Years: 1980 to 2025
Season   : Summer
Area     : Calaveras County Average
I/M Stat : No I and M program in effect
Emissions: Tons Per Day
```

	- - - Light Duty Passenger Cars - - -				- - - - - Light Duty Trucks - - - - -				- - - - - Medium Duty Trucks - - - -				- - - - H e a v y D u t y T r u c k s - - - ----- Gasoline Trucks ------							
	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Total	Diesel Trucks	Total HD Trucks	Urban Buses	Motor-cycles	All Vehicles
Vehicles	0.	34718.	7.	34725.	0.	41084.	172.	41257.	0.	10019.	226.	10246.	0.	3622.	3622.	809.	4431.	16.	1301.	91976.
VMT/1000	0.	1156.	0.	1156.	0.	1308.	3.	1311.	0.	319.	8.	327.	0.	51.	51.	49.	100.	2.	10.	2906.
Trips	0.	217847.	32.	217879.	0.	255607.	814.	256420.	1.	78719.	2570.	81291.	0.	3642.	3642.	6579.	10222.	65.	2602.	568478.
Reactive Organic Gas Emissions																				
Run Exh	0.00	0.02	0.00	0.02	0.00	0.04	0.00	0.04	0.00	0.02	0.00	0.02	0.00	0.01	0.01	0.01	0.02	0.00	0.02	0.12
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.02	0.00	0.02	0.00	0.04	0.00	0.04	0.00	0.02	0.00	0.02	0.00	0.01	0.01	0.00	0.01	0.00	0.01	0.09
Total Ex	0.00	0.04	0.00	0.04	0.00	0.08	0.00	0.08	0.00	0.04	0.00	0.04	0.00	0.01	0.01	0.01	0.02	0.00	0.03	0.22
Diurnal	0.00	0.01	0.00	0.01	0.00	0.03	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
Hot Soak	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
Running	0.00	0.05	0.00	0.05	0.00	0.20	0.00	0.20	0.00	0.07	0.00	0.07	0.00	0.02	0.02	0.00	0.02	0.00	0.00	0.34
Resting	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Total	0.00	0.13	0.00	0.13	0.00	0.35	0.00	0.35	0.00	0.13	0.00	0.13	0.00	0.03	0.03	0.01	0.04	0.00	0.04	0.69
Carbon Monoxide Emissions																				
Run Exh	0.00	0.91	0.00	0.91	0.00	1.71	0.00	1.71	0.00	0.57	0.01	0.58	0.00	0.09	0.09	0.06	0.15	0.02	0.19	3.56
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.02
Start Ex	0.00	0.31	0.00	0.31	0.00	0.54	0.00	0.54	0.00	0.25	0.00	0.25	0.00	0.08	0.08	0.00	0.08	0.00	0.03	1.21
Total Ex	0.00	1.22	0.00	1.22	0.00	2.25	0.00	2.25	0.00	0.83	0.01	0.83	0.00	0.17	0.17	0.08	0.25	0.02	0.22	4.79
Oxides of Nitrogen Emissions																				
Run Exh	0.00	0.07	0.00	0.07	0.00	0.15	0.00	0.16	0.00	0.06	0.01	0.07	0.00	0.03	0.03	0.09	0.12	0.01	0.01	0.44
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.04
Start Ex	0.00	0.02	0.00	0.02	0.00	0.04	0.00	0.04	0.00	0.06	0.00	0.06	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.14
Total Ex	0.00	0.09	0.00	0.09	0.00	0.20	0.00	0.20	0.00	0.12	0.01	0.14	0.00	0.04	0.04	0.13	0.17	0.01	0.01	0.62
Carbon Dioxide Emissions (000)																				
Run Exh	0.00	0.49	0.00	0.49	0.00	0.71	0.00	0.71	0.00	0.24	0.00	0.24	0.00	0.04	0.04	0.11	0.14	0.00	0.00	1.59
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.02	0.00	0.02	0.00	0.03	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
Total Ex	0.00	0.51	0.00	0.51	0.00	0.73	0.00	0.73	0.00	0.25	0.00	0.25	0.00	0.04	0.04	0.11	0.14	0.00	0.00	1.64
PM10 Emissions																				
Run Exh	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.05
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Ex	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.05
TireWear	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
BrakeWr	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
Total	0.00	0.04	0.00	0.04	0.00	0.05	0.00	0.05	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.12
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOx	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
Fuel Consumption (000 gallons)																				
Gasoline	0.00	52.38	0.00	52.38	0.00	75.22	0.00	75.22	0.00	25.26	0.00	25.26	0.00	3.72	3.72	0.00	3.72	0.09	0.23	156.90
Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.00	0.00	0.42	0.42	0.00	0.00	0.00	9.62	9.62	0.16	0.00	10.29

APPENDIX "C" – Cont.

Calaveras County 2025 With Bypass - Page 1 of 6 – *(.csv output format)*

Title :	Calaveras County Avg 2025 With Angels Camp Bypass Summer	Season :	Summer
		Area :	Calaveras County Average
Version :	Emfac2002 V2.2 Apr 23 2003 ** WIS Enabled **	I/M Stat :	No I and M program in effect
Run Date :	06/02/06 06:35:46	Emissions :	Tons Per Day
Scen Year :	2025 -- Model Years: 1980 to 2025		

	LDA-NCAT	LDA-CAT	LDA-DSL	LDA-TOT	LDT1-NCAT	LDT1-CAT	LDT1-DSL	LDT1-TOT
Vehicles	0	34718	7	34725	0	27753	155	27908
VMT/1000	0	1156	0	1156	0	886	2	889
Trips	0	217847	32	217879	0	172452	717	173169
Reactive Organic Gas Emissions								
Run Exh	0	0.02	0	0.02	0	0.03	0	0.03
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.02	0	0.02	0	0.02	0	0.02
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.04***	***0***	***0.04***	***0***	***0.05***	***0***	***0.05***
Diurnal	0	0.01	0	0.01	0	0.02	0	0.02
Hot Soak	0	0.01	0	0.01	0	0.02	0	0.02
Running	0	0.05	0	0.05	0	0.13	0	0.13
Resting	0	0.01	0	0.01	0	0.01	0	0.01
	---	---	---	---	---	---	---	---
Total	***0***	***0.13***	***0***	***0.13***	***0***	***0.22***	***0***	***0.22***
Carbon Monoxide Emissions								
Run Exh	0	0.91	0	0.91	0	1.07	0	1.07
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.31	0	0.31	0	0.34	0	0.34
	---	---	---	---	---	---	---	---
Total Ex	***0***	***1.22***	***0***	***1.22***	***0***	***1.42***	***0***	***1.42***
Oxides of Nitrogen Emissions								
Run Exh	0	0.07	0	0.07	0	0.09	0	0.1
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.02	0	0.02	0	0.02	0	0.02
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.09***	***0***	***0.09***	***0***	***0.12***	***0***	***0.12***
Carbon Dioxide Emissions (000)								
Run Exh	0	0.49	0	0.49	0	0.48	0	0.48
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.02	0	0.02	0	0.02	0	0.02
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.51***	***0***	***0.51***	***0***	***0.49***	***0***	***0.49***
PM10 Emissions								
Run Exh	0	0.01	0	0.01	0	0.01	0	0.01
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0	0	0	0	0	0	0
	---	---	---	---	---	---	---	---
Total Ex	***0***	***0.01***	***0***	***0.01***	***0***	***0.01***	***0***	***0.01***
TireWear	0	0.01	0	0.01	0	0.01	0	0.01
BrakeWr	0	0.02	0	0.02	0	0.01	0	0.01
	---	---	---	---	---	---	---	---
Total	***0***	***0.04***	***0***	***0.04***	***0***	***0.03***	***0***	***0.03***
Lead	0	0	0	0	0	0	0	0
SOx	0	0	0	0	0	0	0	0
Fuel Consumption (000 gallons)								
Gasoline	0	52.38	0	52.38	0	50.61	0	50.61
Diesel	0	0	0	0	0	0	0.08	0.08

APPENDIX "C" – Cont.
Calaveras County 2025 With Bypass - Page 2 of 6 – *(.csv output format)*

LDT2-NCAT	LDT2-CAT	LDT2-DSL	LDT2-TOT	MDV-NCAT	MDV-CAT	MDV-DSL	MDV-TOT	LHDT1-NCAT
0	13331	18	13349	0	9407	39	9447	0
0	422	0	422	0	295	1	296	0
0	83154	96	83251	1	58490	213	58705	0
0	0.02	0	0.02	0	0.02	0	0.02	0
0	0	0	0	0	0	0	0	0
0	0.01	0	0.01	0	0.01	0	0.01	0
-------	-------	-------	-------	-------	-------	-------	-------	-------
0	0.03	0	0.03	0	0.03	0	0.03	0
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0.07	0	0.07	0	0.05	0	0.05	0
0	0.01	0	0.01	0	0.01	0	0.01	0
-------	-------	-------	-------	-------	-------	-------	-------	-------
0	0.12	0	0.12	0	0.1	0	0.1	0
0	0.64	0	0.64	0	0.56	0	0.56	0
0	0	0	0	0	0	0	0	0
0	0.2	0	0.2	0	0.19	0	0.19	0
-------	-------	-------	-------	-------	-------	-------	-------	-------
0	0.84	0	0.84	0	0.76	0	0.76	0
0	0.06	0	0.06	0	0.06	0	0.06	0
0	0	0	0	0	0	0	0	0
0	0.02	0	0.02	0	0.02	0	0.02	0
-------	-------	-------	-------	-------	-------	-------	-------	-------
0	0.08	0	0.08	0	0.08	0	0.08	0
0	0.23	0	0.23	0	0.22	0	0.22	0
0	0	0	0	0	0	0	0	0
0	0.01	0	0.01	0	0.01	0	0.01	0
-------	-------	-------	-------	-------	-------	-------	-------	-------
0	0.24	0	0.24	0	0.23	0	0.23	0
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
-------	-------	-------	-------	-------	-------	-------	-------	-------
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0.01	0	0.01	0	0	0	0	0
-------	-------	-------	-------	-------	-------	-------	-------	-------
0	0.02	0	0.02	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	24.61	0	24.61	0	23.43	0	23.43	0
0	0	0.01	0.01	0	0	0.02	0.02	0

APPENDIX "C" – Cont.
Calaveras County 2025 With Bypass - Page 3 of 6 – *(.csv output format)*

LHDT1-CAT	LHDT1-DSL	LHDT1-TOT	LHDT2-NCAT	LHDT2-CAT	LHDT2-DSL	LHDT2-TOT	MHDT-NCAT	MHDT-CAT
532	123	655	0	80	64	144	0	56
20	5	25	0	3	3	6	0	2
17582	1547	19129	0	2647	810	3456	0	2543
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.01	0	0.01	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.01	0	0.01	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.02	0	0.02	0	0	0	0	0	0.01
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.03	0	0.03	0	0	0	0	0	0.01
0.01	0	0.01	0	0	0	0	0	0.01
0	0	0.01	0	0	0	0	0	0
0.05	0	0.05	0	0.01	0	0.01	0	0.03
---	---	---	---	---	---	---	---	---
0.06	0	0.06	0	0.01	0	0.01	0	0.04
0	0.01	0.01	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.04	0	0.04	0	0.01	0	0.01	0	0.01
---	---	---	---	---	---	---	---	---
0.04	0.01	0.05	0	0.01	0	0.01	0	0.01
0.01	0	0.02	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.02	0	0.02	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
1.58	0	1.58	0	0.25	0	0.25	0	0.17
0	0.26	0.26	0	0	0.13	0.13	0	0

APPENDIX "C" – Cont.
Calaveras County 2025 With Bypass - Page 4 of 6 – *(.csv output format)*

MHDT-DSL	MHDT-TOT	HHDT-NCAT	HHDT-CAT	HHDT-DSL	HHDT-TOT	LHV-NCAT	LHV-CAT	LHV-DSL
184	239	0	15	218	233	0	0	0
9	11	0	1	32	33	0	0	0
5148	7691	0	706	1101	1807	0	0	0
0	0	0	0	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0.01	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.01	0	0.01	0	0.01	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0.01	0	0.01	0.01	0.02	0	0	0
0.01	0.02	0	0.03	0.04	0.07	0	0	0
0	0	0	0	0.01	0.01	0	0	0
0	0.03	0	0.05	0	0.05	0	0	0
---	---	---	---	---	---	---	---	---
0.01	0.05	0	0.08	0.05	0.13	0	0	0
0.02	0.02	0	0.01	0.05	0.06	0	0	0
0	0	0	0	0.03	0.03	0	0	0
0	0.01	0	0.01	0	0.01	0	0	0
---	---	---	---	---	---	---	---	---
0.02	0.02	0	0.01	0.08	0.1	0	0	0
0.02	0.02	0	0	0.08	0.08	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0.02	0.02	0	0	0.08	0.08	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.17	0	0.06	0	0.06	0	0	0
1.38	1.38	0	0	7.13	7.13	0	0	0

APPENDIX "C" – Cont.
Calaveras County 2025 With Bypass - Page 5 of 6 – *(.csv output format)*

LHV-TOT	SBUS-NCAT	SBUS-CAT	SBUS-DSL	SBUS-TOT	UB-NCAT	UB-CAT	UB-DSL	UB-TOT
0	0	10	74	84	0	10	6	16
0	0	0	3	3	0	1	1	2
0	0	39	297	336	0	40	25	65
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0.01	0.01	0	0.02	0	0.02
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0.01	0.01	0.02	0	0.02	0	0.02
0	0	0	0.02	0.02	0	0	0	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0.02	0.02	0	0	0	0.01
0	0	0	0	0.01	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0.01	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0.03	0	0.03	0	0.09	0	0.09
0	0	0	0.45	0.45	0	0	0.16	0.16

APPENDIX "C" – Cont.
Calaveras County 2025 With Bypass - Page 6 of 6 – *(.csv output format)*

MH-NCAT	MH-CAT	MH-DSL	MH-TOT	MCY-NCAT	MCY-CAT	MCY-DSL	MCY-TOT	ALL-TOT
0	3541	334	3874	460	842	0	1301	91976
0	48	4	53	3	7	0	10	2906
0	354	33	388	919	1683	0	2602	568478
0	0	0	0	0.01	0.01	0	0.02	0.12
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.01	0.09
---	---	---	---	---	---	---	---	---
0	0	0	0	0.01	0.02	0	0.03	0.22
0	0	0	0	0	0	0	0	0.05
0	0	0	0	0	0	0	0	0.05
0	0	0	0	0	0	0	0	0.34
0	0	0	0	0	0	0	0	0.03
---	---	---	---	---	---	---	---	---
0	0	0	0	0.01	0.02	0	0.04	0.69
0	0.05	0	0.05	0.12	0.07	0	0.19	3.56
0	0	0	0	0	0	0	0	0.02
0	0	0	0	0.01	0.02	0	0.03	1.21
---	---	---	---	---	---	---	---	---
0	0.05	0	0.05	0.13	0.09	0	0.22	4.79
0	0.02	0.01	0.03	0	0.01	0	0.01	0.44
0	0	0	0	0	0	0	0	0.04
0	0	0	0	0	0	0	0	0.14
---	---	---	---	---	---	---	---	---
0	0.02	0.01	0.03	0	0.01	0	0.01	0.62
0	0.03	0.01	0.04	0	0	0	0	1.59
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.05
---	---	---	---	---	---	---	---	---
0	0.03	0.01	0.04	0	0	0	0	1.64
0	0	0	0	0	0	0	0	0.05
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0.05
0	0	0	0	0	0	0	0	0.03
0	0	0	0	0	0	0	0	0.04
---	---	---	---	---	---	---	---	---
0	0	0	0	0	0	0	0	0.12
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.02
0	3.47	0	3.47	0.08	0.15	0	0.23	156.9
0	0	0.67	0.67	0	0	0	0	10.29

APPENDIX "C" – Cont.

Calaveras County 2025 Without Bypass – Page 1 of 1 - *(.bur output format)*

```
Title    : Calaveras County Avg 2025 Summer Without Angels Camp Bypass
Version  : Emfac2002 V2.2 Apr 23 2003 ** WIS Enabled **
Run Date : 02/15/06 09:15:21
Scen Year: 2025 -- Model Years: 1980 to 2025
Season   : Summer
Area     : Calaveras County Average
I/M Stat : No I and M program in effect
Emissions: Tons Per Day
```

	- - - Light Duty Passenger Cars - - -				- - - - - Light Duty Trucks - - - - -				- - - - - Medium Duty Trucks - - - -				- - - - H e a v y D u t y T r u c k s - - -							
													----- Gasoline Trucks ------			Diesel	Total HD	Urban	Motor-	All
	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Diesel	Total	Non-cat	Cat	Total	Trucks	Trucks	Buses	cycles	Vehicles
Vehicles	0.	34765.	7.	34772.	0.	41140.	173.	41313.	0.	10033.	226.	10259.	0.	3626.	3626.	810.	4437.	16.	1303.	92100.
VMT/1000	0.	1158.	0.	1158.	0.	1310.	3.	1312.	0.	319.	8.	327.	0.	51.	51.	49.	100.	2.	10.	2910.
Trips	0.	218141.	32.	218172.	0.	255951.	815.	256766.	1.	78825.	2573.	81400.	0.	3647.	3647.	6588.	10235.	65.	2606.	569245.
Reactive Organic Gas Emissions																				
Run Exh	0.00	0.02	0.00	0.02	0.00	0.04	0.00	0.04	0.00	0.02	0.00	0.02	0.00	0.01	0.01	0.01	0.02	0.00	0.02	0.12
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.02	0.00	0.02	0.00	0.04	0.00	0.04	0.00	0.02	0.00	0.02	0.00	0.01	0.01	0.00	0.01	0.00	0.01	0.09
Total Ex	0.00	0.04	0.00	0.04	0.00	0.08	0.00	0.08	0.00	0.04	0.00	0.04	0.00	0.01	0.01	0.01	0.02	0.00	0.03	0.22
Diurnal	0.00	0.01	0.00	0.01	0.00	0.03	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
Hot Soak	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
Running	0.00	0.05	0.00	0.05	0.00	0.20	0.00	0.20	0.00	0.07	0.00	0.07	0.00	0.02	0.02	0.00	0.02	0.00	0.00	0.34
Resting	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Total	0.00	0.13	0.00	0.13	0.00	0.35	0.00	0.35	0.00	0.13	0.00	0.13	0.00	0.03	0.03	0.01	0.04	0.00	0.04	0.70
Carbon Monoxide Emissions																				
Run Exh	0.00	0.91	0.00	0.91	0.00	1.71	0.00	1.71	0.00	0.57	0.01	0.58	0.00	0.09	0.09	0.06	0.15	0.02	0.19	3.57
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.02
Start Ex	0.00	0.31	0.00	0.31	0.00	0.55	0.00	0.55	0.00	0.25	0.00	0.25	0.00	0.08	0.08	0.00	0.08	0.00	0.03	1.21
Total Ex	0.00	1.22	0.00	1.22	0.00	2.26	0.00	2.26	0.00	0.83	0.01	0.84	0.00	0.17	0.17	0.08	0.25	0.02	0.22	4.80
Oxides of Nitrogen Emissions																				
Run Exh	0.00	0.07	0.00	0.07	0.00	0.16	0.00	0.16	0.00	0.06	0.01	0.07	0.00	0.03	0.03	0.09	0.12	0.01	0.01	0.44
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.04
Start Ex	0.00	0.02	0.00	0.02	0.00	0.04	0.00	0.04	0.00	0.06	0.00	0.06	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.14
Total Ex	0.00	0.09	0.00	0.09	0.00	0.20	0.00	0.20	0.00	0.12	0.01	0.14	0.00	0.04	0.04	0.13	0.17	0.01	0.01	0.62
Carbon Dioxide Emissions (000)																				
Run Exh	0.00	0.49	0.00	0.49	0.00	0.71	0.00	0.71	0.00	0.24	0.00	0.24	0.00	0.04	0.04	0.11	0.14	0.00	0.00	1.59
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.02	0.00	0.02	0.00	0.03	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
Total Ex	0.00	0.51	0.00	0.51	0.00	0.73	0.00	0.73	0.00	0.25	0.00	0.25	0.00	0.04	0.04	0.11	0.14	0.00	0.00	1.64
PM10 Emissions																				
Run Exh	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.05
Idle Exh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Ex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Ex	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.05
TireWear	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
BrakeWr	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
Total	0.00	0.04	0.00	0.04	0.00	0.05	0.00	0.05	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.12
Lead	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOx	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
Fuel Consumption (000 gallons)																				
Gasoline	0.00	52.53	0.00	52.53	0.00	75.44	0.00	75.44	0.00	25.34	0.00	25.34	0.00	3.73	3.73	0.00	3.73	0.09	0.23	157.36
Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.00	0.00	0.42	0.42	0.00	0.00	0.00	9.64	9.64	0.16	0.00	10.31

APPENDIX "C" – Cont.

Calaveras County 2025 Without Bypass - Page 1 of 6 – *(.csv output format)*

Title :	Calaveras County Avg 2025 Without Angels Camp Bypass Summer	Season :	Summer
		Area :	Calaveras County Average
Version :	Emfac2002 V2.2 Apr 23 2003 ** WIS Enabled **	I/M Stat :	No I and M program in effect
Run Date :	06/02/06 06:33:21	Emissions :	Tons Per Day
Scen Year :	2025 -- Model Years: 1980 to 2025		

	LDA-NCAT	LDA-CAT	LDA-DSL	LDA-TOT	LDT1-NCAT	LDT1-CAT	LDT1-DSL	LDT1-TOT
Vehicles	0	34765	7	34772	0	27791	155	27946
VMT/1000	0	1158	0	1158	0	888	2	890
Trips	0	218141	32	218172	0	172685	718	173403
Reactive Organic Gas Emissions								
Run Exh	0	0.02	0	0.02	0	0.03	0	0.03
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.02	0	0.02	0	0.02	0	0.02
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Total Ex	***0***	***0.04***	***0***	***0.04***	***0***	***0.05***	***0***	***0.05***
Diurnal	0	0.01	0	0.01	0	0.02	0	0.02
Hot Soak	0	0.01	0	0.01	0	0.02	0	0.02
Running	0	0.05	0	0.05	0	0.13	0	0.13
Resting	0	0.01	0	0.01	0	0.01	0	0.01
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Total	***0***	***0.13***	***0***	***0.13***	***0***	***0.22***	***0***	***0.23***
Carbon Monoxide Emissions								
Run Exh	0	0.91	0	0.91	0	1.07	0	1.08
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.31	0	0.31	0	0.34	0	0.34
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Total Ex	***0***	***1.22***	***0***	***1.22***	***0***	***1.42***	***0***	***1.42***
Oxides of Nitrogen Emissions								
Run Exh	0	0.07	0	0.07	0	0.09	0	0.1
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.02	0	0.02	0	0.02	0	0.02
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Total Ex	***0***	***0.09***	***0***	***0.09***	***0***	***0.12***	***0***	***0.12***
Carbon Dioxide Emissions (000)								
Run Exh	0	0.49	0	0.49	0	0.48	0	0.48
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0.02	0	0.02	0	0.02	0	0.02
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Total Ex	***0***	***0.51***	***0***	***0.51***	***0***	***0.49***	***0***	***0.49***
PM10 Emissions								
Run Exh	0	0.01	0	0.01	0	0.01	0	0.01
Idle Exh	0	0	0	0	0	0	0	0
Start Ex	0	0	0	0	0	0	0	0
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Total Ex	***0***	***0.01***	***0***	***0.01***	***0***	***0.01***	***0***	***0.01***
TireWear	0	0.01	0	0.01	0	0.01	0	0.01
BrakeWr	0	0.02	0	0.02	0	0.01	0	0.01
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Total	***0***	***0.04***	***0***	***0.04***	***0***	***0.03***	***0***	***0.03***
Lead	0	0	0	0	0	0	0	0
SOx	0	0	0	0	0	0	0	0
Fuel Consumption (000 gallons)								
Gasoline	0	52.54	0	52.54	0	50.76	0	50.76
Diesel	0	0	0	0	0	0	0.08	0.08

APPENDIX "C" – Cont.
Calaveras County 2025 Without Bypass - Page 2 of 6 – *(.csv output format)*

LDT2-NCAT	LDT2-CAT	LDT2-DSL	LDT2-TOT	MDV-NCAT	MDV-CAT	MDV-DSL	MDV-TOT	LHDT1-NCAT
0	13349	18	13367	0	9420	39	9459	0
0	422	0	423	0	295	1	296	0
0	83267	97	83363	1	58569	213	58784	0
0	0.02	0	0.02	0	0.02	0	0.02	0
0	0	0	0	0	0	0	0	0
0	0.01	0	0.01	0	0.01	0	0.01	0
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0	0.03	0	0.03	0	0.03	0	0.03	0
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0.07	0	0.07	0	0.05	0	0.05	0
0	0.01	0	0.01	0	0.01	0	0.01	0
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0	0.12	0	0.12	0	0.1	0	0.1	0
0	0.64	0	0.64	0	0.57	0	0.57	0
0	0	0	0	0	0	0	0	0
0	0.2	0	0.2	0	0.19	0	0.19	0
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0	0.84	0	0.84	0	0.76	0	0.76	0
0	0.06	0	0.06	0	0.06	0	0.06	0
0	0	0	0	0	0	0	0	0
0	0.02	0	0.02	0	0.02	0	0.02	0
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0	0.08	0	0.08	0	0.08	0	0.08	0
0	0.23	0	0.23	0	0.22	0	0.22	0
0	0	0	0	0	0	0	0	0
0	0.01	0	0.01	0	0.01	0	0.01	0
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0	0.24	0	0.24	0	0.23	0	0.23	0
0	0.01	0	0.01	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0.01	0	0.01	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0.01	0	0.01	0	0	0	0	0
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0	0.02	0	0.02	0	0.01	0	0.01	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	24.68	0	24.68	0	23.5	0	23.5	0
0	0	0.01	0.01	0	0	0.02	0.02	0

APPENDIX "C" – Cont.
Calaveras County 2025 Without Bypass - Page 3 of 6 – *(.csv output format)*

LHDT1-CAT	LHDT1-DSL	LHDT1-TOT	LHDT2-NCAT	LHDT2-CAT	LHDT2-DSL	LHDT2-TOT	MHDT-NCAT	MHDT-CAT
532	123	656	0	80	64	145	0	56
20	5	25	0	3	3	6	0	2
17606	1549	19155	0	2650	811	3461	0	2546
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.01	0	0.01	0	0	0	0	0	0
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0.01	0	0.01	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.02	0	0.02	0	0	0	0	0	0.01
0	0	0	0	0	0	0	0	0
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0.03	0	0.03	0	0	0	0	0	0.01
0.01	0	0.01	0	0	0	0	0	0.01
0	0	0.01	0	0	0	0	0	0
0.05	0	0.05	0	0.01	0	0.01	0	0.03
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0.06	0	0.06	0	0.01	0	0.01	0	0.04
0	0.01	0.01	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0.04	0	0.04	0	0.01	0	0.01	0	0.01
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0.04	0.01	0.05	0	0.01	0	0.01	0	0.01
0.01	0	0.02	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0.02	0	0.02	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
1.59	0	1.59	0	0.25	0	0.25	0	0.17
0	0.26	0.26	0	0	0.13	0.13	0	0

APPENDIX "C" – Cont.
Calaveras County 2025 Without Bypass - Page 4 of 6 – *(.csv output format)*

MHDT-DSL	MHDT-TOT	HHDT-NCAT	HHDT-CAT	HHDT-DSL	HHDT-TOT	LHV-NCAT	LHV-CAT	LHV-DSL
184	240	0	15	218	233	0	0	0
9	11	0	1	32	33	0	0	0
5155	7701	0	707	1102	1810	0	0	0
0	0	0	0	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0.01	0.01	0.01	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.01	0	0.01	0	0.01	0	0	0
0	0	0	0	0	0	0	0	0
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0	0.01	0	0.01	0.01	0.02	0	0	0
0.01	0.02	0	0.03	0.04	0.07	0	0	0
0	0	0	0	0.01	0.01	0	0	0
0	0.03	0	0.05	0	0.05	0	0	0
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0.01	0.05	0	0.08	0.05	0.13	0	0	0
0.02	0.02	0	0.01	0.05	0.06	0	0	0
0	0	0	0	0.03	0.03	0	0	0
0	0.01	0	0.01	0	0.01	0	0	0
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0.02	0.02	0	0.01	0.08	0.1	0	0	0
0.02	0.02	0	0	0.08	0.08	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0.02	0.02	0	0	0.08	0.08	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0.17	0	0.06	0	0.06	0	0	0
1.38	1.38	0	0	7.14	7.14	0	0	0

APPENDIX "C" – Cont.
Calaveras County 2025 Without Bypass - Page 5 of 6 – *(.csv output format)*

LHV-TOT	SBUS-NCAT	SBUS-CAT	SBUS-DSL	SBUS-TOT	UB-NCAT	UB-CAT	UB-DSL	UB-TOT
0	0	10	74	84	0	10	6	16
0	0	0	3	3	0	1	1	2
0	0	39	297	336	0	40	25	65
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0.01	0.01	0	0.02	0	0.02
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0.01	0.01	0.02	0	0.02	0	0.02
0	0	0	0.02	0.02	0	0	0	0.01
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0.02	0.02	0	0	0	0.01
0	0	0	0	0.01	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0.01	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0.03	0	0.03	0	0.09	0	0.09
0	0	0	0.45	0.45	0	0	0.16	0.16

APPENDIX "C" – Cont.
Calaveras County 2025 Without Bypass - Page 6 of 6 – *(.csv output format)*

MH-NCAT	MH-CAT	MH-DSL	MH-TOT	MCY-NCAT	MCY-CAT	MCY-DSL	MCY-TOT	ALL-TOT
0	3545	334	3880	460	843	0	1303	92100
0	48	4	53	3	7	0	10	2910
0	355	33	388	920	1685	0	2606	569245
0	0	0	0	0.01	0.01	0	0.02	0.12
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.01	0.09
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0	0	0	0	0.01	0.02	0	0.03	0.22
0	0	0	0	0	0	0	0	0.05
0	0	0	0	0	0	0	0	0.05
0	0	0	0	0	0	0	0	0.34
0	0	0	0	0	0	0	0	0.03
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0	0	0	0	0.01	0.02	0	0.04	0.7
0	0.05	0	0.05	0.12	0.07	0	0.19	3.57
0	0	0	0	0	0	0	0	0.02
0	0	0	0	0.01	0.02	0	0.03	1.21
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0	0.05	0	0.05	0.13	0.09	0	0.22	4.8
0	0.02	0.01	0.03	0	0.01	0	0.01	0.44
0	0	0	0	0	0	0	0	0.04
0	0	0	0	0	0	0	0	0.14
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0	0.02	0.01	0.03	0	0.01	0	0.01	0.62
0	0.03	0.01	0.04	0	0	0	0	1.59
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.05
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0	0.03	0.01	0.04	0	0	0	0	1.64
0	0	0	0	0	0	0	0	0.05
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0.05
0	0	0	0	0	0	0	0	0.03
0	0	0	0	0	0	0	0	0.04
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0	0	0	0	0	0	0	0	0.12
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.02
0	3.48	0	3.48	0.08	0.15	0	0.23	157.36
0	0	0.67	0.67	0	0	0	0	10.31