

# Appendix D

## Air Quality Modeling Data





# **APPENDIX D**

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## **Air Quality Model Technical Appendix**

Appendix D provides additional detail on the air quality modeling data/results that was used for the EIR air quality analysis (see Section 3.3 “Air Quality”). The information provided in this appendix includes the detailed emission calculations associated with the various models used to determine emissions resulting from the proposed project. The primary air quality model used in the analysis is the EMFAC 2007, which was approved by the EPA on January 18, 2008.



***EMFAC MODEL RESULTS FOR ON-ROAD VEHICLE EMISSIONS***

**Air Quality Analysis for Mobile Emissions  
Tulare County On-Road Emissions - Year 2007**

EMFAC2007 Emission Factors (g/mi)

35 mph	LDA	LDT	MDT	HDT	BUS	MCY
ROG	0.177	0.252	0.199	0.818	0.75	2.402
NOx	0.27	0.469	0.78	12.398	7.262	0.834
CO	4.14	5.799	4.363	6.234	7.935	30.319
CO2	390.436	466.381	619.381	1669.355	1530.949	112.7
PM10	0.031	0.039	0.04	0.566	0.126	0.042

55 mph	LDA	LDT	MDT	HDT	BUS	MCY
ROG	0.162	0.23	0.164	0.715	0.506	3.69
NOx	0.281	0.505	0.931	13.038	10.281	0.965
CO	3.859	5.653	4.232	4.969	8.039	64.388
CO2	397.093	473.709	629.43	1547.68	1535.964	99.213
PM10	0.03	0.036	0.036	0.583	0.103	0.058

65 mph	LDA	LDT	MDT	HDT	BUS	MCY
ROG	0.209	0.295	0.202	0.995	0.532	6.033
NOx	0.315	0.591	1.196	14.565	15.603	1.033
CO	4.585	7.027	5.319	6.2	11.289	128.146
CO2	485.447	577.422	771.999	1599.436	1638.533	104.303
PM10	0.032	0.04	0.039	0.763	0.111	0.088

Paved Road  
lbs/VMT  
Entrained  
PM10  
0.00147977

Emissions = Emission Factor x Miles/Day

**Mobile Emissions for the Year 2007 - Assuming 20% @ 35mph, 60% @ 55mph, 20% @ 65mph**

Year 2007  
Total Daily VMT = 10,321,274

	2007 emissions (grams/mile)	2007 emissions (pounds/mile)	VOG	NOx	CO	CO2	PM10
LDA	0.1744	3.84E-04	0.2856	6.30E-04	4.0604	413.4324	0.0306
	VMT/Day		Mobile Emissions (lbs/day)				
	5150315.7	1980.20	3242.81	46103.35	4694271.07	7968.72	
LDT	0.2474	5.45E-04	0.515	1.14E-03	5.957	492.986	0.0374
	VMT/Day		Mobile Emissions (lbs/day)				
	3467948.1	1891.48	3937.40	45543.88	3769094.05	5417.70	
MDT	0.1786	3.94E-04	0.9538	2.10E-03	4.4756	655.934	0.0374
	VMT/Day		Mobile Emissions (lbs/day)				
	805059.37	316.99	1692.84	7943.45	1164173.89	1257.68	
HDT	0.7916	1.75E-03	13.2154	2.91E-02	5.4682	1582.3662	0.6156
	VMT/Day		Mobile Emissions (lbs/day)				
	278674.4	486.33	8119.09	3359.47	972151.32	790.58	
BUS	0.56	1.23E-03	10.7416	2.37E-02	8.6682	1555.4748	0.1092
	VMT/Day		Mobile Emissions (lbs/day)				
	412850.96	509.70	9776.70	7889.55	1415748.41	710.31	
MCY	3.901	8.60E-03	0.9524	2.10E-03	70.3258	102.9284	0.0608
	VMT/Day		Mobile Emissions (lbs/day)				
	206425.48	1775.29	433.42	32004.26	46841.23	333.13	

Trip Percentages by Category (from URBEMIS defau

Type	Percent	# VMT
LDA	49.90%	5150315.73
LDT	33.60%	3467948.06
MDT	7.80%	805059.372
HDT	2.70%	278674.398
BUS	4.00%	412850.96
MCY	2.00%	206425.48
Total	100.00%	10321274

Total County	2007 - Operational Traffic Total Emissions (lbs/day)					
	ROG	NOx	CO	CO2	PM10	PM2.5
	6,960	27,202	142,844	12,062,280	16,478	16313

Total County	2007 - Operational Traffic Total Emissions (tonnes/year)					
	ROG	NOx	CO	CO2	PM10	PM2.5
	1,270	4,964	26,069	1,997,046	3,007	2977

Unincorporated	2007 - Operational Traffic Total Emissions (lbs/day)					
	ROG	NOx	CO	CO2	PM10	PM2.5
	2,338	9,136	47,978	4,051,408	5,535	5479

Unincorporated	2007 - Operational Traffic Total Emissions (tonnes/year)					
	ROG	NOx	CO	CO2	PM10	PM2.5
	427	1,667	8,756	670,756	1,010	1000

**Air Quality Analysis for Mobile Emissions  
Tulare County On-Road Emissions - Year 2030**

EMFAC2007 Emission Factors (g/mi)

35 mph	LDA	LDT	MDT	HDT	BUS	MCY
ROG	0.009	0.016	0.024	0.195	0.636	1.828
NOx	0.03	0.057	0.124	1.601	5.771	0.7
CO	0.563	0.901	1.034	1.158	8.029	16.247
CO2	385.552	482.063	621.818	1659.481	1527.216	139.91
PM10	0.03	0.038	0.041	0.128	0.099	0.024

55 mph	LDA	LDT	MDT	HDT	BUS	MCY
ROG	0.008	0.014	0.019	0.13	0.427	2.725
NOx	0.028	0.056	0.144	1.493	7.964	0.79
CO	0.424	0.682	0.791	1.22	8.147	28.462
CO2	392.544	490.472	632.365	1540.962	1531.837	171.389
PM10	0.029	0.036	0.038	0.15	0.082	0.031

65 mph	LDA	LDT	MDT	HDT	BUS	MCY
ROG	0.01	0.017	0.024	0.126	0.448	4.496
NOx	0.031	0.063	0.184	1.707	11.676	0.879
CO	0.375	0.609	0.727	1.486	11.441	52.879
CO2	479.469	599.307	781.252	1592.56	1626.345	235.755
PM10	0.031	0.04	0.042	0.177	0.088	0.044

Paved Road  
lbs/VMT  
Entrained  
PM10  
0.00147977

Emissions = Emission Factor x Miles/Day

**Mobile Emissions for the Year 2030 - Assuming 20% @ 35mph, 60% @ 55mph, 20% @ 65mph**

Year 2030  
Total Daily VMT = 17,653,092

	2030 emissions (grams/mile)	2030 emissions (pounds/mile)	VMT/Day	ROG	NOx	CO	CO2	PM10
LDA	0.0086	1.90E-05	8808892.9	0.0086	6.39E-05	0.029	9.74E-04	0.0296
				167.01	563.18	8583.68	7933699.10	13609.96
				Mobile Emissions (lbs/day)				
LDT	0.015	3.31E-05	5931438.9	0.015	1.27E-04	0.0576	0.7112	0.0372
				196.15	753.20	9299.97	6676275.81	9263.60
				Mobile Emissions (lbs/day)				
MDT	0.021	4.63E-05	1376941.2	0.021	3.26E-04	0.148	1.82E-03	0.0394
				63.75	449.27	2509.84	2003599.16	2157.16
				Mobile Emissions (lbs/day)				
HDT	0.1422	3.13E-04	476633.48	0.1422	3.43E-03	1.5574	2.78E-03	0.151
				149.42	1636.49	1324.83	1654972.89	863.98
				Mobile Emissions (lbs/day)				
BUS	0.473	1.04E-03	706123.68	0.473	1.82E-02	8.2678	1.94E-02	0.0866
				736.33	12870.65	13671.43	2412627.48	1179.71
				Mobile Emissions (lbs/day)				
MCY	2.8998	6.39E-03	353061.84	2.8998	1.74E-03	0.7898	30.9024	0.0322
				614.75	24053.20	138521.95	547.51	1.55E-03
				Mobile Emissions (lbs/day)				

Trip Percentages by Category (from URBEMIS default)

Type	Percent	# VMT
LDA	49.90%	8808892.91
LDT	33.60%	5931438.91
MDT	7.80%	1376941.18
HDT	2.70%	476633.484
BUS	4.00%	706123.68
MCY	2.00%	353061.84
Total	100.00%	17653092

Total County	2030 - Operational Traffic Total Emissions (lbs/day)					
	ROG	NOx	CO	CO2	PM10	PM2.5
	3,570	16,888	59,443	20,819,696	27,622	27346

Total County	2030 - Operational Traffic Total Emissions (tonnes/year)					
	ROG	NOx	CO	CO2	PM10	PM2.5
	652	3,082	10,848	3,446,934	5,041	4991

Unincorporated	2030 - Operational Traffic Total Emissions (lbs/day)					
	ROG	NOx	CO	CO2	PM10	PM2.5
	1,070	5,059	17,808	6,237,194	8,275	8192

Unincorporated	2030 - Operational Traffic Total Emissions (tonnes/year)					
	ROG	NOx	CO	CO2	PM10	PM2.5
	195	923	3,250	1,032,637	1,510	1495

***OFFROAD MODEL RESULTS FOR OFF-ROAD EQUIPMENT  
EMISSIONS***





2007 Annual	Mon-Sun	2.27E+09	Other Gen/G4	120 Industrial Equipment	U	N	NH/N	NP	Tulare	SJV	SJU	5.98E-01	1.17E+00	4.81E+00	9.29E-05	2.24E-03	4.28E-02	4.11E-07	3.37E-06	6.38E-06		
2007 Annual	Mon-Sun	2.27E+09	Other Gen/G4	175 Industrial Equipment	U	N	NH/N	NP	Tulare	SJV	SJU	5.79E-01	1.05E+01	8.27E-01	4.87E-05	3.02E-04	6.83E-03	8.07E-08	7.03E-07	1.48E-06		
2007 Annual	Mon-Sun	2.27E+09	Other Mate/G4	50 Industrial Equipment	U	N	NH/N	NP	Tulare	SJV	SJU	2.97E-02	2.72E-02	6.50E-02	2.83E-06	6.75E-05	6.20E-05	5.11E-04	6.21E-09	3.91E-08	1.74E-07	1.52E-07
2007 Annual	Mon-Sun	2.27E+09	Other Mate/G4	120 Industrial Equipment	U	N	NH/N	NP	Tulare	SJV	SJU	1.14E+00	1.20E+00	3.37E+00	1.03E-04	1.71E-03	4.44E-04	2.94E-02	2.84E-07	2.28E-06	1.10E-05	5.97E-06
2007 Annual	Mon-Sun	2.27E+09	Lawn Mow/G4	5 Lawn and Garden Equipment	C	N	NH/N	NP	Tulare	SJV	SJU	1.93E+00	1.21E+03	1.42E+02	1.70E-02	3.08E-01	8.38E-03	8.22E-01	2.84E-05	2.59E-03	1.12E-03	9.75E-04
2007 Annual	Mon-Sun	2.27E+09	Lawn Mow/G4	5 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	7.70E-01	1.01E+01	8.39E-02	1.10E-05	2.87E-02	3.45E-04	1.11E-08	6.85E-07	6.03E-07	6.17E-07	
2007 Annual	Mon-Sun	2.27E+09	Tileers G4	5 Lawn and Garden Equipment	C	N	NH/N	NP	Tulare	SJV	SJU	2.00E+02	3.06E+01	4.34E+00	4.66E-04	1.08E-02	1.88E-04	2.32E-02	8.00E-07	6.11E-05	3.54E-05	2.70E-05
2007 Annual	Mon-Sun	2.27E+09	Timers G4	5 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	7.78E+02	3.83E+01	6.69E+00	1.01E-03	2.02E-02	2.03E-02	2.90E-02	1.00E-07	7.18E-05	4.15E-05	5.98E-05
2007 Annual	Mon-Sun	2.27E+09	Leaf Blower G4	5 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	1.64E+03	9.65E+01	1.41E+00	7.83E-04	1.29E-02	1.20E-04	1.64E-02	5.68E-07	5.92E-05	4.88E-05	4.53E-05
2007 Annual	Mon-Sun	2.27E+09	Leaf Blower G4	5 Lawn and Garden Equipment	C	N	NH/N	P	Tulare	SJV	SJU	8.98E+01	1.52E+01	9.98E+01	8.50E-05	2.61E-03	3.24E-05	5.19E-03	1.77E-02	1.22E-05	9.89E-06	4.92E-06
2007 Annual	Mon-Sun	2.27E+09	Leaf Blower G4	5 Lawn and Garden Equipment	C	N	NH/N	P	Tulare	SJV	SJU	7.70E-01	1.01E+01	8.39E-02	1.10E-05	2.87E-02	3.45E-04	1.11E-08	6.85E-07	6.03E-07	6.17E-07	
2007 Annual	Mon-Sun	2.27E+09	Snowblower G4	5 Lawn and Garden Equipment	C	N	NH/N	P	Tulare	SJV	SJU	8.67E+01	1.15E+01	1.51E+00	9.13E-05	4.22E-03	2.55E-05	7.60E-03	2.62E-07	1.53E-05	7.72E-06	5.38E-06
2007 Annual	Mon-Sun	2.27E+09	Snowblower G4	5 Lawn and Garden Equipment	R	N	NH/N	P	Tulare	SJV	SJU	8.70E+02	4.33E+00	6.92E+01	8.07E-05	2.23E-03	1.66E-05	2.87E-03	9.95E-07	5.23E-06	3.96E-06	4.67E-06
2007 Annual	Mon-Sun	2.27E+09	Snowblower G4	15 Lawn and Garden Equipment	C	N	NH/N	P	Tulare	SJV	SJU	7.32E+01	8.67E+00	2.60E+00	1.35E-04	7.43E-03	1.02E-04	1.29E-02	3.69E-07	4.50E-06	1.45E-05	7.81E-06
2007 Annual	Mon-Sun	2.27E+09	Snowblower G4	15 Lawn and Garden Equipment	R	N	NH/N	P	Tulare	SJV	SJU	6.95E+02	3.29E+00	1.09E+00	6.14E-05	3.29E-03	3.65E-05	4.89E-03	1.39E-07	1.63E-06	5.33E-06	3.55E-06
2007 Annual	Mon-Sun	2.27E+09	Snowblower G4	25 Lawn and Garden Equipment	C	N	NH/N	P	Tulare	SJV	SJU	2.21E-01	2.62E-02	1.44E-02	7.66E-07	1.02E-06	1.02E-07	6.95E-05	1.16E-03	6.40E-06	1.99E-08	1.06E-08
2007 Annual	Mon-Sun	2.27E+09	Snowblower G4	25 Lawn and Garden Equipment	R	N	NH/N	P	Tulare	SJV	SJU	1.92E+00	9.53E-03	5.58E-03	3.16E-07	1.74E-05	1.70E-07	2.53E-05	6.40E-10	8.43E-09	1.92E-08	1.83E-08
2007 Annual	Mon-Sun	2.27E+09	Rear Engr/G4	15 Lawn and Garden Equipment	C	N	NH/N	NP	Tulare	SJV	SJU	1.05E+03	7.84E+02	2.57E+02	1.70E-02	7.29E-01	1.29E-02	1.27E+00	3.62E-05	5.89E-04	1.55E-03	9.84E-04
2007 Annual	Mon-Sun	2.27E+09	Rear Engr/G4	15 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	9.25E+02	7.14E+01	2.47E+01	1.83E-03	6.25E-04	1.93E-04	1.70E-04	1.16E-03	3.30E-06	4.60E-05	1.28E-05
2007 Annual	Mon-Sun	2.27E+09	Rear Engr/G4	25 Lawn and Garden Equipment	C	N	NH/N	NP	Tulare	SJV	SJU	4.82E+00	3.59E+00	2.29E+00	1.55E-04	6.69E-03	1.02E-04	1.10E-02	2.78E-07	5.09E-06	9.81E-06	8.97E-06
2007 Annual	Mon-Sun	2.27E+09	Rear Engr/G4	25 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	4.16E+00	3.21E-01	2.10E-01	1.49E-05	6.44E-04	7.02E-06	9.83E-04	2.49E-08	3.90E-07	7.47E-07	8.64E-07
2007 Annual	Mon-Sun	2.27E+09	Front Mow/G4	15 Lawn and Garden Equipment	C	N	NH/N	NP	Tulare	SJV	SJU	8.85E+01	3.69E+01	1.98E+01	1.24E-03	4.35E-02	9.95E-04	9.29E-02	2.65E-06	4.31E-05	9.81E-05	7.20E-05
2007 Annual	Mon-Sun	2.27E+09	Front Mow/G4	15 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	1.56E+03	1.21E+02	6.66E+01	4.93E-03	1.98E-01	4.92E-04	3.12E-01	8.91E-06	1.24E-04	2.73E-04	2.85E-04
2007 Annual	Mon-Sun	2.27E+09	Front Mow/G4	25 Lawn and Garden Equipment	C	N	NH/N	NP	Tulare	SJV	SJU	3.79E+01	2.81E+01	1.98E+01	1.35E-03	5.80E-02	8.85E-04	9.51E-02	2.40E-06	4.41E-05	7.96E-05	7.79E-05
2007 Annual	Mon-Sun	2.27E+09	Front Mow/G4	25 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	1.22E+03	9.46E+01	6.92E+01	4.87E-03	2.10E-01	2.29E-03	3.20E-01	8.11E-06	1.27E-04	2.79E-04	2.81E-04
2007 Annual	Mon-Sun	2.27E+09	Shredders G4	5 Lawn and Garden Equipment	C	P	NH/N	NP	Tulare	SJV	SJU	3.80E-01	1.41E+01	3.79E+00	4.88E-04	8.48E-03	2.22E-04	2.14E-02	6.97E-06	2.79E-05	2.82E-05	
2007 Annual	Mon-Sun	2.27E+09	Shredders G4	5 Lawn and Garden Equipment	R	P	NH/N	NP	Tulare	SJV	SJU	1.41E+03	3.48E+00	1.30E+00	1.66E-04	4.25E-03	1.19E-05	5.27E-03	1.82E-07	1.60E-05	5.09E-06	9.56E-06
2007 Annual	Mon-Sun	2.27E+09	Lawn & Gs/G4	15 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	9.25E+02	7.14E+01	2.47E+01	1.83E-03	6.25E-04	1.93E-04	1.70E-04	1.16E-03	3.30E-06	4.60E-05	1.28E-05
2007 Annual	Mon-Sun	2.27E+09	Lawn & Gs/G4	15 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	1.92E+00	9.53E-03	5.58E-03	3.16E-07	1.74E-05	1.70E-07	2.53E-05	6.40E-10	8.43E-09	1.92E-08	1.83E-08
2007 Annual	Mon-Sun	2.27E+09	Lawn & Gs/G4	25 Lawn and Garden Equipment	C	N	NH/N	NP	Tulare	SJV	SJU	9.25E+02	7.14E+01	2.47E+01	1.83E-03	6.25E-04	1.93E-04	1.70E-04	1.16E-03	3.30E-06	4.60E-05	1.28E-05
2007 Annual	Mon-Sun	2.27E+09	Lawn & Gs/G4	25 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	4.82E+00	3.59E+00	2.29E+00	1.55E-04	6.69E-03	1.02E-04	1.10E-02	2.78E-07	5.09E-06	9.81E-06	8.97E-06
2007 Annual	Mon-Sun	2.27E+09	Lawn & Gs/G4	25 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	4.16E+00	3.21E-01	2.10E-01	1.49E-05	6.44E-04	7.02E-06	9.83E-04	2.49E-08	3.90E-07	7.47E-07	8.64E-07
2007 Annual	Mon-Sun	2.27E+09	Front Mow/G4	15 Lawn and Garden Equipment	C	N	NH/N	NP	Tulare	SJV	SJU	8.85E+01	3.69E+01	1.98E+01	1.24E-03	4.35E-02	9.95E-04	9.29E-02	2.65E-06	4.31E-05	9.81E-05	7.20E-05
2007 Annual	Mon-Sun	2.27E+09	Front Mow/G4	15 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	1.56E+03	1.21E+02	6.66E+01	4.93E-03	1.98E-01	4.92E-04	3.12E-01	8.91E-06	1.24E-04	2.73E-04	2.85E-04
2007 Annual	Mon-Sun	2.27E+09	Front Mow/G4	25 Lawn and Garden Equipment	C	N	NH/N	NP	Tulare	SJV	SJU	3.79E+01	2.81E+01	1.98E+01	1.35E-03	5.80E-02	8.85E-04	9.51E-02	2.40E-06	4.41E-05	7.96E-05	7.79E-05
2007 Annual	Mon-Sun	2.27E+09	Front Mow/G4	25 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	1.22E+03	9.46E+01	6.92E+01	4.87E-03	2.10E-01	2.29E-03	3.20E-01	8.11E-06	1.27E-04	2.79E-04	2.81E-04
2007 Annual	Mon-Sun	2.27E+09	Shredders G4	5 Lawn and Garden Equipment	R	P	NH/N	NP	Tulare	SJV	SJU	1.41E+03	3.48E+00	1.30E+00	1.66E-04	4.25E-03	1.19E-05	5.27E-03	1.82E-07	1.60E-05	5.09E-06	9.56E-06
2007 Annual	Mon-Sun	2.27E+09	Lawn & Gs/G4	15 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	9.25E+02	7.14E+01	2.47E+01	1.83E-03	6.25E-04	1.93E-04	1.70E-04	1.16E-03	3.30E-06	4.60E-05	1.28E-05
2007 Annual	Mon-Sun	2.27E+09	Lawn & Gs/G4	15 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	1.92E+00	9.53E-03	5.58E-03	3.16E-07	1.74E-05	1.70E-07	2.53E-05	6.40E-10	8.43E-09	1.92E-08	1.83E-08
2007 Annual	Mon-Sun	2.27E+09	Lawn & Gs/G4	25 Lawn and Garden Equipment	C	N	NH/N	NP	Tulare	SJV	SJU	9.25E+02	7.14E+01	2.47E+01	1.83E-03	6.25E-04	1.93E-04	1.70E-04	1.16E-03	3.30E-06	4.60E-05	1.28E-05
2007 Annual	Mon-Sun	2.27E+09	Lawn & Gs/G4	25 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	4.82E+00	3.59E+00	2.29E+00	1.55E-04	6.69E-03	1.02E-04	1.10E-02	2.78E-07	5.09E-06	9.81E-06	8.97E-06
2007 Annual	Mon-Sun	2.27E+09	Lawn & Gs/G4	25 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	4.16E+00	3.21E-01	2.10E-01	1.49E-05	6.44E-04	7.02E-06	9.83E-04	2.49E-08	3.90E-07	7.47E-07	8.64E-07
2007 Annual	Mon-Sun	2.27E+09	Front Mow/G4	15 Lawn and Garden Equipment	C	N	NH/N	NP	Tulare	SJV	SJU	8.85E+01	3.69E+01	1.98E+01	1.24E-03	4.35E-02	9.95E-04	9.29E-02	2.65E-06	4.31E-05	9.81E-05	7.20E-05
2007 Annual	Mon-Sun	2.27E+09	Front Mow/G4	15 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	1.56E+03	1.21E+02	6.66E+01	4.93E-03	1.98E-01	4.92E-04	3.12E-01	8.91E-06	1.24E-04	2.73E-04	2.85E-04
2007 Annual	Mon-Sun	2.27E+09	Front Mow/G4	25 Lawn and Garden Equipment	C	N	NH/N	NP	Tulare	SJV	SJU	3.79E+01	2.81E+01	1.98E+01	1.35E-03	5.80E-02	8.85E-04	9.51E-02	2.40E-06	4.41E-05	7.96E-05	7.79E-05
2007 Annual	Mon-Sun	2.27E+09	Front Mow/G4	25 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	1.22E+03	9.46E+01	6.92E+01	4.87E-03	2.10E-01	2.29E-03	3.20E-01	8.11E-06	1.27E-04	2.79E-04	2.81E-04
2007 Annual	Mon-Sun	2.27E+09	Shredders G4	5 Lawn and Garden Equipment	R	P	NH/N	NP	Tulare	SJV	SJU	1.41E+03	3.48E+00	1.30E+00	1.66E-04	4.25E-03	1.19E-05	5.27E-03	1.82E-07	1.60E-05	5.09E-06	9.56E-06
2007 Annual	Mon-Sun	2.27E+09	Lawn & Gs/G4	15 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	9.25E+02	7.14E+01	2.47E+01	1.83E-03	6.25E-04	1.93E-04	1.70E-04	1.16E-03	3.30E-06	4.60E-05	1.28E-05
2007 Annual	Mon-Sun	2.27E+09	Lawn & Gs/G4	15 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	1.92E+00	9.53E-03	5.58E-03	3.16E-07	1.74E-05	1.70E-07	2.53E-05	6.40E-10	8.43E-09	1.92E-08	1.83E-08
2007 Annual	Mon-Sun	2.27E+09	Lawn & Gs/G4	25 Lawn and Garden Equipment	C	N	NH/N	NP	Tulare	SJV	SJU	9.25E+02	7.14E+01	2.47E+01	1.83E-03	6.25E-04	1.93E-04	1.70E-04	1.16E-03	3.30E-06	4.60E-05	1.28E-05
2007 Annual	Mon-Sun	2.27E+09	Lawn & Gs/G4	25 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	4.82E+00	3.59E+00	2.29E+00	1.55E-04	6.69E-03	1.02E-04	1.10E-02	2.78E-07	5.09E-06	9.81E-06	8.97E-06
2007 Annual	Mon-Sun	2.27E+09	Lawn & Gs/G4	25 Lawn and Garden Equipment	R	N	NH/N	NP	Tulare	SJV	SJU	4.16E+00	3.21E-0									

2007 Annual	Mon-Sun	2.27E+09	Forklifts C4	50 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	3.48E+01	1.72E+02	2.31E+02	3.55E+04	2.52E+02	1.57E+04	0.00E+00	1.40E+04	0.00E+00	2.97E+03	
2007 Annual	Mon-Sun	2.27E+09	Forklifts C4	175 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.22E+02	2.54E+01	3.27E+03	4.29E+01	8.34E+02	9.83E+04	0.00E+00	8.30E+04	0.00E+00	3.82E+02	
2007 Annual	Mon-Sun	2.27E+09	Forklifts C4	175 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	4.48E+00	2.21E+01	1.08E+02	2.27E+03	2.49E+02	5.67E+03	7.20E+01	6.00E+03	6.40E+05	0.00E+00	7.92E+04
2007 Annual	Mon-Sun	2.27E+09	Generator C4	120 Light Commercial Equipment	U	N	NH	P	Tulare	SJV	SJU	1.93E+00	6.08E+01	3.82E+00	4.33E+06	7.99E+04	2.47E+04	2.55E+02	0.00E+00	2.27E+06	0.00E+00	3.63E+05
2007 Annual	Mon-Sun	2.27E+09	Generator IC4	175 Light Commercial Equipment	U	N	NH	P	Tulare	SJV	SJU	1.60E+00	5.04E+01	5.52E+00	5.09E+06	9.59E+04	4.18E+04	3.72E+02	0.00E+00	3.37E+06	0.00E+00	4.27E+05
2007 Annual	Mon-Sun	2.27E+09	Air Comp/IC4	50 Light Commercial Equipment	U	N	NH	P	Tulare	SJV	SJU	5.14E+00	3.11E+04	3.33E+03	3.21E+06	5.59E+05	2.70E+07	2.25E+05	0.00E+00	2.00E+09	0.00E+00	1.69E+08
2007 Annual	Mon-Sun	2.27E+09	Air Comp/C4	120 Light Commercial Equipment	U	P	NH	P	Tulare	SJV	SJU	8.21E+01	1.45E+01	1.40E+02	8.36E+05	3.88E+02	8.38E+03	9.23E+01	0.00E+00	7.15E+05	0.00E+00	7.01E+04
2007 Annual	Mon-Sun	2.27E+09	Gas Comp/C4	175 Light Commercial Equipment	U	P	NH	P	Tulare	SJV	SJU	1.00E+01	2.33E+00	3.60E+01	2.31E+05	7.85E+03	8.54E+04	2.40E+01	0.00E+00	1.91E+05	0.00E+00	1.94E+04
2007 Annual	Mon-Sun	2.27E+09	Gas Comp/C4	175 Light Commercial Equipment	U	P	NH	P	Tulare	SJV	SJU	8.75E+01	3.32E+00	3.60E+01	2.31E+05	7.85E+03	8.54E+04	2.40E+01	0.00E+00	2.26E+05	0.00E+00	2.38E+04
2007 Annual	Mon-Sun	2.27E+09	Gas Comp/C4	500 Light Commercial Equipment	U	N	NH	P	Tulare	SJV	SJU	7.01E+02	1.63E+00	5.26E+01	5.33E+05	1.27E+02	2.10E+03	3.49E+04	0.00E+00	3.10E+05	0.00E+00	4.47E+04
2007 Annual	Mon-Sun	2.27E+09	Cargo Trac C4	175 Airport Ground Support Equipment	U	N	NH	NP	Tulare	SJV	SJU	3.09E+02	1.32E+02	1.22E+01	1.23E+07	2.17E+05	1.01E+05	8.24E+04	0.00E+00	7.33E+08	0.00E+00	1.03E+08
2007 Annual	Mon-Sun	2.27E+09	Baggage T/C4	120 Airport Ground Support Equipment	U	N	NH	NP	Tulare	SJV	SJU	5.14E+00	3.11E+04	3.33E+03	3.21E+06	5.59E+05	2.70E+07	2.25E+05	0.00E+00	2.00E+09	0.00E+00	1.69E+08
2007 Annual	Mon-Sun	2.27E+09	Baggage T/C4	120 Airport Ground Support Equipment	U	N	NH	NP	Tulare	SJV	SJU	7.29E+02	1.66E+01	1.04E+00	2.31E+06	3.09E+04	8.61E+05	6.75E+03	0.00E+00	6.04E+07	0.00E+00	1.94E+05
2007 Annual	Mon-Sun	2.27E+09	Belt Loader C4	120 Airport Ground Support Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.94E+02	2.93E+02	9.96E+02	1.83E+07	2.62E+05	8.27E+05	6.54E+04	0.00E+00	5.82E+07	0.00E+00	1.53E+08
2007 Annual	Mon-Sun	2.27E+09	Bobtail C4	120 Airport Ground Support Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.67E+03	4.00E+03	2.47E+02	2.20E+08	5.91E+06	1.08E+06	1.64E+04	0.00E+00	1.46E+08	0.00E+00	1.84E+07
2007 Annual	Mon-Sun	2.27E+09	Conveyor	120 Airport Ground Support Equipment	U	N	NH	NP	Tulare	SJV	SJU	7.83E+03	2.22E+02	8.94E+02	2.22E+07	2.89E+05	7.63E+04	5.77E+04	0.00E+00	5.13E+08	0.00E+00	1.86E+08
2007 Annual	Mon-Sun	2.27E+09	Forklift C4	50 Airport Ground Support Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.02E+01	2.03E+01	3.29E+01	2.69E+07	1.07E+05	1.06E+05	2.27E+03	0.00E+00	2.02E+07	0.00E+00	1.95E+07
2007 Annual	Mon-Sun	2.27E+09	Fuel Truck C4	175 Airport Ground Support Equipment	U	N	NH	NP	Tulare	SJV	SJU	3.42E+03	5.29E+03	2.06E+02	2.35E+08	4.34E+06	1.77E+06	1.38E+04	0.00E+00	1.22E+08	0.00E+00	1.97E+07
2007 Annual	Mon-Sun	2.27E+09	Law Truck C4	175 Airport Ground Support Equipment	U	N	NH	NP	Tulare	SJV	SJU	3.07E+03	3.25E+03	1.17E+02	1.27E+08	2.30E+06	9.87E+07	7.86E+05	0.00E+00	6.99E+09	0.00E+00	1.06E+07
2007 Annual	Mon-Sun	2.27E+09	Lift C4	120 Airport Ground Support Equipment	U	N	NH	NP	Tulare	SJV	SJU	2.87E+03	2.68E+03	1.51E+02	2.33E+08	4.34E+06	1.77E+06	1.38E+04	0.00E+00	1.89E+09	0.00E+00	1.58E+07
2007 Annual	Mon-Sun	2.27E+09	Other C4	50 Airport Ground Support Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.50E+02	4.18E+02	1.15E+01	2.67E+07	1.36E+05	1.25E+05	3.77E+04	0.00E+00	6.91E+08	0.00E+00	2.23E+06
2007 Annual	Mon-Sun	2.27E+09	Passenger C4	175 Airport Ground Support Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.32E+03	4.35E+05	4.86E+04	4.47E+10	7.75E+08	3.16E+06	7.75E+04	0.00E+00	2.80E+10	0.00E+00	3.76E+09
2007 Annual	Mon-Sun	2.27E+09	Sweeper C4	50 Airport Ground Support Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.32E+03	1.01E+03	2.50E+03	3.08E+09	2.03E+07	2.41E+07	1.72E+05	0.00E+00	1.53E+09	0.00E+00	2.58E+08
2007 Annual	Mon-Sun	2.27E+09	Service Tr/C4	250 Airport Ground Support Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.52E+02	5.41E+02	2.18E+01	2.39E+07	1.18E+05	1.45E+03	4.07E+04	0.00E+00	1.29E+07	0.00E+00	2.00E+06
2007 Annual	Mon-Sun	2.27E+09	Catering Tr/C4	250 Airport Ground Support Equipment	U	N	NH	NP	Tulare	SJV	SJU	8.90E+03	7.19E+03	8.51E+02	9.38E+08	1.72E+05	1.22E+05	5.70E+04	0.00E+00	5.07E+08	0.00E+00	7.66E+07
2007 Annual	Mon-Sun	2.27E+09	Pavers D	50 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	1.13E+01	2.54E+01	2.17E+01	4.69E+06	1.27E+05	2.02E+05	2.37E+03	3.01E+08	1.59E+06	0.00E+00	4.22E+07	
2007 Annual	Mon-Sun	2.27E+09	Pavers D	120 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	7.75E+00	1.78E+01	5.68E+01	1.71E+03	4.83E+03	9.94E+03	6.16E+01	7.22E+06	8.53E+04	0.00E+00	1.54E+04	
2007 Annual	Mon-Sun	2.27E+09	Pavers D	175 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	3.07E+02	7.84E+01	3.19E+01	4.31E+03	5.29E+05	4.55E+03	6.16E+02	7.10E+05	7.99E+05	0.00E+00	1.87E+04	
2007 Annual	Mon-Sun	2.27E+09	Pavers D	250 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	5.80E+01	1.33E+00	1.18E+01	1.87E+04	5.45E+04	1.80E+03	1.30E+01	1.46E+06	7.51E+05	0.00E+00	1.71E+05	
2007 Annual	Mon-Sun	2.27E+09	Pavers D	500 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	5.95E+01	3.70E+00	1.48E+01	2.09E+04	1.02E+03	2.01E+03	1.59E+01	1.87E+06	1.81E+05	0.00E+00	1.87E+05	
2007 Annual	Mon-Sun	2.27E+09	Rollers D	15 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	2.53E+02	2.50E+00	7.47E+00	1.94E+07	8.60E+03	1.34E+07	5.60E+05	6.00E+03	6.00E+03	0.00E+00	8.67E+07	
2007 Annual	Mon-Sun	2.27E+09	Rollers D	15 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	4.56E+00	8.69E+00	2.51E+00	3.28E+05	1.67E+04	2.09E+04	2.54E+02	4.27E+07	1.51E+05	0.00E+00	4.95E+06	
2007 Annual	Mon-Sun	2.27E+09	Rollers D	25 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	1.91E+00	3.63E+00	2.21E+00	3.36E+05	1.04E+04	2.12E+04	2.42E+02	3.07E+07	1.35E+05	0.00E+00	3.03E+06	
2007 Annual	Mon-Sun	2.27E+09	Rollers D	50 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	5.93E+00	1.14E+01	1.39E+01	8.67E+04	1.96E+03	1.64E+03	1.49E+01	1.92E+06	1.93E+04	0.00E+00	7.62E+05	
2007 Annual	Mon-Sun	2.27E+09	Rollers D	120 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	1.28E+01	2.46E+01	1.22E+02	2.15E+03	7.88E+03	1.75E+03	1.33E+00	2.15E+05	9.20E+04	0.00E+00	1.94E+04	
2007 Annual	Mon-Sun	2.27E+09	Rollers D	250 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	1.82E+00	3.50E+00	2.43E+01	3.28E+04	9.41E+04	3.35E+03	2.67E+01	3.01E+06	1.27E+04	0.00E+00	2.94E+05	
2007 Annual	Mon-Sun	2.27E+09	Scrapers D	120 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	2.24E+01	9.03E+01	3.91E+00	1.19E+04	3.36E+04	6.82E+04	4.24E+02	4.97E+07	6.05E+05	0.00E+00	1.08E+05	
2007 Annual	Mon-Sun	2.27E+09	Scrapers D	175 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	2.69E+00	8.28E+00	5.60E+01	1.14E+03	3.95E+03	8.82E+03	6.11E+01	6.88E+05	4.90E+04	0.00E+00	1.03E+04	
2007 Annual	Mon-Sun	2.27E+09	Scrapers D	250 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	2.52E+00	6.10E+00	3.29E+01	4.47E+03	3.45E+03	1.17E+03	8.40E+01	1.17E+06	8.20E+04	0.00E+00	1.10E+04	
2007 Annual	Mon-Sun	2.27E+09	Scrapers D	500 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	7.22E+02	2.22E+01	3.55E+02	4.62E+03	2.16E+02	4.44E+02	3.56E+03	3.95E+05	1.80E+03	0.00E+00	7.97E+04	
2007 Annual	Mon-Sun	2.27E+09	Scrapers D	750 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	3.24E+01	9.95E+01	2.52E+01	3.61E+04	1.67E+03	2.50E+03	2.76E+01	2.75E+06	1.40E+04	0.00E+00	3.25E+05	
2007 Annual	Mon-Sun	2.27E+09	Paving Equip D	50 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	1.96E+01	4.45E+01	2.56E+01	3.69E+06	1.21E+05	3.45E+05	2.81E+03	3.59E+06	1.56E+06	0.00E+00	3.51E+07	
2007 Annual	Mon-Sun	2.27E+09	Paving Equip D	120 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	3.07E+01	2.54E+01	2.17E+01	4.69E+06	1.27E+05	2.02E+05	2.37E+03	3.01E+08	1.59E+06	0.00E+00	4.22E+07	
2007 Annual	Mon-Sun	2.27E+09	Paving Equip D	175 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	2.38E+00	5.50E+00	1.38E+01	4.12E+04	1.17E+04	2.40E+03	1.50E+01	1.47E+06	2.05E+04	0.00E+00	3.72E+05	
2007 Annual	Mon-Sun	2.27E+09	Surfacing ED	50 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	1.12E+00	2.58E+00	1.19E+00	2.32E+04	8.28E+04	1.80E+03	1.30E+01	1.78E+06	1.02E+04	0.00E+00	2.15E+05	
2007 Annual	Mon-Sun	2.27E+09	Surfacing ED	120 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	3.15E+00	1.81E+00	1.24E+01	6.64E+06	1.54E+05	1.43E+03	1.71E+08	1.54E+06	0.00E+00	6.00E+07		
2007 Annual	Mon-Sun	2.27E+09	Surfacing ED	120 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	3.01E+02	3.76E+02	1.10E+01	2.73E+08	8.44E+06	1.69E+05	1.20E+03	1.40E+08	1.36E+06	0.00E+00	2.48E+07	
2007 Annual	Mon-Sun	2.27E+09	Surfacing ED	175 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	5.12E+02	6.10E+02	3.19E+01	4.29E+08	1.41E+07	1.38E+06	7.59E+07	0.00E+00	6.00E+08	0.00E+00	1.91E+07	
2007 Annual	Mon-Sun	2.27E+09	Surfacing ED	250 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	4.52E+02	5.64E+02	4.45E+01	4.22E+08	1.29E+07	8.58E+05	1.58E+03	1.42E+08	1.66E+06	0.00E+00	3.86E+07	
2007 Annual	Mon-Sun	2.27E+09	Surfacing ED	500 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	3.77E+01	4.70E+01	4.73E+00	4.22E+05	2.32E+04	5.69E+04	5.19E+02	5.09E+07	2.05E+05	0.00E+00	4.71E+06	
2007 Annual	Mon-Sun	2.27E+09	Surfacing ED	750 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	6.19E+02	7.71E+02	1.22E+00	1.37E+05	5.97E+05	1.50E+04	1.34E+02	3.32E+07	5.33E+06	0.00E+00	1.24E+06	
2007 Annual	Mon-Sun	2.27E+09	Signal Box D	15 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	1.62E+01	9.86E+01	1.34E+01	2.96E+04	1.94E+04	1.34E+01	2.96E+04	1.94E+04	0.00E+00	2.96E+04	0.00E+00	1.21E+06
2007 Annual	Mon-Sun	2.27E+09	Signal Box D	50 Construction and Mining Equipment	P	NH	NP	Tulare	SJV	SJU	1.05E+01	1.55E+01</										

2007 Annual	Mon-Sun	2.27E+09	Off-HighwayD	1000 Construction and Mining EquipmU	N	NH	NP	Tulare	SJV	SJU	1.09E-01	3.37E+01	1.28E+01	2.16E-04	1.14E-03	2.12E-03	1.37E-01	1.38E-08	7.69E-05	0.00E+00	1.98E-05	
2007 Annual	Mon-Sun	2.27E+09	Off-HighwayD	25 Construction and Mining EquipmU	N	NH	NP	Tulare	SJV	SJU	1.14E-01	3.74E+01	1.14E+01	2.16E-04	1.14E-03	2.12E-03	1.37E-01	1.38E-08	7.69E-05	0.00E+00	1.98E-05	
2007 Annual	Mon-Sun	2.27E+09	Other ConstD	15 Construction and Mining EquipmU	P	NH	NP	Tulare	SJV	SJU	2.48E+00	4.72E+01	2.18E+00	2.85E-05	1.45E-04	2.38E-02	3.71E-07	1.31E-05	0.00E+00	2.57E-06	6.79E-07	
2007 Annual	Mon-Sun	2.27E+09	Other ConstD	25 Construction and Mining EquipmU	P	NH	NP	Tulare	SJV	SJU	4.22E-01	1.09E+01	4.81E-01	7.31E-06	2.27E-05	4.60E-05	5.27E-03	6.69E-08	2.24E-07	0.00E+00	6.59E-07	
2007 Annual	Mon-Sun	2.27E+09	Other ConstD	50 Construction and Mining EquipmU	P	NH	NP	Tulare	SJV	SJU	6.48E-01	1.25E+00	1.64E+00	8.48E-05	2.04E-04	1.84E-04	1.75E-02	2.26E-07	2.02E-05	0.00E+00	7.65E-06	
2007 Annual	Mon-Sun	2.27E+09	Other ConstD	100 Construction and Mining EquipmU	P	NH	NP	Tulare	SJV	SJU	1.43E+01	1.50E+01	2.60E+01	6.35E-02	1.92E-03	3.80E-04	2.96E-01	3.35E-04	2.95E-04	0.00E+00	5.49E-06	
2007 Annual	Mon-Sun	2.27E+09	Other ConstD	175 Construction and Mining EquipmU	P	NH	NP	Tulare	SJV	SJU	1.48E+00	2.85E+00	1.39E+01	2.09E-04	8.48E-04	1.75E-01	1.77E-06	1.52E-07	9.13E-05	0.00E+00	1.88E-05	
2007 Annual	Mon-Sun	2.27E+09	Other ConstD	500 Construction and Mining EquipmU	N	NH	NP	Tulare	SJV	SJU	3.43E+00	6.62E+00	7.63E+01	6.93E-04	2.54E-03	8.09E-03	8.41E-01	8.25E-06	2.73E-04	0.00E+00	6.25E-05	
2007 Annual	Mon-Sun	2.27E+09	Aerial LfHs D	25 Industrial Equipment	P	NH	NP	Tulare	SJV	SJU	1.61E+01	1.69E+01	1.55E+01	7.20E-04	1.71E-03	1.66E-01	2.15E-07	1.76E-04	0.00E+00	6.50E-05	6.23E-06	
2007 Annual	Mon-Sun	2.27E+09	Aerial LfHs D	50 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.43E+01	1.50E+01	2.60E+01	6.35E-02	1.92E-03	3.80E-04	2.96E-01	3.35E-04	2.95E-04	0.00E+00	5.49E-06
2007 Annual	Mon-Sun	2.27E+09	Aerial LfHs D	500 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.83E+00	1.93E+00	1.98E+01	1.72E-04	6.98E-04	2.10E-03	2.05E-01	2.01E-08	6.66E-05	0.00E+00	1.55E-05
2007 Annual	Mon-Sun	2.27E+09	Aerial LfHs D	750 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.47E-01	1.55E-01	2.70E+00	2.58E-05	1.01E-04	3.10E-04	2.98E-02	4.98E-06	0.00E+00	2.32E-06	2.32E-06
2007 Annual	Mon-Sun	2.27E+09	Forklifts D	50 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	4.88E+00	2.41E+01	1.67E+01	1.10E-03	2.52E-03	1.97E-03	1.77E-01	2.28E-06	2.46E-04	0.00E+00	9.95E-05
2007 Annual	Mon-Sun	2.27E+09	Forklifts D	120 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	7.65E+00	3.78E+01	5.62E+01	1.47E-03	4.40E-03	8.17E-03	5.69E-01	6.91E-06	8.00E-04	0.00E+00	1.32E-04
2007 Annual	Mon-Sun	2.27E+09	Forklifts D	175 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	7.64E+00	3.77E+01	1.32E+02	1.42E-03	3.98E-03	1.67E-02	1.45E+00	1.63E-05	5.08E-04	0.00E+00	1.28E-04
2007 Annual	Mon-Sun	2.27E+09	Sweepers/D	15 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	3.58E-01	6.38E-01	3.48E-01	3.98E-08	2.80E-05	2.80E-05	3.81E-03	5.92E-08	2.05E-06	0.00E+00	3.59E-07
2007 Annual	Mon-Sun	2.27E+09	Sweepers/D	25 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	3.58E-01	6.38E-01	5.70E-01	7.99E-06	2.62E-05	5.33E-05	6.25E-03	7.93E-08	3.37E-06	0.00E+00	7.21E-07
2007 Annual	Mon-Sun	2.27E+09	Sweepers/D	50 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	6.98E+00	2.33E+01	3.47E+01	2.28E-03	5.10E-03	4.08E-03	3.69E-01	4.76E-06	5.00E-04	0.00E+00	2.04E-04
2007 Annual	Mon-Sun	2.27E+09	Sweepers/D	120 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.15E+01	3.86E+01	1.38E+02	3.98E-03	1.09E-02	2.03E-02	1.45E+00	1.74E-05	1.91E-03	0.00E+00	3.23E-04
2007 Annual	Mon-Sun	2.27E+09	Sweepers/D	175 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	5.31E+00	1.78E+01	1.13E+02	2.01E-03	5.12E-03	1.52E-02	1.23E+00	1.39E-05	8.84E-04	0.00E+00	1.81E-04
2007 Annual	Mon-Sun	2.27E+09	Other GenD	25 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	8.51E-01	2.85E+00	2.09E+01	2.32E-04	6.11E-04	2.69E-03	2.30E-01	2.59E-05	8.56E-05	0.00E+00	2.10E-05
2007 Annual	Mon-Sun	2.27E+09	Other GenD	50 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	9.49E-01	3.87E+00	1.07E+00	1.23E-05	7.17E-05	8.63E-05	1.17E-02	1.83E-07	6.31E-06	0.00E+00	1.11E-06
2007 Annual	Mon-Sun	2.27E+09	Other GenD	120 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.26E+00	4.92E+00	3.44E+00	4.72E-05	1.55E-04	3.11E-04	3.77E-02	2.02E-05	0.00E+00	4.28E-06	4.28E-06
2007 Annual	Mon-Sun	2.27E+09	Other GenD	175 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.56E+00	1.61E+00	6.27E+00	4.41E-04	9.80E-04	7.57E-04	6.62E-02	8.56E-07	9.53E-05	0.00E+00	3.98E-05
2007 Annual	Mon-Sun	2.27E+09	Other GenD	500 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.23E+00	1.81E+01	8.95E-02	1.27E-06	3.43E-06	9.45E-06	1.29E-06	5.11E-07	8.87E-06	0.00E+00	1.95E-07
2007 Annual	Mon-Sun	2.27E+09	Other GenD	175 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	6.26E+00	2.44E+01	1.07E+02	2.05E-03	7.16E-03	1.57E-02	1.17E+00	1.32E-05	8.89E-04	0.00E+00	1.85E-04
2007 Annual	Mon-Sun	2.27E+09	Other GenD	250 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	6.24E+00	2.45E+01	1.50E+02	1.95E-03	5.24E-03	2.08E-02	1.85E+00	1.36E-05	7.34E-04	0.00E+00	1.76E-04
2007 Annual	Mon-Sun	2.27E+09	Other GenD	500 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	6.22E+00	2.44E+01	1.50E+02	1.95E-03	5.24E-03	2.08E-02	1.85E+00	1.36E-05	7.34E-04	0.00E+00	1.76E-04
2007 Annual	Mon-Sun	2.27E+09	Other GenD	750 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.55E+00	6.07E+00	1.21E+02	1.42E-03	5.14E-03	1.52E-02	1.34E+00	1.03E-05	5.42E-04	0.00E+00	1.28E-04
2007 Annual	Mon-Sun	2.27E+09	Other GenD	1000 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	9.46E-01	3.69E+00	9.42E+01	1.32E-03	5.01E-03	1.43E-02	1.03E+00	1.45E-05	4.50E-04	0.00E+00	1.19E-04
2007 Annual	Mon-Sun	2.27E+09	Other MateD	50 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	4.48E-02	1.62E-01	2.32E-01	1.61E-05	3.59E-05	2.45E-03	3.17E-08	3.49E-06	0.00E+00	1.46E-06	1.46E-06
2007 Annual	Mon-Sun	2.27E+09	Other MateD	120 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	2.69E-01	1.17E+01	2.81E+01	2.46E-04	6.17E-04	2.45E-02	3.45E-01	2.18E-06	8.92E-05	0.00E+00	1.94E-05
2007 Annual	Mon-Sun	2.27E+09	Other MateD	175 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	2.88E-01	1.04E+00	5.81E+00	1.10E-04	3.88E-04	8.47E-04	6.34E-02	4.81E-05	0.00E+00	9.92E-06	9.92E-06
2007 Annual	Mon-Sun	2.27E+09	Other MateD	250 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	6.84E-01	2.47E+00	1.63E+01	2.10E-04	5.67E-04	2.25E-03	1.79E-01	2.02E-08	7.92E-05	0.00E+00	1.89E-05
2007 Annual	Mon-Sun	2.27E+09	Other MateD	500 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.38E+01	3.80E+01	1.97E+02	4.45E-04	1.42E-03	4.34E-03	6.72E-02	1.32E-06	8.47E-06	0.00E+00	2.01E-06
2007 Annual	Mon-Sun	2.27E+09	Other MateD	9999 Industrial Equipment	U	N	NH	NP	Tulare	SJV	SJU	3.84E-02	1.39E-01	4.68E+00	6.54E-05	2.49E-04	5.14E-02	5.14E-02	7.22E-05	0.00E+00	5.00E-06	5.00E-06
2007 Annual	Mon-Sun	2.27E+09	Leaf BlowE	15 Lawn and Garden Equipment	U	N	NH	P	Tulare	SJV	SJU	6.54E-02	2.15E-02	2.95E-03	4.11E-08	2.01E-07	2.89E-07	3.23E-05	5.00E-10	1.95E-08	0.00E+00	3.71E-09
2007 Annual	Mon-Sun	2.27E+09	Leaf BlowE	25 Lawn and Garden Equipment	U	N	NH	P	Tulare	SJV	SJU	4.57E+00	6.72E+00	3.47E+01	8.75E-04	5.73E-04	5.73E-04	4.57E-04	3.76E-07	5.30E-06	0.00E+00	2.03E-06
2007 Annual	Mon-Sun	2.27E+09	Leaf BlowE	250 Lawn and Garden Equipment	U	N	NH	P	Tulare	SJV	SJU	1.63E-02	5.37E-03	2.44E-02	2.25E-07	7.28E-07	2.85E-06	2.00E-06	3.03E-09	8.18E-08	0.00E+00	2.03E-08
2007 Annual	Mon-Sun	2.27E+09	SnowblowE	175 Lawn and Garden Equipment	U	N	NH	P	Tulare	SJV	SJU	2.46E-02	2.71E-02	1.65E-01	2.49E-06	9.55E-06	2.15E-05	1.80E-03	2.03E-08	1.02E-06	0.00E+00	2.24E-07
2007 Annual	Mon-Sun	2.27E+09	SnowblowE	250 Lawn and Garden Equipment	U	N	NH	P	Tulare	SJV	SJU	4.17E-01	4.62E-01	4.23E+00	4.85E-03	1.35E-04	5.26E-04	4.69E-02	5.24E-07	1.70E-05	0.00E+00	4.10E-06
2007 Annual	Mon-Sun	2.27E+09	Lawn & GasD	500 Lawn and Garden Equipment	U	N	NH	P	Tulare	SJV	SJU	7.02E+00	1.91E+01	1.07E+00	2.03E-06	1.17E-05	2.01E-05	1.62E-06	1.25E-06	6.17E-07	0.00E+00	1.11E-06
2007 Annual	Mon-Sun	2.27E+09	Lawn & GasD	15 Lawn and Garden Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.58E-02	2.34E-02	9.98E-01	1.45E-03	6.87E-03	1.02E-02	1.09E+00	1.67E-05	7.28E-04	0.00E+00	1.31E-04
2007 Annual	Mon-Sun	2.27E+09	Lawn & GasD	25 Lawn and Garden Equipment	U	N	NH	NP	Tulare	SJV	SJU	1.23E+00	1.85E+02	1.20E+02	1.75E-03	5.69E-03	1.17E-01	1.31E+00	1.87E-05	7.28E-04	0.00E+00	1.58E-04
2007 Annual	Mon-Sun	2.27E+09	Lawn & GasD	500 Lawn and Garden Equipment	U	N	NH	NP	Tulare	SJV	SJU	2.32E+00	3.60E+00	8.95E-02	1.27E-06	9.45E-06	1.29E-06	9.45E-06	5.11E-07	8.00E-06	0.00E+00	1.95E-06
2007 Annual	Mon-Sun	2.27E+09	Chippers/D	120 Lawn and Garden Equipment	U	N	NH	P	Tulare	SJV	SJU	2.03E+00	2.58E+00	9.00E+00	2.11E-04	6.65E-04	1.32E-03	9.80E-02	1.15E-06	1.04E-04	0.00E+00	1.90E-05
2007 Annual	Mon-Sun	2.27E+09	Chippers/D	175 Lawn and Garden Equipment	U	N	NH	P	Tulare	SJV	SJU	1.39E-01	1.47E-01	1.00E+00	1.63E-05	6.34E-05	1.41E-04	1.17E-03	6.17E-07	6.79E-06	0.00E+00	1.47E-06
2007 Annual	Mon-Sun	2.27E+09	Chippers/D	250 Lawn and Garden Equipment	U	N	NH	P	Tulare	SJV	SJU	3.27E+00	4.54E+00	4.20E+01	3.37E-05	1.42E-04	4.83E-03	5.21E-08	1.76E-06	0.00E+00	6.00E-06	6.00E-06
2007 Annual	Mon-Sun	2.27E+09	Chippers/D	500 Lawn and Garden Equipment	U	N	NH	P	Tulare	SJV	SJU	1.02E-01	8.55E-01	4.20E+00	4.25E-06	1.68E-04	4.84E-04	4.78E-02	4.87E-07	1.65E-05	0.00E+00	3.83E-06
2007 Annual	Mon-Sun	2.27E+09	Chippers/D	750 Lawn and Garden Equipment	U	N	NH	P	Tulare	SJV	SJU	3.43E-01	4.37E-01	1.18E+01	1.19E-04	4.59E-04	1.38E-03	1.30E-01	1.41E-06	4.58E-05	0.00E+00	1.08E-05
2007 Annual	Mon-Sun	2.27E+09	Chippers/D	1000 Lawn and Garden Equipment	U	N	NH	P	Tulare	SJV	SJU	6.54E-01	8.32E-01	3.21E+01	3.98E-04	1.50E-03	4.45E-03	3.52E-01	3.54E-06	1.37E-04	0.00E+00	3.57E-05
2007 Annual	Mon-Sun	2.27E+09	CommercialD	15 Lawn and Garden Equipment	U	N	NH	NP	Tulare	SJV	SJU	7.47E-01	2.18E+00	1.14E+02	1.98E-03	6.51E-03	1.30E-02	2.01E-05	1.8			

2007 Annual	Mon-Sun	2.27E+09	Bell LoaderD	120 Airport Ground Support EquipmeU	N	NHH	NP	Tulare	SJV	SJU	1.19E-01	3.19E-01	5.00E-01	1.62E-05	4.34E-05	9.18E-05	5.42E-03	6.38E-08	8.09E-06	0.00E+00	1.46E-06	
2007 Annual	Mon-Sun	2.27E+09	Cargo Load	120 Airport Ground Support EquipmeU	N	NHH	NP	Tulare	SJV	SJU	8.77E-03	1.64E-02	5.89E-02	1.62E-06	2.32E-05	1.03E-05	6.32E-04	7.68E-09	8.97E-07	0.00E+00	1.64E-07	
2007 Annual	Mon-Sun	2.27E+09	Coreq Loco	120 Airport Ground Support EquipmeU	N	NHH	NP	Tulare	SJV	SJU	1.46E-01	1.62E-01	1.05E+00	3.31E-05	8.69E-05	1.79E-04	1.14E-02	1.34E-07	1.00E+00	0.00E+00	2.82E-06	
2007 Annual	Mon-Sun	2.27E+09	Forklift D	175 Airport Ground Support EquipmeU	N	NHH	NP	Tulare	SJV	SJU	2.01E-02	4.10E-02	1.10E-01	1.99E-06	6.95E-06	1.59E-05	1.20E-03	1.38E-08	8.40E-07	0.00E+00	1.79E-07	
2007 Annual	Mon-Sun	2.27E+09	Fuel Truck D	250 Airport Ground Support EquipmeU	N	NHH	NP	Tulare	SJV	SJU	1.08E-02	1.86E-02	4.89E-02	6.37E-07	1.82E-06	6.79E-06	5.49E-04	1.16E-09	2.43E-07	0.00E+00	5.75E-08	
2007 Annual	Mon-Sun	2.27E+09	Ground PvcD	175 Airport Ground Support EquipmeU	N	NHH	P	Tulare	SJV	SJU	7.74E-03	3.46E-02	1.31E-01	3.94E-06	1.10E-05	2.20E-05	1.42E-03	1.80E-08	2.07E-06	0.00E+00	5.62E-07	
2007 Annual	Mon-Sun	2.27E+09	Lat Truck D	175 Airport Ground Support EquipmeU	N	NHH	NP	Tulare	SJV	SJU	2.58E-03	9.25E-03	2.22E-02	4.40E-07	1.48E-06	3.36E-06	2.43E-04	2.74E-09	1.90E-07	0.00E+00	3.97E-08	
2007 Annual	Mon-Sun	2.27E+09	Lift D	120 Airport Ground Support EquipmeU	N	NHH	NP	Tulare	SJV	SJU	2.68E-02	5.83E-02	1.93E-01	5.32E-06	1.54E-05	3.10E-05	2.10E-03	2.40E-08	2.70E-06	0.00E+00	4.90E-07	
2007 Annual	Mon-Sun	2.27E+09	Over Ground PvcD	120 Airport Ground Support EquipmeU	N	NHH	NP	Tulare	SJV	SJU	1.62E-02	4.29E-01	1.31E-01	5.54E-05	1.93E-04	4.35E-04	3.29E-02	3.71E-07	2.39E-05	0.00E+00	5.05E-06	
2007 Annual	Mon-Sun	2.27E+09	Passenger D	120 Airport Ground Support EquipmeU	N	NHH	NP	Tulare	SJV	SJU	4.13E-03	7.93E-04	2.89E-03	5.53E-08	1.87E-07	3.73E-07	2.94E-05	1.45E-10	2.53E-08	0.00E+00	4.99E-09	
2007 Annual	Mon-Sun	2.27E+09	Sweeper D	120 Airport Ground Support EquipmeU	N	NHH	NP	Tulare	SJV	SJU	1.19E-02	9.41E-03	1.41E-02	2.81E-07	9.73E-07	1.85E-06	1.54E-04	3.75E-10	1.39E-07	0.00E+00	2.54E-08	
2007 Annual	Mon-Sun	2.27E+09	Generator D	175 Airport Ground Support EquipmeU	N	NHH	P	Tulare	SJV	SJU	4.23E-02	1.85E-01	1.35E+00	2.71E-05	9.03E-05	2.05E-04	1.62E-07	1.17E-05	0.00E+00	0.00E+00	2.44E-06	
2007 Annual	Mon-Sun	2.27E+09	Generator D	250 Airport Ground Support EquipmeU	N	NHH	P	Tulare	SJV	SJU	4.39E-02	1.96E-01	2.00E+00	2.90E-05	7.76E-05	2.20E-02	1.67E-07	1.10E-05	0.00E+00	0.00E+00	2.62E-06	
2007 Annual	Mon-Sun	2.27E+09	Generator D	500 Airport Ground Support EquipmeU	N	NHH	P	Tulare	SJV	SJU	4.64E-03	2.09E-02	3.36E-01	4.39E-06	1.50E-05	4.38E-05	3.68E-03	4.15E-08	1.67E-06	0.00E+00	3.96E-07	
2007 Annual	Mon-Sun	2.27E+09	Generator D	750 Airport Ground Support EquipmeU	N	NHH	P	Tulare	SJV	SJU	6.19E-03	2.77E-02	7.22E-01	9.51E-06	3.22E-05	9.61E-05	7.53E-03	8.92E-09	3.63E-06	0.00E+00	7.07E-08	
2007 Annual	Mon-Sun	2.27E+09	Service TruD	175 Airport Ground Support EquipmeU	N	NHH	NP	Tulare	SJV	SJU	1.70E-02	2.36E-02	4.69E-02	7.83E-07	2.84E-06	6.52E-06	5.13E-04	3.98E-02	3.27E-07	0.00E+00	1.07E-08	
2007 Annual	Mon-Sun	2.27E+09	Catering TrID	250 Airport Ground Support EquipmeU	N	NHH	NP	Tulare	SJV	SJU	4.13E-03	4.19E-03	2.97E-02	2.42E-07	7.25E-07	3.31E-06	3.28E-04	3.95E-09	8.95E-08	0.00E+00	2.19E-08	
2007 Annual	Mon-Sun	2.27E+09	Hydrant TrID	175 Airport Ground Support EquipmeU	N	NHH	NP	Tulare	SJV	SJU	8.28E-03	1.41E-02	9.91E-02	1.79E-06	6.24E-06	1.45E-05	1.09E-03	1.22E-08	7.45E-07	0.00E+00	1.62E-07	
2007 Annual	Mon-Sun	2.27E+09	CompressD	120 Airport Ground Support EquipmeU	N	NHH	P	Tulare	SJV	SJU	2.58E-03	5.79E-03	1.51E-02	4.19E-07	1.21E-06	2.44E-06	1.65E-04	1.68E-09	1.00E+00	0.00E+00	3.78E-08	
2007 Annual	Mon-Sun	2.27E+09	CompressD	250 Airport Ground Support EquipmeU	N	NHH	P	Tulare	SJV	SJU	5.16E-04	1.15E-03	6.12E-03	8.25E-08	2.30E-07	8.52E-07	6.72E-05	7.55E-10	3.18E-08	0.00E+00	7.45E-09	
2007 Annual	Mon-Sun	2.27E+09	CompressD	500 Airport Ground Support EquipmeU	N	NHH	P	Tulare	SJV	SJU	2.06E-03	4.61E-03	5.55E-02	6.10E-07	2.20E-06	6.40E-06	5.54E-04	5.44E-09	2.36E-07	0.00E+00	5.51E-08	
2007 Annual	Mon-Sun	2.27E+09	CompressD	750 Airport Ground Support EquipmeU	N	NHH	P	Tulare	SJV	SJU	6.71E-03	1.50E-02	2.42E-01	2.97E-06	1.06E-06	3.13E-06	2.62E-05	2.68E-10	1.46E-08	0.00E+00	2.68E-07	
2007 Annual	Mon-Sun	2.27E+09	Transport FD	15 Transport Refrigeration Units	U	N	NHH	NP	Tulare	SJV	SJU	9.99E+01	2.85E+02	1.04E+03	1.55E-03	7.29E-03	1.09E-02	1.14E+00	1.29E-04	7.13E-04	0.00E+00	1.40E-04
2007 Annual	Mon-Sun	2.27E+09	Transport FD	25 Transport Refrigeration Units	U	N	NHH	NP	Tulare	SJV	SJU	3.79E+01	1.08E+02	6.72E+01	1.01E-03	3.43E-03	6.68E-03	7.36E-01	9.34E-06	4.17E-04	0.00E+00	9.07E-05
2007 Annual	Mon-Sun	2.27E+09	A/C Unit D	50 Transport Refrigeration Units	U	N	NHH	P	Tulare	SJV	SJU	2.20E+02	2.90E+03	3.46E+03	1.49E-01	4.02E-01	3.71E-01	3.75E-01	4.85E-04	3.98E-02	0.00E+00	1.35E-02
2007 Annual	Mon-Sun	2.27E+09	A/C Unit D	120 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	4.74E-01	3.90E-01	1.36E+00	3.08E-05	9.82E-05	1.98E-04	1.48E-02	1.74E-07	1.47E-05	0.00E+00	2.78E-06	
2007 Annual	Mon-Sun	2.27E+09	A/C Unit D	250 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	1.98E-01	1.63E-01	1.16E+00	1.28E-05	3.90E-05	1.45E-04	1.27E-02	1.43E-07	4.71E-06	0.00E+00	1.14E-06	
2007 Annual	Mon-Sun	2.27E+09	A/C Unit D	500 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	7.82E-02	6.44E-02	6.89E-02	1.29E-06	7.62E-06	7.49E-06	8.62E-05	1.07E-08	2.62E-07	0.00E+00	6.19E-07	
2007 Annual	Mon-Sun	2.27E+09	Aircraft SupD	120 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	1.29E-01	1.06E-01	2.49E-01	5.65E-06	1.80E-06	3.63E-05	2.71E-03	3.19E-08	2.70E-06	0.00E+00	5.09E-07	
2007 Annual	Mon-Sun	2.27E+09	Aircraft SupD	175 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	1.84E-01	1.52E-01	7.28E-01	1.08E-05	4.24E-05	9.57E-05	7.97E-03	8.97E-08	4.39E-06	0.00E+00	9.78E-07	
2007 Annual	Mon-Sun	2.27E+09	Crane D	120 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	3.52E-02	4.55E-02	1.27E-01	2.89E-06	9.17E-06	1.63E-05	1.39E-03	2.81E-08	1.98E-06	0.00E+00	3.47E-07	
2007 Annual	Mon-Sun	2.27E+09	Crane D	175 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	1.38E-02	1.14E-02	5.97E-02	8.88E-07	7.85E-06	6.63E-04	3.16E-09	3.60E-07	0.00E+00	0.00E+00	8.01E-08	
2007 Annual	Mon-Sun	2.27E+09	Cart D	250 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	4.60E-02	3.79E-02	2.55E-01	2.78E-06	6.89E-06	3.20E-05	3.85E-04	1.04E-06	0.00E+00	0.00E+00	2.51E-07	
2007 Annual	Mon-Sun	2.27E+09	CommunicD	50 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	1.84E-02	1.52E-02	2.12E-02	9.50E-07	2.27E-06	2.39E-06	2.22E-04	2.94E-09	2.35E-07	0.00E+00	8.57E-08	
2007 Annual	Mon-Sun	2.27E+09	CompressD	120 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	1.84E-02	1.52E-02	2.60E-02	1.16E-06	2.78E-06	2.92E-04	2.79E-04	3.62E-09	2.87E-07	0.00E+00	1.05E-07	
2007 Annual	Mon-Sun	2.27E+09	CompressD	120 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	6.95E-01	5.72E-01	1.40E+00	3.18E-05	1.01E-04	2.04E-04	1.53E-02	1.79E-07	1.52E-05	0.00E+00	2.87E-06	
2007 Annual	Mon-Sun	2.27E+09	CompressD	175 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	3.68E-02	3.03E-02	2.31E-01	2.52E-06	7.79E-06	2.90E-05	2.54E-03	1.68E-08	9.40E-07	0.00E+00	2.27E-07	
2007 Annual	Mon-Sun	2.27E+09	CompressD	500 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	1.29E-01	1.06E-01	1.35E+00	1.33E-05	5.30E-05	1.57E-04	1.49E-02	1.46E-07	5.11E-06	0.00E+00	1.20E-06	
2007 Annual	Mon-Sun	2.27E+09	Crane D	120 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	1.38E-02	1.14E-02	5.49E-02	6.05E-07	2.89E-06	5.84E-06	6.02E-04	1.88E-09	2.63E-07	0.00E+00	5.46E-08	
2007 Annual	Mon-Sun	2.27E+09	Crane D	250 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	9.20E-03	7.58E-03	5.52E-02	3.49E-07	1.13E-06	5.53E-06	6.09E-04	6.86E-09	1.33E-07	0.00E+00	3.15E-08	
2007 Annual	Mon-Sun	2.27E+09	DisceD	120 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	1.84E-02	1.52E-02	5.75E-02	1.30E-06	4.15E-06	8.38E-06	6.26E-04	7.39E-09	6.24E-07	0.00E+00	1.19E-07	
2007 Annual	Mon-Sun	2.27E+09	DisceD	50 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	1.24E-01	1.02E-01	1.39E-01	6.09E-06	1.55E-05	1.46E-04	1.89E-08	1.50E-06	0.00E+00	0.00E+00	5.93E-07	
2007 Annual	Mon-Sun	2.27E+09	Generator ID	120 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	3.09E+00	2.05E+00	7.29E+00	1.54E-04	5.26E-04	1.06E-03	7.94E-02	9.32E-07	7.91E-05	0.00E+00	1.49E-05	
2007 Annual	Mon-Sun	2.27E+09	Generator ID	175 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	2.49E+00	2.05E+00	1.03E+01	1.54E-04	6.02E-04	1.36E-03	1.13E-01	1.27E-06	6.23E-05	0.00E+00	1.39E-06	
2007 Annual	Mon-Sun	2.27E+09	Generator ID	500 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	1.15E-01	1.15E-01	1.15E-01	1.46E-06	5.18E-06	4.15E-06	5.11E-07	1.69E-06	2.30E-06	0.00E+00	1.96E-07	
2007 Annual	Mon-Sun	2.27E+09	Generator ID	750 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	2.67E-01	2.20E-01	2.61E+00	2.59E-05	1.02E-04	3.03E-04	2.87E-02	2.82E-07	9.88E-06	0.00E+00	2.33E-06	
2007 Annual	Mon-Sun	2.27E+09	Crane D	120 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	9.20E-03	7.58E-03	1.38E-01	1.40E-06	5.42E-06	1.64E-05	1.52E-03	1.53E-08	5.29E-07	0.00E+00	1.28E-07	
2007 Annual	Mon-Sun	2.27E+09	Crane D	175 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	1.40E-01	1.17E-01	9.89E-01	1.61E-06	5.05E-06	1.21E-04	9.06E-03	1.06E-07	9.02E-06	0.00E+00	1.71E-06	
2007 Annual	Mon-Sun	2.27E+09	Lift (Military) D	120 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	9.20E-03	7.58E-03	2.48E-02	5.63E-07	1.79E-06	3.62E-06	2.71E-04	3.19E-09	2.69E-07	0.00E+00	8.08E-08	
2007 Annual	Mon-Sun	2.27E+09	Light D	50 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	2.30E-02	1.89E-02	3.31E-02	1.48E-06	3.54E-06	3.73E-06	3.56E-04	4.60E-09	3.66E-07	0.00E+00	1.34E-07	
2007 Annual	Mon-Sun	2.27E+09	Pressure VD	175 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	1.38E-02	1.14E-02	5.93E-02	8.62E-07	3.45E-06	7.79E-06	6.89E-04	7.32E-09	3.57E-07	0.00E+00	7.96E-08	
2007 Annual	Mon-Sun	2.27E+09	Pump (Mil/D)	50 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	2.07E-01	1.70E-01	5.88E-01	1.33E-05	4.25E-05	8.57E-05	6.41E-03	7.50E-08	6.38E-06	0.00E+00	1.20E-06	
2007 Annual	Mon-Sun	2.27E+09	Start Cart D	120 Military Tactical Support Equip U	N	NHH	P	Tulare	SJV	SJU	4.60E-03	3.79E-03	1.31E-02	2.98E-07								

## ***NATURAL GAS EMISSIONS***

**TULARE County Gas Usage (MCF) by Market**

	Active Meters (Total)		Residential	Commercial	Industrial	NGV	Total (MCF/year)
County of Tulare (Mcf/year)			1,239,323	2,059,449	2,614,877		5,913,647.9
# Meters	27,428		25,831.00	1,499.00	98.00		27,428.0
<b>Summary from CIS report e08p40-1</b>							

Year 2007 Pollutant	Emission Factor (AP42)	unit = lb/million cubic feet	unit = tons/yr	unit = pounds/yr	unit = pounds/yr	Total annual emissions - 2007
<b>NOx</b>	94 residential - uncontrolled		57			398 tons/yr
	100 commercial - uncontrolled			100		
	190 industrial - uncontrolled				241	
<b>VOC</b>	5.5 all sources		3	6	7	16 tons/yr
<b>CO</b>	40 residential - uncontrolled		24			215 tons/yr
	84 commercial - uncontrolled			84		
	84 industrial - uncontrolled				107	
<b>PM10</b>	7.6 all sources		5	8	10	22 tons/yr
<b>PM2.5</b>	7.6 all sources		5	8	10	22 tons/yr

Year 2030 Pollutant	Emission Factor (AP42)	unit = lb/million cubic feet	unit = tons/yr	unit = pounds/yr	unit = pounds/yr	Total annual emissions - 2030
<b>NOx</b>	94 residential - uncontrolled		87			465 tons/yr
	100 commercial - uncontrolled			111		
	190 industrial - uncontrolled				267	
<b>VOC</b>	5.5 all sources		5	6	8	19 tons/yr
<b>CO</b>	40 residential - uncontrolled		37			248 tons/yr
	84 commercial - uncontrolled			93		
	84 industrial - uncontrolled				118	
<b>PM10</b>	7.6 all sources		7	8	11	26 tons/yr
<b>PM2.5</b>	7.6 all sources		7	8	11	26 tons/yr

Natural Gas Conversion Factors				Assumptions
1	cubic foot	1050	Btu	<ul style="list-style-type: none"> <li>• 2030 Residential will increase proportionate to population growth (~32.9%)</li> <li>• 2030 Commercial and Industrial will increase proportionate to job growth (~10.5%)</li> <li>• Population and job growth projections provided by the Tulare County Association of Governments</li> </ul>
1	therm	100,000	Btu	
1	Mcf	10.2	therms	
1	MMBtu	10	therms	

