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# **APPENDIX D**

## EMFAC RESULTS

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**ELM STREET VILLAS ANNUAL FUEL DEMAND**  
**Calendar Year 2023, Santa Clara County**  
**(EMFAC2017, March 24, 2021)**

	D	E	F	G	H
5	vehicle_class	fuel	process	pollutant	emission
358	LDA	Dsl	RUNEX	Fuel	0.019766
359	MDV	Gas	STREX	Fuel	0.025677
360	MDV	Gas	RUNEX	Fuel	0.802155
361	LDT2	Gas	STREX	Fuel	0.03503
362	LDT2	Gas	RUNEX	Fuel	1.123855
363	LDT1	Gas	STREX	Fuel	0.009405
364	LDT1	Gas	RUNEX	Fuel	0.309979
365	LHD1	Gas	RUNEX	Fuel	0.239038
366	LHD1	Gas	IDLEX	Fuel	0.00085
367	LHD1	Gas	STREX	Fuel	0.001985
368	LHD2	Gas	RUNEX	Fuel	0.037758
369	LHD2	Gas	IDLEX	Fuel	0.000135
370	LHD2	Gas	STREX	Fuel	0.00031
371	T6TS	Gas	RUNEX	Fuel	0.05684
372	T6TS	Gas	IDLEX	Fuel	0.000339
373	T6TS	Gas	STREX	Fuel	0.000492
374	T7IS	Gas	RUNEX	Fuel	0.000453
375	T7IS	Gas	STREX	Fuel	1.91E-06
376	LDT1	Dsl	RUNEX	Fuel	9.00E-05
377	LDT2	Dsl	RUNEX	Fuel	0.006394
378	MDV	Dsl	RUNEX	Fuel	0.017994
379	LHD1	Dsl	RUNEX	Fuel	0.084338
380	LHD1	Dsl	IDLEX	Fuel	0.000549
381	LHD2	Dsl	RUNEX	Fuel	0.037358
382	LHD2	Dsl	IDLEX	Fuel	0.000355
383	LDA	Gas	STREX	Fuel	0.081601
384	LDA	Gas	RUNEX	Fuel	2.882173
385	SBUS	Gas	RUNEX	Fuel	0.004396
386	SBUS	Gas	IDLEX	Fuel	0.000289
387	SBUS	Gas	STREX	Fuel	2.17E-05
388	OBUS	Gas	RUNEX	Fuel	0.017667
389	OBUS	Gas	IDLEX	Fuel	8.06E-05
390	OBUS	Gas	STREX	Fuel	0.000112
391	MCY	Gas	RUNEX	Fuel	0.021789
392	MCY	Gas	STREX	Fuel	0.001758
393	MH	Gas	RUNEX	Fuel	0.019369
394	MH	Gas	STREX	Fuel	3.12E-06
395	MH	Dsl	RUNEX	Fuel	0.003603
396	UBUS	Dsl	RUNEX	Fuel	0.036381
397	UBUS	Gas	STREX	Fuel	1.27E-06
398	UBUS	Gas	RUNEX	Fuel	0.000887

**ELM STREET VILLAS ANNUAL FUEL DEMAND**  
**Calendar Year 2023, Santa Clara County**  
**(EMFAC2017, March 24, 2021)**

	D	E	F	G	H
399	T6 Ag	Dsl	RUNEX	Fuel	5.04E-06
400	T6 Ag	Dsl	IDLEX	Fuel	1.80E-07
401	T6 Public	Dsl	RUNEX	Fuel	0.005777
402	T6 Public	Dsl	IDLEX	Fuel	0.001076
403	T6 CAIRP Small	Dsl	RUNEX	Fuel	0.000335
404	T6 CAIRP Small	Dsl	IDLEX	Fuel	4.09E-06
405	T6 CAIRP Heavy	Dsl	RUNEX	Fuel	0.002365
406	T6 CAIRP Heavy	Dsl	IDLEX	Fuel	8.17E-06
407	T6 Instate Const	Dsl	RUNEX	Fuel	0.017154
408	T6 Instate Const	Dsl	IDLEX	Fuel	0.000158
409	T6 Instate Const	Dsl	RUNEX	Fuel	0.00758
410	T6 Instate Const	Dsl	IDLEX	Fuel	5.99E-05
411	T6 Instate Small	Dsl	RUNEX	Fuel	0.107223
412	T6 Instate Small	Dsl	IDLEX	Fuel	0.001282
413	T6 Instate Heavy	Dsl	RUNEX	Fuel	0.06104
414	T6 Instate Heavy	Dsl	IDLEX	Fuel	0.000285
415	T6 OOS Small	Dsl	RUNEX	Fuel	0.000189
416	T6 OOS Small	Dsl	IDLEX	Fuel	2.33E-06
417	T6 OOS Heavy	Dsl	RUNEX	Fuel	0.001334
418	T6 OOS Heavy	Dsl	IDLEX	Fuel	4.61E-06
419	T6 Utility	Dsl	RUNEX	Fuel	0.000848
420	T6 Utility	Dsl	IDLEX	Fuel	8.37E-05
421	T7 Ag	Dsl	RUNEX	Fuel	6.85E-12
422	T7 Ag	Dsl	IDLEX	Fuel	7.43E-13
423	T7 Public	Dsl	RUNEX	Fuel	0.00771
424	T7 Public	Dsl	IDLEX	Fuel	0.000696
425	PTO	Dsl	RUNEX	Fuel	0.010096
426	T7 CAIRP	Dsl	RUNEX	Fuel	0.078737
427	T7 CAIRP	Dsl	IDLEX	Fuel	0.008398
428	T7 CAIRP Const	Dsl	RUNEX	Fuel	0.007662
429	T7 CAIRP Const	Dsl	IDLEX	Fuel	9.78E-05
430	T7 Utility	Dsl	RUNEX	Fuel	0.000764
431	T7 Utility	Dsl	IDLEX	Fuel	3.90E-05
432	T7 NNOOS	Dsl	RUNEX	Fuel	0.090001
433	T7 NNOOS	Dsl	IDLEX	Fuel	0.011169
434	T7 NOOS	Dsl	RUNEX	Fuel	0.030949
435	T7 NOOS	Dsl	IDLEX	Fuel	0.004132
436	T7 Other Port	Dsl	RUNEX	Fuel	0.010558
437	T7 Other Port	Dsl	IDLEX	Fuel	0.000156
438	T7 POAK	Dsl	RUNEX	Fuel	0.061398
439	T7 POAK	Dsl	IDLEX	Fuel	0.002026
440	T7 POLA	Dsl	RUNEX	Fuel	7.89E-11

**ELM STREET VILLAS ANNUAL FUEL DEMAND**  
**Calendar Year 2023, Santa Clara County**  
**(EMFAC2017, March 24, 2021)**

	D	E	F	G	H
441	T7 POLA	Dsl	IDLEX	Fuel	2.95E-12
442	T7 Single	Dsl	RUNEX	Fuel	0.037718
443	T7 Single	Dsl	IDLEX	Fuel	0.002323
444	T7 Single Const	Dsl	RUNEX	Fuel	0.019686
445	T7 Single Const	Dsl	IDLEX	Fuel	0.000656
446	T7 Tractor	Dsl	RUNEX	Fuel	0.136524
447	T7 Tractor	Dsl	IDLEX	Fuel	0.00362
448	T7 Tractor Con	Dsl	RUNEX	Fuel	0.016311
449	T7 Tractor Con	Dsl	IDLEX	Fuel	0.000554
450	SBUS	Dsl	RUNEX	Fuel	0.013089
451	SBUS	Dsl	IDLEX	Fuel	0.001355
452	Motor Coach	Dsl	RUNEX	Fuel	0.006949
453	Motor Coach	Dsl	IDLEX	Fuel	0.000348
454	All Other Buses	Dsl	RUNEX	Fuel	0.015457
455	All Other Buses	Dsl	IDLEX	Fuel	0.000147
456	T7 SWCV	Dsl	IDLEX	Fuel	0.001167
457	T7 SWCV	Dsl	RUNEX	Fuel	0.040731
1734					
1735		Total Fuel Demand (gal/day)			6.709313
1736		Total Fuel Demand (gal/year)			2448.899