

**AB 617 South Central Fresno Community**

**DRAFT Community Emission Summary - Unreconciled Emissions**

\*\*Note: Work in Progress - Numbers Subject to Change, June 4, 2019

tpy: tons per year

lbs/day: pounds per day

SOURCE CATEGORY	NOx (tpy)	VOC (tpy)	PM2.5 (tpy)	DPM10 (lbs/day)	Benzene (lbs/day)	Toluene (lbs/day)	Xylenes (lbs/day)	Formaldehyde (lbs/day)	Cadmium (lbs/day)
<b>AREA-WIDE SOURCES (2017)</b>									
<b>FUEL COMBUSTION</b>	<b>215.09</b>	<b>6.52</b>	<b>5.72</b>	<b>3.77</b>	<b>2.63</b>	<b>1.37</b>	<b>0.11</b>	<b>6.3308</b>	<b>0.00</b>
FOOD AND AGRICULTURAL PROCESSING	1.92	0.22	0.086	0.49	0.03	0.02	0.0145	0.1890	0.00
MANUFACTURING AND INDUSTRIAL	118.85	-	1.34	-	-	-	-	-	-
OTHER (FUEL COMBUSTION)	24.66	1.40	0.57	3.28	0.17	0.13	0.09	1.28	0.00
SERVICE AND COMMERCIAL	69.66	4.90	3.72	-	2.43	1.22	0.0016	4.8599	0.00
<b>WASTE DISPOSAL</b>	<b>-</b>	<b>6.64</b>	<b>0.00003</b>	<b>-</b>	<b>0.64468</b>	<b>11.60</b>	<b>0.97</b>	<b>-</b>	<b>0.000001</b>
LANDFILLS	-	3.88	-	-	0.64	11.60	0.97	-	-
OTHER (WASTE DISPOSAL)	-	2.76	0.00003	-	-	-	-	-	0.000001
SEWAGE TREATMENT	-	-	-	-	-	-	-	-	-
<b>CLEANING AND SURFACE COATINGS</b>	<b>-</b>	<b>1,436.45</b>	<b>-</b>	<b>-</b>	<b>0.19937</b>	<b>241.12</b>	<b>127.13</b>	<b>-</b>	<b>-</b>
ADHESIVES AND SEALANTS	-	23.12	-	-	0.20	2.51	-	-	-
COATINGS AND RELATED PROCESS SOLVENTS	-	138.32	-	-	-	231.56	114.89	-	-
DEGREASING	-	71.27	-	-	-	5.80	2.69	-	-
LAUNDERING	-	1.57	-	-	-	-	-	-	-
OTHER (CLEANING AND SURFACE COATINGS)	-	1,126.34	-	-	-	-	-	-	-
PRINTING	-	75.83	-	-	-	1.25	9.56	-	-
<b>PETROLEUM PRODUCTION AND MARKETING</b>	<b>-</b>	<b>22.94</b>	<b>-</b>	<b>-</b>	<b>0.65</b>	<b>1.60</b>	<b>0.61</b>	<b>-</b>	<b>-</b>
PETROLEUM MARKETING	-	22.94	-	-	0.65	1.60	0.61	-	-
<b>INDUSTRIAL PROCESSES</b>	<b>-</b>	<b>29.45</b>	<b>-</b>	<b>-</b>	<b>4.24</b>	<b>0.16</b>	<b>-</b>	<b>-</b>	<b>-</b>
CHEMICAL	-	24.57	-	-	4.24	0.16	-	-	-
FOOD AND AGRICULTURE	-	4.88	-	-	-	-	-	-	-
<b>SOLVENT EVAPORATION</b>	<b>-</b>	<b>501.10</b>	<b>-</b>	<b>-</b>	<b>0.08</b>	<b>66.75</b>	<b>48.98</b>	<b>0.04</b>	<b>-</b>
ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENTS	-	155.11	-	-	-	10.71	16.21	-	-
ASPHALT PAVING / ROOFING	-	14.74	-	-	0.08	0.56	0.70	-	-
CONSUMER PRODUCTS	-	310.74	-	-	0.00	55.48	32.07	0.04	-
PESTICIDES/FERTILIZERS	-	20.51	-	-	-	-	-	-	-
<b>MISCELLANEOUS PROCESSES</b>	<b>79.44</b>	<b>84.12</b>	<b>153.70</b>	<b>-</b>	<b>2.80</b>	<b>4.57</b>	<b>1.97</b>	<b>24.77</b>	<b>0.05</b>
CONSTRUCTION AND DEMOLITION	-	-	12.02	-	-	-	-	-	0.028
COOKING (COMMERCIAL CHARBROILING/ FRYING)	-	11.09	70.84	-	0.40	0.19	0.05	8.00	0.001
FARMING OPERATIONS	-	42.93	1.94	-	-	0.01	-	0.10	0.003
FIRES	0.58	1.98	2.08	-	-	-	-	0.30	0.000
FUGITIVE WINDBLOWN DUST	-	-	4.94	-	-	-	-	-	0.007
MANAGED BURNING AND DISPOSAL	1.24	2.06	2.26	-	0.01	0.01	0.00	0.76	0.0002
OTHER (MISCELLANEOUS PROCESSES)	-	-	-	-	-	-	-	-	-
PAVED ROAD DUST	-	-	34.16	-	-	-	-	-	0.008
<b>RESIDENTIAL FUEL COMBUSTION</b>	<b>77.62</b>	<b>26.06</b>	<b>24.31</b>	<b>-</b>	<b>2.39</b>	<b>4.36</b>	<b>1.91</b>	<b>15.62</b>	<b>0.0005</b>
FUEL COMBUSTION - COOKING	5.81	0.34	0.47	-	0.17	0.08	-	0.34	-
FUEL COMBUSTION - SPACE HEATING	34.53	2.09	2.87	-	1.03	0.52	0.00	2.05	0.0001
FUEL COMBUSTION - WATER HEATING	28.62	2.16	2.98	-	1.07	0.54	-	2.15	-
OTHER	6.13	0.35	0.39	-	0.12	0.06	-	0.31	-
WOOD COMBUSTION - FIREPLACES	0.91	6.55	7.94	-	-	0.98	0.59	3.34	0.0002
WOOD COMBUSTION - WOOD STOVES	1.62	14.58	9.66	-	-	2.18	1.32	7.44	0.0002
UNPAVED ROAD DUST	-	-	1.14	-	-	-	-	-	0.001
<b>AREA-WIDE SOURCES EMISSION TOTAL</b>	<b>294.53</b>	<b>2,087.22</b>	<b>159.42</b>	<b>3.77</b>	<b>11.26</b>	<b>327.18</b>	<b>179.76</b>	<b>31.14</b>	<b>0.05</b>
<b>OFF-ROAD MOBILE SOURCES (2017)</b>									
AIRCRAFT	4.86	1.90	1.18	-	0.24	0.27	0.07	1.00	-
TRAINS	224.69	11.17	3.57	21.26	1.39	1.02	0.73	10.24	0.001
RECREATIONAL BOATS	-	6.21	-	-	0.27	0.81	0.32	-	-
OFF-ROAD RECREATIONAL VEHICLES	0.043	8.48	0.0065	-	0.3924	1.82	0.55	0.03	-
OFF-ROAD EQUIPMENT	232.99	120.37	13.08	49.44	16.44	30.85	25.5488	30.35	0.001
AIRPORT GROUND SUPPORT EQUIPMENT	0.48	0.09	0.02	0.08	0.01	0.03	0.0217	0.04	0.000002
COMMERCIAL: Compressors, generators, pumps, etc.	62.18	23.69	4.20	11.19	3.27	5.98	4.9522	6.78	0.0003
CONSTRUCTION AND MINING EQUIPMENT	68.53	7.94	3.44	17.87	1.07	1.13	0.8789	6.16	0.001
INDUSTRIAL EQUIPMENT	33.66	6.06	2.12	9.00	0.93	1.40	1.1710	3.33	0.0003
LAWN AND GARDEN: Leaf blowers, chippers, lawn mowers, etc.	12.03	77.53	1.58	1.08	10.50	21.83	18.18	9.19	0.00003
OTHER: Miscellaneous portable equipment	6.01	0.41	0.19	1.14	0.05	0.04	0.03	0.39	0.00003
RAIL OPERATIONS	0.51	0.05	0.01	0.04	0.01	0.00	0.00	0.05	0.000001
TRANSPORT REFRIGERATION UNITS	49.59	4.59	1.52	9.05	0.60	0.44	0.31	4.41	0.0003
FARM EQUIPMENT	9.01	1.85	0.52	2.95	0.23	0.25	0.19	1.26	0.0001
FUEL STORAGE AND HANDLING	-	17.68	-	-	0.53	1.30	0.49	-	-
<b>OFF-ROAD MOBILE SOURCES EMISSION TOTAL</b>	<b>471.59</b>	<b>167.67</b>	<b>18.36</b>	<b>73.65</b>	<b>19.49</b>	<b>36.32</b>	<b>27.9010</b>	<b>42.88</b>	<b>0.004</b>

SOURCE CATEGORY	NOx (tpy)	VOC (tpy)	PM2.5 (tpy)	DPM10 (lbs/day)	Benzene (lbs/day)	Toluene (lbs/day)	Xylenes (lbs/day)	Formaldehyde (lbs/day)	Cadmium (lbs/day)
<b>ON-ROAD MOBILE SOURCES (2017)</b>									
LIGHT DUTY VEHICLES	244.88	292.00	23.18	0.60	45.40	122.13	120.06	19.26	0.0006
MEDIUM DUTY VEHICLES	263.00	38.35	9.49	37.81	3.88	9.61	14.41	6.57	0.0004
HEAVY DUTY VEHICLES	595.68	29.85	15.46	76.25	6.07	4.70	46.64	43.20	0.0014
<b>ON-ROAD MOBILE SOURCES EMISSION TOTAL</b>	<b>1,103.56</b>	<b>360.20</b>	<b>48.13</b>	<b>114.66</b>	<b>55.36</b>	<b>136.44</b>	<b>181.10</b>	<b>69.03</b>	<b>0.0025</b>