

Appendix C

Methodology for Estimating Sub-County Area Emissions

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Methodology for Estimating Sub-County Area Emissions

Section 3.2.2.3 of the “Requested Revision of the Milwaukee, Wisconsin Nonattainment Area Boundaries for the 2015 Ozone National Ambient Air Quality Standards” presents nitrogen oxide (NO_x) and volatile organic compound (VOC) emissions in Milwaukee, Ozaukee, Racine, Washington and Waukesha counties (5-county area) by minor civil divisions (MCDs). These sub-county emissions are shown in Figures 3-6 and 3-7 and detailed in Table 3-10. This appendix explains how emissions from the 2022v2 Emissions Modeling Platform (EMP) were allocated to the MCD level.

Table 3-10 lists estimated emissions and percentage of emissions captured for sub-county areas of the current Milwaukee nonattainment area (NAA). To estimate emissions for sub-county areas, county emissions were allocated to MCDs two ways. Area and mobile source emissions were distributed to MCDs based on their percentage of estimated 2025 county population (Table C-1).¹ Point source emissions were assigned based on their location (Table C-2). Biogenic emissions were excluded. The existing Milwaukee NAA boundary and proposed split boundaries cross through multiple MCDs. To account for this, an estimate of how much of the MCD is within the NAA was applied to the emission estimate. In Table C-1, these percentages are included after the name of the MCD.

Figures 3-6 and 3-7 show the concentration of NO_x and VOC emissions for each MCD in the 5-county area. To obtain sub-county level nonpoint, onroad and nonroad emissions for each county, emission estimates of the entire county were allocated to MCDs based on 2020 census data. To allocate point emissions into sub-county level, the facility locations were identified using GIS, based on their latitude/longitude coordinates. Biogenic emissions were excluded from the data set prior to creating these plots. The results of these estimates can be found in Table C-3.

¹ Population data from the Wisconsin Department of Administration (DOA) [Demographic Services Center](#).

Table C-1. Sub-County Emissions Estimated for the Milwaukee Nonattainment Area (in tons per year).

Minor Civil Division (Percent in NAA)	2025 Population Estimate	% of County Pop	Nonpoint NOx	Point NOx	NOx	Nonpoint VOC	Point VOC	VOC	Total
Milwaukee County	945,292	-	6,906.64	4,325.63	11,232	13,325	1,642	14,967	26,199
Ozaukee County	94,074	-	915.33	423.11	1,338	1,931	105	2,036	3,374
Revised Milwaukee NAA	77,442	82%	753.50	416.84	1,170	1,590	96	1,686	2,856
<i>City of Mequon (75%)</i>	<i>18,846</i>	<i>20%</i>	<i>183.37</i>	<i>1.60</i>	<i>185</i>	<i>387</i>	<i>10</i>	<i>397</i>	<i>582</i>
<i>Village of Thiensville</i>	<i>3,260</i>	<i>3%</i>	<i>31.72</i>	<i>0.00</i>	<i>32</i>	<i>67</i>	<i>0</i>	<i>67</i>	<i>99</i>
<i>City of Cedarburg</i>	<i>12,976</i>	<i>14%</i>	<i>126.25</i>	<i>0.00</i>	<i>126</i>	<i>266</i>	<i>3</i>	<i>269</i>	<i>396</i>
<i>Town of Cedarburg (25%)</i>	<i>1,542</i>	<i>2%</i>	<i>15.00</i>	<i>0.11</i>	<i>15</i>	<i>32</i>	<i>0</i>	<i>32</i>	<i>47</i>
<i>Village of Grafton</i>	<i>13,124</i>	<i>14%</i>	<i>127.69</i>	<i>17.69</i>	<i>145</i>	<i>269</i>	<i>20</i>	<i>290</i>	<i>435</i>
<i>Town of Grafton</i>	<i>4,341</i>	<i>5%</i>	<i>42.24</i>	<i>0.00</i>	<i>42</i>	<i>89</i>	<i>0</i>	<i>89</i>	<i>131</i>
<i>Village of Saukville</i>	<i>4,226</i>	<i>4%</i>	<i>41.12</i>	<i>114.25</i>	<i>155</i>	<i>87</i>	<i>19</i>	<i>105</i>	<i>261</i>
<i>Town of Saukville (33%)</i>	<i>596</i>	<i>1%</i>	<i>5.80</i>	<i>0.00</i>	<i>6</i>	<i>12</i>	<i>0</i>	<i>12</i>	<i>18</i>
<i>City of Port Washington</i>	<i>12,952</i>	<i>14%</i>	<i>126.02</i>	<i>272.19</i>	<i>398</i>	<i>266</i>	<i>43</i>	<i>309</i>	<i>707</i>
<i>Town of Port Washington</i>	<i>1,593</i>	<i>2%</i>	<i>15.50</i>	<i>0.00</i>	<i>15</i>	<i>33</i>	<i>0</i>	<i>33</i>	<i>48</i>
<i>Town of Belgium</i>	<i>1,467</i>	<i>2%</i>	<i>14.27</i>	<i>0.00</i>	<i>14</i>	<i>30</i>	<i>0</i>	<i>30</i>	<i>44</i>
<i>Village of Belgium</i>	<i>2,519</i>	<i>3%</i>	<i>24.51</i>	<i>11.01</i>	<i>36</i>	<i>52</i>	<i>1</i>	<i>52</i>	<i>88</i>
Racine County	200,014	-	1,838.03	319.01	2,157	3,360	461	3,820	5,977
Racine Partial NAA	153,012	77%	1,406.10	178.09	1,584	2,570	361	2,931	4,515
<i>Village of Raymond</i>	<i>3,975</i>	<i>2%</i>	<i>36.53</i>	<i>0.20</i>	<i>37</i>	<i>67</i>	<i>28</i>	<i>95</i>	<i>131</i>
<i>Village of Caledonia</i>	<i>25,491</i>	<i>13%</i>	<i>234.25</i>	<i>2.91</i>	<i>237</i>	<i>428</i>	<i>0</i>	<i>428</i>	<i>665</i>
<i>City of Racine</i>	<i>77,775</i>	<i>39%</i>	<i>714.71</i>	<i>108.86</i>	<i>824</i>	<i>1,306</i>	<i>99</i>	<i>1,406</i>	<i>2,229</i>
<i>Village of Mount Pleasant</i>	<i>28,636</i>	<i>14%</i>	<i>263.15</i>	<i>49.72</i>	<i>313</i>	<i>481</i>	<i>183</i>	<i>664</i>	<i>977</i>
<i>Village of Sturtevant</i>	<i>7,067</i>	<i>4%</i>	<i>64.94</i>	<i>7.40</i>	<i>72</i>	<i>119</i>	<i>42</i>	<i>161</i>	<i>233</i>
<i>Village of Yorkville</i>	<i>3,274</i>	<i>2%</i>	<i>30.09</i>	<i>1.35</i>	<i>31</i>	<i>55</i>	<i>2</i>	<i>57</i>	<i>89</i>
<i>Village of Union Grove</i>	<i>5,402</i>	<i>3%</i>	<i>49.64</i>	<i>0.97</i>	<i>51</i>	<i>91</i>	<i>6</i>	<i>97</i>	<i>147</i>
<i>Town of Dover (33%)</i>	<i>1,392</i>	<i>1%</i>	<i>12.79</i>	<i>6.68</i>	<i>19</i>	<i>23</i>	<i>0</i>	<i>24</i>	<i>43</i>
Area East of Interstate 94	138,969	69%	1277.06	168.90	1,446	2,334	325	2,659	4,105
<i>Village of Caledonia</i>	<i>25,491</i>	<i>13%</i>	<i>234.25</i>	<i>2.91</i>	<i>237</i>	<i>428</i>	<i>0</i>	<i>428</i>	<i>665</i>
<i>City of Racine</i>	<i>77,775</i>	<i>39%</i>	<i>714.71</i>	<i>108.86</i>	<i>824</i>	<i>1,306</i>	<i>99</i>	<i>1,406</i>	<i>2,229</i>
<i>Village of Mount Pleasant</i>	<i>28,636</i>	<i>14%</i>	<i>263.15</i>	<i>49.72</i>	<i>313</i>	<i>481</i>	<i>183</i>	<i>664</i>	<i>977</i>
<i>Village of Sturtevant</i>	<i>7,067</i>	<i>4%</i>	<i>64.94</i>	<i>7.40</i>	<i>72</i>	<i>119</i>	<i>42</i>	<i>161</i>	<i>233</i>
Washington County	139,504	-	1,871.88	258.95	2,131	4,217	226	4,443	6,574
Washington Partial NAA	77,879	56%	1,044.99	225.96	1,271	2,354	157	2,511	3,782
<i>Village of Germantown</i>	<i>21,053</i>	<i>15%</i>	<i>282.49</i>	<i>149.28</i>	<i>432</i>	<i>636</i>	<i>65</i>	<i>701</i>	<i>1,133</i>
<i>Town of Germantown</i>	<i>240</i>	<i>0%</i>	<i>3.22</i>	<i>0.00</i>	<i>3</i>	<i>7</i>	<i>0</i>	<i>7</i>	<i>10</i>
<i>Village of Richfield (66%)</i>	<i>7,820</i>	<i>6%</i>	<i>104.93</i>	<i>0.00</i>	<i>105</i>	<i>236</i>	<i>0</i>	<i>236</i>	<i>341</i>
<i>Town of Polk (66%)</i>	<i>2,655</i>	<i>2%</i>	<i>35.63</i>	<i>0.00</i>	<i>36</i>	<i>80</i>	<i>0</i>	<i>80</i>	<i>116</i>
<i>Village of Slinger (25%)</i>	<i>1,665</i>	<i>1%</i>	<i>22.34</i>	<i>0.00</i>	<i>22</i>	<i>50</i>	<i>0</i>	<i>50</i>	<i>73</i>
<i>Town of Jackson</i>	<i>4,035</i>	<i>3%</i>	<i>54.14</i>	<i>2.29</i>	<i>56</i>	<i>122</i>	<i>0</i>	<i>122</i>	<i>178</i>

Requested Revision of the Milwaukee, WI Nonattainment Area Boundaries for the 2015 Ozone NAAQS

Minor Civil Division (Percent in NAA)	2025 Population Estimate	% of County Pop	Nonpoint NOx	Point NOx	NOx	Nonpoint VOC	Point VOC	VOC	Total
<i>Village of Jackson</i>	8,096	6%	108.63	8.77	117	245	9	254	371
<i>Town of Trenton</i>	4,652	3%	62.42	0.00	62	141	0	141	203
<i>City of West Bend (75%)</i>	24,368	17%	326.98	65.62	393	737	83	820	1,213
<i>Town of West Bend (10%)</i>	439	0%	5.89	0.00	6	13	0	13	19
<i>Town of Barton (33%)</i>	916	1%	12.30	0.00	12	28	0	28	40
<i>Town of Kewaskum (10%)</i>	112	0%	1.51	0.00	2	3	0	3	5
<i>Town of Farmington (50%)</i>	1,828	1%	24.52	0.00	25	55	0	55	80
Waukesha County	417,230	-	4,408.94	205.06	4,614	7,476	782	8,258	12,872
Waukesha Partial NAA	408,249	98%	4,314.03	197.86	4,512	7,315	768	8,083	12,595
<i>Exclude: Village of Summit (50%)</i>	2,681	1%	28.33	0.00	28	48	0	48	76
<i>Exclude: Village of Dousman</i>	2,711	1%	28.65	0.00	29	49	0	49	77
<i>Exclude: Town of Ottawa (50%)</i>	1,821	0%	19.24	0.00	19	33	0	33	52
<i>Exclude: Town of Eagle (50%)</i>	1,770	0%	18.70	7.21	26	32	14	46	71
Total County Emissions	-	-	15,941	5,532	2,1473	30,309	3,216	33,525	54,997
Total County Emissions Captured	-	-	14,587	5,351	19,938	27,496	3,033	30,529	50,466
Percent Captured	-	-	92%	97%	93%	91%	94%	91%	92%

Table C-2. Ozaukee, Racine Washington, and Waukesha County Point Sources.

County	EIS Facility ID	Pollutant	2022v2 Emissions (tons)	Facility Name	Lat	Lon	MCD
Ozaukee	4784511	NOx	114.25	Charter Steel - Saukville	43.400	-87.948	Village of Saukville
Ozaukee	6153411	NOx	17.41	Pace Industries Est Division	43.315	-87.956	Village of Grafton
Ozaukee	6229211	NOx	267.38	We Energies Port Washington Generating Station	43.384	-87.870	City of Port Washington
Ozaukee	6229511	NOx	0.28	Mid-City Foundry Corp - United Div	43.334	-87.954	Village of Grafton
Ozaukee	6229811	NOx	1.60	Super Steel LLC	43.216	-87.985	City of Mequon
Ozaukee	11041611	NOx	0.11	Covered Bridge Fields	43.329	-87.997	Town of Cedarburg
Ozaukee	12692811	NOx	4.80	Construction Forms Inc	43.370	-87.885	City of Port Washington
Ozaukee	19464911	NOx	11.01	Belgium	43.505	-87.853	Village of Belgium
Ozaukee	4784511	VOCs	18.61	Charter Steel - Saukville	43.400	-87.948	Village of Saukville
Ozaukee	6153411	VOCs	6.63	Pace Industries Est Division	43.315	-87.956	Village of Grafton
Ozaukee	6229211	VOCs	15.97	We Energies Port Washington Generating Station	43.384	-87.870	City of Port Washington
Ozaukee	6229511	VOCs	3.81	Mid-City Foundry Corp - United Div	43.334	-87.954	Village of Grafton
Ozaukee	6229811	VOCs	10.27	Super Steel LLC	43.216	-87.985	City of Mequon
Ozaukee	6230111	VOCs	9.79	Philipp Lithographing Co	43.307	-87.958	Village of Grafton
Ozaukee	6230411	VOCs	3.10	Wilo Machine Co	43.291	-87.992	City of Cedarburg
Ozaukee	6230511	VOCs	13.09	Kleen Test Products - Port Washington	43.393	-87.883	City of Port Washington
Ozaukee	11041611	VOCs	0.23	Covered Bridge Fields	43.329	-87.997	Town of Cedarburg
Ozaukee	12692811	VOCs	13.60	Construction Forms Inc	43.370	-87.885	City of Port Washington
Ozaukee	19464911	VOCs	0.71	Belgium	43.505	-87.853	Village of Belgium
Racine	3962611	NOx	1.06	Insinkerator	42.706	-87.837	City of Racine
Racine	4208611	NOx	120.66	Ardagh Glass Inc	42.663	-88.291	City of Burlington
Racine	4208711	NOx	36.62	S C Johnson & Son Inc	42.706	-87.883	Village of Mount Pleasant
Racine	6479111	NOx	1.00	E C Styberg Engineering Co	42.749	-87.801	City of Racine
Racine	6839711	NOx	2.91	Payne And Dolan Inc - Racine Quarry	42.771	-87.799	Village of Caledonia
Racine	6840011	NOx	5.51	Nestles Confections & Snacks	42.666	-88.268	City of Burlington
Racine	6840111	NOx	5.06	Sc Johnson Howe St Campus	42.714	-87.791	City of Racine
Racine	6840311	NOx	1.76	CNH America LLC	42.701	-87.868	Village of Mount Pleasant
Racine	6840411	NOx	5.29	BRP Us Inc	42.711	-87.908	Village of Sturtevant
Racine	6840811	NOx	0.97	American Roller Co LLC	42.686	-88.059	Village of Union Grove

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County	EIS Facility ID	Pollutant	2022v2 Emissions (tons)	Facility Name	Lat	Lon	MCD
Racine	6852111	NOx	6.53	WI DOA / Southern Wisconsin Center	42.693	-88.081	Town of Dover
Racine	6852211	NOx	3.06	Packaging Corporation Of America - Burlington	42.655	-88.257	City of Burlington
Racine	6852411	NOx	1.47	Shurpac Inc	42.711	-87.803	City of Racine
Racine	6852511	NOx	3.43	Kestrel Hawk Landfill	42.708	-87.870	City of Racine
Racine	6852811	NOx	0.65	Quad/Graphics Commercial & Specialty LLC	42.646	-88.259	City of Burlington
Racine	6853211	NOx	9.66	Ascension All Saints Hospital	42.732	-87.827	City of Racine
Racine	6853511	NOx	0.82	Great Northern Corporation - Racine Division	42.760	-87.804	City of Racine
Racine	6853711	NOx	1.76	Ideal Industries Lighting LLC Dbc Cree Lighting	42.717	-87.899	Village of Sturtevant
Racine	6853911	NOx	11.35	Putzmeister Inc	42.714	-87.892	Village of Mount Pleasant
Racine	6876011	NOx	0.20	Facility Speciality Tapes	42.768	-87.958	Village of Raymond
Racine	8041611	NOx	0.15	Wm Waste Inc	42.681	-88.076	Town of Dover
Racine	9020811	NOx	2.28	John H Batten	42.761	-87.814	City of Racine
Racine	9020911	NOx	0.99	Sylvania	42.703	-87.959	Village of Yorkville
Racine	9021011	NOx	5.18	Burlington Muni	42.691	-88.305	City of Burlington
Racine	11703111	NOx	0.21	Fox River	42.750	-88.251	Village of Rochester
Racine	11823911	NOx	0.29	Cindy Guntly Memorial	42.824	-88.095	Town of Norway
Racine	12179111	NOx	0.04	Horner Farms	42.798	-88.133	Town of Norway
Racine	12693011	NOx	0.48	D & D Industrial Coating Inc	42.711	-87.795	City of Racine
Racine	17125111	NOx	0.54	Lavelle Industries Inc	42.665	-88.286	City of Burlington
Racine	17125311	NOx	83.60	Racine Wastewater Treatment Facility	42.702	-87.786	City of Racine
Racine	17850411	NOx	0.36	Kerry Inc.	42.713	-87.910	Village of Sturtevant
Racine	18871311	NOx	0.36	The Delong Co.,Inc - Colony Ave.	42.712	-88.047	Village of Yorkville
Racine	3962611	VOCs	15.24	Insinkerator	42.706	-87.837	City of Racine
Racine	4208611	VOCs	24.45	Ardagh Glass Inc	42.663	-88.291	City of Burlington
Racine	4208711	VOCs	138.37	S C Johnson & Son Inc	42.706	-87.883	Village of Mount Pleasant
Racine	6479111	VOCs	10.44	E C Styberg Engineering Co	42.749	-87.801	City of Racine
Racine	6839711	VOCs	0.11	Payne And Dolan Inc - Racine Quarry	42.771	-87.799	Village of Caledonia
Racine	6840011	VOCs	13.13	Nestles Confections & Snacks	42.666	-88.268	City of Burlington
Racine	6840111	VOCs	0.28	Sc Johnson Howe St Campus	42.714	-87.791	City of Racine
Racine	6840311	VOCs	17.84	CNH America LLC	42.701	-87.868	Village of Mount Pleasant
Racine	6840411	VOCs	1.92	BRP Us Inc	42.711	-87.908	Village of Sturtevant

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Racine	6840811	VOCs	6.05	American Roller Co LLC	42.686	-88.059	Village of Union Grove
Racine	6852111	VOCs	0.36	WI DOA / Southern Wisconsin Center	42.693	-88.081	Town of Dover
Racine	6852211	VOCs	18.28	Packaging Corporation Of America - Burlington	42.655	-88.257	City of Burlington
Racine	6852411	VOCs	17.88	Shurpac Inc	42.711	-87.803	City of Racine
Racine	6852511	VOCs	5.94	Kestrel Hawk Landfill	42.708	-87.870	City of Racine
Racine	6852811	VOCs	15.44	Quad/Graphics Commercial & Specialty LLC	42.646	-88.259	City of Burlington
Racine	6853211	VOCs	0.47	Ascension All Saints Hospital	42.732	-87.827	City of Racine
Racine	6853311	VOCs	20.74	Burlington Graphic Systems Inc Esot	42.683	-87.810	City of Racine
Racine	6853511	VOCs	3.66	Great Northern Corporation - Racine Division	42.760	-87.804	City of Racine
Racine	6853711	VOCs	3.17	Ideal Industries Lighting LLC Db a Cree Lighting	42.717	-87.899	Village of Sturtevant
Racine	6853911	VOCs	27.23	Putzmeister Inc	42.714	-87.892	Village of Mount Pleasant
Racine	6876011	VOCs	2.73	Facility Speciality Tapes	42.768	-87.958	Village of Raymond
Racine	6876711	VOCs	25.14	Fiber-Tech Inc	42.769	-87.958	Village of Raymond
Racine	8041611	VOCs	0.01	Wm Waste Inc	42.681	-88.076	Town of Dover
Racine	9020811	VOCs	4.64	John H Batten	42.761	-87.814	City of Racine
Racine	9020911	VOCs	2.14	Sylvania	42.703	-87.959	Village of Yorkville
Racine	9021011	VOCs	6.48	Burlington Muni	42.691	-88.305	City of Burlington
Racine	11703111	VOCs	0.47	Fox River	42.750	-88.251	Village of Rochester
Racine	11801311	VOCs	0.00	Valhalla	42.763	-88.043	Village of Raymond
Racine	11823911	VOCs	0.62	Cindy Guntly Memorial	42.824	-88.095	Town of Norway
Racine	12179111	VOCs	0.09	Horner Farms	42.798	-88.133	Town of Norway
Racine	12693011	VOCs	7.06	D & D Industrial Coating Inc	42.711	-87.795	City of Racine
Racine	12693111	VOCs	30.56	Bway Corporation-Midwest Aerosol Plant	42.707	-87.912	Village of Sturtevant
Racine	12693211	VOCs	4.93	Qure-Medical	42.713	-87.913	Village of Sturtevant
Racine	17125111	VOCs	5.40	Lavelle Industries Inc	42.665	-88.286	City of Burlington
Racine	17125311	VOCs	12.76	Racine Wastewater Treatment Facility	42.702	-87.786	City of Racine
Racine	17850411	VOCs	1.33	Kerry Inc.	42.713	-87.910	Village of Sturtevant
Racine	18871311	VOCs	0.02	The Delong Co.,Inc - Colony Ave.	42.712	-88.047	Village of Yorkville
Washington	4068211	NOx	2.62	Helgesen Industries Inc	43.319	-88.397	City of Hartford
Washington	5075611	NOx	0.66	Broan Nutone LLC	43.330	-88.393	City of Hartford

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County	EIS Facility ID	Pollutant	2022v2 Emissions (tons)	Facility Name	Lat	Lon	MCD
Washington	5075911	NOx	1.81	Gkn Sinter Metals	43.222	-88.141	Village of Germantown
Washington	5076011	NOx	74.46	Wmwi Omega Hills Landfill	43.189	-88.073	Village of Germantown
Washington	5076111	NOx	1.82	Serigraph Inc Plant 2	43.411	-88.130	City of West Bend
Washington	5076211	NOx	8.39	Kerry Ingredients - Jackson	43.323	-88.176	Village of Jackson
Washington	5076411	NOx	2.09	Advanced Coatings	43.389	-88.169	City of West Bend
Washington	5076711	NOx	4.13	Westrock CP LLC	43.233	-88.131	Village of Germantown
Washington	5076911	NOx	2.29	Lannon Stone Products-Jackson Quarry	43.351	-88.092	Town of Jackson
Washington	5125811	NOx	19.76	Signicast Corp	43.342	-88.419	City of Hartford
Washington	5235111	NOx	64.80	Wisconsin Electric Power Company D/B/A We Energies-Germantown Station	43.196	-88.150	Village of Germantown
Washington	9036811	NOx	1.27	Hartford Muni	43.349	-88.391	City of Hartford
Washington	9036911	NOx	58.28	West Bend Muni	43.422	-88.128	City of West Bend
Washington	9037411	NOx	0.19	Systems Inc	43.227	-88.151	Village of Germantown
Washington	9037511	NOx	3.43	Regal Ware Inc - West Bend	43.436	-88.176	City of West Bend
Washington	12693911	NOx	2.53	Menasha Packaging Company LLC - Hartford Division	43.325	-88.391	City of Hartford
Washington	12694011	NOx	3.88	Sterling Wisconsin LLC	43.209	-88.073	Village of Germantown
Washington	17963511	NOx	0.38	Rytec Corp	43.321	-88.187	Village of Jackson
Washington	18988011	NOx	3.65	Hartford Finishing Inc	43.325	-88.387	City of Hartford
Washington	4068211	VOCs	10.03	Helgesen Industries Inc	43.319	-88.397	City of Hartford
Washington	5075611	VOCs	5.55	Broan Nutone LLC	43.330	-88.393	City of Hartford
Washington	5075911	VOCs	7.48	Gkn Sinter Metals	43.222	-88.141	Village of Germantown
Washington	5076011	VOCs	14.64	Wmwi Omega Hills Landfill	43.189	-88.073	Village of Menomonee Falls
Washington	5076111	VOCs	15.20	Serigraph Inc Plant 2	43.411	-88.130	City of West Bend
Washington	5076211	VOCs	0.42	Kerry Ingredients - Jackson	43.323	-88.176	Village of Jackson
Washington	5076411	VOCs	33.08	Advanced Coatings	43.389	-88.169	City of West Bend
Washington	5076511	VOCs	6.37	Sunlite Plastics Inc	43.224	-88.148	Village of Germantown
Washington	5076711	VOCs	2.85	Westrock CP LLC	43.233	-88.131	Village of Germantown
Washington	5125811	VOCs	1.99	Signicast Corp	43.342	-88.419	City of Hartford
Washington	5235111	VOCs	0.35	Wisconsin Electric Power Company D/B/A We Energies-Germantown Station	43.196	-88.150	Village of Germantown
Washington	9036811	VOCs	1.76	Hartford Muni	43.349	-88.391	City of Hartford
Washington	9036911	VOCs	31.52	West Bend Muni	43.422	-88.128	City of West Bend

Requested Revision of the Milwaukee, WI Nonattainment Area Boundaries for the 2015 Ozone NAAQS

County	EIS Facility ID	Pollutant	2022v2 Emissions (tons)	Facility Name	Lat	Lon	MCD
Washington	9037411	VOCs	28.59	Systems Inc	43.227	-88.151	Village of Germantown
Washington	9037511	VOCs	3.52	Regal Ware Inc - West Bend	43.436	-88.176	City of West Bend
Washington	12690711	VOCs	4.41	Chemical Research And Technology	43.338	-88.424	City of Hartford
Washington	12693911	VOCs	6.54	Menasha Packaging Company LLC - Hartford Division	43.325	-88.391	City of Hartford
Washington	12694011	VOCs	18.92	Sterling Wisconsin LLC	43.209	-88.073	Village of Germantown
Washington	17963511	VOCs	8.78	Rytec Corp	43.321	-88.187	Village of Jackson
Washington	18988011	VOCs	11.35	Hartford Finishing Inc	43.325	-88.387	City of Hartford
Waukesha	4082311	NOx	1.74	Itu Absorbtech Inc	42.995	-88.113	City of New Berlin
Waukesha	4194311	NOx	1.35	Valmet Inc	42.991	-88.248	City of Waukesha
Waukesha	4209811	NOx	0.68	Wenthe-Davidson Engineering Co	43.009	-88.116	City of New Berlin
Waukesha	4566211	NOx	1.45	Lincoln Industries Of Wisconsin, LLC	42.994	-88.120	City of New Berlin
Waukesha	4923111	NOx	13.83	Quad/Graphics Inc	43.132	-88.206	Village of Sussex
Waukesha	4954711	NOx	3.20	Castalloy Inc	42.985	-88.241	City of Waukesha
Waukesha	4955411	NOx	46.09	Generac Power Systems-Waukesha	42.962	-88.333	Town of Genesee
Waukesha	5126211	NOx	16.10	Innio Waukesha Gas Engines, Inc.	43.005	-88.248	City of Waukesha
Waukesha	6054311	NOx	2.02	Silgan Containers Mfg Corp	43.111	-88.510	City of Oconomowoc
Waukesha	6054511	NOx	3.31	Waukesha Lime & Stone	43.040	-88.214	City of Pewaukee
Waukesha	6054611	NOx	0.85	Fibersin Industries Inc	43.106	-88.482	City of Oconomowoc
Waukesha	6067311	NOx	0.51	Husco International Inc	43.034	-88.223	City of Waukesha
Waukesha	6067511	NOx	1.29	Quad/Graphics Marketing LLC	43.078	-88.195	City of Pewaukee
Waukesha	6067711	NOx	0.16	Schawk Milwaukee, A Saueressig Company, Div Of Matthews International	42.996	-88.118	City of New Berlin
Waukesha	6068211	NOx	2.83	Bimbo Bakeries Usa Inc	43.108	-88.494	City of Oconomowoc
Waukesha	6068311	NOx	0.52	Vorteq Coil Finishers	43.105	-88.482	City of Oconomowoc
Waukesha	6068511	NOx	0.54	Cooper Power Systems LLC	43.010	-88.209	City of Waukesha
Waukesha	6069711	NOx	4.06	Wmwi Muskego Sanitary Landfill	42.892	-88.191	City of Muskego
Waukesha	6070111	NOx	5.58	Bodycote Thermal Processing	43.006	-88.113	City of New Berlin
Waukesha	6070311	NOx	1.87	Glenroy Inc	43.188	-88.108	Village of Menomonee Falls
Waukesha	6070811	NOx	4.26	Wolf Industries Inc - Genesee Plant	43.010	-88.412	Town of Genesee
Waukesha	6071811	NOx	0.36	Multi-Color Corporation	43.073	-88.205	City of Pewaukee
Waukesha	6072111	NOx	0.38	T J Hale Company LLC	43.190	-88.083	Village of Menomonee Falls

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County	EIS Facility ID	Pollutant	2022v2 Emissions (tons)	Facility Name	Lat	Lon	MCD
Waukesha	6085511	NOx	5.29	Cooper Power Systems LLC	42.992	-88.269	City of Waukesha
Waukesha	6085911	NOx	0.33	American Printpak	43.132	-88.196	Village of Sussex
Waukesha	6086111	NOx	4.75	Cargill Cocoa And Chocolate Inc	43.123	-88.067	City of Milwaukee
Waukesha	6480511	NOx	0.75	Waukesha Foundry	43.010	-88.209	City of Waukesha
Waukesha	6480611	NOx	13.27	Metaltek Intl Wis Centrifugal Div	43.018	-88.228	City of Waukesha
Waukesha	7523211	NOx	7.21	Generac Power Systems Inc - Eagle	42.885	-88.478	Village of Eagle
Waukesha	8316611	NOx	0.90	Valspar Speciality Paints Lc	43.186	-88.092	Village of Menomonee Falls
Waukesha	8943311	NOx	5.25	Waukesha County	43.041	-88.245	City of Waukesha
Waukesha	9032511	NOx	6.30	Emerald Park Landfill, LLC	42.850	-88.076	City of Muskego
Waukesha	9032611	NOx	0.19	Milwaukee Electric Tool DbA Empire Level	42.866	-88.314	Village of Mukwonago
Waukesha	9034511	NOx	0.61	Capitol	43.088	-88.178	City of Brookfield
Waukesha	11015011	NOx	0.09	Oconomowoc	43.139	-88.472	City of Oconomowoc
Waukesha	12694411	NOx	6.39	Prohealth Care Waukesha Memorial Hospital	43.011	-88.242	City of Waukesha
Waukesha	12694611	NOx	0.41	Dynatect Manufacturing Inc	43.001	-88.126	City of New Berlin
Waukesha	18870511	NOx	5.51	Payne And Dolan Inc - Control 20 Waukesha	43.039	-88.207	City of Pewaukee
Waukesha	4082311	VOCs	51.61	Itu Absorbtech Inc	42.995	-88.113	City of New Berlin
Waukesha	4194311	VOCs	3.22	Valmet Inc	42.991	-88.248	City of Waukesha
Waukesha	4209811	VOCs	7.70	Wenthe-Davidson Engineering Co	43.009	-88.116	City of New Berlin
Waukesha	4566211	VOCs	5.64	Lincoln Industries Of Wisconsin, LLC	42.994	-88.120	City of New Berlin
Waukesha	4772111	VOCs	3.45	Premold Corp	43.123	-88.532	Town of Oconomowoc
Waukesha	4923111	VOCs	35.64	Quad/Graphics Inc	43.132	-88.206	Village of Sussex
Waukesha	4954711	VOCs	23.70	Castalloy Inc	42.985	-88.241	City of Waukesha
Waukesha	4955411	VOCs	0.04	Generac Power Systems-Waukesha	42.962	-88.333	Town of Genesee
Waukesha	5126211	VOCs	7.72	Innio Waukesha Gas Engines, Inc.	43.005	-88.248	City of Waukesha
Waukesha	6054211	VOCs	9.82	Silgan Containers Mfg Corp	43.183	-88.091	Village of Menomonee Falls
Waukesha	6054311	VOCs	13.10	Silgan Containers Mfg Corp	43.111	-88.510	City of Oconomowoc
Waukesha	6054511	VOCs	0.09	Waukesha Lime & Stone	43.040	-88.214	City of Pewaukee
Waukesha	6054611	VOCs	1.36	Fibersin Industries Inc	43.106	-88.482	Village of Oconomowoc Lake
Waukesha	6067311	VOCs	2.80	Husco International Inc	43.034	-88.223	City of Waukesha
Waukesha	6067511	VOCs	7.15	Quad/Graphics Marketing LLC	43.078	-88.195	City of Pewaukee

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County	EIS Facility ID	Pollutant	2022v2 Emissions (tons)	Facility Name	Lat	Lon	MCD
Waukesha	6067611	VOCs	38.23	Arandell Corporation	43.168	-88.073	Village of Menomonee Falls
Waukesha	6067711	VOCs	1.74	Schawk Milwaukee, A Saueressig Company, Div Of Matthews International	42.996	-88.118	City of New Berlin
Waukesha	6068211	VOCs	27.14	Bimbo Bakeries Usa Inc	43.108	-88.494	City of Oconomowoc
Waukesha	6068311	VOCs	7.93	Vorteq Coil Finishers	43.105	-88.482	City of Oconomowoc
Waukesha	6068511	VOCs	6.81	Cooper Power Systems LLC	43.010	-88.209	City of Waukesha
Waukesha	6069711	VOCs	1.04	Wmwi Muskego Sanitary Landfill	42.892	-88.191	City of Muskego
Waukesha	6070111	VOCs	0.11	Bodycote Thermal Processing	43.006	-88.113	City of New Berlin
Waukesha	6070311	VOCs	4.39	Glenroy Inc	43.188	-88.108	Village of Menomonee Falls
Waukesha	6071011	VOCs	8.22	Kdv Label Co Inc	42.999	-88.236	City of Waukesha
Waukesha	6071211	VOCs	2.88	Wausau Equipment Company Inc	43.009	-88.110	City of New Berlin
Waukesha	6071711	VOCs	4.00	Wildeck Mezzanines Inc	43.007	-88.201	City of Waukesha
Waukesha	6071811	VOCs	22.40	Multi-Color Corporation	43.073	-88.205	City of Pewaukee
Waukesha	6072111	VOCs	4.70	T J Hale Company LLC	43.190	-88.083	Village of Menomonee Falls
Waukesha	6085511	VOCs	24.90	Cooper Power Systems LLC	42.992	-88.269	City of Waukesha
Waukesha	6085911	VOCs	11.54	American Printpak	43.132	-88.196	Village of Sussex
Waukesha	6086111	VOCs	4.26	Cargill Cocoa And Chocolate Inc	43.123	-88.067	City of Milwaukee
Waukesha	6480511	VOCs	2.89	Waukesha Foundry	43.010	-88.209	City of Waukesha
Waukesha	6480611	VOCs	1.00	Metaltek Intl Wis Centrifugal Div	43.018	-88.228	City of Waukesha
Waukesha	7522611	VOCs	4.48	Crossmark Graphics Inc	43.001	-88.112	City of New Berlin
Waukesha	7523211	VOCs	13.81	Generac Power Systems Inc - Eagle	42.885	-88.478	Village of Eagle
Waukesha	7523711	VOCs	5.03	One Touch Point	43.080	-88.355	Village of Hartland
Waukesha	7556611	VOCs	20.03	Cl&D Graphics	43.097	-88.354	Village of Hartland
Waukesha	8316611	VOCs	12.18	Valspar Speciality Paints Lc	43.186	-88.092	Village of Menomonee Falls
Waukesha	8943311	VOCs	7.81	Waukesha County	43.041	-88.245	City of Waukesha
Waukesha	8943711	VOCs	19.20	Dickten & Masch LLC.	43.100	-88.411	Village of Nashotah
Waukesha	8952111	VOCs	5.36	Jts Direct LLC	43.082	-88.354	Village of Hartland
Waukesha	8952211	VOCs	5.01	The Marek Group	43.042	-88.202	City of Pewaukee
Waukesha	8952311	VOCs	1.71	Berco Of America	43.050	-88.206	City of Pewaukee
Waukesha	9032511	VOCs	9.41	Emerald Park Landfill, LLC	42.850	-88.076	City of Muskego
Waukesha	9032611	VOCs	13.90	Milwaukee Electric Tool DbA Empire Level	42.866	-88.314	Village of Mukwonago

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County	EIS Facility ID	Pollutant	2022v2 Emissions (tons)	Facility Name	Lat	Lon	MCD
Waukesha	9032711	VOCs	4.76	Cl&D Graphics	43.112	-88.518	City of Oconomowoc
Waukesha	9034511	VOCs	1.24	Capitol	43.088	-88.178	City of Brookfield
Waukesha	11015011	VOCs	0.20	Oconomowoc	43.139	-88.472	City of Oconomowoc
Waukesha	12694411	VOCs	0.38	Prohealth Care Waukesha Memorial Hospital	43.011	-88.242	City of Waukesha
Waukesha	12694511	VOCs	22.16	Profile Finishing Systems LLC	42.981	-88.243	City of Waukesha
Waukesha	12694611	VOCs	13.59	Dynatect Manufacturing Inc	43.001	-88.126	City of New Berlin
Waukesha	12694711	VOCs	0.02	Accurate Specialties Inc	43.048	-88.233	City of Waukesha
Waukesha	12695011	VOCs	78.99	Atwater - General Corp	43.122	-88.080	Village of Menomonee Falls
Waukesha	14990411	VOCs	5.09	Hubbell Gas Utility Solutions Inc.	42.989	-88.123	City of New Berlin
Waukesha	15583911	VOCs	24.30	Kg Marketing & Bag Co	42.997	-88.265	City of Waukesha
Waukesha	17197411	VOCs	13.01	Quad/Graphics Commercial & Speciality LLC	42.998	-88.120	City of New Berlin
Waukesha	17655111	VOCs	2.58	Inpro Corporation	42.897	-88.153	City of Muskego
Waukesha	18870111	VOCs	22.37	The Gund Co	43.001	-88.245	City of Waukesha
Waukesha	18870511	VOCs	0.30	Payne And Dolan Inc - Control 20 Waukesha	43.039	-88.207	City of Pewaukee
Waukesha	19460411	VOCs	6.23	Costco Wholesale #1101	43.063	-88.229	City of Pewaukee
Waukesha	19460511	VOCs	5.59	Costco Wholesale #1212	42.947	-88.116	City of New Berlin
Waukesha	19460611	VOCs	5.71	Costco Fuel #1209	43.184	-88.113	Village of Menomonee Falls

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Table C-3: MCD Emissions Estimates for Figures 3-6 and 3-7.

County	Minor Civil Division	VOC Point	VOC Nonpoint	VOC Onroad	VOC Nonroad	Total VOC	NOx Point	NOx Nonpoint	NOx Onroad	NOx Nonroad	Total NOx	Total Emissions
Milwaukee	City of Milwaukee	900.99	6,312.47	1,107.11	777.25	9,097.83	713.11	1,872.33	1,781.96	594.30	4,961.69	14,059.52
Milwaukee	City of Oak Creek	393.44	398.65	69.92	49.09	911.09	3,330.14	118.24	112.53	37.53	3,598.45	4,509.54
Milwaukee	City of West Allis	54.24	658.91	115.56	81.13	909.85	16.69	195.44	186.01	62.03	460.17	1,370.02
Milwaukee	City of Wauwatosa	87.16	528.52	92.69	65.08	773.44	71.93	156.76	149.20	49.76	427.65	1,201.09
Milwaukee	City of Franklin	31.19	394.48	69.19	48.57	543.44	83.08	117.01	111.36	37.14	348.59	892.03
Milwaukee	City of Greenfield	-	412.91	72.42	50.84	536.17	-	122.47	116.56	38.87	277.91	814.08
Milwaukee	City of Cudahy	87.35	198.84	34.87	24.48	345.54	71.79	58.98	56.13	18.72	205.62	551.16
Milwaukee	City of South Milwaukee	15.72	227.14	39.84	27.97	310.67	4.05	67.37	64.12	21.38	156.93	467.59
Milwaukee	City of Glendale	28.73	145.89	25.59	17.96	218.17	11.77	43.27	41.18	13.74	109.96	328.13
Milwaukee	Village of Whitefish Bay	-	163.34	28.65	20.11	212.10	-	48.45	46.11	15.38	109.93	322.03
Milwaukee	Village of Greendale	-	162.25	28.46	19.98	210.68	-	48.12	45.80	15.27	109.20	319.88
Milwaukee	Village of Shorewood	-	151.38	26.55	18.64	196.57	-	44.90	42.73	14.25	101.88	298.45
Milwaukee	Village of Brown Deer	-	136.61	23.96	16.82	177.39	-	40.52	38.56	12.86	91.95	269.34
Milwaukee	City of St. Francis	9.33	100.06	17.55	12.32	139.26	0.32	29.68	28.25	9.42	67.67	206.93
Milwaukee	Village of Hales Corners	-	84.32	14.79	10.38	109.50	-	25.01	23.80	7.94	56.75	166.25
Milwaukee	Village of Fox Point	-	75.74	13.28	9.33	98.35	-	22.46	21.38	7.13	50.98	149.32
Milwaukee	Village of West Milwaukee	33.92	44.94	7.88	5.53	92.27	22.75	13.33	12.69	4.23	52.99	145.26
Milwaukee	Village of Bayside	-	47.82	8.39	5.89	62.09	-	14.18	13.50	4.50	32.18	94.28
Milwaukee	Village of River Hills	-	17.50	3.07	2.15	22.72	-	5.19	4.94	1.65	11.78	34.50
Ozaukee	City of Mequon	4.11	404.37	64.84	60.27	533.60	1.39	96.97	110.36	44.00	252.73	786.32
Ozaukee	City of Port Washington	51.53	198.68	31.86	29.61	311.68	286.96	47.64	54.23	21.62	410.45	722.12
Ozaukee	Village of Grafton	22.16	194.52	31.19	28.99	276.85	16.89	46.65	53.09	21.17	137.79	414.65
Ozaukee	City of Cedarburg	2.97	194.95	31.26	29.06	258.24	-	46.75	53.21	21.21	121.17	379.40
Ozaukee	Village of Saukville	22.71	68.48	10.98	10.21	112.38	104.79	16.42	18.69	7.45	147.35	259.73
Ozaukee	Town of Cedarburg	0.22	99.11	15.89	14.77	129.99	0.11	23.77	27.05	10.78	61.71	191.70
Ozaukee	Town of Grafton	-	70.04	11.23	10.44	91.72	-	16.80	19.12	7.62	43.54	135.25
Ozaukee	Village of Thiensville	-	52.92	8.49	7.89	69.29	-	12.69	14.44	5.76	32.89	102.18
Ozaukee	Village of Belgium	0.82	38.94	6.24	5.80	51.80	12.97	9.34	10.63	4.24	37.17	88.97

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County	Minor Civil Division	VOC Point	VOC Nonpoint	VOC Onroad	VOC Nonroad	Total VOC	NOx Point	NOx Nonpoint	NOx Onroad	NOx Nonroad	Total NOx	Total Emissions
Ozaukee	Village of Fredonia	-	36.65	5.88	5.46	48.00	-	8.79	10.00	3.99	22.78	70.78
Ozaukee	Town of Fredonia	-	33.42	5.36	4.98	43.76	-	8.01	9.12	3.64	20.77	64.54
Ozaukee	Town of Saukville	-	28.39	4.55	4.23	37.17	-	6.81	7.75	3.09	17.64	54.81
Ozaukee	Town of Port Washington	-	24.74	3.97	3.69	32.39	-	5.93	6.75	2.69	15.37	47.76
Ozaukee	Town of Belgium	-	23.32	3.74	3.48	30.54	-	5.59	6.37	2.54	14.50	45.03
Ozaukee	Village of Bayside	-	1.67	0.27	0.25	2.19	-	0.40	0.46	0.18	1.04	3.23
Ozaukee	Village of Newburg	-	1.50	0.24	0.22	1.96	-	0.36	0.41	0.16	0.93	2.89
Racine	City of Racine	98.65	1,020.16	170.22	131.35	1,420.38	85.95	309.38	276.35	137.58	809.26	2,229.64
Racine	Village of Mount Pleasant	200.75	363.56	60.66	46.81	671.78	80.62	110.26	98.49	49.03	338.39	1,010.17
Racine	Village of Caledonia	0.15	332.48	55.48	42.81	430.91	4.28	100.83	90.06	44.84	240.01	670.92
Racine	City of Burlington	91.98	144.82	24.17	18.65	279.61	134.17	43.92	39.23	19.53	236.85	516.47
Racine	Village of Sturtevant	38.35	90.71	15.14	11.68	155.87	4.64	27.51	24.57	12.23	68.95	224.82
Racine	Town of Norway	0.84	103.78	17.32	13.36	135.29	0.32	31.47	28.11	14.00	73.90	209.19
Racine	Town of Waterford	-	85.40	14.25	11.00	110.64	-	25.90	23.13	11.52	60.55	171.19
Racine	Town of Burlington	-	84.76	14.14	10.91	109.81	-	25.70	22.96	11.43	60.09	169.90
Racine	Village of Waterford	-	72.65	12.12	9.35	94.13	-	22.03	19.68	9.80	51.51	145.65
Racine	Village of Union Grove	4.71	63.01	10.51	8.11	86.34	0.67	19.11	17.07	8.50	45.34	131.68
Racine	Town of Raymond	21.26	51.47	8.59	6.63	87.95	0.00	15.61	13.94	6.94	36.49	124.44
Racine	Town of Dover	0.83	56.14	9.37	7.23	73.56	6.97	17.02	15.21	7.57	46.77	120.33
Racine	Village of Rochester	0.54	49.62	8.28	6.39	64.83	0.21	15.05	13.44	6.69	35.39	100.22
Racine	Yorkville town	2.52	42.55	7.10	5.48	57.66	1.19	12.91	11.53	5.74	31.37	89.02
Racine	Village of Wind Point	-	21.64	3.61	2.79	28.04	-	6.56	5.86	2.92	15.35	43.39
Racine	Village of Elmwood Park	-	6.69	1.12	0.86	8.66	-	2.03	1.81	0.90	4.74	13.40
Racine	Village of North Bay	-	2.74	0.46	0.35	3.55	-	0.83	0.74	0.37	1.94	5.49
Washington	City of West Bend	101.38	779.86	95.25	103.53	1,080.01	73.58	205.27	163.13	66.15	508.14	1,588.15
Washington	Village of Germantown	68.76	513.74	62.75	68.20	713.44	140.77	135.22	107.47	43.58	427.04	1,140.49
Washington	City of Hartford	50.05	383.57	46.85	50.92	531.38	31.75	100.96	80.24	32.54	245.49	776.87
Washington	Village of Richfield	-	288.32	35.21	38.28	361.81	-	75.89	60.31	24.46	160.66	522.47
Washington	Village of Jackson	6.23	176.47	21.55	23.43	227.68	10.24	46.45	36.91	14.97	108.58	336.26
Washington	Village of Slinger	-	147.17	17.97	19.54	184.68	-	38.74	30.79	12.48	82.01	266.69

Requested Revision of the Milwaukee, WI Nonattainment Area Boundaries for the 2015 Ozone NAAQS

County	Minor Civil Division	VOC Point	VOC Nonpoint	VOC Onroad	VOC Nonroad	Total VOC	NOx Point	NOx Nonpoint	NOx Onroad	NOx Nonroad	Total NOx	Total Emissions
Washington	Town of Jackson	-	113.69	13.89	15.09	142.67	2.61	29.93	23.78	9.64	65.96	208.63
Washington	Town of Trenton	-	111.14	13.57	14.75	139.47	-	29.25	23.25	9.43	61.93	201.40
Washington	Town of West Bend	-	109.08	13.32	14.48	136.88	-	28.71	22.82	9.25	60.78	197.66
Washington	Village of Kewaskum	-	105.83	12.93	14.05	132.81	-	27.86	22.14	8.98	58.97	191.78
Washington	Town of Polk	-	97.95	11.96	13.00	122.91	-	25.78	20.49	8.31	54.58	177.49
Washington	Town of Erin	-	93.95	11.47	12.47	117.89	-	24.73	19.65	7.97	52.35	170.24
Washington	Town of Farmington	-	89.52	10.93	11.88	112.34	-	23.56	18.73	7.59	49.89	162.23
Washington	Town of Addison	-	85.08	10.39	11.29	106.76	-	22.39	17.80	7.22	47.41	154.17
Washington	Town of Hartford	-	83.51	10.20	11.09	104.79	-	21.98	17.47	7.08	46.53	151.32
Washington	Town of Barton	-	67.37	8.23	8.94	84.54	-	17.73	14.09	5.71	37.54	122.08
Washington	Town of Wayne	-	53.59	6.55	7.11	67.25	-	14.11	11.21	4.55	29.86	97.11
Washington	Town of Kewaskum	-	27.46	3.35	3.65	34.46	-	7.23	5.74	2.33	15.30	49.76
Washington	Village of Newburg	-	25.76	3.15	3.42	32.33	-	6.78	5.39	2.19	14.36	46.69
Washington	Town of Germantown	-	5.92	0.72	0.79	7.43	-	1.56	1.24	0.50	3.30	10.73
Washington	City of Milwaukee	-	-	-	-	-	-	-	-	-	-	-
Waukesha	City of Waukesha	223.73	914.48	174.61	217.27	1,530.10	73.02	312.34	289.80	168.65	843.80	2,373.90
Waukesha	City of New Berlin	118.63	519.85	99.26	123.51	861.25	10.60	177.55	164.74	95.87	448.77	1,310.02
Waukesha	Village of Menomonee Falls	144.17	495.12	94.54	117.64	851.47	1.36	169.11	156.90	91.31	418.68	1,270.16
Waukesha	City of Brookfield	1.43	532.87	101.75	126.61	762.65	0.72	182.00	168.87	98.27	449.86	1,212.51
Waukesha	City of Muskego	6.29	321.70	61.43	76.43	465.85	18.41	109.87	101.94	59.33	289.56	755.40
Waukesha	City of Oconomowoc	95.87	233.93	44.67	55.58	430.05	4.86	79.90	74.13	43.14	202.03	632.09
Waukesha	City of Pewaukee	74.35	204.52	39.05	48.59	366.51	14.05	69.85	64.81	37.72	186.43	552.93
Waukesha	Village of Sussex	63.83	147.62	28.19	35.07	274.72	12.37	50.42	46.78	27.22	136.80	411.52
Waukesha	Village of Hartland	31.67	122.10	23.31	29.01	206.10	-	41.70	38.69	22.52	102.91	309.01
Waukesha	Town of Lisbon	-	134.64	25.71	31.99	192.34	-	45.99	42.67	24.83	113.49	305.83
Waukesha	Town of Genesee	0.05	92.16	17.60	21.90	131.70	62.77	31.48	29.20	17.00	140.45	272.15
Waukesha	Town of Oconomowoc	3.22	113.55	21.68	26.98	165.43	-	38.78	35.99	20.94	95.71	261.14
Waukesha	Town of Waukesha	-	108.68	20.75	25.82	155.26	-	37.12	34.44	20.04	91.61	246.87
Waukesha	Village of Mukwonago	11.82	103.33	19.73	24.55	159.43	0.28	35.29	32.74	19.06	87.37	246.80
Waukesha	Town of Merton	-	106.37	20.31	25.27	151.95	-	36.33	33.71	19.62	89.66	241.61

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County	Minor Civil Division	VOC Point	VOC Nonpoint	VOC Onroad	VOC Nonroad	Total VOC	NOx Point	NOx Nonpoint	NOx Onroad	NOx Nonroad	Total NOx	Total Emissions
Waukesha	Village of Pewaukee	-	105.87	20.21	25.15	151.24	-	36.16	33.55	19.52	89.23	240.47
Waukesha	Town of Delafield	-	104.03	19.86	24.72	148.61	-	35.53	32.97	19.19	87.68	236.30
Waukesha	Town of Mukwonago	-	100.00	19.09	23.76	142.85	-	34.15	31.69	18.44	84.28	227.13
Waukesha	Town of Vernon	-	96.05	18.34	22.82	137.21	-	32.81	30.44	17.71	80.96	218.17
Waukesha	City of Delafield	-	92.34	17.63	21.94	131.91	-	31.54	29.26	17.03	77.83	209.73
Waukesha	Village of Elm Grove	-	83.70	15.98	19.89	119.57	-	28.59	26.52	15.44	70.55	190.12
Waukesha	Town of Brookfield	-	83.24	15.89	19.78	118.91	-	28.43	26.38	15.35	70.16	189.07
Waukesha	Village of Summit	-	61.48	11.74	14.61	87.83	-	21.00	19.48	11.34	51.82	139.65
Waukesha	Town of Ottawa	-	46.86	8.95	11.13	66.94	-	16.00	14.85	8.64	39.49	106.43
Waukesha	Town of Eagle	-	44.70	8.53	10.62	63.85	-	15.27	14.16	8.24	37.67	101.52
Waukesha	Village of Merton	-	44.22	8.44	10.51	63.17	-	15.10	14.01	8.16	37.27	100.44
Waukesha	Village of Wales	-	36.78	7.02	8.74	52.54	-	12.56	11.66	6.78	31.00	83.54
Waukesha	Village of Dousman	-	31.09	5.94	7.39	44.41	-	10.62	9.85	5.73	26.20	70.61
Waukesha	Village of North Prairie	-	28.30	5.40	6.72	40.43	-	9.67	8.97	5.22	23.85	64.28
Waukesha	Village of Eagle	-	26.62	5.08	6.32	38.02	-	9.09	8.43	4.91	22.43	60.45
Waukesha	Village of Butler	-	22.97	4.39	5.46	32.81	-	7.84	7.28	4.24	19.36	52.16
Waukesha	Village of Big Bend	-	19.06	3.64	4.53	27.23	-	6.51	6.04	3.51	16.06	43.29
Waukesha	Village of Lannon	-	17.41	3.32	4.14	24.88	-	5.95	5.52	3.21	14.68	39.55
Waukesha	Village of Nashotah	-	16.98	3.24	4.03	24.25	-	5.80	5.38	3.13	14.31	38.56
Waukesha	Village of Oconomowoc Lake	2.16	7.27	1.39	1.73	12.55	1.00	2.48	2.31	1.34	7.14	19.68
Waukesha	Village of Chenequa	-	6.76	1.29	1.61	9.66	-	2.31	2.14	1.25	5.70	15.35
Waukesha	City of Milwaukee	4.92	-	-	-	4.92	5.61	-	-	-	5.61	10.53
Waukesha	Village of Lac La Belle	-	3.59	0.68	0.85	5.12	-	1.22	1.14	0.66	3.02	8.14