

## **Appendix C.1**

### **Point Source Emission Inventory Documentation**

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## **1.0 INTRODUCTION AND SCOPE**

The point source inventory consists of emissions from individual facilities. Primarily, these are industrial or commercial facilities that must have permits issued by the North Carolina Division of Air Quality (NCDAQ).

Although both the State and County agencies inventory all the criteria pollutants and a large number of toxic pollutants, only the nitrogen oxides (NO<sub>x</sub>), fine particle (PM<sub>2.5</sub>), and sulfur dioxide (SO<sub>2</sub>) are reported here since these pollutants have been deemed significant for PM<sub>2.5</sub> formation. The emissions in this report were projected from year 2006 to 2008 (the base year), 2011, 2014, 2017, and 2021 (future years).

The point source inventories detailed in this document are for the Hickory and Greensboro/Winston-Salem/High Point PM<sub>2.5</sub> nonattainment areas, referred to as the Hickory and Triad nonattainment areas. The Hickory nonattainment area includes Catawba County, and the Triad nonattainment area includes Davidson and Guilford Counties. All emissions are calculated on a ton per year basis.

## 2.0 OVERALL METHODOLOGY

All large permitted sources are required to report emissions annually to the NCDAQ and every five years in the case of smaller sources. Additionally, the U.S. Environmental Protection Agency (USEPA) requires the NCDAQ to submit annually this data for large stationary point sources to them. At the time work started on the redesignation demonstration and maintenance plan, the latest year available for the point source inventory submitted to the USEPA was 2006. For the smaller sources that report emissions every five years, the most recent emissions inventory available was used. These data were then projected to 2008, a year that falls within the attaining design value period of 2006-2008, and then to 2011, 2014, 2017, and 2021. The emissions data upon which this document is based were from files maintained by the NCDAQ.

Since 2006, there have been four facilities in the Hickory and Triad PM<sub>2.5</sub> nonattainment areas that have shutdown. A list of these facilities is presented in Table 2.1. These facilities are very small, in most cases emitting approximately 1 ton per year of any one pollutant. The exception being Stanly Furniture Company – Lexington manufacturing which reported emitting 15 tons per year of NO<sub>x</sub>. There was one facility (Thomasville Furniture Plant A/X/V Face) that shutdown prior to the base year 2008; this facility has been removed from the emissions inventory. The remaining facilities were operating part or all of 2008 before shutting down. Therefore, these facilities were included in the emissions inventory and kept at their 2008 emission levels for all future years as a conservative estimate of the maintenance plan emissions.

**Table 2.1. Facilities that Have Shutdown Since 2006**

County	Facility	Shutdown Date
Hickory Nonattainment Area		
Catawba	Progress Furniture	04/14/2008
Catawba	Unifour Finishers, Inc. Division I	07/23/2009
Triad Nonattainment Area		
Davidson	Thomasville Furniture Plant A/X/V Face	05/10/2006
Davidson	Stanley Furniture Company – Lexington Mfg.	07/29/2009

## 2.1 SOURCE IDENTIFICATION

All facilities required to have permits to operate sources of air pollution are known and are required to submit emission inventories.

## 2.2 EMISSION ESTIMATION APPROACH

The emission inventory information reported to the NCDAQ was transferred to a state developed emissions inventory program that helps ensure required data elements are not omitted. It also performs some calculations, thereby minimizing the occurrence of errors. Depending on the particular process and facility, emissions may be calculated by various means. In many cases, emissions are estimated using emission factors published in the USEPA's AP-42, Compilation of Air Pollutant Emission Factors. In a relatively few cases, locally produced emission factors may be used. Sometimes, a mass balance calculation can be employed. In some cases, there is direct continuous monitoring of emissions that are reported.

Emissions reported to and maintained by the NCDAQ are annual emissions. There is also data for operating hours per day and per year, days per week, and the percent of emissions occurring in each quarter.

## 2.3 PM AUGMENTATION

Particulate matter emissions can be reported in many different forms. The USEPA defines particulate matter in the following ways:

PM Category	Description
PM-PRI	Primary PM (includes filterable and condensable)
PM-CON	Primary PM, condensable portion only (all less than 1 micron)
PM-FIL	Primary PM, filterable portion only
PM <sub>10</sub> -PRI	Primary PM <sub>10</sub> (includes filterable and condensable)
PM <sub>10</sub> -FIL	Primary PM <sub>10</sub> , filterable portion only
PM <sub>2.5</sub> -PRI	Primary PM <sub>2.5</sub> (includes filterable and condensable)
PM <sub>2.5</sub> -FIL	Primary PM <sub>2.5</sub> , filterable portion only

The facilities in North Carolina only report PM-PRI, PM<sub>10</sub>-PRI and/or PM<sub>2.5</sub>-PRI. In reviewing the point source emissions inventory for the maintenance plan, it was discovered that some facilities reported PM<sub>10</sub>-PRI emissions but no PM<sub>2.5</sub>-PRI emissions. In these facilities the PM<sub>2.5</sub>-PRI emissions were estimated by using an augmentation procedure developed by USEPA (*Documentation for the Final 1999 National Emissions Inventory {Version 3} for Criteria Air Pollutants and Ammonia – Point Sources, January 31, 2004*). Table 2.2 lists the conversion factors that were used in developing the maintenance plan emission inventory.

**Table 2.2. PM<sub>10</sub> -PRI to PM<sub>2.5</sub>-PRI conversion Factors**

SCC	Conversion Factor
10200401	0.702
30500240	0.641
30500242	0.641
30500501	0.604
30500502	0.745
30500507	0.798
30500599	0.745
30501212	0.961
30501224	0.604
30504030	0.428
30531009	0.349
30588801	0.466
30700820	0.622
30703002	0.640
30703098	0.732
30703099	0.732
30704003	0.770
33000199	0.746
39999992	0.722
39999993	0.722
39999994	0.722
40188805	0.722
40200101	0.890
40200410	0.890
40201606	0.890
40201631	0.890
40201901	0.890

## 2.4 EMISSION PROJECTION

At the time work started on the redesignation demonstration and maintenance plan, the most recently available emissions data was used as the baseline for the projected emissions in this report. Where available, the 2006 data was used (i.e., from major sources that are required to report emissions annually). The NCDAQ calculated linear regressions of future emissions by using the past five years (2002 -2006) of emissions data from North Carolina Criteria and Toxic Air Pollutant Point Source Emissions Report. The values were used to calculate growth factors to project point source emissions inventory to 2008, 2011, 2014, 2017, and 2021.

The NCDAQ considered recent projections for three key sectors in North Carolina where declining production was anticipated – SIC 22xx Textile Mill Products, 23xx Apparel and Other



Fabrics, and 25xx Furniture and Fixtures. For the future year emission inventory projection, the NCDAQ decided to use a growth factor of 1.0 for these SIC codes. Although the NCDAQ has data that shows a steady decline in these industries in North Carolina, the NCDAQ wanted to maintain the emission levels at 2006 levels so the future emission reduction credits were available in the event that they are needed for the nonattainment areas. The Hickory and Triad areas have many of the three industries and the NCDAQ decided to hold emission at the 2006 emission levels.

## **2.5 FUTURE EMISSION REDUCTIONS**

The North Carolina Clean Smokestacks Act requires coal-fired power plants achieve a 77 percent reduction of NO<sub>x</sub> emissions by 2009 and more than 70 percent reduction of SO<sub>2</sub> emissions by 2013. The only affected source within the nonattainment areas is Duke Power, Marshall Steam station, located in Catawba County. The Hickory and Triad areas will also benefit from NO<sub>x</sub> and SO<sub>2</sub> reductions required at other large electrical generation facilities subject to the Clean Smokestacks Act that are located nearby but not in the nonattainment areas.

The North Carolina Clean Smokestacks Act requires coal-fired power plants to cap their emissions for NO<sub>x</sub> and SO<sub>2</sub>. The public utilities have committed to install scrubbers to reduce SO<sub>2</sub> and selective catalytic reduction (SCR) or selective non-catalytic reduction (SNCR) to reduce NO<sub>x</sub>. Scrubber can achieve control efficiency of 90 percent when removing SO<sub>2</sub> and PM<sub>2.5</sub>. SCR can achieve control efficiency of 90 percent when removing NO<sub>x</sub> at coal-fired plants, 80 percent when removing NO<sub>x</sub> at gas-fired plants. SNCR can achieve reductions of 35 percent when used for NO<sub>x</sub> controls.

### **3.0 QUALITY ASSURANCE**

The emission inventory has undergone a number of quality assurance checks so that it meets the standards for submitting the annual inventory to the USEPA. The state emissions inventory database program helps insure that important data elements are present. Where the program performs calculations, it helps avoid calculation errors. In addition, since the State began collecting annual fees for emissions from Title V sources, both the State and the sources are careful that the tons-per-year emissions reported are accurate.

## 4.0 TOTAL POINT SOURCES EMISSIONS FOR HICKORY AND TRIAD NONATTAINMENT AREAS

In the following sections the emissions for the Hickory and Triad nonattainment areas are totaled, as well as, the estimated facility emissions for each county in the nonattainment area are identified for the base year (2008) and the future maintenance years (2011, 2014, 2017 and 2021).

In the original maintenance plan submitted December 18, 2009, the emissions for the one large utility facility located in Catawba County, Duke Power –Marshall Steam Station, the annual emissions were estimated by using North Carolina’s 2009 Clean Smokestacks Act Compliance Plan. In December 2010, the USEPA requested that the estimated 2008 emissions be updated using the actual 2008 emissions. The 2008 emissions for Marshall Steam Station were updated to reflect the actual emissions. The future year SO<sub>2</sub> emissions for this facility were kept constant since the SO<sub>2</sub> controls at this facility were all installed prior to 2008 and the estimated emissions are expected to be relatively constant from year to year. The emission controls at Marshall Steam Station unit 3 were upgraded from selective non-catalytic reduction to selective catalytic reduction during 2008. Therefore, the future year NO<sub>x</sub> emissions for this unit were based upon the 2009 Clean Smokestacks Act Compliance Plan.

Emission summary tables for Hickory and Triad nonattainment counties are as follow:

**Table 4.1. Hickory and Triad Point Source NO<sub>x</sub> Emissions (ton/year)**

County	2008	2011	2014	2017	2021
Catawba	13,310	10,549	10,548	10,548	10,548
Davidson	841	865	892	920	961
Guilford	231	231	232	233	237
<b>Triad Total</b>	1,072	1,096	1,124	1,153	1,198

**Table 4.2. Hickory and Triad Point Source SO<sub>2</sub> Emissions (ton/year)**

County	2008	2011	2014	2017	2021
Catawba	6,189	6,187	6,186	6,184	6,183
Davidson	286	289	292	295	299
Guilford	449	451	453	455	458
<b>Triad Total</b>	<b>735</b>	<b>740</b>	<b>745</b>	<b>750</b>	<b>757</b>

**Table 4.3. Hickory and Triad Point Source PM<sub>2.5</sub> Emissions (ton/year)**

County	2008	2011	2014	2017	2021
Catawba	6,976	6,975	6,975	6,973	6,971
Davidson	179	178	177	176	175
Guilford	62	62	62	63	63
<b>Triad Total</b>	<b>241</b>	<b>240</b>	<b>239</b>	<b>239</b>	<b>238</b>

## DISCUSSION OF POINT SOURCE CATEGORIES

Industrial processes in the inventory are identified with 8-digit numbers known as the Source Classification Codes (SCC). These are grouped numerically into a number of categories for convenience. The following is the inventories reported by SCC by county. In general, the first three digits of the SCC code describe the process and the last five digits give more detail as to the fuel used, size of source, etc.

It should be noted that the SCC in any particular instance was selected by an individual entering inventory data into a computer maintained record. It may be that in some cases, other individuals would have selected other codes. In some cases, there are two or three parallel codes that describe the same sort of equipment, the difference being size. In other cases, one is able to select a general code for an overall process or use several more specific codes that together would be covered by the more general one. If, upon consideration, it appears that a more appropriate code could have been selected, that does not mean that the reported emissions are inaccurate.

A listing of SCC with descriptions may be found in FIRE Version 5.0 Source Classification Codes and Emission Factor Listing for Criteria Air Pollutants, EPA-454/R-95-012.

Occasionally, new SCC is defined so it may be useful to search the EPA's website for new entries.

**Table 5.1. Catawba County Point Sources --Annual Emission (tons/year)**

Facility ID	Facility Name	Unit ID	SCC	2008			2011			2014			2017			2021		
				NOx	PM2.5- PRI	SO2	NOx	PM2.5- PRI	SO2	NOx	PM2.5- PRI	SO2	NOx	PM2.5- PRI	SO2	NOx	PM2.5- PRI	SO2
3703500009	Maymead Materials, Inc. - Hickory Plant	G-22	30500242	2	0	4	2	0	4	2	0	4	2	0	4	2	0	4
<b>3703500009 Total</b>				<b>2</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>4</b>
37035000025	Carolina Container Company	G-1	30703099	0	3	0	0	0	3	0	0	3	0	0	3	0	0	3
		G-25	10300602	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
<b>37035000025 Total</b>				<b>2</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>0</b>
37035000031	Carpenter Company Conover	G-10	39000699	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-11	10500113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-13	39000699	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-2	20100202	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-8	39000699	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR29	20100102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR32	40188805	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>37035000031 Total</b>				<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
37035000043	Century Furniture Industries, Inc., Plant #3	G-15	30703099	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-51	40201901	0	1	0	0	0	1	0	0	1	0	0	1	0	0	1
		G-53	10300601	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>37035000043 Total</b>				<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
37035000044	Century Furniture Industries Plant #1	G-44	10300903	3	2	0	2	2	0	1	1	0	1	1	0	1	1	0
		G-45	10300903	3	2	0	2	2	0	1	1	0	1	1	0	1	1	0
		G-46	30702002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-47	40201901	0	5	0	0	0	5	0	0	5	0	0	4	0	0	4
<b>37035000044 Total</b>				<b>6</b>	<b>9</b>	<b>0</b>	<b>4</b>	<b>8</b>	<b>0</b>	<b>3</b>	<b>8</b>	<b>0</b>	<b>2</b>	<b>7</b>	<b>0</b>	<b>1</b>	<b>6</b>	<b>0</b>
37035000073	Duke Energy Carolinas, LLC - Marshall Steam Station	G-1	10100501	2703	1511	1384	2703	1511	1384	2703	1511	1384	2703	1511	1384	2703	1511	1384
		G-127	20200301	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-128	20200301	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-129	20200301	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Table 5.1. Catawba County Point Sources –Annual Emission (tons/year) – Continued**

Facility ID	Facility Name	Unit ID	SCC	2008			2011			2014			2017			2021		
				NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2
3703500073	Duke Energy Carolinas, LLC - Marshall Steam Station	G-130	20200301	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-131	20200301	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-133	20200102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-137	20200401	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-138	20200401	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-6	30531009	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
		G-8	39999994	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
		G-2	10100501	2003	1111	1026	2003	1111	1026	2003	1111	1026	2003	1111	1026	2003	1111	1026
		G-33	20300101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-4	10100501	4135	2034	1749	1376	2034	1749	1376	2034	1749	1376	2034	1749	1376	2034	1749
		G-49	20200401	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-5	10100501	4380	2287	2015	4380	2287	2015	4380	2287	2015	4380	2287	2015	4380	2287	2015
		G-50	20300101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR2	20300101	13	1	1	13	1	1	13	1	1	13	1	1	13	1	1
<b>3703500073 Total</b>				<b>13234</b>	<b>6946</b>	<b>6175</b>	<b>10475</b>	<b>6946</b>	<b>6175</b>	<b>10475</b>	<b>6946</b>	<b>6175</b>	<b>10475</b>	<b>6946</b>	<b>6175</b>	<b>10475</b>	<b>6946</b>	<b>6175</b>
3703500102	Hickory Chair Company	G-1	10300903	9	5	0	9	5	0	10	5	0	10	5	0	11	5	0
		G-27	10300404	2	0	6	2	0	5	2	0	4	2	0	3	2	0	2
<b>3703500102 Total</b>	HWS Company Inc. dba Hickory White			<b>11</b>	<b>5</b>	<b>6</b>	<b>11</b>	<b>5</b>	<b>5</b>	<b>12</b>	<b>5</b>	<b>4</b>	<b>12</b>	<b>5</b>	<b>3</b>	<b>13</b>	<b>5</b>	<b>2</b>
3703500106		G-1	10300903	12	0	1	12	0	1	13	0	1	13	0	0	13	0	0
		G-3	10300602	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-4	10300602	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>3703500106 Total</b>	Newton Wood Carving Company, Inc.			<b>13</b>	<b>0</b>	<b>1</b>	<b>13</b>	<b>0</b>	<b>1</b>	<b>14</b>	<b>0</b>	<b>1</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>0</b>
3703500159		G-1	30703002	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
<b>3703500159 Total</b>	Progressive Furniture Inc			<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
3703500180		G-38	30702099	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-39	10200602	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-44	40201901	0	1	0	0	0	1	0	0	1	0	0	1	0	0	0

**Table 5.1. Catawba County Point Sources –Annual Emission (tons/year) – Continued**

Facility ID	Facility Name	Unit ID	SCC	2008			2011			2014			2017			2021		
				NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2
3703500180	Progressive Furniture Inc	G-45	40201901	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-7	40201901	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR2	30702099	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR3	30702099	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR4	30702099	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR5	30702099	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>3703500180 Total</b>				<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
3703500184	Plastic Packaging Inc	G-61	39000699	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0
<b>3703500184 Total</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
3703500186	Quaker Furniture, Incorporated dba Studio Q Furniture	G-1	30703002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR6	10300603	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
<b>3703500186 Total</b>				<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
3703500202	Sherrill Furniture Company, Inc.	G-10	10300603	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
<b>3703500202 Total</b>				<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
3703500206	Shurtape Technologies - Hickory/Highland Plt	G-100	10200603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-16	10200602	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-167	40201301	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
			40299999	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		G-169	40201301	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-208	40201301	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3703500206	Shurtape Technologies - Hickory/Highland Plt	G-226	20100202	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-77	10200603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-78	10200603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-85	40201301	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-86	40201301	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		G-87	40201301	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		G-97	10200602	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0
3703500206	Shurtape Technologies -Hickory/Highland	G-98	10200602	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0



**Table 5.1. Catawba County Point Sources –Annual Emission (tons/year) – Continued**

Facility ID	Facility Name	Unit ID	SCC	2008			2011			2014			2017			2021			
				NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	
	Plt																		
3703500206 Total				6	1	0	5	1	0	3	1	0	2	1	0	2	1	0	
3703500224	Style Upholstering, Inc.	G-4	30702004	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	
3703500224 Total				0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	
3703500258	Unifour Finishers, Inc., Division I	G-1	33000104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		G-14	10200603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		G-15	33000106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		G-2	33000104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		G-14	10200603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		G-15	33000106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3703500258	Unifour Finishers, Inc., Division I	G-2	33000104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		G-14	10200603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		G-15	33000106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		G-3	33000199	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		G-4	33000199	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		G-5	33000199	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3703500258	Terra-Mulch Products, LLC	G-6	33000199	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3703500258 Total			1	1	0	1	1	0	1	1	0	1	1	0	1	1	0
		G-1	30700717	9	0	0	9	0	0	9	0	0	9	0	0	9	0	0	0
		G-11	10200602	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	0
		3703500267 Total			11	0	0	11	0	0	11	0	0	11	0	0	11	0	0
		G-1	30703099	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0
3703500296 Total				0	1	0	0	1	0	0	1	0	0	0	0	0	0		
3703500337	Commscope, Inc. - Catawba Plant	G-54	31299999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		G-96	39001099	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	0
3703500337 Total				3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	
3703500339	Classic Leather, Inc.	GR10	20200102	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	
		GR2	20200102	2	1	0	2	1	0	2	1	0	2	1	0	2	1	1	0
		GR36	40201901	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		GR37	30702003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3703500339 Total				2	2	1	2	2	1	2	2	1	2	2	1	2	1	2	1

**Table 5.1. Catawba County Point Sources –Annual Emission (tons/year) – Continued**

Facility ID	Facility Name	Unit ID	SCC	2008			2011			2014			2017			2021		
				NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2
3703500352	Sure Wood Products, Inc.	G-1	30703002	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
<b>3703500352 Total</b>				<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
3703500354	Lee Industries, Inc.	G-1	40201901	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-2	31299999	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
<b>3703500354 Total</b>				<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
3703500419	Draka Comteq Americas, Inc.	G-151	20200401	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-157	10200603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-158	10200603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>3703500419 Total</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
3703500422	Appalachian Hardwood Flooring	G-1	39000999	5	1	0	5	1	0	5	1	0	5	1	0	5	1	0
<b>3703500422 Total</b>				<b>5</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>0</b>
3703500423	Charles Stewart Wood Products	G-2	30703099	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
<b>3703500423 Total</b>				<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
3703500427	Synthetics Finishing Hickory	G-2	40200898	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0
		G-3	40200898	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0
		G-4	39000699	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0
<b>3703500427 Total</b>				<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>
3703500488	Blackburn Sanitary Landfill	G-2	30704002	2	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-5	30704002	3	0	0	2	0	0	2	0	0	1	0	0	1	0	0
<b>3703500488 Total</b>				<b>5</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
3703500493	Synthetics Finishing Longview	G-3	33000499	1	0	0	1	0	0	2	0	0	2	0	0	3	0	0
		G-4	33000499	1	0	0	1	0	0	1	0	0	1	0	0	2	0	0
		G-7	10200603	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0
		G-8	10200603	1	0	0	1	0	0	1	0	0	1	0	0	2	0	0
<b>3703500493 Total</b>				<b>3</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>
3703500533	International Cushioning Company, LLC Hickory	G-9	10200501	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1
3703500533	International Cushioning Company, LLC Hickory	GR2	39999994	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0

**Table 5.1. Catawba County Point Sources –Annual Emission (tons/year) – Continued**

Facility ID	Facility Name	Unit ID	SCC	2008			2011			2014			2017			2021			
				PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	
3703500533 Total				0	1	1	1	0	1	1	0	1	1	0	1	1	0	1	1
County Grand Total				13310	6976	6189	10549	6975	6187	10548	6975	6186	10548	6973	6184	10548	6971	6183	

**Table 5.2. Davidson County Point Sources –Annual Emission (tons/year)**

Facility ID	Facility Name	Unit ID	SCC Code	2008			2011			2014			2017			2021		
				NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2
3705700023	Stanley Furniture Company - Lexington Mfg	G-36	10200906	15	0	0	15	0	0	15	0	0	15	0	0	15	0	0
			10201201	0	9	1	0	9	1	0	9	1	0	9	1	0	9	1
3705700023 Total				15	9	1	15	9	1	15	9	1	15	9	1	15	9	1
3705700048	Dimension Milling Company, Inc.	G-2	10200906	7	3	0	7	3	0	7	3	0	7	3	0	7	3	0
3705700048 Total				7	3	0	7	3	0	7	3	0	7	3	0	7	3	0
3705700049	Linwood Furniture, Inc.	G-48	10200906	2	1	0	2	1	0	2	1	0	2	1	0	2	1	0
		G-49	10200906	9	2	0	9	2	0	9	2	0	9	2	0	9	2	0
		G-67	40201901	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
		G-68	30703099	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3705700049 Total				11	4	1	11	4	1	11	4	1	11	4	1	11	4	1
3705700076	T I Industries	G-3	10200906	3	1	0	3	1	0	2	1	0	2	1	0	2	1	0
		G-66	30703099	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-79	40201901	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-88	40201901	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3705700076 Total				3	2	0	3	1	0	2	1	0	2	1	0	2	1	0
3705700096	Leggett & Platt, Inc. - Metal Bed Rail	G-2	10300603	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-3	10300603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-5	10300501	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR3	10300603	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		GR4	10300603	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
3705700096 Total				3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
3705700106	Owens-Brockway Glass Container Plt 6	G-19	31299999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-26	30501402	105	14	43	109	14	42	114	14	42	119	14	41	125	14	40
		G-27	30501402	231	23	47	240	23	46	251	23	45	261	23	45	276	23	44
		G-28	30501402	292	37	69	304	37	68	317	37	67	331	37	67	349	36	65
		G-29	30501410	0	4	0	0	4	0	0	4	0	0	4	0	0	4	0
		G-32	30501416	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Table 5.2. Davidson County Point Sources –Annual Emission (tons/year) – Continued**

Facility ID	Facility Name	Unit ID	SCC Code	2008			2011			2014			2017			2021		
				NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2
3705700106	Owens-Brockway Glass Container Plt 6	G-36	30501410	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-37	30501410	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-4	30501406	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-40	30501410	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-41	30501406	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
		G-42	30501410	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-5	30501406	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-6	30501406	0	13	0	0	13	0	0	13	0	0	13	0	0	13	0
		GR4	30501402	2	0	0	2	0	0	2	0	0	3	0	0	3	0	0
<b>3705700106 Total</b>				<b>631</b>	<b>92</b>	<b>159</b>	<b>658</b>	<b>92</b>	<b>156</b>	<b>686</b>	<b>91</b>	<b>154</b>	<b>715</b>	<b>91</b>	<b>152</b>	<b>756</b>	<b>91</b>	<b>150</b>
3705700109	PPG Industries Fiber Glass Products, Inc.	G-123	20200401	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-131	30501215	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-21	10200602	5	0	0	5	0	0	4	0	0	4	0	0	4	0	0
		G-22	10200602	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-23	10200602	5	0	0	5	0	0	4	0	0	4	0	0	4	0	0
		G-34	30501212	43	0	32	43	0	34	42	0	35	42	0	37	41	0	40
		G-38	30501212	55	0	57	54	0	60	54	0	63	53	0	66	52	0	71
		G-48	20100102	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-49	20100102	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-51	20100102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-52	10300603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-53	30501215	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-57	30501215	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
		G-67	20201001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-71	10200503	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR2	10200503	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR5	10201002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Table 5.2. Davidson County Point Sources –Annual Emission (tons/year) – Continued**

Facility ID	Facility Name	Unit ID	SCC Code	2008			2011			2014			2017			2021		
				NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2
<b>3705700109 Total</b>				113	1	89	112	1	93	110	1	98	109	1	103	107	2	110
3705700128	Southern Veneer Company, Inc.	G-1	10200906	1	3	0	1	3	0	1	3	0	1	3	0	1	3	0
<b>3705700128 Total</b>				1	3	0	1	3	0	1	3	0	1	3	0	1	3	0
3705700133	Superior Wood Products, Inc.	G-1	10200906	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-13	30703099	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0
		G-15	40201901	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>3705700133 Total</b>				0	2	0	0	2	0	0	2	0	0	2	0	0	2	0
3705700149	Thomasville Furniture Industries, Inc. - Plant C/M/W/SB	G-27	10200906	2	0	5	2	0	5	2	0	5	2	0	5	2	0	5
		G-28	10200906	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-97	10200602	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-98	10200602	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-99	10200602	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>3705700149 Total</b>				2	0	5	2	0	5	2	0	5	2	0	5	2	0	5
3705700150	801 Realty Investments	G-27	10200906	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-29	10200906	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1
<b>3705700150 Total</b>				2	1	1	2	1	1	2	1	1	2	1	1	2	1	1
3705700168	Commercial Carving Company Finishing Plant	GR1	10200501	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2
<b>3705700168 Total</b>				0	0	2	0	0	2	0	0	2	0	0	2	0	0	2
3705700179	Lexington Furniture Inc., Plant 5	G-134	30703099	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-138	40201901	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
		G-5	10200906	2	1	0	2	1	0	2	1	0	2	1	0	2	1	0
		G-86	10200905	2	1	0	2	1	0	2	1	0	2	1	0	2	1	0
		G-87	10200905	12	8	1	12	8	1	12	8	1	12	8	1	12	8	1
		G-88	10200404	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1
<b>3705700179 Total</b>				16	12	1	16	12	1	16	12	1	16	12	1	16	12	1
3705700222	Cunningham Brick Company Inc	G-19	30500301	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-22	30500311	11	36	27	9	36	27	8	35	27	6	35	27	5	34	27
		G-31	30500350	0	5	0	0	5	0	0	4	0	0	4	0	0	4	0

**Table 5.2. Davidson County Point Sources –Annual Emission (tons/year) – Continued**

Facility ID	Facility Name	Unit ID	SCC Code	2008			2011			2014			2017			2021		
				PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx
3705700222	Cunningham Brick Company Inc	G-33	30500305	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-39	30500302	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-40	30500306	4	1	0	3	1	0	3	1	0	2	1	0	2	1	0
<b>3705700222 Total</b>				<b>14</b>	<b>42</b>	<b>28</b>	<b>12</b>	<b>42</b>	<b>28</b>	<b>10</b>	<b>41</b>	<b>28</b>	<b>8</b>	<b>40</b>	<b>28</b>	<b>7</b>	<b>40</b>	<b>28</b>
3705700257	Kimberly Clark Corporation	G-1	33000199	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0
		G-11	39000699	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-12	39000603	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0
		G-13	33000199	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0
		G-16	39000699	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0
		G-17	39000699	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-18	39000699	1	0	0	1	0	0	1	0	0	1	0	0	2	0	0
		G-19	39000699	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
		G-20	39000699	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
		G-21	10200602	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-3	39000699	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-4	39000699	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-5	33000199	1	1	0	2	1	0	2	1	0	2	1	0	3	1	0
		G-7	39000699	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-8	39000699	1	0	0	1	0	0	1	0	0	1	0	0	2	0	0
		G-9	33000199	1	1	0	1	1	0	1	1	0	2	1	0	2	1	0
<b>3705700257 Total</b>				<b>9</b>	<b>7</b>	<b>0</b>	<b>11</b>	<b>7</b>	<b>0</b>	<b>13</b>	<b>7</b>	<b>0</b>	<b>15</b>	<b>7</b>	<b>0</b>	<b>18</b>	<b>7</b>	<b>0</b>
3705700258	JELD-WEN, Inc. d/b/a JELD-WEN	G-20	39000699	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
<b>3705700258 Total</b>				<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
3705700265	CEMEX Construction Materials, Atlantic, LLC	G-2	30501107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-3	30501120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-4	30501108	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
		GR1	30501108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>3705700265 Total</b>				<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>

**Table 5.2. Davidson County Point Sources –Annual Emission (tons/year) – Continued**

Facility ID	Facility Name	Unit ID	SCC Code	2008			2011			2014			2017			2021			
				NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	
3705700268	Kurz Transfer Products, LP	G-24	10300501	1	0	1	1	1	0	1	1	0	1	1	0	1	1	0	1
3705700268 Total				1	0	1	1	1	0	1	1	0	1	1	0	1	1	0	1
3705700300	Transcontinental Gas Pipeline Corp	G-20	20200202	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	0
		G-27	20200202	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-28	20200202	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	0
		G-29	20200202	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0
		G-30	20200202	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	0
		G-31	20200202	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	0
		G-32	20200202	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	0
		G-33	20200202	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	G-34	10300603	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	
3705700300 Total				11	0	0	11	0	0	11	0	0	11	0	0	11	0	0	0
Grand Total				841	179	286	865	178	289	892	177	292	920	176	295	961	175	299	



**Table 5.3. Guilford County Point Sources –Annual Emission (tons/year)**

Facility ID	Facility Name	Unit ID	SCC	2008			2011			2014			2017			2021		
				NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2
3708100024	Concept Plastics, Inc.	G-5	30703099	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR15	40200101	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
		GR22	20300201	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>3708100024 Total</b>				<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
3708100099	Qualicaps, Inc.	GR2	10200602	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR4	10200602	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
<b>3708100099 Total</b>				<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>
3708100143	Engineered Polymer Solutions Inc d.b.a. Valspar Coatings	G-51	10200602	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
<b>3708100143 Total</b>				<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
3708100198	Lorillard Tobacco Company	G-10	30203399	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-17	10200401	0	1	25	0	1	25	0	1	25	0	1	25	0	1	25
			10200602	6	1	25	6	1	25	6	1	25	6	1	25	6	1	25
		G-18	10200401	0	1	25	0	1	25	0	1	25	0	1	25	0	1	25
			10200602	6	1	25	6	1	25	6	1	25	6	1	25	6	1	25
		G-19	30203399	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
		G-21	30203399	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0
		G-22	30203399	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
		G-23	10200401	0	2	50	0	2	50	0	2	50	0	2	50	0	2	50
			10200602	12	2	50	12	2	50	12	2	50	13	2	50	13	2	50
		G-24	30203399	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-25	20200401	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-26	20100202	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-34	30203399	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-40	39999994	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-9	30203399	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
<b>3708100198 Total</b>				<b>26</b>	<b>14</b>	<b>201</b>	<b>26</b>	<b>14</b>	<b>201</b>	<b>26</b>	<b>14</b>	<b>201</b>	<b>26</b>	<b>14</b>	<b>201</b>	<b>27</b>	<b>14</b>	<b>201</b>
3708100206	Hanson Brick East, LLC - Pleasant Garden Plant #1	G-30	30500311	15	1	24	16	1	25	18	1	25	19	1	26	21	0	27

**Table 5.3. Guilford County Point Sources –Annual Emission (tons/year) – Continued**

Facility ID	Facility Name	Unit ID	SCC	2008			2011			2014			2017			2021		
				NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2
<b>3708100206 Total</b>	Associated Asphalt Greensboro, LLC			15	1	24	16	1	25	18	1	25	19	1	26	21	0	27
3708100234		G-16	10200602	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-22	10200603	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-8	10200603	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
<b>3708100234 Total</b>				3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
3708100272	Colonial Pipeline Company	G-1	31299999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-37	31299999	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
<b>3708100272 Total</b>				3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
3708100404	The Sherwin - Williams Co, Consumer Group	G-184	10200603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-393	30101401	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
<b>3708100404 Total</b>				0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
3708100421	Engineered Polymer Solutions, Inc. dba Valspar Coatings	G-413	40188898	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			49099998	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-478	10200602	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR4	40202101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>3708100421 Total</b>				0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
3708100422	Piedmont Chemical Industries I, LLC	GR1	10300602	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
		GR2	31299999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR23	10300602	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR4	30199999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>3708100422 Total</b>				2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
3708100433	Gilbarco, Inc.	GR1	20300101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR12	39000699	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR13	39000605	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR16	39000699	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				0	2	0	0	0	2	0	0	2	0	0	2	0	0	2

**Table 5.3. Guilford County Point Sources –Annual Emission (tons/year) – Continued**

Facility ID	Facility Name	Unit ID	SCC	2008			2011			2014			2017			2021		
				NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2
<b>3708100433 Total</b>				0	2	0	0	0	2	0	0	2	0	0	2	0	0	2
3708100593	Redbud, LLC	G-1	10300903	12	8	1	12	8	1	12	8	1	12	8	1	12	8	1
<b>3708100593 Total</b>				12	8	1	12	8	1	12	8	1	12	8	1	12	8	1
3708100712	Innospec Performance Chemicals U.S. Co.	G-27	10200602	1	0	0	1	0	0	1	0	0	1	0	0	2	0	0
		G-28	10200603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-29	10200603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-30	10200603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>3708100712 Total</b>				1	0	0	1	0	0	2	0	0	2	0	0	3	0	0
3708100772	Carpenter Co.	G-6	10200603	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-7	10200603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>3708100772 Total</b>				0	0	0	1	0	0	1	0	0	1	0	0	1	0	0
3708100804	Mickey Truck Bodies Inc	G-27	39000699	6	0	0	6	0	0	6	0	0	6	0	0	6	0	0
<b>3708100804 Total</b>				6	0	0	6	0	0	6	0	0	6	0	0	6	0	0
3708100810	Thomas Built Buses - Fairfield Road	G-1	40201001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-19	40200101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-6	10200602	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-7	10300603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR1	30905000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR2	40200101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR4	10500106	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
<b>3708100810 Total</b>				3	1	0	3	1	0	3	1	0	3	1	0	3	1	0
3708100822	Thomas Built Buses - Courtesy Road	G-12	39999994	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
		G-20	30700710	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-22	40299997	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-29	40200101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR1	10200602	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		GR2	10200602	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
<b>3708100822 Total</b>				3	2	0	3	2	1	2	1	0	3	2	1	3	1	0

**Table 5.3. Guilford County Point Sources –Annual Emission (tons/year) – Continued**

Facility ID	Facility Name	Unit ID	SCC	2008			2011			2014			2017			2021		
				NOx	PM2.5- PRI	SO2	NOx	PM2.5- PRI	SO2	NOx	PM2.5- PRI	SO2	NOx	PM2.5- PRI	SO2	NOx	PM2.5- PRI	SO2
3708100835	Zink Imaging Incorporated	G-196	10200501	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			10200602	4	0	4	3	0	4	2	0	4	2	0	4	1	0	4
		GR1	20200255	3	0	0	2	0	0	2	0	0	1	0	0	1	0	0
<b>3708100835 Total</b>				<b>6</b>	<b>0</b>	<b>4</b>	<b>5</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>4</b>
3708100854	Marsh Furniture Company	G-132	40201901	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-136	30702098	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
		G-138	39000699	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-4	10200903	25	9	1	25	9	1	25	9	1	25	9	1	25	9	1
<b>3708100854 Total</b>				<b>25</b>	<b>11</b>	<b>1</b>	<b>25</b>	<b>11</b>	<b>1</b>	<b>25</b>	<b>11</b>	<b>1</b>	<b>25</b>	<b>11</b>	<b>1</b>	<b>25</b>	<b>11</b>	<b>1</b>
3708100863	Cone Denim LLC - White Oak Plant	G-100	33000199	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-11	33000101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-14	33000101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-15	33000101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-16	33000101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-17	33000101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-19	33000199	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-24	40206035	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-25	33000105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-26	10200401	0	2	0	0	2	0	0	0	2	0	0	2	0	0	2
			10200601	30	2	27	30	2	27	30	2	27	30	2	27	30	2	27
		G-28	10200401	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0
			10200601	13	3	78	13	3	78	13	3	78	13	3	78	13	3	78
		G-3	20200102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-43	33000499	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-44	30700804	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-61	10200401	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
			10200602	11	1	21	11	1	21	11	1	21	11	1	21	11	1	21
		G-7	20200102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-89	40204430	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0

**Table 5.3. Guilford County Point Sources –Annual Emission (tons/year) – Continued**

Facility ID	Facility Name	Unit ID	SCC	2008			2011			2014			2017			2021		
				NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2	NOx	PM25- PRI	SO2
<b>3708100863 Total</b>				55	13	125	55	13	125	55	13	125	55	13	125	55	13	125
3708100866	Pactiv Corporation	G-2	10200603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-36	39999994	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3708100866	Pactiv Corporation	G-44	39999994	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR38	39999994	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR52	39999994	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		GR56	39999994	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>3708100866 Total</b>				0	1	0	0	1	0	1	0	1	0	1	0	1	0	1
3708100868	The Sherwin - Williams Company - Stagecoach Trail	G-135	49099998	0	1	0	0	1	0	1	0	1	0	1	0	1	0	1
<b>3708100868 Total</b>				0	1	0	0	1	0	1	0	1	0	1	0	1	0	1
3708100939	Unitex Chemical Corporation	G-94	10200602	3	0	0	3	0	0	3	0	0	3	0	0	4	0	0
<b>3708100939 Total</b>				3	0	0	3	0	0	3	0	0	3	0	0	4	0	0
3708100956	Vertellus Performance Materials, Inc.	G-5	10201302	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-8	10200602	2	0	13	2	0	13	2	0	14	2	0	14	2	0	14
			10201302	3	0	13	3	0	13	3	0	14	3	0	14	3	0	14
		GR4	10200602	13	0	64	13	0	65	13	0	67	13	0	68	13	0	70
<b>3708100956 Total</b>				18	0	90	18	0	92	18	0	94	18	0	96	18	0	98
3708100996	Flowers Baking Company of Jamestown, LLC	G-1	10200603	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-2	10200603	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-3	30290003	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-4	30203202	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-5	30203202	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		G-8	30290003	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
		G-9	30203204	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>3708100996 Total</b>				3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
3708101022	RF Micro Devices, Inc. - FAB 1, FAB 3 and Packaging	G-47	10200602	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
		G-48	20100102	12	0	0	13	0	0	13	0	0	13	0	0	13	0	0
		G-49	10200603	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0

**Table 5.3. Guilford County Point Sources –Annual Emission (tons/year) – Continued**

Facility ID	Facility Name	Unit ID	SCC	2008			2011			2014			2017			2021		
				NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2	NOx	PM25-PRI	SO2
3708101022 Total				15	0	1	16	0	1	16	0	0	16	0	0	17	0	0
3708101086	City of Greensboro - White Street Landfill	G-10	39999992	19	0	1	19	0	1	19	0	1	19	0	1	19	0	1
		GR7	50100411	4	2	1	4	2	1	4	2	1	4	2	1	4	2	1
3708101086 Total				23	2	1	23	2	1	23	2	1	23	2	1	23	2	1
3708101098	High Point Fibers, Inc.	G-1	33000306	0	4	0	0	4	0	0	4	0	0	4	0	0	4	0
		G-2	39000699	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3708101098 Total				0	4	0	0	4	0	0	4	0	0	4	0	0	4	0
3708101156	Shamrock Corporation - Chimney Rock Printing	G-1	40500512	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
		G-2	40500512	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
		G-3	40500512	0	0	0	1	0	0	1	0	0	1	0	0	2	0	0
3708101156 Total				1	0	0	1	0	0	2	0	0	2	0	0	3	0	0
Grand Total				231	62	449	231	62	451	232	62	453	233	63	455	237	63	458