

## **Appendix C.1**

### **Point Source Inventory**



## TABLE OF CONTENTS

<b>LIST OF TABLES .....</b>	<b>ii</b>
<b>1.0 INTRODUCTION AND SCOPE.....</b>	<b>1-1</b>
<b>2.0 OVERALL METHODOLOGY.....</b>	<b>2-1</b>
2.1 SOURCE IDENTIFICATION.....	2-1
2.2 EMISSION ESTIMATION APPROACH.....	2-1
2.3 EMISSION PROJECTION.....	2-1
2.4 FUTURE EMISSION REDUCTIONS.....	2-2
<b>3.0 QUALITY ASSURANCE .....</b>	<b>3-1</b>
<b>4.0 TOTAL POINT SOURCES EMISSIONS.....</b>	<b>4-1</b>
4.1 TRIANGLE NONATTAINMENT AREA SUMMARY .....	4-1
4.2 SUMMARY OF EMISSIONS FOR 2005.....	4-2
4.3 SUMMARY OF EMISSIONS FOR 2008.....	4-8
4.4 SUMMARY OF EMISSIONS FOR 2011 .....	4-13
4.5 SUMMARY OF EMISSIONS FOR 2014.....	4-19
4.6 SUMMARY OF EMISSIONS FOR 2017 .....	4-25
<b>5.0 DISCUSSION OF POINT SOURCE CATEGORIES.....</b>	<b>5-1</b>
5.1 EXTERNAL COMBUSTION BOILERS .....	5-1
5.2 INTERNAL COMBUSTION ENGINES .....	5-12
5.3 INDUSTRIAL PROCESSES.....	5-19
5.4 PETROLEUM AND SOLVENT EVAPORATION .....	5-32
5.5 WASTE DISPOSAL.....	5-41

## LIST OF TABLES

Table 4.1-1 Triangle Total NOx Emissions in Tons per Day .....	4-1
Table 4.1-2 Triangle Total VOC Emissions in Tons per Day .....	4-1
Table 4.2-1 Summary Of 2005 Emissions For Chatham County .....	4-2
Table 4.2-2 Summary Of 2005 Emissions For Durham County .....	4-2
Table 4.2-3 Summary Of 2005 Emissions For Franklin County .....	4-3
Table 4.2-4 Summary Of 2005 Emissions For Granville County .....	4-4
Table 4.2-5 Summary Of 2005 Emissions For Johnston County .....	4-4
Table 4.2-6 Summary Of 2005 Emissions For Orange County .....	4-5
Table 4.2-7 Summary Of 2005 Emissions For Person County .....	4-6
Table 4.2-8 Summary Of 2005 Emissions For Wake County .....	4-6
Table 4.3-1 Summary Of 2008 Emissions For Chatham County .....	4-8
Table 4.3-2 Summary Of 2008 Emissions For Durham County .....	4-8
Table 4.3-3 Summary Of 2008 Emissions For Franklin County .....	4-9
Table 4.3-4 Summary Of 2008 Emissions For Granville County .....	4-9
Table 4.3-5 Summary Of 2008 Emissions For Johnston County .....	4-10
Table 4.3-6 Summary Of 2008 Emissions For Orange County .....	4-11
Table 4.3-7 Summary Of 2008 Emissions For Person County .....	4-11
Table 4.3-8 Summary Of 2008 Emissions For Wake County .....	4-12
Table 4.4-1 Summary Of 2011 Emissions For Chatham County .....	4-13
Table 4.4-2 Summary Of 2011 Emissions For Durham County .....	4-14
Table 4.4-3 Summary Of 2011 Emissions For Franklin County .....	4-15
Table 4.4-4 Summary Of 2011 Emissions For Granville County .....	4-15
Table 4.4-5 Summary Of 2011 Emissions For Johnston County .....	4-16
Table 4.4-6 Summary Of 2011 Emissions For Orange County .....	4-17
Table 4.4-7 Summary Of 2011 Emissions For Person County .....	4-17
Table 4.4-8 Summary Of 2011 Emissions For Wake County .....	4-17
Table 4.5-1 Summary Of 2014 Emissions For Chatham County .....	4-19
Table 4.5-2 Summary Of 2014 Emissions For Durham County .....	4-19
Table 4.5-3 Summary Of 2014 Emissions For Franklin County .....	4-20
Table 4.5-4 Summary Of 2014 Emissions For Granville County .....	4-21

Table 4.5-5 Summary Of 2014 Emissions For Johnston County .....	4-21
Table 4.5-6 Summary Of 2014 Emissions For Orange County .....	4-22
Table 4.5-7 Summary Of 2014 Emissions For Person County.....	4-23
Table 4.5-8 Summary Of 2014 Emissions For Wake County .....	4-23
Table 4.6-1 Summary Of 2017 Emissions For Chatham County .....	4-25
Table 4.6-2 Summary Of 2017 Emissions For Durham County .....	4-25
Table 4.6-3 Summary Of 2017 Emissions For Franklin County .....	4-26
Table 4.6-4 Summary Of 2017 Emissions For Granville County .....	4-26
Table 4.6-5 Summary Of 2017 Emissions For Johnston County .....	4-27
Table 4.6-6 Summary Of 2017 Emissions For Orange County.....	4-28
Table 4.6-7 Summary Of 2017 Emissions For Person County.....	4-28
Table 4.6-8 Summary Of 2017 Emissions For Wake County .....	4-29
Table 5.1-1 Summary Of SCC 1-01-xxx-xx Emissions .....	5-2
Table 5.1-2 Summary Of SCC 1-02-xxx-xx Emissions .....	5-2
Table 5.1-3 Summary Of SCC 1-03-xxx-xx Emissions .....	5-8
Table 5.2-1 Summary Of SCC 2-01-xxx-xx Emissions .....	5-12
Table 5.2-2 Summary Of SCC 2-02-xxx-xx Emissions .....	5-16
Table 5.2-3 Summary Of SCC 2-03-xxx-xx Emissions .....	5-18
Table 5.3-1 Summary Of SCC 3-01-xxx-xx Emissions .....	5-20
Table 5.3-2 Summary Of SCC 3-02-xxx-xx Emissions .....	5-21
Table 5.3-3 Summary Of SCC 3-04-xxx-xx Emissions .....	5-22
Table 5.3-4 Summary Of SCC 3-05xxx-xx Emissions.....	5-22
Table 5.3-5 Summary Of SCC 3-07xxx-xx Emissions.....	5-25
Table 5.3-6 Summary Of SCC 3-08xxx-xx Emissions.....	5-26
Table 5.3-7 Summary Of SCC 3-09-xxx-xx Emissions .....	5-27
Table 5.3-8 Summary Of SCC 3-12-xxx-xx Emissions .....	5-27
Table 5.3-9 Summary Of SCC 3-13-xxx-xx Emissions .....	5-28
Table 5.3-10 Summary Of SCC 3-14-xxx-xx Emissions .....	5-28
Table 5.3-11 Summary Of SCC 3-30-xxx-xx Emissions .....	5-28
Table 5.3-12 Summary Of SCC 3-90-xxx-xx Emissions .....	5-29
Table 5.3-13 Summary Of SCC 3-99-xxx-xx Emissions .....	5-30

Table 5.4-1 Summary Of SCC 4-01-xxx-xx Emissions .....	5-33
Table 5.4-2 Summary Of SCC 4-02-xxx-xx Emissions .....	5-33
Table 5.4-3 Summary Of SCC 4-03-xxx-xx Emissions .....	5-36
Table 5.4-4 Summary Of SCC 4-04-xxx-xx Emissions .....	5-36
Table 5.4-5 Summary Of SCC 4-05-xxx-xx Emissions .....	5-38
Table 5.4-6 Summary Of SCC 4-07-xxx-xx Emissions .....	5-39
Table 5.4-7 Summary Of SCC 4-08-xxx-xx Emissions .....	5-40
Table 5.4-8 Summary Of SCC 4-90-xxx-xx Emissions .....	5-41
Table 5.5-1 Summary Of SCC 5-01-xxx-xx Emissions .....	5-42
Table 5.5-2 Summary Of SCC 5-02-xxx-xx Emissions .....	5-42
Table 5.5-3 Summary Of SCC 5-03-xxx-xx Emissions .....	5-42

## **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>) and volatile organic compounds (VOC) are reported here since they are important for ozone formation. The emissions in this report were projected to the years 2005 (the base year), 2008, 2011, 2014, and 2017.

The point source inventories detailed in this document are for the Raleigh-Durham-Chapel Hill 8-hour ozone nonattainment area, referred to as the Triangle nonattainment area. The Triangle nonattainment area counties include Durham, Franklin, Granville, Johnston, Orange, Person, and Wake Counties and Baldwin, Center, New Hope and Williams Townships in Chatham County. All emissions are calculated on a ton per summer day basis.

## **2.0 OVERALL METHODOLOGY**

All large permitted sources are required to report emissions annually and every five years in the case of smaller sources to the NCDAQ. Additionally, the U.S. Environmental Protection Agency (USEPA) requires the NCDAQ to submit annually this data for large stationary point sources to them. The latest year available for the point source inventory submitted to the USEPA is 2004. For the smaller sources that report emissions every five years, the most recent emissions inventory available was used. These data were then projected to 2005, a year that falls within the attaining design value period of 2004-2006, and then to future years 2008, 2011, 2014, 2017. The emissions data upon which this document is based were from files maintained by the NCDAQ.

### **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 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 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 the summer quarter.

### **2.3 EMISSION PROJECTION**

The most recently submitted emissions data was used as the baseline for the projected emissions in this report. Where available, the 2004 data was used (i.e., from major sources that are required to report emissions annually). The emissions inventory was projected to future years by utilizing EPA's Economic Growth Analysis System (E-GAS) version 5 software. There are two



major data sources that are used as growth indicators in EGAS 5.0: the Department of Energy (DOE)'s *Annual Energy Outlook* and version 5.5 of Regional Economic Models, Inc. (REMI)'s state-level economic models (DOE, 2004; Houyoux, 2004). In general, DOE data are expected to be used as growth indicators for fuel combustion/production categories, while REMI data will be used for all other source categories.

## **2.4 FUTURE EMISSION REDUCTIONS**

Emissions of NO<sub>x</sub> will be reduced in the Triangle area due to the North Carolina Nitrogen Oxide Rule (15A NCAC 02D .1417), which includes fossil fuel-fired stationary boilers, combustion turbines, or combined cycle systems serving a generator with a nameplate capacity greater than 25 megawatts electrical and selling any amount of electricity or having a maximum design heat input greater than 250 million British thermal units per hour. The affected sources within the Triangle nonattainment area includes Progress Energy – Mayo Facility, Person County; Progress Energy – Roxboro Plant, Person County; and University of North Carolina at Chapel Hill – Orange County. Emissions from these facilities were set at their regulatory limits for the future years. Sources in this category will also comply with the requirements of this rule using the nitrogen oxide budget trading program (15A NCAC 02D .1419). If these sources so choose to participate in trading, future emissions could differ from those in this report.

Additionally, the North Carolina Clean Smokestacks Act requires coal-fired power plants achieve a 77-percent cut in NO<sub>x</sub> emissions by 2009. Affected sources include Progress Energy – Mayo Facility, Person County; and Progress Energy – Roxboro Plant, Person County. The Triangle area will also benefit from NO<sub>x</sub> reductions required at large electrical generation facilities nearby but not in the nonattainment area.

The Maximum Achievable Control Technology (MACT) regulations are intended to reduce emissions of hazardous air pollutants (HAPs), some of which are VOCs. In some cases, reduction of HAPs that are VOCs is accomplished by switching to VOCs that are not HAPs, resulting in no reductions of VOC emissions. In other cases, compliance with a MACT regulation can be expected to reduce VOC emissions. It is likely there will be some additional VOC emission reductions due to new MACT rules in the Triangle nonattainment area, although the MACT regulations do not always make a clear statement of how much VOC emission reductions will result from the HAPs emission reductions. Sometimes it is not possible to say until a particular affected source considers possible control options. Therefore, no emission reductions, as a result of MACT regulations, will be taken in this plan.

### **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 math 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

In the following sections the emissions for the Triangle nonattainment area are totaled, as well as, the estimated facility emissions for each county in the nonattainment area are identified for the base year (2005) and the future maintenance years (2008, 2011, 2014 and 2017). For Chatham County only the emissions for the sources actually located within the nonattainment area are presented.

For the two large utility facilities located in Person County, Roxboro and Mayo, the average daily emissions were estimated by using the USEPA's acid rain database emissions for the 2005 second and third quarter NOx emissions data.

### 4.1 TRIANGLE NONATTAINMENT AREA SUMMARY

**Table 4.1-1 Triangle Total NOx Emissions in Tons per Day**

County	2005	2008	2011	2014	2017
Chatham	0.02	0.02	0.02	0.03	0.03
Durham	1.86	2.05	2.17	2.34	2.49
Franklin	0.16	0.18	0.18	0.20	0.23
Granville	0.28	0.32	0.33	0.34	0.37
Johnston	0.62	0.67	0.71	0.81	0.89
Orange	1.55	1.63	1.64	1.65	1.65
Person	32.43	27.12	27.79	28.26	27.41
Wake	1.45	1.56	1.66	1.80	1.97
<b>TOTAL</b>	<b>87.17</b>	<b>33.55</b>	<b>34.50</b>	<b>35.43</b>	<b>35.04</b>

**Table 4.1-2 Triangle Total VOC Emissions in Tons per Day**

County	2005	2008	2011	2014	2017
Chatham	0.00	0.00	0.00	0.00	0.00
Durham	1.18	1.29	1.47	1.53	1.65
Franklin	1.59	1.74	1.86	2.02	2.20
Granville	1.93	2.15	2.35	2.55	2.78
Johnston	2.36	2.58	2.84	3.10	3.37
Orange	0.28	0.31	0.35	0.38	0.42
Person	0.95	1.03	1.08	1.18	1.25
Wake	3.99	4.14	4.50	4.85	5.27
<b>TOTAL</b>	<b>12.28</b>	<b>13.24</b>	<b>14.45</b>	<b>15.61</b>	<b>16.94</b>

## 4.2 SUMMARY OF EMISSIONS FOR 2005

**Table 4.2-1 Summary Of 2005 Emissions For Chatham County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
S T WOOTEN – PITTSBORO ASPHALT PLANT	2951	0.00	0.02
<b>Total County Emissions</b>		<b>0.00</b>	<b>0.02</b>

**Table 4.2-2 Summary Of 2005 Emissions For Durham County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
BECTON DICKINSON LABWARE	3069	0.02	0.00
BRENNTAG SOUTHEAST, INC.	5169	0.02	0.00
BROWN WATER TREATMENT PLANT	4952	0.00	0.01
CAROLINA SUNROCK CORPORATION	2951	0.02	0.04
CIIT CENTERS FOR HEALTH RESEARCH	8733	0.00	0.03
CITY OF DURHAM SANITARY LANDFILL	4953	0.01	0.08
DUKE UNIVERSITY	8221	0.01	0.81
DURHAM REGIONAL HOSPITAL	8062	0.00	0.01
EISAI, INC.	2834	0.49	0.01
FEDERAL MEDICAL CENTER	8069	0.00	0.01
FREUDENBERG NONWOVENS	2297	0.01	0.01
GILEAD SCIENCES, INC.	8731	0.00	0.01
GLAXO SMITH KLINE	2833	0.03	0.09
IBM CORPORATION	3571	0.01	0.08
ICORIA, INC.	8731	0.00	0.01
LIGGETT GROUP, INC.	2754	0.20	0.01
LITESPEC OPTICAL FIBER LLC	3357	0.02	0.00
LITHO INDUSTRIES	2672	0.07	0.00
NIEHS	9199	0.01	0.09
NORTEL NETWORKS INC. RTP	3661	0.00	0.03
NORTH CAROLINA CENTRAL UNIVERSITY	8221	0.00	0.03
NORTH DURHAM WATER RECLAMATION FACILITY	9511	0.00	0.03
PBM GRAPHICS INCORPORATED	2752	0.16	0.00
RALDEN LIMITED PARTNERSHIP	8733	0.00	0.02
RESEARCH TRIANGLE INSTITUTE	8731	0.0	0.01
SOUTH DURHAM WATER RECLAMATION FACILITY	9511	0.01	0.32
SCM METAL PRODUCTS, INC.	3499	0.00	0.01

**Table 4.2-2 Summary Of 2005 Emissions For Durham County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
SPHINX PHARMACEUTICALS	8731	0.00	0.01
TECSTAR ELECTRO SYSTEMS DIVISION	3621	0.01	0.00
VALASSIS COMMUNICATIONS	2754	0.08	0.04
VETERANS ADMINISTRATION HOSPITAL	8062	0.00	0.03
WECK CLOSURE SYSTEMS, INC.	3841	0.00	0.02
WILLIAMS WATER TREATMENT PLANT	4952	0.00	0.01
<b>Total County Emissions</b>		<b>1.18</b>	<b>1.86</b>

**Table 4.2-3 Summary Of 2005 Emissions For Franklin County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
CAROLINA TELEPHONE & TELEGRAPH DBA SPRINT	4813	0.00	0.02
FRANKLIN VENEERS, INC.	2435	0.01	0.01
HARBORLITE CORPORATION	3295	0.00	0.01
HB MELLOTT ESTATE INC. FRANKLIN PLANT	1423	0.00	0.02
LOUISBURG COLLEGE	8221	0.00	0.02
NC DOC – FRANKLIN SIGN PLANT	3499	0.04	0.00
NOMACO, INC.	3086	0.75	0.00
NOVOZYMES OF NORTH AMERICA, INC.	2869	0.00	0.04
SOUTHERN LITHOPLATE, INC.	2796	0.37	0.00
ST WOOTEN CORPORATION – US HWY 1	2951	0.00	0.03
THE HON COMPANY	2521	0.33	0.00
TONEY LUMBER COMPANY, INC	2421	0.09	0.01
<b>Total County Emissions</b>		<b>1.59</b>	<b>0.16</b>

**Table 4.2-4 Summary Of 2005 Emissions For Granville County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
ALTEC INDUSTRIES	3713	0.09	0.00
ATHOL CORPORATION	2295	0.38	0.01
ATLANTIC INDUSTRIAL FINISHING, INC.	3444	0.01	0.00
BANDAG INCORPORATED	3011	0.41	0.01
CERTAIN TEED CORPORATION	2952	0.22	0.07
FEDERAL BUREAU OF PRISONS – FED CORR COM	9223	0.00	0.01
GEORGIA – PACIFIC CORPORATION CHIP-N-SAW PL	2421	0.38	0.03
HANES DYE AND FINISHING CO.	2269	0.03	0.02
IDEAL FASTENER CORPORATION	3964	0.01	0.00
JOHN UMSTEAD HOSPITAL	8052	0.00	0.07
LENOX CHINA, INC.	3269	0.00	0.01
MURDOCH CENTER	8052	0.00	0.01
NEWTON INSTRUMENT COMPANY INC.	3661	0.17	0.01
REA CONTRACTING, LLC/086 BUTNER	2951	0.00	0.02
REVLON CONSUMER PRODUCTS, INC.	2844	0.01	0.00
TUSCARORA, INC.	3086	0.22	0.01
<b>Total County Emissions</b>		<b>1.93</b>	<b>0.28</b>

**Table 4.2-5 Summary Of 2005 Emissions For Johnston County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
AMERADA HESS CORPORATION	5171	0.01	0.00
ANDREW CORPORATION NORTH CAROLINA	3679	0.28	0.01
APAC – ATLANTIC INC – COASTAL CAROLINA DIV.	2951	0.01	0.02
ATLANTIC COAST PROTEIN CORPORATION	2824	0.00	0.01
B P PRODUCTS NORTH AMERICA, SELMA TERM.	5171	0.07	0.00
CATERPILLAR	3531	0.09	0.00
CHARLES CABINETS, INC.	5712	0.06	0.00
CHARTER-TRIAD TERMINAL COMPANY	5171	0.16	0.00
CITGO PETROLEUM CORPORATION	5171	0.21	0.02
COLONIAL PIPELINE COMPANY	4613	0.01	0.00
CONESTOGA WOOD SPECIALTIES CORPORATION	2434	0.19	0.00
CROWN CENTRAL PETROLEUM	5171	0.04	0.00
EXXON COMPANY USA SELMA TERMINAL	5171	0.20	0.00

**Table 4.2-5 Summary Of 2005 Emissions For Johnston County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
JERRY G WILLIAMS AND SONS, INC	2426	0.09	0.03
JOHNSTON COUNTY MSW LANDFILL	4953	0.02	0.00
KEENER LUMBER COMPANY, INC.	2421	0.15	0.05
KINDER MORGAN SOUTHEAST TERMINALS	5171	0.05	0.09
K R EDWARDS LEAF TOBACCO CO.	2141	0.02	0.02
LAMPE AND MALPHRUS LUMBER COMPANY	2421	0.14	0.05
MAY-CRAFT FIBERGLASS PRODUCTS, INC.	3732	0.03	0.00
MEBANE PACKAGING CORPORATION	2752	0.05	0.00
NOVO NORDISK PHARMACEUTICAL	2834	0.02	0.01
PGI NONWOVENS DBA CHICOPEE, INC.	2297	0.04	0.12
RECYCLING INDUSTRIES OF GREENSBORO	5093	0.00	0.09
STRUCTURAL COATINGS, INC.	3479	0.05	0.00
S. T. WOOTEN CORP DRUG STORE ASPHALT PL #7	2951	0.01	0.02
S. T. WOOTEN CORPORATION – MSP	2951	0.01	0.01
TALECRIS BIOTHEREAUPEUTICS, INC	2836	0.10	0.06
TRANSMONTAIGNE PRODUCT SERVICES, INC.	5171	0.11	0.00
VALERO MARKETING AND SUPPLY COMPANY	5171	0.06	0.00
WILLIAMS ENERGY VENTURES, INC.	5171	0.08	0.01
<b>Total County Emissions</b>		<b>2.36</b>	<b>0.62</b>

**Table 4.2-6 Summary Of 2005 Emissions For Orange County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
AKG OF AMERICA INC.	3499	0.06	0.00
ARMACELL LLC	3086	0.13	0.02
GENERAL ELECTRIC COMPANY	3622	0.01	0.01
MEADWESTVACO CONSUMER PACKAGING GROUP	2653	0.07	0.00
UNIV. OF NORTH CAROLINA AT CHAPEL HILL	8221	0.01	1.51
UNIVERSITY OF NORTH CAROLINA HOSPITALS	8062	0.00	0.01
<b>Total County Emissions</b>		<b>0.28</b>	<b>1.55</b>

**Table 4.2-7 Summary Of 2005 Emissions For Person County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
ALSCO METALS CORPORATION	3444	0.04	0.07
COLLINS & AIKMAN CORPORATION	2259	0.01	0.01
COGENTRIX OF NORTH CAROLINA INC.	4911	0.01	1.44
EATON CORPORATION	3714	0.02	0.02
GEORGIA – PACIFIC ROXBORO	2439	0.12	0.09
J. G. HARDISON COMPANY, INC.	5031	0.00	0.04
LOUISIANA – PACIFIC CORP – ROXBORO	2493	0.25	0.45
PROGRESS ENERGY – MAYO FACILITY	4911	0.00	6.37
PROGRESS ENERGY – ROXBORO PLANT	4911	0.50	23.88
THE LOXCREEN COMPANY, INC	3354	0.00	0.06
<b>Total County Emissions</b>		<b>0.95</b>	<b>32.43</b>

**Table 4.2-8 Summary Of 2005 Emissions For Wake County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
AJINOMOTO AMINO SCIENCE, LLC	2833	0.00	0.07
AUSTIN QUALITY FOODS, INC.	2052	0.05	0.02
AVX CORPORATION	3629	0.10	0.00
BARNHILL CONTRACTING COMPANY	2951	0.00	0.01
BIOGEN IDEC US LIMITED PARTNERSHIP	2834	0.00	0.02
CARGILL INC – RALEIGH	2075	0.96	0.11
CAROLINA SUNROCK, LLC – RDU DISTRIBUTION	2951	0.02	0.04
CITY OF RALEIGH E M JOHNSON WATER TREATMENT PLANT	4941	0.00	0.01
CITY OF RALEIGH FALLS LAKE PUMP STATION	4952	0.00	0.06
CITY OF RALEIGH NEUSE R WWTP	4953	0.00	0.01
COOPER HAND TOOLS APEX DIVISION	3545	0.05	0.01
DIOSYNTH-RTP, INC.	2836	0.00	0.01
DIXIE PIPELINE CO.	5171	0.05	0.01
DOROTHEA DIX HOSPITAL	8063	0.02	0.06
ELSTER ELECTRICITY	3825	0.01	0.00
FOWLER CONTRACTING – WAKE FOREST PLANT	2951	0.01	0.03
GELDER & ASSOCIATES INCORPORATED	2951	0.01	0.01
GLAXOSMITHKLINE	2834	0.06	0.02
HENRY WURST INC.	2752	0.15	0.00



**Table 4.2-8 Summary Of 2005 Emissions For Wake County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
INTERNATIONAL PAPER – BEVERAGE PACKAGING	2657	0.35	0.01
MALLINCKRODT INC.	2833	0.04	0.10
MANGUM ASPHALT SERVICES	2951	0.01	0.01
MCI – CRYANC	4813	0.00	0.01
METOKOTE CORPORATION, PLANT 23	3479	0.01	0.00
MOTIVA ENTERPRISES LLC	5171	0.31	0.03
NC DOA CENTRAL HEATING PLANT	4961	0.02	0.15
NCDOA ROLLINS ANIMAL D&D LAB	7420	0.00	0.01
NC DOC – CENTRAL PRISON	9223	0.00	0.01
NCSU CENTRAL HEAT PLANT	8221	0.02	0.24
NELLO L TEER COMPANY PLANT #5	2951	0.00	0.02
NOMACO INC.	3086	1.46	0.00
NORTH WAKE COUNTY LANDFILL FACILITY	4953	0.03	0.01
PERGO	2493	0.01	0.00
POTTERS INDUSTRIES	3231	0.01	0.13
PROGRESS ENERGY – HARRIS NUCLEAR PLANT	4911	0.00	0.03
REA CONTRACTING, LLC/083 GARNER	2951	0.01	0.02
REA CONTRACTING, LLC/082 GRESHAM LAKE	2951	0.09	0.01
REA CONTRACTING, LLC/081 WEST RALEIGH	2951	0.01	0.01
REX HEALTHCARE	8062	0.00	0.02
RUSSELL CARROLL CABINET SHOP	2499	0.06	0.00
SMT, INC.	3499	0.00	0.01
THOMPSON CABINET SHOP, INC.	2434	0.01	0.00
TOWN OF CARY – CARY/APEX WATER PLANT	4941	0.00	0.01
TOWN OF CARY – NORTH CARY WATER RECLAMATION FACILITY	4952	0.00	0.02
TOWN OF CARY – SWIFT CREEK PUMP STATION	4959	0.00	0.01
TRANSFLO TERMINAL SERVICES	5171	0.00	0.02
TRIANGLE BRICK CARPENTER PLANT	3251	0.01	0.02
TYCO ELECTRONICS CORPORATION	3083	0.02	0.01
WAKEMED	8062	0.02	0.03
<b>Total County Emissions</b>		<b>3.99</b>	<b>1.45</b>

### 4.3 SUMMARY OF EMISSIONS FOR 2008

**Table 4.3-1 Summary Of 2008 Emissions For Chatham County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
S T WOOTEN – PITTSBORO ASPHALT PLANT	2951	0.00	0.02
<b>Total County Emissions</b>		<b>0.0</b>	<b>0.02</b>

**Table 4.3-2 Summary Of 2008 Emissions For Durham County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
BECTON DICKINSON LABWARE	3069	0.02	0.00
BRENNTAG SOUTHEAST, INC.	5169	0.02	0.00
BROWN WATER TREATMENT PLANT	4952	0.00	0.01
CAROLINA SUNROCK CORPORATION	2951	0.02	0.04
CIIT CENTERS FOR HEALTH RESEARCH	8733	0.00	0.03
CITY OF DURHAM SANITARY LANDFILL	4953	0.01	0.09
DUKE UNIVERSITY	8221	0.01	0.86
DURHAM REGIONAL HOSPITAL	8062	0.00	0.01
EISAI, INC.	2834	0.58	0.02
FEDERAL MEDICAL CENTER	8069	0.00	0.01
FREUDENBERG NONWOVENS	2297	0.01	0.01
GILEAD SCIENCES, INC.	8731	0.00	0.01
GLAXO SMITH KLINE	2833	0.03	0.11
IBM CORPORATION	3571	0.01	0.11
ICORIA, INC.	8731	0.00	0.01
LIGGETT GROUP, INC.	2754	0.21	0.01
LITESPEC OPTICAL FIBER LLC	3357	0.02	0.00
LITHO INDUSTRIES	2672	0.08	0.00
NIEHS	9199	0.01	0.09
NORTEL NETWORKS INC. RTP	3661	0.00	0.03
NORTH CAROLINA CENTRAL UNIVERSITY	8221	0.00	0.03
NORTH DURHAM WATER RECLAMATION FACILITY	9511	0.00	0.04
PBM GRAPHICS INCORPORATED	2752	0.16	0.00
RALDEN LIMITED PARTNERSHIP	8733	0.00	0.03
RESEARCH TRIANGLE INSTITUTE	8731	0.00	0.02
SOUTH DURHAM WATER RECLAMATION FACILITY	9511	0.01	0.34
SCM METAL PRODUCTS, INC.	3499	0.00	0.01

**Table 4.3-2 Summary Of 2008 Emissions For Durham County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
SPHINX PHARMACEUTICALS	8731	0.00	0.02
TECSTAR ELECTRO SYSTEMS DIVISION	3621	0.01	0.00
VALASSIS COMMUNICATIONS	2754	0.08	0.04
VETERANS ADMINISTRATION HOSPITAL	8062	0.00	0.03
WECK CLOSURE SYSTEMS, INC.	3841	0.00	0.03
WILLIAMS WATER TREATMENT PLANT	4952	0.00	0.01
<b>Total County Emissions</b>		<b>1.29</b>	<b>2.05</b>

**Table 4.3-3 Summary Of 2008 Emissions For Franklin County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
CAROLINA TELEPHONE & TELEGRAPH DBA SPRINT	4813	0.00	0.02
FRANKLIN VENEERS, INC.	2435	0.01	0.01
HARBORLITE CORPORATION	3295	0.00	0.01
HB MELLOTT ESTATE INC. FRANKLIN PLANT	1423	0.00	0.03
LOUISBURG COLLEGE	8221	0.00	0.02
NC DOC – FRANKLIN SIGN PLANT	3499	0.04	0.00
NOMACO, INC.	3086	0.85	0.00
NOVOZYMES OF NORTH AMERICA, INC.	2869	0.00	0.04
SOUTHERN LITHOPLATE, INC.	2796	0.37	0.00
ST WOOTEN CORPORATION – US HWY 1	2951	0.00	0.04
THE HON COMPANY	2521	0.37	0.00
TONEY LUMBER COMPANY, INC	2421	0.10	0.01
<b>Total County Emissions</b>		<b>1.74</b>	<b>0.18</b>

**Table 4.3-4 Summary Of 2008 Emissions For Granville County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
ALTEC INDUSTRIES	3713	0.10	0.00
ATHOL CORPORATION	2295	0.40	0.01
ATLANTIC INDUSTRIAL FINISHING, INC.	3444	0.01	0.00
BANDAG INCORPORATED	3011	0.48	0.01
CERTAIN TEED CORPORATION	2952	0.25	0.08
FEDERAL BUREAU OF PRISONS – FED CORR COM	9223	0.00	0.01

**Table 4.3-4 Summary Of 2008 Emissions For Granville County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
GEORGIA – PACIFIC CORPORATION CHIP-N-SAW PL	2421	0.42	0.04
HANES DYE AND FINISHING CO.	2269	0.03	0.02
IDEAL FASTENER CORPORATION	3964	0.01	0.00
JOHN UMSTEAD HOSPITAL	8052	0.00	0.08
LENOX CHINA, INC.	3269	0.00	0.01
MURDOCH CENTER	8052	0.00	0.01
NEWTON INSTRUMENT COMPANY INC.	3661	0.20	0.01
REA CONTRACTING, LLC/086 BUTNER	2951	0.00	0.03
REVLON CONSUMER PRODUCTS, INC.	2844	0.01	0.00
TUSCARORA, INC.	3086	0.24	0.01
<b>Total County Emissions</b>		<b>2.15</b>	<b>0.32</b>

**Table 4.3-5 Summary Of 2008 Emissions For Johnston County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
AMERADA HESS CORPORATION	5171	0.01	0.00
ANDREW CORPORATION NORTH CAROLINA	3679	0.35	0.02
APAC – ATLANTIC INC – COASTAL CAROLINA DIV.	2951	0.02	0.02
ATLANTIC COAST PROTEIN CORPORATION	2824	0.00	0.01
B P PRODUCTS NORTH AMERICA, SELMA TERM.	5171	0.08	0.00
CATERPILLAR	3531	0.09	0.00
CHARLES CABINETS, INC.	5712	0.01	0.00
CHARTER-TRIAD TERMINAL COMPANY	5171	0.17	0.00
CITGO PETROLEUM CORPORATION	5171	0.23	0.02
COLONIAL PIPELINE COMPANY	4613	0.01	0.00
CONESTOGA WOOD SPECIALTIES CORPORATION	2434	0.21	0.00
CROWN CENTRAL PETROLEUM	5171	0.04	0.00
EXXON COMPANY USA SELMA TERMINAL	5171	0.22	0.00
JERRY G WILLIAMS AND SONS, INC	2426	0.09	0.03
JOHNSTON COUNTY MSW LANDFILL	4953	0.02	0.00
KEENER LUMBER COMPANY, INC.	2421	0.17	0.05
KINDER MORGAN SOUTHEAST TERMINALS	5171	0.05	0.10
K R EDWARDS LEAF TOBACCO CO.	2141	0.02	0.02
LAMPE AND MALPHRUS LUMBER COMPANY	2421	0.16	0.05
MAY-CRAFT FIBERGLASS PRODUCTS, INC.	3732	0.03	0.00

**Table 4.3-5 Summary Of 2008 Emissions For Johnston County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
MEBANE PACKAGING CORPORATION	2752	0.05	0.00
NOVO NORDISK PHARMACEUTICAL	2834	0.03	0.01
PGI NONWOVENS DBA CHICOPEE, INC.	2297	0.04	0.13
RECYCLING INDUSTRIES OF GREENSBORO	5093	0.00	0.10
STRUCTURAL COATINGS, INC.	3479	0.06	0.00
S. T. WOOTEN CORP DRUG STORE ASPHALT PL #7	2951	0.01	0.02
S. T. WOOTEN CORPORATION – MSP	2951	0.01	0.01
TALECRIS BIOTHEREAUPEUTICS, INC	2836	0.12	0.07
TRANSMONTAIGNE PRODUCT SERVICES, INC.	5171	0.13	0.00
VALERO MARKETING AND SUPPLY COMPANY	5171	0.06	0.00
WILLIAMS ENERGY VENTURES, INC.	5171	0.09	0.01
<b>Total County Emissions</b>		<b>2.58</b>	<b>0.67</b>

**Table 4.3-6 Summary Of 2008 Emissions For Orange County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
AKG OF AMERICA INC.	3499	0.07	0.00
ARMACELL LLC	3086	0.15	0.03
GENERAL ELECTRIC COMPANY	3622	0.01	0.01
MEADWESTVACO CONSUMER PACKAGING GROUP	2653	0.07	0.00
UNIV. OF NORTH CAROLINA AT CHAPEL HILL	8221	0.01	1.58
UNIVERSITY OF NORTH CAROLINA HOSPITALS	8062	0.00	0.01
<b>Total County Emissions</b>		<b>0.31</b>	<b>1.63</b>

**Table 4.3-7 Summary Of 2008 Emissions For Person County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
ALSCO METALS CORPORATION	3444	0.05	0.08
COLLINS & AIKMAN CORPORATION	2259	0.01	0.01
COGENTRIX OF NORTH CAROLINA INC.	4911	0.01	1.55
EATON CORPORATION	3714	0.02	0.02
GEORGIA – PACIFIC ROXBORO	2439	0.13	0.10
J. G. HARDISON COMPANY, INC.	5031	0.00	0.04
LOUISIANA – PACIFIC CORP – ROXBORO	2493	0.27	0.48

**Table 4.3-7 Summary Of 2008 Emissions For Person County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
PROGRESS ENERGY – MAYO FACILITY	4911	0.00	4.74
PROGRESS ENERGY – ROXBORO PLANT	4911	0.54	20.03
THE LOXCREEN COMPANY, INC	3354	0.00	0.07
<b>Total County Emissions</b>		<b>1.03</b>	<b>27.12</b>

**Table 4.3-8 Summary Of 2008 Emissions For Wake County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
AJINOMOTO AMINO SCIENCE, LLC	2833	0.00	0.08
AUSTIN QUALITY FOODS, INC.	2052	0.05	0.02
AVX CORPORATION	3629	0.12	0.00
BARNHILL CONTRACTING COMPANY	2951	0.00	0.01
BIOGEN IDEC US LIMITED PARTNERSHIP	2834	0.00	0.03
CARGILL INC – RALEIGH	2075	1.00	0.12
CAROLINA SUNROCK, LLC – RDU DISTRIBUTION	2951	0.02	0.05
CITY OF RALEIGH E M JOHNSON WATER TREATMENT PLANT	4941	0.00	0.01
CITY OF RALEIGH FALLS LAKE PUMP STATION	4952	0.00	0.06
CITY OF RALEIGH NEUSE R WWTP	4953	0.00	0.01
COOPER HAND TOOLS APEX DIVISION	3545	0.05	0.01
DIOSYNTH-RTP, INC.	2836	0.00	0.01
DIXIE PIPELINE CO.	5171	0.05	0.01
DOROTHEA DIX HOSPITAL	8063	0.02	0.06
ELSTER ELECTRICITY	3825	0.01	0.00
FOWLER CONTRACTING – WAKE FOREST PLANT	2951	0.01	0.04
GELDER & ASSOCIATES INCORPORATED	2951	0.01	0.02
GLAXOSMITHKLINE	2834	0.07	0.03
HENRY WURST INC.	2752	0.16	0.00
INTERNATIONAL PAPER – BEVERAGE PACKAGING	2657	0.36	0.01
MALLINCKRODT INC.	2833	0.05	0.12
MANGUM ASPHALT SERVICES	2951	0.01	0.01
MCI – CRYANC	4813	0.00	0.01
METOKOTE CORPORATION, PLANT 23	3479	0.02	0.00
MOTIVA ENTERPRISES LLC	5171	0.11	0.01
NC DOA CENTRAL HEATING PLANT	4961	0.02	0.15
NCDOA ROLLINS ANIMAL D&D LAB	7420	0.00	0.01

**Table 4.3-8 Summary Of 2008 Emissions For Wake County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
NC DOC – CENTRAL PRISON	9223	0.00	0.01
NCSU CENTRAL HEAT PLANT	8221	0.02	0.26
NELLO L TEER COMPANY PLANT #5	2951	0.00	0.02
NOMACO INC.	3086	1.65	0.00
NORTH WAKE COUNTY LANDFILL FACILITY	4953	0.04	0.01
PERGO	2493	0.01	0.00
POTTERS INDUSTRIES	3231	0.01	0.14
PROGRESS ENERGY – HARRIS NUCLEAR PLANT	4911	0.00	0.03
REA CONTRACTING, LLC/083 GARNER	2951	0.01	0.02
REA CONTRACTING, LLC/082 GRESHAM LAKE	2951	0.11	0.01
REA CONTRACTING, LLC/081 WEST RALEIGH	2951	0.02	0.02
REX HEALTHCARE	8062	0.00	0.02
RUSSELL CARROLL CABINET SHOP	2499	0.07	0.00
SMT, INC.	3499	0.00	0.01
THOMPSON CABINET SHOP, INC.	2434	0.01	0.00
TOWN OF CARY – CARY/APEX WATER PLANT	4941	0.00	0.01
TOWN OF CARY – NORTH CARY WATER RECLAMATION FACILITY	4952	0.00	0.02
TOWN OF CARY – SWIFT CREEK PUMP STATION	4959	0.00	0.01
TRANSFLO TERMINAL SERVICES	5171	0.00	0.02
TRIANGLE BRICK CARPENTER PLANT	3251	0.01	0.02
TYCO ELECTRONICS CORPORATION	3083	0.02	0.01
WAKEMED	8062	0.02	0.03
<b>Total County Emissions</b>		<b>4.14</b>	<b>1.56</b>

#### 4.4 SUMMARY OF EMISSIONS FOR 2011

**Table 4.4-1 Summary Of 2011 Emissions For Chatham County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
S T WOOTEN – PITTSBORO ASPHALT PLANT	2951	0.00	0.02
<b>Total County Emissions</b>		<b>0.0</b>	<b>0.02</b>

**Table 4.4-2 Summary Of 2011 Emissions For Durham County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
BECTON DICKINSON LABWARE	3069	0.02	0.00
BRENNTAG SOUTHEAST, INC.	5169	0.02	0.00
BROWN WATER TREATMENT PLANT	4952	0.00	0.01
CAROLINA SUNROCK CORPORATION	2951	0.10	0.05
CIIT CENTERS FOR HEALTH RESEARCH	8733	0.00	0.03
CITY OF DURHAM SANITARY LANDFILL	4953	0.01	0.09
DUKE UNIVERSITY	8221	0.01	0.91
DURHAM REGIONAL HOSPITAL	8062	0.00	0.01
EISAI, INC.	2834	0.66	0.02
FEDERAL MEDICAL CENTER	8069	0.00	0.01
FREUDENBERG NONWOVENS	2297	0.01	0.01
GILEAD SCIENCES, INC.	8731	0.00	0.01
GLAXO SMITH KLINE	2833	0.03	0.12
IBM CORPORATION	3571	0.01	0.14
ICORIA, INC.	8731	0.00	0.01
LIGGETT GROUP, INC.	2754	0.21	0.01
LITESPEC OPTICAL FIBER LLC	3357	0.02	0.00
LITHO INDUSTRIES	2672	0.08	0.00
NIEHS	9199	0.01	0.09
NORTEL NETWORKS INC. RTP	3661	0.00	0.04
NORTH CAROLINA CENTRAL UNIVERSITY	8221	0.00	0.03
NORTH DURHAM WATER RECLAMATION FACILITY	9511	0.00	0.04
PBM GRAPHICS INCORPORATED	2752	0.17	0.00
RALDEN LIMITED PARTNERSHIP	8733	0.00	0.03
RESEARCH TRIANGLE INSTITUTE	8731	0.00	0.02
SOUTH DURHAM WATER RECLAMATION FACILITY	9511	0.01	0.35
SCM METAL PRODUCTS, INC.	3499	0.00	0.01
SPHINX PHARMACEUTICALS	8731	0.00	0.02
TECSTAR ELECTRO SYSTEMS DIVISION	3621	0.02	0.00
VALASSIS COMMUNICATIONS	2754	0.08	0.04
VETERANS ADMINISTRATION HOSPITAL	8062	0.00	0.03
WECK CLOSURE SYSTEMS, INC.	3841	0.00	0.03
WILLIAMS WATER TREATMENT PLANT	4952	0.00	0.01
<b>Total County Emissions</b>		<b>1.47</b>	<b>2.17</b>



**Table 4.4-3 Summary Of 2011 Emissions For Franklin County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
CAROLINA TELEPHONE & TELEGRAPH DBA SPRINT	4813	0.00	0.02
FRANKLIN VENEERS, INC.	2435	0.01	0.01
HARBORLITE CORPORATION	3295	0.00	0.01
HB MELLOTT ESTATE INC. FRANKLIN PLANT	1423	0.00	0.03
LOUISBURG COLLEGE	8221	0.00	0.02
NC DOC – FRANKLIN SIGN PLANT	3499	0.05	0.00
NOMACO, INC.	3086	0.93	0.00
NOVOZYMES OF NORTH AMERICA, INC.	2869	0.00	0.04
SOUTHERN LITHOPLATE, INC.	2796	0.37	0.00
ST WOOTEN CORPORATION – US HWY 1	2951	0.00	0.04
THE HON COMPANY	2521	0.40	0.00
TONEY LUMBER COMPANY, INC	2421	0.10	0.01
<b>Total County Emissions</b>		<b>1.86</b>	<b>0.18</b>

**Table 4.4-4 Summary Of 2011 Emissions For Granville County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
ALTEC INDUSTRIES	3713	0.11	0.00
ATHOL CORPORATION	2295	0.42	0.01
ATLANTIC INDUSTRIAL FINISHING, INC.	3444	0.01	0.00
BANDAG INCORPORATED	3011	0.53	0.01
CERTAIN TEED CORPORATION	2952	0.28	0.09
FEDERAL BUREAU OF PRISONS – FED CORR COM	9223	0.00	0.01
GEORGIA – PACIFIC CORPORATION CHIP-N-SAW PL	2421	0.44	0.04
HANES DYE AND FINISHING CO.	2269	0.04	0.02
IDEAL FASTENER CORPORATION	3964	0.01	0.00
JOHN UMSTEAD HOSPITAL	8052	0.00	0.08
LENOX CHINA, INC.	3269	0.00	0.01
MURDOCH CENTER	8052	0.00	0.01
NEWTON INSTRUMENT COMPANY INC.	3661	0.23	0.01
REA CONTRACTING, LLC/086 BUTNER	2951	0.00	0.03
REVLON CONSUMER PRODUCTS, INC.	2844	0.01	0.00
TUSCARORA, INC.	3086	0.27	0.01
<b>Total County Emissions</b>		<b>2.35</b>	<b>0.33</b>

**Table 4.4-5 Summary Of 2011 Emissions For Johnston County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
AMERADA HESS CORPORATION	5171	0.01	0.00
ANDREW CORPORATION NORTH CAROLINA	3679	0.42	0.02
APAC – ATLANTIC INC – COASTAL CAROLINA DIV.	2951	0.02	0.02
ATLANTIC COAST PROTEIN CORPORATION	2824	0.00	0.01
B P PRODUCTS NORTH AMERICA, SELMA TERM.	5171	0.08	0.00
CATERPILLAR	3531	0.10	0.00
CHARLES CABINETS, INC.	5712	0.01	0.00
CHARTER-TRIAD TERMINAL COMPANY	5171	0.19	0.00
CITGO PETROLEUM CORPORATION	5171	0.25	0.02
COLONIAL PIPELINE COMPANY	4613	0.01	0.00
CONESTOGA WOOD SPECIALTIES CORPORATION	2434	0.22	0.00
CROWN CENTRAL PETROLEUM	5171	0.04	0.00
EXXON COMPANY USA SELMA TERMINAL	5171	0.24	0.00
JERRY G WILLIAMS AND SONS, INC	2426	0.10	0.03
JOHNSTON COUNTY MSW LANDFILL	4953	0.02	0.00
KEENER LUMBER COMPANY, INC.	2421	0.18	0.05
KINDER MORGAN SOUTHEAST TERMINALS	5171	0.06	0.11
K R EDWARDS LEAF TOBACCO CO.	2141	0.02	0.02
LAMPE AND MALPHRUS LUMBER COMPANY	2421	0.17	0.06
MAY-CRAFT FIBERGLASS PRODUCTS, INC.	3732	0.03	0.00
MEBANE PACKAGING CORPORATION	2752	0.05	0.00
NOVO NORDISK PHARMACEUTICAL	2834	0.03	0.01
PGI NONWOVENS DBA CHICOPEE, INC.	2297	0.05	0.13
RECYCLING INDUSTRIES OF GREENSBORO	5093	0.00	0.11
STRUCTURAL COATINGS, INC.	3479	0.06	0.00
S. T. WOOTEN CORP DRUG STORE ASPHALT PL #7	2951	0.02	0.02
S. T. WOOTEN CORPORATION – MSP	2951	0.01	0.01
TALECRIS BIOTHEREAUPEUTICS, INC	2836	0.14	0.08
TRANSMONTAIGNE PRODUCT SERVICES, INC.	5171	0.14	0.00
VALERO MARKETING AND SUPPLY COMPANY	5171	0.07	0.00
WILLIAMS ENERGY VENTURES, INC.	5171	0.10	0.01
<b>Total County Emissions</b>		<b>2.84</b>	<b>0.71</b>

**Table 4.4-6 Summary Of 2011 Emissions For Orange County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
AKG OF AMERICA INC.	3499	0.08	0.00
ARMACELL LLC	3086	0.17	0.03
GENERAL ELECTRIC COMPANY	3622	0.02	0.02
MEADWESTVACO CONSUMER PACKAGING GROUP	2653	0.07	0.00
UNIV. OF NORTH CAROLINA AT CHAPEL HILL	8221	0.01	1.58
UNIVERSITY OF NORTH CAROLINA HOSPITALS	8062	0.00	0.01
<b>Total County Emissions</b>		<b>0.35</b>	<b>1.64</b>

**Table 4.4-7 Summary Of 2011 Emissions For Person County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
ALSCO METALS CORPORATION	3444	0.05	0.08
COLLINS & AIKMAN CORPORATION	2259	0.01	0.02
COGENTRIX OF NORTH CAROLINA INC.	4911	0.01	1.66
EATON CORPORATION	3714	0.02	0.02
GEORGIA – PACIFIC ROXBORO	2439	0.13	0.10
J. G. HARDISON COMPANY, INC.	5031	0.00	0.05
LOUISIANA – PACIFIC CORP – ROXBORO	2493	0.28	0.50
PROGRESS ENERGY – MAYO FACILITY	4911	0.00	5.51
PROGRESS ENERGY – ROXBORO PLANT	4911	0.58	19.78
THE LOXCREEN COMPANY, INC	3354	0.00	0.07
<b>Total County Emissions</b>		<b>1.08</b>	<b>27.79</b>

**Table 4.4-8 Summary Of 2011 Emissions For Wake County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
AJINOMOTO AMINO SCIENCE, LLC	2833	0.00	0.09
AUSTIN QUALITY FOODS, INC.	2052	0.06	0.03
AVX CORPORATION	3629	0.14	0.00
BARNHILL CONTRACTING COMPANY	2951	0.01	0.01
BIOGEN IDEC US LIMITED PARTNERSHIP	2834	0.00	0.03
CARGILL INC – RALEIGH	2075	1.05	0.12
CAROLINA SUNROCK, LLC – RDU DISTRIBUTION	2951	0.02	0.05
CITY OF RALEIGH E M JOHNSON WATER TREATMENT PLANT	4941	0.00	0.01

**Table 4.4-8 Summary Of 2011 Emissions For Wake County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
CITY OF RALEIGH FALLS LAKE PUMP STATION	4952	0.00	0.07
CITY OF RALEIGH NEUSE R WWTP	4953	0.00	0.01
COOPER HAND TOOLS APEX DIVISION	3545	0.05	0.01
DIOSYNTH-RTP, INC.	2836	0.00	0.01
DIXIE PIPELINE CO.	5171	0.06	0.01
DOROTHEA DIX HOSPITAL	8063	0.02	0.06
ELSTER ELECTRICITY	3825	0.02	0.00
FOWLER CONTRACTING – WAKE FOREST PLANT	2951	0.03	0.04
GELDER & ASSOCIATES INCORPORATED	2951	0.01	0.02
GLAXOSMITHKLINE	2834	0.07	0.03
HENRY WURST INC.	2752	0.16	0.00
INTERNATIONAL PAPER – BEVERAGE PACKAGING	2657	0.38	0.01
MALLINCKRODT INC.	2833	0.06	0.14
MANGUM ASPHALT SERVICES	2951	0.02	0.02
MCI – CRYANC	4813	0.00	0.01
METOKOTE CORPORATION, PLANT 23	3479	0.02	0.00
MOTIVA ENTERPRISES LLC	5171	0.12	0.01
NC DOA CENTRAL HEATING PLANT	4961	0.02	0.16
NCDOA ROLLINS ANIMAL D&D LAB	7420	0.00	0.01
NC DOC – CENTRAL PRISON	9223	0.00	0.01
NCSU CENTRAL HEAT PLANT	8221	0.02	0.27
NELLO L TEER COMPANY PLANT #5	2951	0.00	0.02
NOMACO INC.	3086	1.81	0.00
NORTH WAKE COUNTY LANDFILL FACILITY	4953	0.04	0.01
PERGO	2493	0.01	0.00
POTTERS INDUSTRIES	3231	0.01	0.15
PROGRESS ENERGY – HARRIS NUCLEAR PLANT	4911	0.00	0.03
REA CONTRACTING, LLC/083 GARNER	2951	0.02	0.02
REA CONTRACTING, LLC/082 GRESHAM LAKE	2951	0.12	0.02
REA CONTRACTING, LLC/081 WEST RALEIGH	2951	0.02	0.02
REX HEALTHCARE	8062	0.00	0.02
RUSSELL CARROLL CABINET SHOP	2499	0.07	0.00
SMT, INC.	3499	0.00	0.01
THOMPSON CABINET SHOP, INC.	2434	0.01	0.00
TOWN OF CARY – CARY/APEX WATER PLANT	4941	0.00	0.01
TOWN OF CARY – NORTH CARY WATER	4952	0.00	0.02

**Table 4.4-8 Summary Of 2011 Emissions For Wake County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
RECLAMATION FACILITY			
TOWN OF CARY – SWIFT CREEK PUMP STATION	4959	0.00	0.01
TRANSFLO TERMINAL SERVICES	5171	0.00	0.02
TRIANGLE BRICK CARPENTER PLANT	3251	0.01	0.02
TYCO ELECTRONICS CORPORATION	3083	0.02	0.01
WAKEMED	8062	0.02	0.03
<b>Total County Emissions</b>		<b>4.5</b>	<b>1.66</b>

#### **4.5 SUMMARY OF EMISSIONS FOR 2014**

**Table 4.5-1 Summary Of 2014 Emissions For Chatham County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
S T WOOTEN – PITTSBORO ASPHALT PLANT	2951	0.00	0.03
<b>Total County Emissions</b>		<b>0.0</b>	<b>0.03</b>

**Table 4.5-2 Summary Of 2014 Emissions For Durham County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
BECTON DICKINSON LABWARE	3069	0.02	0.00
BRENNTAG SOUTHEAST, INC.	5169	0.02	0.00
BROWN WATER TREATMENT PLANT	4952	0.00	0.01
CAROLINA SUNROCK CORPORATION	2951	0.02	0.05
CIIT CENTERS FOR HEALTH RESEARCH	8733	0.00	0.04
CITY OF DURHAM SANITARY LANDFILL	4953	0.01	0.10
DUKE UNIVERSITY	8221	0.01	0.98
DURHAM REGIONAL HOSPITAL	8062	0.00	0.01
EISAI, INC.	2834	0.73	0.02
FEDERAL MEDICAL CENTER	8069	0.00	0.01
FREUDENBERG NONWOVENS	2297	0.01	0.01
GILEAD SCIENCES, INC.	8731	0.00	0.01
GLAXO SMITH KLINE	2833	0.04	0.14
IBM CORPORATION	3571	0.01	0.16
ICORIA, INC.	8731	0.00	0.02
LIGGETT GROUP, INC.	2754	0.23	0.01

**Table 4.5-2 Summary Of 2014 Emissions For Durham County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
LITESPEC OPTICAL FIBER LLC	3357	0.03	0.00
LITHO INDUSTRIES	2672	0.09	0.00
NIEHS	9199	0.01	0.10
NORTEL NETWORKS INC. RTP	3661	0.00	0.04
NORTH CAROLINA CENTRAL UNIVERSITY	8221	0.00	0.03
NORTH DURHAM WATER RECLAMATION FACILITY	9511	0.00	0.04
PBM GRAPHICS INCORPORATED	2752	0.18	0.00
RALDEN LIMITED PARTNERSHIP	8733	0.00	0.03
RESEARCH TRIANGLE INSTITUTE	8731	0.00	0.02
SOUTH DURHAM WATER RECLAMATION FACILITY	9511	0.01	0.36
SCM METAL PRODUCTS, INC.	3499	0.00	0.01
SPHINX PHARMACEUTICALS	8731	0.00	0.02
TECSTAR ELECTRO SYSTEMS DIVISION	3621	0.02	0.00
VALASSIS COMMUNICATIONS	2754	0.09	0.05
VETERANS ADMINISTRATION HOSPITAL	8062	0.00	0.03
WECK CLOSURE SYSTEMS, INC.	3841	0.00	0.03
WILLIAMS WATER TREATMENT PLANT	4952	0.00	0.01
<b>Total County Emissions</b>		<b>1.53</b>	<b>2.34</b>

**Table 4.5-3 Summary Of 2014 Emissions For Franklin County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
CAROLINA TELEPHONE & TELEGRAPH DBA SPRINT	4813	0.00	0.02
FRANKLIN VENEERS, INC.	2435	0.01	0.02
HARBORLITE CORPORATION	3295	0.00	0.01
HB MELLOTT ESTATE INC. FRANKLIN PLANT	1423	0.00	0.03
LOUISBURG COLLEGE	8221	0.00	0.02
NC DOC – FRANKLIN SIGN PLANT	3499	0.05	0.00
NOMACO, INC.	3086	1.02	0.00
NOVOZYMES OF NORTH AMERICA, INC.	2869	0.00	0.04
SOUTHERN LITHOPLATE, INC.	2796	0.40	0.00
ST WOOTEN CORPORATION – US HWY 1	2951	0.00	0.04
THE HON COMPANY	2521	0.43	0.01
TONEY LUMBER COMPANY, INC	2421	0.11	0.01
<b>Total County Emissions</b>		<b>2.02</b>	<b>0.2</b>

**Table 4.5-4 Summary Of 2014 Emissions For Granville County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
ALTEC INDUSTRIES	3713	0.12	0.00
ATHOL CORPORATION	2295	0.46	0.01
ATLANTIC INDUSTRIAL FINISHING, INC.	3444	0.01	0.00
BANDAG INCORPORATED	3011	0.56	0.01
CERTAIN TEED CORPORATION	2952	0.31	0.10
FEDERAL BUREAU OF PRISONS – FED CORR COM	9223	0.00	0.01
GEORGIA – PACIFIC CORPORATION CHIP-N-SAW PL	2421	0.48	0.04
HANES DYE AND FINISHING CO.	2269	0.04	0.02
IDEAL FASTENER CORPORATION	3964	0.01	0.00
JOHN UMSTEAD HOSPITAL	8052	0.00	0.08
LENOX CHINA, INC.	3269	0.00	0.01
MURDOCH CENTER	8052	0.00	0.01
NEWTON INSTRUMENT COMPANY INC.	3661	0.26	0.01
REA CONTRACTING, LLC/086 BUTNER	2951	0.00	0.03
REVLON CONSUMER PRODUCTS, INC.	2844	0.01	0.00
TUSCARORA, INC.	3086	0.29	0.01
<b>Total County Emissions</b>		<b>2.55</b>	<b>0.34</b>

**Table 4.5-5 Summary Of 2014 Emissions For Johnston County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
AMERADA HESS CORPORATION	5171	0.01	0.00
ANDREW CORPORATION NORTH CAROLINA	3679	0.49	0.02
APAC – ATLANTIC INC – COASTAL CAROLINA DIV.	2951	0.02	0.03
ATLANTIC COAST PROTEIN CORPORATION	2824	0.00	0.01
B P PRODUCTS NORTH AMERICA, SELMA TERM.	5171	0.09	0.00
CATERPILLAR	3531	0.10	0.00
CHARLES CABINETS, INC.	5712	0.01	0.00
CHARTER-TRIAD TERMINAL COMPANY	5171	0.21	0.00
CITGO PETROLEUM CORPORATION	5171	0.28	0.02
COLONIAL PIPELINE COMPANY	4613	0.01	0.00
CONESTOGA WOOD SPECIALTIES CORPORATION	2434	0.23	0.00
CROWN CENTRAL PETROLEUM	5171	0.05	0.00
EXXON COMPANY USA SELMA TERMINAL	5171	0.27	0.00

**Table 4.5-5 Summary Of 2014 Emissions For Johnston County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
JERRY G WILLIAMS AND SONS, INC	2426	0.10	0.04
JOHNSTON COUNTY MSW LANDFILL	4953	0.02	0.00
KEENER LUMBER COMPANY, INC.	2421	0.19	0.06
KINDER MORGAN SOUTHEAST TERMINALS	5171	0.06	0.12
K R EDWARDS LEAF TOBACCO CO.	2141	0.02	0.02
LAMPE AND MALPHRUS LUMBER COMPANY	2421	0.18	0.06
MAY-CRAFT FIBERGLASS PRODUCTS, INC.	3732	0.03	0.00
MEBANE PACKAGING CORPORATION	2752	0.06	0.00
NOVO NORDISK PHARMACEUTICAL	2834	0.03	0.02
PGI NONWOVENS DBA CHICOPEE, INC.	2297	0.05	0.15
RECYCLING INDUSTRIES OF GREENSBORO	5093	0.00	0.12
STRUCTURAL COATINGS, INC.	3479	0.07	0.00
S. T. WOOTEN CORP DRUG STORE ASPHALT PL #7	2951	0.02	0.02
S. T. WOOTEN CORPORATION – MSP	2951	0.01	0.02
TALECRIS BIOTHEREAUPEUTICS, INC	2836	0.15	0.09
TRANSMONTAIGNE PRODUCT SERVICES, INC.	5171	0.15	0.00
VALERO MARKETING AND SUPPLY COMPANY	5171	0.08	0.00
WILLIAMS ENERGY VENTURES, INC.	5171	0.11	0.01
<b>Total County Emissions</b>		<b>3.1</b>	<b>0.81</b>

**Table 4.5-6 Summary Of 2014 Emissions For Orange County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
AKG OF AMERICA INC.	3499	0.08	0.01
ARMACELL LLC	3086	0.18	0.03
GENERAL ELECTRIC COMPANY	3622	0.02	0.02
MEADWESTVACO CONSUMER PACKAGING GROUP	2653	0.08	0.00
UNIV. OF NORTH CAROLINA AT CHAPEL HILL	8221	0.02	1.58
UNIVERSITY OF NORTH CAROLINA HOSPITALS	8062	0.00	0.01
<b>Total County Emissions</b>		<b>0.38</b>	<b>1.65</b>



**Table 4.5-7 Summary Of 2014 Emissions For Person County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
ALSCO METALS CORPORATION	3444	0.06	0.09
COLLINS & AIKMAN CORPORATION	2259	0.01	0.02
COGENTRIX OF NORTH CAROLINA INC.	4911	0.01	1.78
EATON CORPORATION	3714	0.03	0.03
GEORGIA – PACIFIC ROXBORO	2439	0.14	0.11
J. G. HARDISON COMPANY, INC.	5031	0.00	0.05
LOUISIANA – PACIFIC CORP – ROXBORO	2493	0.31	0.55
PROGRESS ENERGY – MAYO FACILITY	4911	0.00	5.62
PROGRESS ENERGY – ROXBORO PLANT	4911	0.62	19.93
THE LOXCREEN COMPANY, INC	3354	0.00	0.08
<b>Total County Emissions</b>		<b>1.18</b>	<b>28.26</b>

**Table 4.5-8 Summary Of 2014 Emissions For Wake County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
AJINOMOTO AMINO SCIENCE, LLC	2833	0.00	0.10
AUSTIN QUALITY FOODS, INC.	2052	0.06	0.03
AVX CORPORATION	3629	0.16	0.00
BARNHILL CONTRACTING COMPANY	2951	0.01	0.01
BIOGEN IDEC US LIMITED PARTNERSHIP	2834	0.00	0.03
CARGILL INC – RALEIGH	2075	1.11	0.13
CAROLINA SUNROCK, LLC – RDU DISTRIBUTION	2951	0.02	0.06
CITY OF RALEIGH E M JOHNSON WATER TREATMENT PLANT	4941	0.00	0.02
CITY OF RALEIGH FALLS LAKE PUMP STATION	4952	0.00	0.07
CITY OF RALEIGH NEUSE R WWTP	4953	0.00	0.01
COOPER HAND TOOLS APEX DIVISION	3545	0.06	0.01
DIOSYNTH-RTP, INC.	2836	0.00	0.01
DIXIE PIPELINE CO.	5171	0.06	0.01
DOROTHEA DIX HOSPITAL	8063	0.02	0.06
ELSTER ELECTRICITY	3825	0.02	0.00
FOWLER CONTRACTING – WAKE FOREST PLANT	2951	0.02	0.05
GELDER & ASSOCIATES INCORPORATED	2951	0.01	0.02
GLAXOSMITHKLINE	2834	0.08	0.04
HENRY WURST INC.	2752	0.17	0.00

**Table 4.5-8 Summary Of 2014 Emissions For Wake County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
INTERNATIONAL PAPER – BEVERAGE PACKAGING	2657	0.41	0.01
MALLINCKRODT INC.	2833	0.06	0.15
MANGUM ASPHALT SERVICES	2951	0.02	0.02
MCI – CRYANC	4813	0.00	0.02
METOKOTE CORPORATION, PLANT 23	3479	0.02	0.00
MOTIVA ENTERPRISES LLC	5171	0.13	0.01
NC DOA CENTRAL HEATING PLANT	4961	0.02	0.17
NCDOA ROLLINS ANIMAL D&D LAB	7420	0.00	0.01
NC DOC – CENTRAL PRISON	9223	0.00	0.01
NCSU CENTRAL HEAT PLANT	8221	0.02	0.30
NELLO L TEER COMPANY PLANT #5	2951	0.00	0.02
NOMACO INC.	3086	1.99	0.00
NORTH WAKE COUNTY LANDFILL FACILITY	4953	0.04	0.01
PERGO	2493	0.01	0.00
POTTERS INDUSTRIES	3231	0.01	0.16
PROGRESS ENERGY – HARRIS NUCLEAR PLANT	4911	0.00	0.03
REA CONTRACTING, LLC/083 GARNER	2951	0.02	0.03
REA CONTRACTING, LLC/082 GRESHAM LAKE	2951	0.13	0.02
REA CONTRACTING, LLC/081 WEST RALEIGH	2951	0.02	0.02
REX HEALTHCARE	8062	0.00	0.02
RUSSELL CARROLL CABINET SHOP	2499	0.08	0.00
SMT, INC.	3499	0.00	0.01
THOMPSON CABINET SHOP, INC.	2434	0.01	0.00
TOWN OF CARY – CARY/APEX WATER PLANT	4941	0.00	0.01
TOWN OF CARY – NORTH CARY WATER RECLAMATION FACILITY	4952	0.00	0.02
TOWN OF CARY – SWIFT CREEK PUMP STATION	4959	0.00	0.01
TRANSFLO TERMINAL SERVICES	5171	0.00	0.02
TRIANGLE BRICK CARPENTER PLANT	3251	0.01	0.02
TYCO ELECTRONICS CORPORATION	3083	0.03	0.01
WAKEMED	8062	0.02	0.03
<b>Total County Emissions</b>		<b>4.85</b>	<b>1.8</b>

#### 4.6 SUMMARY OF EMISSIONS FOR 2017

**Table 4.6-1 Summary Of 2017 Emissions For Chatham County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
S T WOOTEN – PITTSBORO ASPHALT PLANT	2951	0.00	0.03
<b>Total County Emissions</b>		<b>0.0</b>	<b>0.03</b>

**Table 4.6-2 Summary Of 2017 Emissions For Durham County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
BECTON DICKINSON LABWARE	3069	0.02	0.00
BRENNTAG SOUTHEAST, INC.	5169	0.02	0.00
BROWN WATER TREATMENT PLANT	4952	0.00	0.01
CAROLINA SUNROCK CORPORATION	2951	0.02	0.06
CIIT CENTERS FOR HEALTH RESEARCH	8733	0.00	0.04
CITY OF DURHAM SANITARY LANDFILL	4953	0.01	0.11
DUKE UNIVERSITY	8221	0.01	1.05
DURHAM REGIONAL HOSPITAL	8062	0.00	0.01
EISAI, INC.	2834	0.79	0.02
FEDERAL MEDICAL CENTER	8069	0.00	0.01
FREUDENBERG NONWOVENS	2297	0.01	0.02
GILEAD SCIENCES, INC.	8731	0.00	0.01
GLAXO SMITH KLINE	2833	0.04	0.15
IBM CORPORATION	3571	0.02	0.17
ICORIA, INC.	8731	0.00	0.02
LIGGETT GROUP, INC.	2754	0.25	0.01
LITESPEC OPTICAL FIBER LLC	3357	0.03	0.00
LITHO INDUSTRIES	2672	0.10	0.00
NIEHS	9199	0.01	0.10
NORTEL NETWORKS INC. RTP	3661	0.00	0.05
NORTH CAROLINA CENTRAL UNIVERSITY	8221	0.00	0.04
NORTH DURHAM WATER RECLAMATION FACILITY	9511	0.00	0.04
PBM GRAPHICS INCORPORATED	2752	0.20	0.00
RALDEN LIMITED PARTNERSHIP	8733	0.00	0.03
RESEARCH TRIANGLE INSTITUTE	8731	0.00	0.02
SOUTH DURHAM WATER RECLAMATION FACILITY	9511	0.01	0.36
SCM METAL PRODUCTS, INC.	3499	0.00	0.02

**Table 4.6-2 Summary Of 2017 Emissions For Durham County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
SPHINX PHARMACEUTICALS	8731	0.00	0.02
TECSTAR ELECTRO SYSTEMS DIVISION	3621	0.02	0.00
VALASSIS COMMUNICATIONS	2754	0.09	0.05
VETERANS ADMINISTRATION HOSPITAL	8062	0.00	0.03
WECK CLOSURE SYSTEMS, INC.	3841	0.00	0.03
WILLIAMS WATER TREATMENT PLANT	4952	0.00	0.01
<b>Total County Emissions</b>		<b>1.65</b>	<b>2.49</b>

**Table 4.6-3 Summary Of 2017 Emissions For Franklin County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
CAROLINA TELEPHONE & TELEGRAPH DBA SPRINT	4813	0.00	0.03
FRANKLIN VENEERS, INC.	2435	0.01	0.02
HARBORLITE CORPORATION	3295	0.00	0.01
HB MELLOTT ESTATE INC. FRANKLIN PLANT	1423	0.00	0.03
LOUISBURG COLLEGE	8221	0.00	0.02
NC DOC – FRANKLIN SIGN PLANT	3499	0.06	0.00
NOMACO, INC.	3086	1.12	0.00
NOVOZYMES OF NORTH AMERICA, INC.	2869	0.00	0.05
SOUTHERN LITHOPLATE, INC.	2796	0.42	0.00
ST WOOTEN CORPORATION – US HWY 1	2951	0.00	0.05
THE HON COMPANY	2521	0.47	0.01
TONEY LUMBER COMPANY, INC	2421	0.12	0.01
<b>Total County Emissions</b>		<b>2.2</b>	<b>0.23</b>

**Table 4.6-4 Summary Of 2017 Emissions For Granville County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
ALTEC INDUSTRIES	3713	0.14	0.00
ATHOL CORPORATION	2295	0.51	0.01
ATLANTIC INDUSTRIAL FINISHING, INC.	3444	0.01	0.00
BANDAG INCORPORATED	3011	0.60	0.01
CERTAIN TEED CORPORATION	2952	0.34	0.11
FEDERAL BUREAU OF PRISONS – FED CORR COM	9223	0.00	0.01

**Table 4.6-4 Summary Of 2017 Emissions For Granville County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
GEORGIA – PACIFIC CORPORATION CHIP-N-SAW PL	2421	0.51	0.05
HANES DYE AND FINISHING CO.	2269	0.04	0.02
IDEAL FASTENER CORPORATION	3964	0.01	0.00
JOHN UMSTEAD HOSPITAL	8052	0.00	0.08
LENOX CHINA, INC.	3269	0.00	0.01
MURDOCH CENTER	8052	0.00	0.01
NEWTON INSTRUMENT COMPANY INC.	3661	0.29	0.01
REA CONTRACTING, LLC/086 BUTNER	2951	0.00	0.04
REVLON CONSUMER PRODUCTS, INC.	2844	0.01	0.00
TUSCARORA, INC.	3086	0.32	0.01
<b>Total County Emissions</b>		<b>2.78</b>	<b>0.37</b>

**Table 4.6-5 Summary Of 2017 Emissions For Johnston County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
AMERADA HESS CORPORATION	5171	0.01	0.00
ANDREW CORPORATION NORTH CAROLINA	3679	0.55	0.02
APAC – ATLANTIC INC – COASTAL CAROLINA DIV.	2951	0.02	0.03
ATLANTIC COAST PROTEIN CORPORATION	2824	0.00	0.01
B P PRODUCTS NORTH AMERICA, SELMA TERM.	5171	0.10	0.00
CATERPILLAR	3531	0.11	0.00
CHARLES CABINETS, INC.	5712	0.02	0.00
CHARTER-TRIAD TERMINAL COMPANY	5171	0.23	0.00
CITGO PETROLEUM CORPORATION	5171	0.30	0.03
COLONIAL PIPELINE COMPANY	4613	0.01	0.00
CONESTOGA WOOD SPECIALTIES CORPORATION	2434	0.24	0.00
CROWN CENTRAL PETROLEUM	5171	0.05	0.00
EXXON COMPANY USA SELMA TERMINAL	5171	0.29	0.00
JERRY G WILLIAMS AND SONS, INC	2426	0.12	0.04
JOHNSTON COUNTY MSW LANDFILL	4953	0.02	0.00
KEENER LUMBER COMPANY, INC.	2421	0.20	0.06
KINDER MORGAN SOUTHEAST TERMINALS	5171	0.07	0.14
K R EDWARDS LEAF TOBACCO CO.	2141	0.02	0.03
LAMPE AND MALPHRUS LUMBER COMPANY	2421	0.19	0.07
MAY-CRAFT FIBERGLASS PRODUCTS, INC.	3732	0.04	0.00

**Table 4.6-5 Summary Of 2017 Emissions For Johnston County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
MEBANE PACKAGING CORPORATION	2752	0.06	0.00
NOVO NORDISK PHARMACEUTICAL	2834	0.03	0.02
PGI NONWOVENS DBA CHICOPEE, INC.	2297	0.06	0.16
RECYCLING INDUSTRIES OF GREENSBORO	5093	0.00	0.13
STRUCTURAL COATINGS, INC.	3479	0.08	0.00
S. T. WOOTEN CORP DRUG STORE ASPHALT PL #7	2951	0.02	0.02
S. T. WOOTEN CORPORATION – MSP	2951	0.01	0.02
TALECRIS BIOTHEREAUPEUTICS, INC	2836	0.16	0.10
TRANSMONTAIGNE PRODUCT SERVICES, INC.	5171	0.16	0.00
VALERO MARKETING AND SUPPLY COMPANY	5171	0.08	0.00
WILLIAMS ENERGY VENTURES, INC.	5171	0.12	0.01
<b>Total County Emissions</b>		<b>3.37</b>	<b>0.89</b>

**Table 4.6-6 Summary Of 2017 Emissions For Orange County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
AKG OF AMERICA INC.	3499	0.09	0.01
ARMACELL LLC	3086	0.20	0.03
GENERAL ELECTRIC COMPANY	3622	0.02	0.02
MEADWESTVACO CONSUMER PACKAGING GROUP	2653	0.09	0.00
UNIV. OF NORTH CAROLINA AT CHAPEL HILL	8221	0.02	1.58
UNIVERSITY OF NORTH CAROLINA HOSPITALS	8062	0.00	0.01
<b>Total County Emissions</b>		<b>0.42</b>	<b>1.65</b>

**Table 4.6-7 Summary Of 2017 Emissions For Person County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
ALSCO METALS CORPORATION	3444	0.06	0.10
COLLINS & AIKMAN CORPORATION	2259	0.01	0.02
COGENTRIX OF NORTH CAROLINA INC.	4911	0.01	1.91
EATON CORPORATION	3714	0.03	0.03
GEORGIA – PACIFIC ROXBORO	2439	0.15	0.11
J. G. HARDISON COMPANY, INC.	5031	0.00	0.05
LOUISIANA – PACIFIC CORP – ROXBORO	2493	0.33	0.59

**Table 4.6-7 Summary Of 2017 Emissions For Person County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
PROGRESS ENERGY – MAYO FACILITY	4911	0.00	5.45
PROGRESS ENERGY – ROXBORO PLANT	4911	0.66	19.06
THE LOXCREEN COMPANY, INC	3354	0.00	0.09
<b>Total County Emissions</b>		<b>1.25</b>	<b>27.41</b>

**Table 4.6-8 Summary Of 2017 Emissions For Wake County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
AJINOMOTO AMINO SCIENCE, LLC	2833	0.00	0.11
AUSTIN QUALITY FOODS, INC.	2052	0.06	0.03
AVX CORPORATION	3629	0.18	0.00
BARNHILL CONTRACTING COMPANY	2951	0.00	0.01
BIOGEN IDEC US LIMITED PARTNERSHIP	2834	0.00	0.04
CARGILL INC – RALEIGH	2075	1.18	0.14
CAROLINA SUNROCK, LLC – RDU DISTRIBUTION	2951	0.03	0.06
CITY OF RALEIGH E M JOHNSON WATER TREATMENT PLANT	4941	0.00	0.02
CITY OF RALEIGH FALLS LAKE PUMP STATION	4952	0.00	0.08
CITY OF RALEIGH NEUSE R WWTP	4953	0.00	0.01
COOPER HAND TOOLS APEX DIVISION	3545	0.06	0.01
DIOSYNTH-RTP, INC.	2836	0.00	0.01
DIXIE PIPELINE CO.	5171	0.07	0.01
DOROTHEA DIX HOSPITAL	8063	0.02	0.06
ELSTER ELECTRICITY	3825	0.02	0.00
FOWLER CONTRACTING – WAKE FOREST PLANT	2951	0.03	0.05
GELDER & ASSOCIATES INCORPORATED	2951	0.01	0.02
GLAXOSMITHKLINE	2834	0.09	0.04
HENRY WURST INC.	2752	0.19	0.00
INTERNATIONAL PAPER – BEVERAGE PACKAGING	2657	0.45	0.01
MALLINCKRODT INC.	2833	0.07	0.17
MANGUM ASPHALT SERVICES	2951	0.02	0.02
MCI – CRYANC	4813	0.00	0.02
METOKOTE CORPORATION, PLANT 23	3479	0.03	0.00
MOTIVA ENTERPRISES LLC	5171	0.14	0.01
NC DOA CENTRAL HEATING PLANT	4961	0.02	0.19
NCDOA ROLLINS ANIMAL D&D LAB	7420	0.00	0.02

**Table 4.6-8 Summary Of 2017 Emissions For Wake County**

<b>PLANT</b>	<b>SIC #</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
NC DOC – CENTRAL PRISON	9223	0.00	0.01
NCSU CENTRAL HEAT PLANT	8221	0.03	0.32
NELLO L TEER COMPANY PLANT #5	2951	0.00	0.03
NOMACO INC.	3086	2.18	0.00
NORTH WAKE COUNTY LANDFILL FACILITY	4953	0.04	0.01
PERGO	2493	0.01	0.00
POTTERS INDUSTRIES	3231	0.01	0.18
PROGRESS ENERGY – HARRIS NUCLEAR PLANT	4911	0.00	0.03
REA CONTRACTING, LLC/083 GARNER	2951	0.02	0.03
REA CONTRACTING, LLC/082 GRESHAM LAKE	2951	0.14	0.02
REA CONTRACTING, LLC/081 WEST RALEIGH	2951	0.02	0.02
REX HEALTHCARE	8062	0.00	0.02
RUSSELL CARROLL CABINET SHOP	2499	0.08	0.00
SMT, INC.	3499	0.00	0.02
THOMPSON CABINET SHOP, INC.	2434	0.01	0.00
TOWN OF CARY – CARY/APEX WATER PLANT	4941	0.00	0.01
TOWN OF CARY – NORTH CARY WATER RECLAMATION FACILITY	4952	0.00	0.03
TOWN OF CARY – SWIFT CREEK PUMP STATION	4959	0.00	0.01
TRANSFLO TERMINAL SERVICES	5171	0.00	0.03
TRIANGLE BRICK CARPENTER PLANT	3251	0.01	0.02
TYCO ELECTRONICS CORPORATION	3083	0.03	0.01
WAKEMED	8062	0.02	0.03
<b>Total County Emissions</b>		<b>5.27</b>	<b>1.97</b>



## 5.0 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 projected 2005 inventory 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. The sections that follow are grouped by the first three digits of the SCC code.

It should be remembered 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 are defined so it may be useful to search the EPA's website for new entries.

### 5.1 EXTERNAL COMBUSTION BOILERS

Table 5.1-1 tabulates the emissions for the SCC codes 1-01-xxx-xx, boilers for electrical generation. The emissions for the SCC codes 1-02-xxx-xx, industrial boilers, are tabulated in Table 5.1-2. The emissions from commercial and institutional boilers, SCC codes 1-03-xxx-xx, are tabulated in Table 5.1-3. These are primarily of interest due to NO<sub>x</sub> emissions.

For the two large utilities located in Person County, the average summer day NO<sub>x</sub> emissions were estimated by using the USEPA's 2005 acid rain database and using the average daily emissions for the second and third quarters, the summer season.

**Table 5.1-1 Summary Of SCC 1-01-xxx-xx Emissions**

	SCC	VOC (tons / day)	NOx (tons / day)
<b><i>Durham County</i></b>			
LITESPEC OPTICAL FIBER L.L.C.			
PROCESS ID: SM	10100501	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.001</b>
SOUTH DURHAM WATER RECLAMATION FACILITY			
PROCESS ID: SM	10100501	0.000	0.001
PROCESS ID: SM	10100602	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.002</b>
<b><i>Person County</i></b>			
COGENTRIX OF NORTH CAROLINA			
PROCESS ID: 4	10100205	0.005	1.441
TOTAL		<b>0.005</b>	<b>1.441</b>
PROGRESS ENERGY – MAYO FACILITY			
PROCESS ID: 1	10100212	0.000	6.326
PROCESS ID: 2	10100501	0.000	0.039
TOTAL		<b>0.000</b>	<b>6.365</b>
PROGRESS ENERGY – ROXBORO PLANT			
PROCESS ID: 1	10100212	0.084	4.960
PROCESS ID: 2	10100501	0.000	0.011
PROCESS ID: 3	10100212	0.129	4.095
PROCESS ID: 4	10100501	0.000	0.018
PROCESS ID: 5	10100212	0.146	8.380
PROCESS ID: 6	10100501	0.000	0.020
PROCESS ID: 7	10100212	0.141	6.378
PROCESS ID: 8	10100501	0.000	0.019
TOTAL		<b>0.500</b>	<b>23.881</b>

**Table 5.1-2 Summary Of SCC 1-02-xxx-xx Emissions**

	SCC	VOC (tons / day)	NOx (tons / day)
<b><i>Triangle Maintenance Area</i></b>			
<b><i>Durham County</i></b>			
CIIT CENTERS FOR HEALTH RESEARCH			
PROCESS ID: 2	10200602	0.000	0.001
PROCESS ID: 3	10200401	0.000	0.014
PROCESS ID: 4	10200603	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.016</b>

**Table 5.1-2 Summary Of SCC 1-02-xxx-xx Emissions**

	SCC	VOC (tons / day)	NOx (tons / day)
<i><b>Durham County(Continued)</b></i>			
DUKE UNIVERSITY			
PROCESS ID: 1	10200204	0.001	0.264
PROCESS ID: 3	10200204	0.001	0.250
PROCESS ID: 5	10200204	0.001	0.195
PROCESS ID: 7	10200501	0.000	0.002
PROCESS ID: 9	10200501	0.000	0.002
PROCESS ID: 11	10200602	0.000	0.018
TOTAL		<b>0.003</b>	<b>0.731</b>
FEDERAL MEDICAL CENTER			
PROCESS ID: SM	10200502	0.000	0.008
TOTAL		<b>0.000</b>	<b>0.008</b>
FREUDENBERG NONWOVENS			
PROCESS ID: B	10200501	0.000	0.001
PROCESS ID: B	10200602	0.006	0.011
TOTAL		<b>0.006</b>	<b>0.012</b>
GLAXOSMITHKLINE			
PROCESS ID: 81	10200602	0.000	0.001
PROCESS ID: 82	10201202	0.001	0.007
PROCESS ID: 83	10200602	0.000	0.004
PROCESS ID: 85	10200602	0.001	0.024
PROCESS ID: 86	10200501	0.000	0.001
PROCESS ID: 87	10200602	0.002	0.038
PROCESS ID: 88	10200501	0.000	0.001
PROCESS ID: 91	10200603	0.000	0.005
PROCESS ID: 95	10200602	0.002	0.004
TOTAL		<b>0.006</b>	<b>0.085</b>
IBM CORPORATION			
PROCESS ID: 1	10200602	0.001	0.016
PROCESS ID: 2	10200502	0.000	0.002
PROCESS ID: 4	10200602	0.000	0.002
TOTAL		<b>0.001</b>	<b>0.020</b>
LIGGETT GROUP INC.			
PROCESS ID: 8	10200602	0.000	0.007
TOTAL		<b>0.000</b>	<b>0.007</b>
NIEHS			
PROCESS ID: 4	10200603	0.000	0.001
PROCESS ID: 5	10200603	0.000	0.000
PROCESS ID: 6	10200603	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.001</b>
NORTH CAROLINA CENTRAL UNIV			
PROCESS ID: SM	10200502	0.000	0.001
PROCESS ID: SM	10200602	0.001	0.027
TOTAL		<b>0.001</b>	<b>0.028</b>

**Table 5.1-2 Summary Of SCC 1-02-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
<b><i>Durham County(Continued)</i></b>			
RALDEN LIMITED PARTNERSHIP			
PROCESS ID: SM	10200602	0.001	0.018
TOTAL		<b>0.001</b>	<b>0.018</b>
RESEARCH TRIANGLE INSTITUTE			
PROCESS ID: 3	10200603	0.001	0.013
TOTAL		<b>0.001</b>	<b>0.013</b>
SPHINX PHARMACEUTICALS			
PROCESS ID: B	10200602	0.000	0.014
TOTAL		<b>0.000</b>	<b>0.014</b>
WECK CLOSURE SYSTEMS INC.			
PROCESS ID: 12	10200602	0.001	0.025
TOTAL		<b>0.001</b>	<b>0.025</b>
<b><i>Franklin County</i></b>			
NOMACO INC.			
PROCESS ID: 6	10200603	0.000	0.002
TOTAL		<b>0.000</b>	<b>0.002</b>
NOVOZYMES OF NORTH AMERICA, INC.			
PROCESS ID: 34	10200602	0.001	0.022
PROCESS ID: 35	10200501	0.000	0.001
PROCESS ID: 36	10200602	0.001	0.019
PROCESS ID: 37	10200501	0.000	0.001
TOTAL		<b>0.002</b>	<b>0.043</b>
S. T. WOOTEN CORPORATIONS – US HWY 1			
PROCESS ID: 5	10200503	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.001</b>
THE HON COMPANY			
PROCESS ID: 2	10201002	0.000	0.004
TOTAL		<b>0.000</b>	<b>0.004</b>
<b><i>Granville County</i></b>			
ALTEC INC.			
PROCESS ID: 7	10200603	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
ATHOL CORPORATION			
PROCESS ID: 4	10200602	0.000	0.002
PROCESS ID: 5	10200602	0.000	0.002
PROCESS ID: 6	10200603	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.005</b>
BANDAG INCORPORATED			
PROCESS ID: 1	10200603	0.000	0.003
PROCESS ID: 2	10200603	0.000	0.004
TOTAL		<b>0.000</b>	<b>0.007</b>

**Table 5.1-2 Summary Of SCC 1-02-xxx-xx Emissions**

	SCC	VOC (tons / day)	NOx (tons / day)
<b><i>Granville County (Continued)</i></b>			
CERTAINTED CORPORATION			
PROCESS ID: 7	10200603	0.000	0.002
PROCESS ID: 13	10200602	0.000	0.006
PROCESS ID: 14	10200401	0.000	0.011
PROCESS ID: 15	10200602	0.000	0.008
PROCESS ID: 16	10200401	0.000	0.023
PROCESS ID: 17	10200603	0.000	0.002
PROCESS ID: 18	10200501	0.000	0.000
PROCESS ID: 19	10200603	0.000	0.000
PROCESS ID: 20	10200501	0.000	0.000
PROCESS ID: 21	10200603	0.000	0.004
TOTAL		<b>0.000</b>	<b>0.056</b>
FEDERAL BUREAU OF PRISONS – FED CORR COM			
PROCESS ID: 7	10200602	0.000	0.011
TOTAL		<b>0.000</b>	<b>0.011</b>
HANES DYE AND FINISHING CO.			
PROCESS ID: 1	10200602	0.000	0.005
PROCESS ID: 2	10200602	0.000	0.005
TOTAL		<b>0.000</b>	<b>0.010</b>
JOHN UMSTEAD HOSPITAL			
PROCESS ID: SM	10200401	0.000	0.003
PROCESS ID: SM	10200601	0.001	0.071
TOTAL		<b>0.001</b>	<b>0.074</b>
TUSCARORA, INC.			
PROCESS ID: 5	10200602	0.000	0.008
TOTAL		<b>0.000</b>	<b>0.008</b>
<b><i>Johnston County</i></b>			
K R EDWARDS LEAF TOBACCO CO.			
PROCESS ID: A	10200401	0.000	0.022
TOTAL		<b>0.000</b>	<b>0.022</b>
PGI NONWOVENS DBA CHICOPEE INC.			
PROCESS ID: 13	10200404	0.000	0.012
PROCESS ID: 14	10200602	0.000	0.002
PROCESS ID: 15	10200404	0.000	0.012
PROCESS ID: 16	10200602	0.000	0.002
PROCESS ID: 17	10200404	0.001	0.034
PROCESS ID: 18	10200602	0.000	0.008
TOTAL		<b>0.001</b>	<b>0.070</b>
TALECRIS BIOTHERAPEUTICS, INC.			
PROCESS ID: 17	10200502	0.000	0.000
PROCESS ID: 18	10200602	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>

**Table 5.1-2 Summary Of SCC 1-02-xxx-xx Emissions**

	SCC	VOC (tons / day)	NOx (tons / day)
<b><i>Orange County</i></b>			
GENERAL ELECTRIC COMPANY			
PROCESS ID: SM	10200602	0.000	0.006
TOTAL		<b>0.000</b>	<b>0.006</b>
MEADWESTVACO CONSUMER PACKAGING GROUP LLC			
PROCESS ID: 3	10200603	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
PROCESS ID: 4	10200218	0.004	0.722
PROCESS ID: 5	10200602	0.000	0.003
PROCESS ID: 7	10200218	0.004	0.760
PROCESS ID: 8	10200601	0.000	0.002
PROCESS ID: 10	10200601	0.001	0.009
TOTAL		<b>0.009</b>	<b>1.496</b>
<b><i>Person County</i></b>			
ALSCO METALS CORPORATION			
PROCESS ID: 4	10200603	0.002	0.027
PROCESS ID: 5	10200603	0.002	0.032
PROCESS ID: 8	10200602	0.000	0.008
PROCESS ID: 14	10200603	0.000	0.002
TOTAL		<b>0.004</b>	<b>0.069</b>
COLLINS & AIKMAN CORPORATION			
PROCESS ID: 13	10200602	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
GEORGIA – PACIFIC ROXBORO			
PROCESS ID: 1	10200908	0.014	0.080
PROCESS ID: 24	10200603	0.000	0.009
TOTAL		<b>0.009</b>	<b>1.496</b>
J. G. HARDISON COMPANY, INC.			
PROCESS ID: 1	10200902	0.001	0.037
TOTAL		<b>0.001</b>	<b>0.037</b>
<b><i>Wake County</i></b>			
AJINOMOTO AMINOSCIENCE, LLC			
PROCESS ID: 17	10200602	0.000	0.008
PROCESS ID: 18	10200602	0.000	0.002
PROCESS ID: 19	10201202	0.000	0.019
PROCESS ID: 20	10201202	0.000	0.036
PROCESS ID: 36	10200602	0.000	0.003
PROCESS ID: 37	10200602	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.068</b>

**Table 5.1-2 Summary Of SCC 1-02-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
<b>Wake County (Continued)</b>			
<b>BIOGEN IDEC US LIMITED PARTNERSHIP</b>			
PROCESS ID: 1	10200602	0.000	0.002
PROCESS ID: 2	10200501	0.000	0.000
PROCESS ID: 3	10200602	0.000	0.003
PROCESS ID: 4	10200501	0.000	0.000
PROCESS ID: 6	10200602	0.000	0.001
PROCESS ID: 7	10200501	0.000	0.001
PROCESS ID: 8	10200602	0.000	0.002
PROCESS ID: 9	10200501	0.000	0.002
PROCESS ID: 14	10200602	0.000	0.000
PROCESS ID: 15	10200602	0.000	0.000
PROCESS ID: 16	10200603	0.000	0.000
<b>TOTAL</b>		<b>0.000</b>	<b>0.011</b>
<b>CARGILL INC. - RALEIGH</b>			
PROCESS ID: 6	10200602	0.002	0.029
PROCESS ID: 7	10200401	0.000	0.021
PROCESS ID: 8	10200602	0.001	0.018
PROCESS ID: 10	10200501	0.000	0.000
PROCESS ID: 11	10200401	0.000	0.033
<b>TOTAL</b>		<b>0.003</b>	<b>0.101</b>
<b>COOPER HAND TOOLS APEX DIVISION</b>			
PROCESS ID: 11	10200603	0.000	0.000
<b>TOTAL</b>		<b>0.000</b>	<b>0.000</b>
<b>PROGRESS ENERGY – HARRIS NUCLEAR PLANT</b>			
PROCESS ID: SM	10200502	0.000	0.002
<b>TOTAL</b>		<b>0.000</b>	<b>0.002</b>
<b>DIOSYNTH - RTP, INC.</b>			
PROCESS ID: 1	10200602	0.000	0.005
PROCESS ID: 5	10200602	0.000	0.003
<b>TOTAL</b>		<b>0.001</b>	<b>0.008</b>
<b>DOROTHEA DIX HOSPITAL</b>			
PROCESS ID: SM	10200601	0.000	0.048
PROCESS ID: SM	10200906	0.015	0.007
<b>TOTAL</b>		<b>0.015</b>	<b>0.055</b>
<b>INTERNATIONAL PAPER – BEVERAGE PACKAGING DIVISION</b>			
PROCESS ID: 1	10200602	0.000	0.004
PROCESS ID: 13	10200603	0.000	0.000
<b>TOTAL</b>		<b>0.000</b>	<b>0.004</b>

**Table 5.1-2 Summary Of SCC 1-02-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
<i>Wake County (Continued)</i>			
MALLINCKRODT INC.			
PROCESS ID: 1	10201301	0.000	0.047
PROCESS ID: 2	10200602	0.000	0.001
PROCESS ID: 3	10201301	0.000	0.014
PROCESS ID: 4	10200602	0.000	0.002
PROCESS ID: 5	10200602	0.000	0.002
PROCESS ID: 6	10200602	0.001	0.022
PROCESS ID: 7	10200501	0.000	0.008
PROCESS ID: 8	10200603	0.000	0.002
PROCESS ID: 9	10200501	0.000	0.007
TOTAL		<b>0.001</b>	<b>0.105</b>
NC DOC – CENTRAL PRISON			
PROCESS ID: SM	10200502	0.000	0.000
PROCESS ID: SM	10200602	0.001	0.010
TOTAL		<b>0.001</b>	<b>0.010</b>
NCSU CENTRAL HEAT PLANT			
PROCESS ID: 9	10200401	0.000	0.000
PROCESS ID: 10	10200601	0.000	0.007
TOTAL		<b>0.000</b>	<b>0.007</b>
SMT, INC.			
PROCESS ID: 1	10200603	0.001	0.011
TOTAL		<b>0.001</b>	<b>0.011</b>
TRANSFLO TERMINAL SERVICES			
PROCESS ID: 1	10200501	0.000	0.000
PROCESS ID: 2	10200602	0.001	0.018
TOTAL		<b>0.001</b>	<b>0.018</b>
TYCO ELECTRONICS CORPORATION			
PROCESS ID: B	10200602	0.000	0.007
TOTAL		<b>0.000</b>	<b>0.007</b>

**Table 5.1-3 Summary Of SCC 1-03-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
<i>Durham County</i>			
DURHAM REGIONAL HOSPITAL			
PROCESS ID: 3	10300602	0.000	0.008
PROCESS ID: 4	10300501	0.001	0.001
TOTAL		<b>0.001</b>	<b>0.009</b>



**Table 5.1-3 Summary Of SCC 1-03-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<b><i>Durham County (Continued)</i></b>			
EISAI INC.			
PROCESS ID: 1	10300602	0.001	0.013
TOTAL		<b>0.001</b>	<b>0.013</b>
GILEAD SCIENCES, INC.			
PROCESS ID: 1	10300603	0.000	0.003
TOTAL		<b>0.000</b>	<b>0.003</b>
GLAXOSMITHKLINE			
PROCESS ID: 80	10301301	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
LITESPEC OPTICAL FIBER L.L.C.			
PROCESS ID: SM	10300501	0.000	0.002
TOTAL		<b>0.000</b>	<b>0.002</b>
NIEHS			
PROCESS ID: 1	10300501	0.004	0.068
PROCESS ID: 2	10300501	0.004	0.001
TOTAL		<b>0.008</b>	<b>0.069</b>
RALDEN LIMITED PARTNERSHIP			
PROCESS ID: SM	10300501	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.001</b>
VETERANS ADMINISTRATION MEDICAL HOSPITAL			
PROCESS ID: 2	10300602	0.001	0.015
TOTAL		<b>0.001</b>	<b>0.015</b>
<b><i>Franklin County</i></b>			
LOUISBURG COLLEGE			
PROCESS ID: 1	10300501	0.000	0.001
PROCESS ID: 2	10300209	0.000	0.015
TOTAL		<b>0.001</b>	<b>0.016</b>
<b><i>Granville County</i></b>			
MURCOCH CENTER			
PROCESS ID: SM	10300401	0.000	0.003
PROCESS ID: SM	10300602	0.000	0.008
TOTAL		<b>0.001</b>	<b>0.011</b>
<b><i>Johnston County</i></b>			
ANDREW CORPORATION NORTH CAROLINA			
PROCESS ID: 18	10300602	0.000	0.004
TOTAL		<b>0.000</b>	<b>0.004</b>
JERRY G WILLIAMS AND SONS, INC.			
PROCESS ID: B	10300903	0.083	0.029
TOTAL		<b>0.083</b>	<b>0.029</b>

**Table 5.1-3 Summary Of SCC 1-03-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<b><i>Johnston County (Continued)</i></b>			
JOHNSTON COUNTY MSW LANDFILL			
PROCESS ID: 1	10300811	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.001</b>
PGI NONWOVENS DBA CHICOPEE, INC.			
PROCESS ID: 27	10300401	0.000	0.010
PROCESS ID: 28	10300401	0.000	0.011
PROCESS ID: 29	10300401	0.000	0.021
TOTAL		<b>0.000</b>	<b>0.042</b>
TALECRIS BIOTHERAPEUTICS, INC.			
PROCESS ID: 1	10300501	0.000	0.002
PROCESS ID: 2	10300602	0.000	0.003
PROCESS ID: 3	10300401	0.000	0.003
PROCESS ID: 4	10300602	0.000	0.003
PROCESS ID: 5	10300401	0.000	0.009
PROCESS ID: 6	10300401	0.000	0.009
PROCESS ID: 7	10300602	0.000	0.006
PROCESS ID: 8	10300602	0.001	0.019
PROCESS ID: 9	10300501	0.000	0.002
TOTAL		<b>0.001</b>	<b>0.056</b>
<b><i>Orange County</i></b>			
AKG OF AMERICA INC.			
PROCESS ID: 2	10300603	0.000	0.001
PROCESS ID: 3	10300603	0.000	0.002
TOTAL		<b>0.000</b>	<b>0.003</b>
UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
PROCESS ID: 11	10300501	0.000	0.002
TOTAL		<b>0.000</b>	<b>0.002</b>
<b><i>Wake County</i></b>			
COOPER HAND TOOLS APEX DIVISION			
PROCESS ID: 1	10300602	0.000	0.009
TOTAL		<b>0.000</b>	<b>0.009</b>
GLAXOSMITHKLINE			
PROCESS ID: 10	10300602	0.001	0.016
PROCESS ID: 17	10300602	0.000	0.006
TOTAL		<b>0.001</b>	<b>0.022</b>
INTERNATIONAL PAPER – BEVERAGE PACKAGING DIVISION			
PROCESS ID: 5	10300603	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.001</b>

**Table 5.1-3 Summary Of SCC 1-03-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i>Wake County (Continued)</i>			
NC DOA CENTRAL HEATING PLANT			
PROCESS ID: 1	10300602	0.015	0.140
PROCESS ID: 3	10300501	0.000	0.003
PROCESS ID: 4	10300602	0.000	0.002
PROCESS ID: 5	10300501	0.000	0.000
TOTAL		<b>0.015</b>	<b>0.145</b>
NCSU CENTRAL HEAT PLANT			
PROCESS ID: 1	10300602	0.002	0.070
PROCESS ID: 2	10300401	0.000	0.076
PROCESS ID: 6	10300601	0.000	0.003
PROCESS ID: 8	10300602	0.000	0.006
PROCESS ID: 11	10300501	0.000	0.000
PROCESS ID: 12	10300602	0.000	0.004
PROCESS ID: 13	10300603	0.001	0.010
PROCESS ID: 15	10300602	0.000	0.000
PROCESS ID: 20	10300602	0.000	0.005
PROCESS ID: 21	10300602	0.000	0.000
PROCESS ID: 22	10300501	0.000	0.000
PROCESS ID: 23	10300602	0.000	0.002
PROCESS ID: 26	10300501	0.000	0.000
PROCESS ID: 27	10300602	0.000	0.002
PROCESS ID: 28	10300602	0.000	0.000
PROCESS ID: 29	10300603	0.000	0.000
PROCESS ID: 30	10300602	0.000	0.002
TOTAL		<b>0.003</b>	<b>0.145</b>
PERGO, INC.			
PROCESS ID: 10	10300603	0.000	0.003
TOTAL		<b>0.000</b>	<b>0.003</b>
REX HEALTHCARE			
PROCESS ID: 1	10300501	0.000	0.002
PROCESS ID: 2	10300602	0.001	0.012
TOTAL		<b>0.001</b>	<b>0.014</b>

**Table 5.1-3 Summary Of SCC 1-03-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<b>Wake County (Continued)</b>			
<b>WAKE MED</b>			
PROCESS ID: 1	10300602	0.000	0.007
PROCESS ID: 2	10300501	0.000	0.000
PROCESS ID: 5	10300602	0.015	0.001
PROCESS ID: 10	10300603	0.000	0.006
PROCESS ID: 11	10300501	0.000	0.000
PROCESS ID: 12	10300603	0.000	0.006
PROCESS ID: 13	10300501	0.000	0.000
PROCESS ID: 14	10300602	0.000	0.004
PROCESS ID: 15	10300501	0.000	0.000
PROCESS ID: 16	10300602	0.000	0.003
PROCESS ID: 17	10300501	0.000	0.000
<b>TOTAL</b>		<b>0.015</b>	<b>0.027</b>
<b>LOUISBURG COLLEGE</b>			
PROCESS ID: 3	10500210	0.000	0.000
<b>TOTAL</b>		<b>0.000</b>	<b>0.000</b>

## 5.2 INTERNAL COMBUSTION ENGINES

Stationary internal combustion (IC) engines can be used on a daily basis or used only for backup power. Fuels can be gasoline, oil or various combustible gases depending on the engine design. Engines may be either turbines or reciprocating. The SCC codes 2-01-xxx-xx represent IC engines for electrical generation. The emissions from these sources are tabulated in Table 5.2-1. Industrial engines are classified in the 2-02-xxx-xx group (summarized in Table 5.2-2) while engines for commercial and institutional use are in the 2-03-xxx-xx group (summarized in Table 5.2-3). The emissions from internal combustion engines for engine testing (SCC group 2-04-xxx-xx) are summarized in Table 5.2-4.

**Table 5.2-1 Summary Of SCC 2-01-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<b>Durham County</b>			
<b>BROWN WATER TREATMENT PLANT</b>			
PROCESS ID: 1	20100102	0.000	0.001
<b>TOTAL</b>		<b>0.000</b>	<b>0.001</b>

**Table 5.2-1 Summary Of SCC 2-01-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<b><i>Durham County (Continued)</i></b>			
<b>EISAI INC</b>			
PROCESS ID: 2	20100102	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
<b>GILEAD SCIENCES, INC.</b>			
PROCESS ID: 2	20100102	0.000	0.003
PROCESS ID: 3	20100102	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.004</b>
<b>IBM CORPORATION</b>			
PROCESS ID: 5	20100107	0.000	0.016
PROCESS ID: 6	20100107	0.000	0.005
PROCESS ID: 7	20100107	0.000	0.010
PROCESS ID: 8	20100107	0.000	0.002
PROCESS ID: 9	20100107	0.000	0.004
PROCESS ID: 20	20100102	0.000	0.004
PROCESS ID: 21	20100102	0.000	0.002
PROCESS ID: 22	20100102	0.000	0.002
PROCESS ID: 24	20100102	0.000	0.001
PROCESS ID: 25	20100102	0.000	0.001
PROCESS ID: 26	20100102	0.000	0.001
PROCESS ID: 27	20100102	0.000	0.000
PROCESS ID: 28	20100102	0.000	0.001
PROCESS ID: 29	20100102	0.000	0.001
PROCESS ID: 30	20100102	0.000	0.001
PROCESS ID: 31	20100102	0.000	0.004
PROCESS ID: 32	20100102	0.000	0.000
PROCESS ID: 33	20100102	0.000	0.002
PROCESS ID: 34	20100102	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.057</b>
<b>ICORIA, INC.</b>			
PROCESS ID: 1	20100102	0.000	0.012
TOTAL		<b>0.000</b>	<b>0.012</b>
<b>NIEHS</b>			
PROCESS ID: 3	20100102	0.000	0.016
TOTAL		<b>0.000</b>	<b>0.016</b>
<b>VETERANS ADMINISTRATION MEDICAL HOSPITAL</b>			
PROCESS ID: 3	20100102	0.000	0.004
PROCESS ID: 4	20100102	0.000	0.010
TOTAL		<b>0.000</b>	<b>0.014</b>
<b>WILLIAMS WATER TREATMENT PLANT</b>			
PROCESS ID: 3	20100102	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>

**Table 5.2-1 Summary Of SCC 2-01-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<b><i>Franklin County</i></b>			
CAROLINA TELEPHONE & TELEGRAPH D/B/A SPRINT			
PROCESS ID: 1	20100102	0.000	0.017
TOTAL		<b>0.000</b>	<b>0.017</b>
HB MELLOTT ESTATE INC FRANKLIN PLANT			
PROCESS ID: 5	20100102	0.001	0.024
TOTAL		<b>0.001</b>	<b>0.024</b>
<b><i>Granville County</i></b>			
NEWTON INSTRUMENT COMPANY INC.			
PROCESS ID: B	20100102	0.168	0.000
TOTAL		<b>0.168</b>	<b>0.000</b>
<b><i>Orange County</i></b>			
UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
PROCESS ID: 33	20100102	0.000	0.000
PROCESS ID: 36	20100102	0.000	0.000
PROCESS ID: 38	20100102	0.000	0.000
PROCESS ID: 55	20100102	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.001</b>
<b><i>Person County</i></b>			
EATON CORPORATION			
PROCESS ID: B	20100202	0.000	0.012
TOTAL		<b>0.000</b>	<b>0.012</b>
LOUISIANA-PACIFIC CORP - ROXBORO			
PROCESS ID: 20	20100102	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.001</b>
PROGRESS ENERGY – ROXBORO PLANT			
PROCESS ID: 9	20100101	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.001</b>
<b><i>Wake County</i></b>			
BIOGEN IDEC US LIMITED PARTNERSHIP			
PROCESS ID: 5	20100102	0.000	0.001
PROCESS ID: 10	20100102	0.000	0.002
PROCESS ID: 11	20100102	0.000	0.002
PROCESS ID: 12	20100102	0.000	0.003
PROCESS ID: 13	20100102	0.000	0.002
TOTAL		<b>0.000</b>	<b>0.010</b>
CITY OF RALEIGH EM JOHNSON WATER TREATMENT PLANT			
PROCESS ID: 1	20100102	0.000	0.013
TOTAL		<b>0.000</b>	<b>0.013</b>

**Table 5.2-1 Summary Of SCC 2-01-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i>Wake County (Continued)</i>			
CITY OF RALEIGH FALLS LAKE PUMP STATION			
PROCESS ID: B	20100102	0.000	0.061
TOTAL		<b>0.000</b>	<b>0.061</b>
CITY OF RALEIGH NEUSE R WWTP			
PROCESS ID: B	20100102	0.000	0.012
TOTAL		<b>0.000</b>	<b>0.012</b>
DOROTHEA DIX HOSPITAL			
PROCESS ID: SM	20100102	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.001</b>
GLAXOSMITHKLINE			
PROCESS ID: 7	20100102	0.000	0.001
PROCESS ID: 11	20100102	0.000	0.002
TOTAL		<b>0.000</b>	<b>0.003</b>
MCI - CRYANC			
PROCESS ID: 1	20100102	0.000	0.005
PROCESS ID: 2	20100102	0.000	0.006
TOTAL		<b>0.000</b>	<b>0.011</b>
NC DOA CENTRAL HEATING PLANT			
PROCESS ID: 2	20100102	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.001</b>
NCSU CENTRAL HEAT PLANT			
PROCESS ID: 5	20100107	0.001	0.007
PROCESS ID: 24	20100202	0.001	0.004
PROCESS ID: 25	20100102	0.001	0.011
TOTAL		<b>0.003</b>	<b>0.022</b>
REX HEALTHCARE			
PROCESS ID: 3	20100102	0.000	0.004
TOTAL		<b>0.000</b>	<b>0.004</b>
TOWN OF CARY – CARY/APEX WATER PLANT			
PROCESS ID: 1	20100102	0.000	0.006
PROCESS ID: 2	20100102	0.000	0.002
TOTAL		<b>0.000</b>	<b>0.008</b>
TOWN OF CARY – NORTH CARY WATER RECLAMATION FACILITY			
PROCESS ID: 7	20100102	0.000	0.010
PROCESS ID: 14	20100102	0.000	0.009
PROCESS ID: 15	20100102	0.000	0.002
TOTAL		<b>0.003</b>	<b>0.021</b>
TOWN OF CARY – SWIFT CREEK PUMP STATION			
PROCESS ID: 3	20100107	0.000	0.003
PROCESS ID: 4	20100107	0.000	0.003
TOTAL		<b>0.000</b>	<b>0.006</b>

**Table 5.2-1 Summary Of SCC 2-01-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i>Wake County (Continued)</i>			
WAKE MED			
PROCESS ID: 3	20100107	0.000	0.000
PROCESS ID: 7	20100107	0.000	0.000
PROCESS ID: 8	20100107	0.000	0.001
PROCESS ID: 9	20100107	0.000	0.002
PROCESS ID: 18	20100107	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.004</b>

**Table 5.2-2 Summary Of SCC 2-02-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i>Durham County</i>			
BECTON DICKINSON LABWARE			
PROCESS ID: 5	20200102	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.001</b>
BROWN WATER TREATMENT PLANT			
PROCESS ID: 2	20200102	0.000	0.006
TOTAL		<b>0.000</b>	<b>0.006</b>
CIIT CENTERS FOR HEALTH RESEARCH			
PROCESS ID: 1	20200401	0.000	0.009
PROCESS ID: 6	20200401	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.010</b>
GLAXOSMITHKLINE			
PROCESS ID: 90	20200401	0.000	0.001
PROCESS ID: 93	20200401	0.000	0.001
PROCESS ID: 94	20200102	0.000	0.000
PROCESS ID: 96	20200401	0.000	0.005
TOTAL		<b>0.000</b>	<b>0.007</b>
NORTEL NETWORKS INC. RTP			
PROCESS ID: 1	20200401	0.001	0.021
PROCESS ID: 2	20200401	0.000	0.002
PROCESS ID: 3	20200401	0.000	0.004
TOTAL		<b>0.001</b>	<b>0.027</b>
RALDEN LIMITED PARTNERSHIP			
PROCESS ID: SM	20200102	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.001</b>
RESEARCH TRIANGLE INSTITUTE			
PROCESS ID: 2	20200401	0.000	0.001
PROCESS ID: 4	20200401	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.001</b>



**Table 5.2-2 Summary Of SCC 2-02-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i><b>Durham County (Continued)</b></i>			
WILLIAMS WATER TREATMENT PLANT			
PROCESS ID: 3	20200202	0.000	0.007
TOTAL		<b>0.000</b>	<b>0.007</b>
<i><b>Franklin County</b></i>			
S T WOOTEN CORPORATION – US HWY 1			
PROCESS ID: 2	20200401	0.000	0.028
TOTAL		<b>0.000</b>	<b>0.028</b>
<i><b>Johnston County</b></i>			
RECYCLING INDUSTRIES OF GREENSBORO			
PROCESS ID: SM	20200254	0.000	0.088
<i><b>Orange County</b></i>			
UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
PROCESS ID: 18	20200101	0.000	0.000
PROCESS ID: 19	20200101	0.000	0.000
PROCESS ID: 20	20200101	0.000	0.000
PROCESS ID: 21	20200101	0.000	0.001
PROCESS ID: 22	20200101	0.000	0.000
PROCESS ID: 23	20200101	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.002</b>
<i><b>Person County</b></i>			
COGENTRIX OF NORTH CAROLINA INC.			
PROCESS ID: 6	20200401	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
PROGRESS ENERGY – MAYO FACILITY			
PROCESS ID: 8	20200102	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
<i><b>Wake County</b></i>			
DIOSYNTH – RTP, INC.			
PROCESS ID: 3	20200102	0.000	0.001
PROCESS ID: 4	20200102	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.002</b>
DIXIE PIPELINE CO.			
PROCESS ID: B	20200102	0.003	0.009
TOTAL		<b>0.003</b>	<b>0.009</b>

**Table 5.2-2 Summary Of SCC 2-02-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i>Wake County (Continued)</i>			
MALLINCKRODT INC.			
PROCESS ID: 39	20200102	0.000	0.000
PROCESS ID: 40	20200401	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
NOMACO INC.			
PROCESS ID: 8	20200102	0.000	0.000
PROCESS ID: 12	20201001	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
NORTH WAKE COUNTY LANDFILL FACILITY			
PROCESS ID: 2	20200102	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>

**Table 5.2-3 Summary Of SCC 2-03-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i>Durham County</i>			
DUKE UNIVERSITY			
PROCESS ID: 16	20300101	0.002	0.070
PROCESS ID: 35	20300101	0.000	0.002
PROCESS ID: 36	20300101	0.000	0.004
TOTAL		<b>0.002</b>	<b>0.076</b>
DURHAM REGIONAL HOSPITAL			
PROCESS ID: 2	20300101	0.000	0.004
TOTAL		<b>0.000</b>	<b>0.004</b>
NORTH DURHAM WATER RECLAMATION FACILITY			
PROCESS ID: 3	20300101	0.000	0.000
PROCESS ID: 4	20300201	0.001	0.033
PROCESS ID: 7	20300101	0.000	0.000
TOTAL		<b>0.001</b>	<b>0.033</b>
SOUTH DURHAM WATER RECLAMATION FACILITY			
PROCESS ID: SM	20300702	0.013	0.317
TOTAL		<b>0.013</b>	<b>0.317</b>

**Table 5.2-3 Summary Of SCC 2-03-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i><b>Orange County</b></i>			
UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
PROCESS ID: 47	20300101	0.000	0.000
PROCESS ID: 48	20300201	0.000	0.000
PROCESS ID: 60	20300101	0.000	0.000
PROCESS ID: 61	20300101	0.000	0.000
PROCESS ID: 62	20300101	0.000	0.000
PROCESS ID: 63	20301001	0.000	0.003
PROCESS ID: 64	20301001	0.000	0.000
PROCESS ID: 65	20300201	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.003</b>
UNIVERSITY OF NORTH CAROLINA HOSPITALS			
PROCESS ID: 1	20300101	0.000	0.001
PROCESS ID: 2	20300101	0.000	0.001
PROCESS ID: 3	20300101	0.000	0.002
PROCESS ID: 4	20300101	0.000	0.001
PROCESS ID: 5	20300101	0.000	0.001
PROCESS ID: 6	20300101	0.000	0.001
PROCESS ID: 7	20300101	0.000	0.001
PROCESS ID: 8	20300101	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.009</b>
<i><b>Wake County</b></i>			
AUSTIN QUALITY FOODS, INC.			
PROCESS ID: 3	20300101	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
PROGRESS ENERGY – HARRIS NUCLEAR PLANT			
PROCESS ID: SM	20300107	0.001	0.024
TOTAL		<b>0.001</b>	<b>0.024</b>
NCSU CENTRAL HEAT PLANT			
PROCESS ID: 4	20300201	0.011	0.034
TOTAL		<b>0.011</b>	<b>0.034</b>
WAKE MED			
PROCESS ID: 6	20300101	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>

### 5.3 INDUSTRIAL PROCESSES

There are a large number of SCC under the heading of industrial processes. Many of these are of most significance for VOC but some do emit NO<sub>x</sub>. Codes 3-01-xxx-xx are chemical manufacturing. Codes 3-02-xxx-xx are for processes particular to food and agriculture. Codes 3-

04-xxx-xx pertain to secondary metal production. Mineral products processes are in SCC 3-05-xxx-xx and pulp and paper and wood products are in 3-07-xxx-xx. Codes 3-08-xxx-xx pertain to rubber and miscellaneous plastics products. Fabricated metal products are 3-09-xxx-xx. 3-12-xxx-xx is miscellaneous machinery. Electrical equipment manufacturing falls under code 3-13-xxx-xx. Transportation equipment is under 3-14-xxx-xx. Processes for textile products are found under 3-30-xxx-xx. In-process fuel use can result in significant NOx emissions and is in category 3-90-xxx-xx. Miscellaneous manufacturing industries are in group 3-99-xxx-xx.

**Table 5.3-1 Summary Of SCC 3-01-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
<b><i>Durham County</i></b>			
EISAI INC.			
PROCESS ID: 3	30106009	0.089	0.000
PROCESS ID: 4	30106011	0.197	0.000
PROCESS ID: 5	30106011	0.000	0.000
PROCESS ID: 10	30106011	0.197	0.000
PROCESS ID: 11	30106009	0.005	0.000
PROCESS ID: 12	30106009	0.005	0.000
TOTAL		<b>0.493</b>	<b>0.000</b>
<b><i>Franklin County</i></b>			
NOMACO INC.			
PROCESS ID: 2	30101863	0.724	0.000
PROCESS ID: 10	30101866	0.020	0.000
TOTAL		<b>0.744</b>	<b>0.000</b>
<b><i>Granville County</i></b>			
ATHOL CORPORATION			
PROCESS ID: 13	30101805	0.005	0.000
TOTAL		<b>0.005</b>	<b>0.000</b>
<b><i>Johnston County</i></b>			
ANDREW CORPORATION NORTH CAROLINA			
PROCESS ID: 4	30199999	0.013	0.000
PROCESS ID: 5	30190003	0.000	0.002
TOTAL		<b>0.013</b>	<b>0.002</b>
NOVO NORDISK PHARMACEUTICAL			
PROCESS ID: B	30106099	0.021	0.011
TOTAL		<b>0.021</b>	<b>0.011</b>

**Table 5.3-1 Summary Of SCC 3-01-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i><b>Johnston County (Continued)</b></i>			
TALECRIS BIOTHERAPEUTICS, INC.			
PROCESS ID: 11	30188805	0.070	0.000
PROCESS ID: 12	30199999	0.025	0.000
TOTAL		<b>0.095</b>	<b>0.000</b>
<i><b>Wake County</b></i>			
GLAXOSMITHKLINE			
PROCESS ID: 6	30106011	0.012	0.000
PROCESS ID: 12	30106012	0.037	0.000
PROCESS ID: 15	30106099	0.002	0.000
PROCESS ID: 19	30106099	0.002	0.000
TOTAL		<b>0.053</b>	<b>0.000</b>
MALLINCKRODT INC.			
PROCESS ID: 11	30199998	0.012	0.000
PROCESS ID: 15	30199998	0.000	0.000
PROCESS ID: 16	30199998	0.006	0.000
PROCESS ID: 17	30199999	0.015	0.000
PROCESS ID: 18	30199999	0.001	0.000
PROCESS ID: 19	30199999	0.000	0.000
PROCESS ID: 34	30107002	0.001	0.000
TOTAL		<b>0.035</b>	<b>0.000</b>
NOMACO INC.			
PROCESS ID: 7	30101863	0.008	0.000
PROCESS ID: 11	30101814	1.452	0.000
TOTAL		<b>1.460</b>	<b>0.000</b>

**Table 5.3-2 Summary Of SCC 3-02-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i><b>Johnston County</b></i>			
ATLANTIC COAST PROTEIN CORPORATION			
PROCESS ID: SM	30203811	0.000	0.008
TOTAL		<b>0.000</b>	<b>0.008</b>
K R EDWARDS LEAF TOBACCO CO.			
PROCESS ID: A	30203399	0.017	0.000
TOTAL		<b>0.017</b>	<b>0.000</b>

**Table 5.3-2 Summary Of SCC 3-02-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i>Wake County</i>			
AUSTIN QUALITY FOODS, INC.			
PROCESS ID: 1	30203201	0.001	0.014
PROCESS ID: 2	30203201	0.051	0.010
TOTAL		<b>0.052</b>	<b>0.024</b>
CARGILL INC. - RALEIGH			
PROCESS ID: 3	30201999	0.364	0.000
PROCESS ID: 5	30200605	0.001	0.012
PROCESS ID: 9	30299999	0.594	0.000
TOTAL		<b>0.959</b>	<b>0.012</b>

**Table 5.3-3 Summary Of SCC 3-04-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i>Durham County</i>			
SCM METAL PRODUCTS, INC.			
PROCESS ID: 3	30400299	0.000	0.000
PROCESS ID: 30	30400033	0.001	0.010
TOTAL		<b>0.001</b>	<b>0.010</b>

**Table 5.3-4 Summary Of SCC 3-05xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i>Chatham County</i>			
S T WOOTEN – PITTSBORO ASPHALT PLANT			
PROCESS ID: SM	30500230	0.001	0.018
TOTAL		<b>0.001</b>	<b>0.018</b>
<i>Durham County</i>			
CAROLINA SUNROCK CORPORATION			
PROCESS ID: 1	30500213	0.004	0.000
PROCESS ID: 3	30500252	0.010	0.034
PROCESS ID: 10	30500208	0.000	0.002
PROCESS ID: 11	30500213	0.001	0.000
TOTAL		<b>0.015</b>	<b>0.036</b>

**Table 5.3-4 Summary Of SCC 3-05xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<b><i>Franklin County</i></b>			
S T WOOTEN CORPORATION – US HWY 1			
PROCESS ID: 1	30500213	0.000	0.000
PROCESS ID: 4	30500260	0.001	0.001
TOTAL		<b>0.001</b>	<b>0.001</b>
<b><i>Granville County</i></b>			
CERTAINTIED CORPORATION			
PROCESS ID: 1	30505010	0.073	0.011
PROCESS ID: 9	30500198	0.000	0.001
PROCESS ID: 23	30500131	0.002	0.000
PROCESS ID: 26	30500105	0.005	0.000
PROCESS ID: 28	30500105	0.003	0.000
PROCESS ID: 30	30500153	0.003	0.000
PROCESS ID: 31	30500153	0.001	0.000
PROCESS ID: 32	30500198	0.000	0.001
TOTAL		<b>0.087</b>	<b>0.013</b>
REA CONTRACTING, LLC/086 BUTNER			
PROCESS ID: 2	30500230	0.001	0.000
PROCESS ID: 3	30500252	0.002	0.023
TOTAL		<b>0.003</b>	<b>0.023</b>
<b><i>Johnston County</i></b>			
APAC – ATLANTIC INC. – COASTAL CAROLINA DIVISION			
PROCESS ID: 3	30500258	0.009	0.016
PROCESS ID: 4	30500214	0.005	0.000
PROCESS ID: 6	30500208	0.000	0.004
TOTAL		<b>0.014</b>	<b>0.020</b>
S. T. WOOTEN CORPORATION - MSP			
PROCESS ID: 1	30500241	0.009	0.011
TOTAL		<b>0.009</b>	<b>0.011</b>
S. T. WOOTEN CORPORATION DRUG STORE ASPHALT PLANT #7			
PROCESS ID: 1	30500258	0.012	0.016
TOTAL		<b>0.012</b>	<b>0.016</b>
<b><i>Wake County</i></b>			
BARNHILL CONTRACTING COMPANY			
PROCESS ID: 1	30500240	0.004	0.007
TOTAL		<b>0.004</b>	<b>0.007</b>
CAROLINA SUNROCK, LLC – RDU DISTRIBUTION CENTER			
PROCESS ID: 2	30500213	0.005	0.000
PROCESS ID: 8	30500252	0.011	0.038
PROCESS ID: 10	30500208	0.000	0.002
TOTAL		<b>0.016</b>	<b>0.040</b>

**Table 5.3-4 Summary Of SCC 3-05xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<b>Wake County (Continued)</b>			
<b>FOWLER CONTRACTING – WAKE FOREST PLANT</b>			
PROCESS ID: 1	30500252	0.000	0.003
PROCESS ID: 2	30500252	0.008	0.027
PROCESS ID: 3	30500213	0.004	0.000
PROCESS ID: 4	30500208	0.000	0.003
TOTAL		<b>0.012</b>	<b>0.033</b>
<b>GELDER &amp; ASSOCIATES INCORPORATED</b>			
PROCESS ID: SM	30500205	0.006	0.015
TOTAL		<b>0.006</b>	<b>0.015</b>
<b>MANGUM ASPHALT SERVICES</b>			
PROCESS ID: B	30500299	0.013	0.013
TOTAL		<b>0.013</b>	<b>0.013</b>
<b>NELLO L TEER COMPANY #5</b>			
PROCESS ID: SM	30500230	0.001	0.017
TOTAL		<b>0.001</b>	<b>0.017</b>
<b>POTTERS INDUSTRIES</b>			
PROCESS ID: 11	30501410	0.000	0.003
PROCESS ID: 13	30501410	0.000	0.000
PROCESS ID: 14	30501408	0.000	0.076
PROCESS ID: 20	30501410	0.000	0.000
PROCESS ID: 21	30501408	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.079</b>
<b>REA CONTRACTING, LLC/081 WEST RALEIGH</b>			
PROCESS ID: 1	30500255	0.009	0.008
PROCESS ID: 2	30500214	0.005	0.000
PROCESS ID: 4	30500208	0.000	0.006
TOTAL		<b>0.014</b>	<b>0.014</b>
<b>REA CONTRACTING, LLC/082 GRESHAM LAKE</b>			
PROCESS ID: 1	30500240	0.006	0.012
TOTAL		<b>0.006</b>	<b>0.012</b>
<b>REA CONTRACTING, LLC/083 GARNER</b>			
PROCESS ID: 1	30500259	0.009	0.015
PROCESS ID: 14	30500213	0.004	0.000
PROCESS ID: 15	30500208	0.000	0.004
TOTAL		<b>0.013</b>	<b>0.019</b>
<b>TRIANGLE BRICK CARPENTER PLANT</b>			
PROCESS ID: 3	30500330	0.005	0.010
PROCESS ID: 4	30500370	0.001	0.005
TOTAL		<b>0.006</b>	<b>0.015</b>



**Table 5.3-5 Summary Of SCC 3-07xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<b><i>Franklin County</i></b>			
FRANKLIN VENEERS INC.			
PROCESS ID: B	30704002	0.005	0.013
TOTAL		<b>0.005</b>	<b>0.013</b>
TONEY LUMBER INC.			
PROCESS ID: B	30703098	0.089	0.005
TOTAL		<b>0.089</b>	<b>0.005</b>
<b><i>Granville County</i></b>			
GEORGIA – PACIFIC CORPORATION CHIP-N-SAW PLANT			
PROCESS ID: 1	30700898	0.380	0.034
TOTAL		<b>0.380</b>	<b>0.034</b>
<b><i>Johnston County</i></b>			
KEENER LUMBER COMPANY INC.			
PROCESS ID: 2	30700898	0.150	0.000
TOTAL		<b>0.150</b>	<b>0.000</b>
LAMPE AND MALPHRUS LUMBER COMPANY			
PROCESS ID: 3	30700898	0.140	0.000
TOTAL		<b>0.140</b>	<b>0.000</b>
<b><i>Person County</i></b>			
GEORGIA – PACIFIC ROXBORO			
PROCESS ID: 5	30700734	0.020	0.000
PROCESS ID: 19	30700781	0.025	0.000
PROCESS ID: 29	30700781	0.018	0.000
PROCESS ID: 30	30700781	0.028	0.000
TOTAL		<b>0.091</b>	<b>0.000</b>
J. G. HARDISON COMPANY, INC.			
PROCESS ID: 3	30700898	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
LOUISIANA – PACIFIC CORP. - ROXBORO			
PROCESS ID: 2	30700822	0.086	0.000
PROCESS ID: 7	30700803	0.000	0.000
PROCESS ID: 55	30701010	0.037	0.410
PROCESS ID: 57	30700803	0.022	0.000
PROCESS ID: 58	30700803	0.018	0.000
PROCESS ID: 59	30700803	0.005	0.000
PROCESS ID: 60	30700803	0.062	0.000
PROCESS ID: 63	30701053	0.003	0.039
PROCESS ID: 64	30701010	0.000	0.004
PROCESS ID: 70	30700803	0.021	0.000
TOTAL		<b>0.254</b>	<b>0.453</b>

**Table 5.3-5 Summary Of SCC 3-07xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i><b>Wake County</b></i>			
INTERNATIONAL PAPER – BEVERAGE PACKAGING DIV.			
PROCESS ID: 3	30701199	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.001</b>
PERGO, INC.			
PROCESS ID: 1	30702021	0.000	0.000
PROCESS ID: 9	30702099	0.011	0.000
TOTAL		<b>0.140</b>	<b>0.000</b>

**Table 5.3-6 Summary Of SCC 3-08xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i><b>Granville County</b></i>			
ALTEC INDUSTRIES			
PROCESS ID: 3	30800703	0.032	0.000
TOTAL		<b>0.032</b>	<b>0.000</b>
BANDAG INCORPORATED			
PROCESS ID: 11	30800128	0.002	0.000
PROCESS ID: 21	30800128	0.037	0.000
PROCESS ID: 22	30800199	0.047	0.000
PROCESS ID: 23	30800113	0.001	0.000
PROCESS ID: 24	30800115	0.004	0.000
TOTAL		<b>0.091</b>	<b>0.000</b>
TUSCARORA INC.			
PROCESS ID: 4	30800803	0.083	0.000
PROCESS ID: 17	30800802	0.025	0.000
PROCESS ID: 18	30800801	0.063	0.000
PROCESS ID: 19	30800803	0.044	0.000
TOTAL		<b>0.215</b>	<b>0.000</b>
<i><b>Orange County</b></i>			
ARMACELL LLC			
PROCESS ID: B	30899999	0.134	0.022
TOTAL		<b>0.134</b>	<b>0.022</b>

**Table 5.3-7 Summary Of SCC 3-09-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i><b>Durham County</b></i>			
WECK CLOSURE SYSTEMS INC.			
PROCESS ID: 4	30900198	0.000	0.000
PROCESS ID: 13	30901097	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
<i><b>Orange County</b></i>			
GENERAL ELECTRIC COMPANY			
PROCESS ID: SM	30901097	0.000	0.002
TOTAL		<b>0.001</b>	<b>0.002</b>
<i><b>Person County</b></i>			
THE LOXCREE COMPANY INC.			
PROCESS ID: B	30900199	0.001	0.063
TOTAL		<b>0.001</b>	<b>0.063</b>

**Table 5.3-8 Summary Of SCC 3-12-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i><b>Durham County</b></i>			
BROWN WATER TREATMENT PLANT			
PROCESS ID: 3	31299999	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
<i><b>Johnston County</b></i>			
TRANSMONTAIGNE PRODUCT SERVICES, INC. – SELMA TERMINAL			
PROCESS ID: 4	31299999	0.047	0.000
TOTAL		<b>0.047</b>	<b>0.000</b>
<i><b>Orange County</b></i>			
UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
PROCESS ID: 24	31299999	0.003	0.000
TOTAL		<b>0.003</b>	<b>0.000</b>

**Table 5.3-9 Summary Of SCC 3-13-xxx-xx Emissions**

	SCC	VOC (tons / day)	NO <sub>x</sub> (tons / day)
<i><b>Durham County</b></i>			
TECSTAR ELECTRO SYSTEMS DIVISION			
PROCESS ID: B	31303061	0.012	0.000
TOTAL		<b>0.012</b>	<b>0.000</b>
<i><b>Wake County</b></i>			
AVX CORPORATION			
PROCESS ID: B	31399999	0.100	0.000
TOTAL		<b>0.100</b>	<b>0.000</b>

**Table 5.3-10 Summary Of SCC 3-14-xxx-xx Emissions**

	SCC	VOC (tons / day)	NO <sub>x</sub> (tons / day)
<i><b>Johnston County</b></i>			
MAY-CRAFT FIBERGLASS PRODUCTS INC.			
PROCESS ID: 1	31401515	0.019	0.000
PROCESS ID: 2	31401512	0.013	0.000
PROCESS ID: 3	31401551	0.001	0.000
TOTAL		<b>0.033</b>	<b>0.000</b>

**Table 5.3-11 Summary Of SCC 3-30-xxx-xx Emissions**

	SCC	VOC (tons / day)	NO <sub>x</sub> (tons / day)
<i><b>Granville County</b></i>			
HANES DYE AND FINISHING CO.			
PROCESS ID: 4	33000104	0.001	0.002
PROCESS ID: 5	33000104	0.015	0.004
PROCESS ID: 6	33000198	0.018	0.000
PROCESS ID: 7	33000104	0.001	0.002
TOTAL		<b>0.035</b>	<b>0.008</b>
<i><b>Johnston County</b></i>			
PGI NONWOVENS DBA CHICOPEE INC.			
PROCESS ID: 1	33000106	0.011	0.000
PROCESS ID: 4	33000199	0.005	0.000
PROCESS ID: 6	33000198	0.011	0.000
PROCESS ID: 20	33000199	0.000	0.004
TOTAL		<b>0.027</b>	<b>0.004</b>

**Table 5.3-11 Summary Of SCC 3-30-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i>Person County</i>			
COLLINS & AIKMAN CORPORATION			
PROCESS ID: 1	33000198	0.000	0.000
PROCESS ID: 2	33000198	0.000	0.001
PROCESS ID: 4	33000198	0.002	0.002
PROCESS ID: 5	33000198	0.001	0.001
PROCESS ID: 6	33000198	0.000	0.001
PROCESS ID: 7	33000198	0.000	0.001
PROCESS ID: 11	33000198	0.000	0.002
PROCESS ID: 12	33000198	0.001	0.002
PROCESS ID: 17	33000198	0.000	0.001
PROCESS ID: 19	33000198	0.002	0.002
<b>TOTAL</b>		<b>0.006</b>	<b>0.013</b>

**Table 5.3-12 Summary Of SCC 3-90-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i>Durham County</i>			
DUKE UNIVERSITY			
PROCESS ID: 15	39090003	0.000	0.000
<b>TOTAL</b>		<b>0.000</b>	<b>0.000</b>
<i>Granville County</i>			
IDEAL FASTENER CORPORATION			
PROCESS ID: 4	39000699	0.000	0.003
<b>TOTAL</b>		<b>0.000</b>	<b>0.003</b>
<i>Johnston County</i>			
CONESTOGA WOOD SPECIALTIES CORPORATION			
PROCESS ID: 3	39000602	0.000	0.001
<b>TOTAL</b>		<b>0.000</b>	<b>0.001</b>
KEENER LUMBER COMPANY INC.			
PROCESS ID: 3	39000999	0.003	0.046
<b>TOTAL</b>		<b>0.003</b>	<b>0.046</b>
LAMPE AND MALPHRUS LUMBER COMPANY			
PROCESS ID: 1	39000999	0.001	0.024
PROCESS ID: 2	39000999	0.001	0.024
<b>TOTAL</b>		<b>0.002</b>	<b>0.048</b>
PGI NONWOVENS DBA CHICOPEE INC.			
PROCESS ID: 7	39000699	0.000	0.004
PROCESS ID: 9	39000699	0.012	0.000
<b>TOTAL</b>		<b>0.012</b>	<b>0.004</b>

**Table 5.3-12 Summary Of SCC 3-90-xxx-xx Emissions**

	SCC	VOC (tons / day)	NO <sub>x</sub> (tons / day)
<i>Johnston County (Continued)</i>			
TRANSMONTAIGNE PRODUCT SERVICES, INC. – SELMA TERMINAL			
PROCESS ID: 1	39091012	0.060	0.000
PROCESS ID: 3	39090004	0.005	0.000
TOTAL		<b>0.065</b>	<b>0.000</b>
<i>Orange County</i>			
AKG OF AMERICA INC.			
PROCESS ID: 4	39000699	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.001</b>
GENERAL ELECTRIC COMPANY			
PROCESS ID: SM	39000689	0.000	0.003
TOTAL		<b>0.000</b>	<b>0.003</b>
UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
PROCESS ID: 28	39090006	0.000	0.000
PROCESS ID: 29	39090004	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
<i>Person County</i>			
COGENTRIX OF NORTH CAROLINA INC.			
PROCESS ID: 7	39090011	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
<i>Wake County</i>			
POTTERS INDUSTRIES			
PROCESS ID: 16	39000699	0.002	0.011
PROCESS ID: 17	39000699	0.002	0.011
PROCESS ID: 18	39000699	0.002	0.011
PROCESS ID: 19	39000699	0.002	0.011
TOTAL		<b>0.008</b>	<b>0.044</b>

**Table 5.3-13 Summary Of SCC 3-99-xxx-xx Emissions**

	SCC	VOC (tons / day)	NO <sub>x</sub> (tons / day)
<i>Durham County</i>			
GLAXOSMITHKLINE			
PROCESS ID: 76	39999994	0.011	0.000
PROCESS ID: 84	39999994	0.008	0.000
TOTAL		<b>0.019</b>	<b>0.000</b>

**Table 5.3-13 Summary Of SCC 3-99-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
<b><i>Durham County (Continued)</i></b>			
<b>LIGGETT GROUP INC.</b>			
PROCESS ID: 1	39999994	0.059	0.000
PROCESS ID: 2	39999994	0.145	0.000
PROCESS ID: 7	39999994	0.000	0.000
<b>TOTAL</b>		<b>0.204</b>	<b>0.000</b>
<b>LITESPEC OPTICAL FIBER L.L.C.</b>			
PROCESS ID: SM	39999994	0.000	0.000
PROCESS ID: SM	39999996	0.009	0.000
<b>TOTAL</b>		<b>0.009</b>	<b>0.000</b>
<b>NORTH DURHAM WATER RECLAMATION FACILITY</b>			
PROCESS ID: 5	39999995	0.000	0.001
PROCESS ID: 6	39999995	0.000	0.000
<b>TOTAL</b>		<b>0.000</b>	<b>0.001</b>
<b>SCM METAL PRODUCTS, INC.</b>			
PROCESS ID: 26	39999997	0.000	0.000
PROCESS ID: 27	39999994	0.001	0.000
<b>TOTAL</b>		<b>0.001</b>	<b>0.000</b>
<b><i>Franklin County</i></b>			
<b>HARBORLITE CORPORATION</b>			
PROCESS ID: B	39999994	0.000	0.006
<b>TOTAL</b>		<b>0.000</b>	<b>0.006</b>
<b><i>Granville County</i></b>			
<b>ATHOL CORPORATION</b>			
PROCESS ID: 3	39999998	0.000	0.000
PROCESS ID: 25	39999996	0.001	0.000
PROCESS ID: 26	39999996	0.001	0.000
<b>TOTAL</b>		<b>0.002</b>	<b>0.003</b>
<b>BANDAG INCORPORATED</b>			
PROCESS ID: 6	39999996	0.020	0.000
<b>TOTAL</b>		<b>0.020</b>	<b>0.000</b>
<b>LENOX CHINA INC.</b>			
PROCESS ID: B	39999994	0.000	0.009
<b>TOTAL</b>		<b>0.000</b>	<b>0.009</b>
<b>REVLON CONSUMER PRODUCTS INC.</b>			
PROCESS ID: B	39999994	0.006	0.000
<b>TOTAL</b>		<b>0.006</b>	<b>0.000</b>
<b><i>Johnston County</i></b>			
<b>ANDREW CORPORATION NORTH CAROLINA</b>			
PROCESS ID: 8	39999994	0.000	0.000
<b>TOTAL</b>		<b>0.000</b>	<b>0.000</b>

**Table 5.3-13 Summary Of SCC 3-99-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
<i><b>Johnston County (Continued)</b></i>			
CHARLES CABINETS INC.			
PROCESS ID: 1	39999995	0.006	0.000
PROCESS ID: 2	39999995	0.006	0.000
TOTAL		<b>0.012</b>	<b>0.000</b>
TALECRIS BIOTHERAPEUTICS, INC.			
PROCESS ID: 15	39999995	0.002	0.000
TOTAL		<b>0.002</b>	<b>0.000</b>
<i><b>Orange County</b></i>			
EATON CORPORATION			
PROCESS ID: B	39999992	0.019	0.006
TOTAL		<b>0.019</b>	<b>0.006</b>
<i><b>Wake County</b></i>			
COOPER HAND TOOLS APEX DIVISION			
PROCESS ID: 20	39999994	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
MALLINCKRODT INC.			
PROCESS ID: 22	39999995	0.000	0.000
PROCESS ID: 24	39999994	0.001	0.000
PROCESS ID: 30	39999996	0.000	0.000
PROCESS ID: 31	39999996	0.000	0.000
TOTAL		<b>0.001</b>	<b>0.000</b>
NC DOC – CENTRAL PRISON			
PROCESS ID: SM	39999998	0.002	0.000
TOTAL		<b>0.002</b>	<b>0.000</b>
TYCO ELECTRONICS CORPORATION			
PROCESS ID: B	39999994	0.018	0.000
TOTAL		<b>0.018</b>	<b>0.000</b>

## 5.4 PETROLEUM AND SOLVENT EVAPORATION

This group of sources emits volatile organic compounds (VOC). SCC in the 4-01-xxx-xx group are for organic solvent evaporation. Surface coating operations are grouped under SCC 4-02-xxx-xx. Petroleum product storage is grouped under 4-03-xxx-xx. Non-refinery petroleum liquids storage falls under group 4-04-xxx-xx. Printing and publishing are in the 4-05-xxx-xx group of SCC. SCC group 4-07-xxx-xx covers organic chemical storage. SCC 4-08-xxx-xx pertains to organic chemical transportation. Organic solvent evaporation falls under 4-90-xxx-xx.



**Table 5.4-1 Summary Of SCC 4-01-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i><b>Durham County</b></i>			
BECTON DICKINSON LABWARE			
PROCESS ID: 2	40100399	0.000	0.000
PROCESS ID: 4	40188805	0.005	0.000
TOTAL		<b>0.005</b>	<b>0.000</b>
<i><b>Granville County</b></i>			
ALTEC INDUSTRIES			
PROCESS ID: 5	40100398	0.001	0.000
TOTAL		<b>0.001</b>	<b>0.000</b>
<i><b>Johnston County</b></i>			
ANDREW CORPORATION NORTH CAROLINA			
PROCESS ID: 12	40100296	0.001	0.000
TOTAL		<b>0.001</b>	<b>0.000</b>
<i><b>Orange County</b></i>			
AKG OF AMERICA INC.			
PROCESS ID: 1	40100253	0.061	0.000
TOTAL		<b>0.061</b>	<b>0.000</b>
<i><b>Wake County</b></i>			
INTERNATIONAL PAPER – BEVERAGE PACKAGING DIV.			
PROCESS ID: 16	40188898	0.002	0.000
PROCESS ID: 17	40188898	0.000	0.000
TOTAL		<b>0.002</b>	<b>0.000</b>
MALLINCKRODT INC.			
PROCESS ID: 33	40188805	0.005	0.000
TOTAL		<b>0.005</b>	<b>0.000</b>

**Table 5.4-2 Summary Of SCC 4-02-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i><b>Franklin County</b></i>			
NC DOC – FRANKLIN SIGN PLANT			
PROCESS ID: 1	40200921	0.025	0.000
PROCESS ID: 3	40200310	0.006	0.000
PROCESS ID: 4	40201004	0.002	0.000
PROCESS ID: 5	40200110	0.003	0.000
PROCESS ID: 6	40201004	0.003	0.000
TOTAL		<b>0.039</b>	<b>0.000</b>

Table 5.4-2 Summary Of SCC 4-02-xxx-xx Emissions

	SCC	VOC (tons / day)	NOx (tons / day)
<i>Franklin County (Continued)</i>			
THE HON COMPANY			
PROCESS ID: 3	40201901	0.104	0.000
PROCESS ID: 5	40201901	0.044	0.000
PROCESS ID: 7	40201901	0.002	0.000
PROCESS ID: 8	40201901	0.065	0.000
PROCESS ID: 9	40201901	0.032	0.000
PROCESS ID: 10	40288822	0.009	0.000
PROCESS ID: 11	40201901	0.035	0.000
PROCESS ID: 13	40201901	0.035	0.000
TOTAL		<b>0.326</b>	<b>0.000</b>
<i>Granville County</i>			
ALTEC INDUSTRIES			
PROCESS ID: 2	40200110	0.050	0.000
PROCESS ID: 9	40200110	0.005	0.000
TOTAL		<b>0.055</b>	<b>0.000</b>
ATHOL CORPORATION			
PROCESS ID: 7	40204230	0.008	0.001
PROCESS ID: 8	40201122	0.115	0.000
PROCESS ID: 9	40201122	0.115	0.000
PROCESS ID: 10	40201122	0.009	0.001
PROCESS ID: 11	40201121	0.010	0.000
PROCESS ID: 22	40204230	0.031	0.002
PROCESS ID: 24	40201103	0.077	0.000
TOTAL		<b>0.365</b>	<b>0.004</b>
ATLANTIC INDUSTRIAL FINISHING, INC.			
PROCESS ID: 1	40202501	0.008	0.000
PROCESS ID: 2	40200803	0.000	0.000
TOTAL		<b>0.008</b>	<b>0.000</b>
BANDAG INCORPORATED			
PROCESS ID: 5	40299999	0.304	0.000
TOTAL		<b>0.304</b>	<b>0.000</b>
CERTAINTED CORPORATION			
PROCESS ID: 29	40200701	0.134	0.000
TOTAL		<b>0.134</b>	<b>0.000</b>
IDEAL FASTENER CORPORATION			
PROCESS ID: 1	40299999	0.004	0.000
PROCESS ID: 3	40299997	0.003	0.000
TOTAL		<b>0.007</b>	<b>0.000</b>
JOHN UMSTEAD HOSPITAL			
PROCESS ID: SM	40201901	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>

**Table 5.4-2 Summary Of SCC 4-02-xxx-xx Emissions**

	SCC	VOC (tons / day)	NO <sub>x</sub> (tons / day)
<i>Granville County (Continued)</i>			
NEWTON INSTRUMENT COMPANY INC.			
PROCESS ID: B	40201001	0.000	0.007
TOTAL		<b>0.000</b>	<b>0.007</b>
<i>Johnston County</i>			
ANDREW CORPORATION NORTH CAROLINA			
PROCESS ID: 1	40200110	0.210	0.000
PROCESS ID: 2	40201001	0.000	0.001
PROCESS ID: 9	40201001	0.000	0.003
PROCESS ID: 11	40201001	0.000	0.003
TOTAL		<b>0.210</b>	<b>0.007</b>
CATERPILLAR			
PROCESS ID: B	40200110	0.087	0.000
TOTAL		<b>0.087</b>	<b>0.000</b>
CONESTOGA WOOD SPECIALTIES CORPORATION			
PROCESS ID: 2	40200110	0.193	0.000
TOTAL		<b>0.193</b>	<b>0.000</b>
STRUCTURAL COATINGS INC.			
PROCESS ID: B	40200711	0.046	0.000
TOTAL		<b>0.046</b>	<b>0.000</b>
<i>Orange County</i>			
GENERAL ELECTRIC COMPANY			
PROCESS ID: SM	40200201	0.012	0.000
TOTAL		<b>0.012</b>	<b>0.000</b>
<i>Person County</i>			
ALSCO METALS CORPORATION			
PROCESS ID: 2	40201806	0.008	0.000
PROCESS ID: 6	40201806	0.016	0.000
PROCESS ID: 12	40201806	0.016	0.000
TOTAL		<b>0.055</b>	<b>0.000</b>
<i>Wake County</i>			
COOPER HAND TOOLS APEX DIVISION			
PROCESS ID: 15	40299999	0.000	0.000
PROCESS ID: 18	40299999	0.051	0.000
TOTAL		<b>0.051</b>	<b>0.000</b>
ELSTER ELECTRICITY			
PROCESS ID: A	40200810	0.012	0.000
TOTAL		<b>0.012</b>	<b>0.000</b>
RUSSELL CARROLL CABINET SHOP			
PROCESS ID: B	40201901	0.065	0.000
TOTAL		<b>0.065</b>	<b>0.000</b>

**Table 5.4-2 Summary Of SCC 4-02-xxx-xx Emissions**

	SCC	VOC (tons / day)	NOx (tons / day)
<i>Wake County (Continued)</i>			
THOMPSON CABINET SHOP, INC.			
PROCESS ID: 1	40201901	0.011	0.000
TOTAL		<b>0.011</b>	<b>0.000</b>

**Table 5.4-3 Summary Of SCC 4-03-xxx-xx Emissions**

	SCC	VOC (tons / day)	NOx (tons / day)
<i>Johnston County</i>			
CROWN CENTRAL PETROLEUM			
PROCESS ID: B	40301019	0.037	0.003
TOTAL		<b>0.037</b>	<b>0.003</b>
CITGO PETROLEUM CORPORATION			
PROCESS ID: SM	40301019	0.206	0.018
TOTAL		<b>0.206</b>	<b>0.018</b>
CHARTER-TRIAD TERMINAL COMPANY			
PROCESS ID: SM	40301151	0.155	0.000
TOTAL		<b>0.155</b>	<b>0.000</b>

**Table 5.4-4 Summary Of SCC 4-04-xxx-xx Emissions**

	SCC	VOC (tons / day)	NOx (tons / day)
<i>Johnston County</i>			
AMERADA HESS CORPORATION			
PROCESS ID: B	40400121	0.006	0.000
TOTAL		<b>0.006</b>	<b>0.000</b>
B P PRODUCTS NORTH AMERICA, SELMA TERMINAL			
PROCESS ID: 1	40400148	0.002	0.000
PROCESS ID: 2	40400148	0.002	0.000
PROCESS ID: 3	40400148	0.002	0.000
PROCESS ID: 4	40400178	0.002	0.000
PROCESS ID: 5	40400122	0.002	0.000
PROCESS ID: 6	40400160	0.000	0.000
PROCESS ID: 9	40400160	0.000	0.000
PROCESS ID: 10	40400160	0.000	0.000
PROCESS ID: 11	40400170	0.001	0.000
PROCESS ID: 13	40400153	0.057	0.000
TOTAL		<b>0.068</b>	<b>0.000</b>

**Table 5.4-4 Summary Of SCC 4-04-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NOx (tons / day)</b>
<i>Johnston County (Continued)</i>			
COLONIAL PIPELINE COMPANY			
PROCESS ID: B	40400199	0.006	0.000
TOTAL		<b>0.006</b>	<b>0.000</b>
EXXON COMPANY USA SELMA TERML			
PROCESS ID: SM	40400250	0.199	0.000
TOTAL		<b>0.199</b>	<b>0.000</b>
KINDER MORGAN SOUTHEAST TERMINALS			
PROCESS ID: 1	40400121	0.000	0.000
PROCESS ID: 2	40400121	0.001	0.000
PROCESS ID: 3	40400160	0.005	0.000
PROCESS ID: 4	40400140	0.005	0.000
PROCESS ID: 5	40400103	0.006	0.000
PROCESS ID: 7	40400150	0.029	0.093
PROCESS ID: 8	40400150	0.002	0.000
PROCESS ID: 12	40400150	0.000	0.000
TOTAL		<b>0.048</b>	<b>0.000</b>
VALERO MARKETING AND SUPPLY COMPANY			
PROCESS ID: SM	40400208	0.058	0.002
TOTAL		<b>0.058</b>	<b>0.002</b>
WILLIAMS ENERGY VENTURES INC.			
PROCESS ID: SM	40400250	0.080	0.009
TOTAL		<b>0.080</b>	<b>0.009</b>
<i>Wake County</i>			
DIXIE PIPELINE CO.			
PROCESS ID: B	40400199	0.043	0.000
TOTAL		<b>0.043</b>	<b>0.000</b>
MOTIVA ENTERPRISES LLC			
PROCESS ID: 2	40400116	0.005	0.000
PROCESS ID: 3	40400116	0.005	0.000
PROCESS ID: 4	40400116	0.007	0.000
PROCESS ID: 5	40400116	0.005	0.000
PROCESS ID: 6	40400153	0.017	0.007
PROCESS ID: 7	40400153	0.014	0.000
PROCESS ID: 8	40400150	0.040	0.000
PROCESS ID: 9	40400150	0.001	0.000
PROCESS ID: 10	40400122	0.001	0.000
PROCESS ID: 11	40400121	0.001	0.000
PROCESS ID: 12	40400199	0.000	0.000
PROCESS ID: 13	40400199	0.000	0.000
PROCESS ID: 14	40400199	0.000	0.000
PROCESS ID: 15	40400199	0.000	0.000
PROCESS ID: 16	40400151	0.001	0.000
TOTAL		<b>0.097</b>	<b>0.007</b>

**Table 5.4-5 Summary Of SCC 4-05-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<b><i>Durham County</i></b>			
BECTON DICKINSON LABWARE			
PROCESS ID: 6	40588801	0.012	0.000
TOTAL		<b>0.012</b>	<b>0.000</b>
LITHO INDUSTRIES			
PROCESS ID: B	40500101	0.073	0.000
TOTAL		<b>0.073</b>	<b>0.000</b>
PBM GRAPHICS INCORPORATED			
PROCESS ID: B	40500412	0.162	0.003
TOTAL		<b>0.162</b>	<b>0.003</b>
VALASSIS COMMUNICATIONS			
PROCESS ID: SM	40500401	0.076	0.042
TOTAL		<b>0.076</b>	<b>0.042</b>
<b><i>Franklin County</i></b>			
NOMACO INC.			
PROCESS ID: 5	40500211	0.004	0.000
TOTAL		<b>0.004</b>	<b>0.000</b>
SOUTHERN LITHOPLATE INC.			
PROCESS ID: 1	40500421	0.000	0.000
PROCESS ID: 4	40500411	0.365	0.000
PROCESS ID: 5	40588805	0.006	0.000
TOTAL		<b>0.371</b>	<b>0.000</b>
<b><i>Johnston County</i></b>			
ANDREW CORPORATION NORTH CAROLINA			
PROCESS ID: 6	40588805	0.004	0.000
TOTAL		<b>0.004</b>	<b>0.000</b>
MEBANE PACKAGING CORPORATION			
PROCESS ID: B	40500811	0.050	0.000
TOTAL		<b>0.050</b>	<b>0.000</b>
<b><i>Orange County</i></b>			
MEADWESTVACO CONSUMER PACKAGING GROUP LLC			
PROCESS ID: 1	40500597	0.067	0.000
PROCESS ID: 2	40500597	0.001	0.000
TOTAL		<b>0.068</b>	<b>0.000</b>
<b><i>Wake County</i></b>			
HENRY WURST INC.			
PROCESS ID: 1	40500597	0.153	0.000
PROCESS ID: 2	40500199	0.000	0.001
TOTAL		<b>0.153</b>	<b>0.001</b>

**Table 5.4-5 Summary Of SCC 4-05-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i>Wake County (Continued)</i>			
INTERNATIONAL PAPER – BEVERAGE PACKAGING DIV.			
PROCESS ID: 6	40500312	0.001	0.000
PROCESS ID: 7	40500597	0.001	0.000
PROCESS ID: 8	40500512	0.322	0.000
PROCESS ID: 10	40500433	0.009	0.000
PROCESS ID: 14	40500597	0.000	0.001
TOTAL		<b>0.333</b>	<b>0.001</b>
METOKOTE CORPORATION, PLANT 23			
PROCESS ID: B	40500801	0.014	0.000
TOTAL		<b>0.014</b>	<b>0.000</b>
NCSU CENTRAL HEAT PLANT			
PROCESS ID: 18	40588805	0.002	0.000
TOTAL		<b>0.002</b>	<b>0.000</b>
NOMACO INC.			
PROCESS ID: 4	40500801	0.001	0.000
TOTAL		<b>0.001</b>	<b>0.000</b>

**Table 5.4-6 Summary Of SCC 4-07-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<i>Durham County</i>			
BRENNTAG SOUTHEAST INC.			
PROCESS ID: B	40799999	0.015	0.000
TOTAL		<b>0.015</b>	<b>0.000</b>
<i>Granville County</i>			
ATHOL CORPORATION			
PROCESS ID: 1	40786805	0.000	0.000
PROCESS ID: 23	40704426	0.008	0.000
TOTAL		<b>0.008</b>	<b>0.000</b>
BANDAG INCORPORATED			
PROCESS ID: 7	40714698	0.001	0.000
TOTAL		<b>0.001</b>	<b>0.000</b>
<i>Johnston County</i>			
KINDER MORGAN SOUTHEAST TERMINALS			
PROCESS ID: 11	40714698	0.000	0.000
PROCESS ID: 14	40714697	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>

**Table 5.4-6 Summary Of SCC 4-07-xxx-xx Emissions**

	SCC	VOC (tons / day)	NO <sub>x</sub> (tons / day)
<i>Johnston County (Continued)</i>			
PGI NONWOVENS DBA CHICOPEE INC.			
PROCESS ID: 3	40714698	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
TALECRIS BIOTHERAPEUTICS, INC.			
PROCESS ID: 19	40700810	0.001	0.000
TOTAL		<b>0.001</b>	<b>0.000</b>
<i>Person County</i>			
ALSCO METALS CORPORATION			
PROCESS ID: 9	40799997	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
LOUISIANA – PACIFIC CORP. - ROXBORO			
PROCESS ID: 62	40788403	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
<i>Wake County</i>			
AJINOMOTO AMINOSCIENCE, LLC			
PROCESS ID: 27	40799999	0.001	0.000
PROCESS ID: 33	40799999	0.001	0.000
TOTAL		<b>0.002</b>	<b>0.001</b>
REA CONTRACTING, LLC/082 GRESHAM LAKE			
PROCESS ID: 3	40714698	0.086	0.000
TOTAL		<b>0.086</b>	<b>0.000</b>

**Table 5.4-7 Summary Of SCC 4-08-xxx-xx Emissions**

	SCC	VOC (tons / day)	NO <sub>x</sub> (tons / day)
<i>Wake County</i>			
TRANSFLO TERMINAL SERVICES			
PROCESS ID: 3	40899995	0.001	0.000
TOTAL		<b>0.001</b>	<b>0.000</b>



**Table 5.4-8 Summary Of SCC 4-90-xxx-xx Emissions**

	<b>SCC</b>	<b>VOC (tons / day)</b>	<b>NO<sub>x</sub> (tons / day)</b>
<b><i>Durham County</i></b>			
IBM CORPORATION			
PROCESS ID: 36	49099998	0.006	0.000
TOTAL		<b>0.006</b>	<b>0.000</b>
<b><i>Johnston County</i></b>			
ANDREW CORPORATION NORTH CAROLINA			
PROCESS ID: 3	49099998	0.051	0.000
TOTAL		<b>0.051</b>	<b>0.000</b>
<b><i>Orange County</i></b>			
UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
PROCESS ID: 25	49099998	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
<b><i>Person County</i></b>			
COGENTRIX OF NORTH CAROLINA INC.			
PROCESS ID: 9	49099999	0.001	0.000
TOTAL		<b>0.001</b>	<b>0.000</b>
COLLINS & AIKMAN CORPORATION			
PROCESS ID: 9	49099998	0.001	0.000
TOTAL		<b>0.001</b>	<b>0.000</b>
GEORGIA – PACIFIC ROXBORO			
PROCESS ID: 39	49099998	0.012	0.000
TOTAL		<b>0.012</b>	<b>0.000</b>
<b><i>Wake County</i></b>			
INTERNATIONAL PAPER – BEVERAGE PACKAGING DIV.			
PROCESS ID: 15	49099998	0.013	0.000
TOTAL		<b>0.013</b>	<b>0.000</b>

## 5.5 WASTE DISPOSAL

Waste disposal includes government solid waste disposal, in group 5-01-xxx-xx. Commercial and institutional solid waste disposal processes are in the 5-02-xxx-xx SCC group. Industrial solid waste disposal falls into group 5-03-xxx-xx.

**Table 5.5-1 Summary Of SCC 5-01-xxx-xx Emissions**

	SCC	VOC (tons / day)	NO <sub>x</sub> (tons / day)
<i>Durham County</i>			
CITY OF DURHAM SANITARY LANDFILL			
PROCESS ID: B	50100410	0.006	0.084
TOTAL		<b>0.006</b>	<b>0.084</b>
<i>Wake County</i>			
NCDOA ROLLINS ANIMAL D&D LAB			
PROCESS ID: 1	50100505	0.000	0.012
TOTAL		<b>0.000</b>	<b>0.012</b>
NORTH WAKE COUNTY LANDFILL FACILITY			
PROCESS ID: 1	50100402	0.034	0.006
TOTAL		<b>0.034</b>	<b>0.006</b>

**Table 5.5-2 Summary Of SCC 5-02-xxx-xx Emissions**

	SCC	VOC (tons / day)	NO <sub>x</sub> (tons / day)
<i>Johnston County</i>			
JOHNSTON COUNTY MSW LANDFILL			
PROCESS ID: 2	50280001	0.016	0.000
TOTAL		<b>0.016</b>	<b>0.000</b>

**Table 5.5-3 Summary Of SCC 5-03-xxx-xx Emissions**

	SCC	VOC (tons / day)	NO <sub>x</sub> (tons / day)
<i>Durham County</i>			
DUKE UNIVERSITY			
PROCESS ID: 17	50300501	0.000	0.000
TOTAL		<b>0.000</b>	<b>0.000</b>
RALDEN LIMITED PARTNERSHIP			
PROCESS ID: SM	50300101	0.000	0.001
TOTAL		<b>0.000</b>	<b>0.001</b>