Section 3: Attainment Inventory

3.1 Inventory Description

For purposes of the attainment EI, the state is using 2002 as the baseline attainment year since it is one of the three years (2001, 2002, and 2003) on which the 8-hour ozone designation was based. Table 3-1 summarizes the 2002 VOC and NOx emissions totals on a tons-per-day (tpd) basis by source categories which comprise the attainment inventory for Beauregard Parish. The source categories include stationary point, non-point, non-road mobile, and on-road mobile.

Table 3-1 Beauregard Parish Attainment Inventory - 2002

Sources	VOC (tpd)	NOx (tpd)
Point	4.43	12.81
Non-Point	6.72	4.27
Nonroad Mobile	0.75	1.29
Onroad Mobile	2.01	2.51
Totals	**13.91**	**20.88**

3.2 Projected Emissions Inventory

The 2002 attainment inventory has been grown for the final plan year of 2014 and for the interim years of 2008 and 2011. The 2002 EI was submitted to EPA for the National Emissions Inventory to comply with the requirements of the Consolidated Emissions Reporting Rule (CERR). Point source and area source growth projections were derived from EGAS 4.0. Non-road mobile growth projections for SCC codes 2275, 2280, and 2285 were derived from EGAS 4.0; other non-road mobile growth projections were derived from the National Mobile Inventory Model (NMIM). On-road mobile projections were discussed in section 2.4.

3.3 Emissions Inventory Summary

Tables 3-2 and 3-3 summarize the 2002 attainment/baseline year and interim emission projections for the years 2008, 2011 and 2014 for Beauregard Parish. In 2002 VOC emissions totaled approximately 14 tpd and NOx emissions totaled approximately 21 tpd. Emission projections for future years reflect a somewhat static trend in VOC and NOx emissions through 2014, which is the last year of the plan.

Table 3-2 Beauregard Parish: VOC Emissions Inventory Baseline (2002) and Projections (2008, 2011, 2014) in tons per day (tpd)

Sources	2002	2008	2011	2014
Point	4.43	5.05	5.37	5.69
Non-point	6.72	6.80	6.85	6.88
Non-road Mobile	0.75	0.83	0.75	0.63
On-road Mobile	2.01	1.28	0.99	0.82
Total (tpd)	13.91	13.96	13.96	14.02

Table 3-3 Beauregard Parish: NOx Emissions Inventory Baseline (2002) and Projections (2008, 2011, 2014) in tons per day (tpd)

	2002	2008	2011	2014
Point	12.81	13.70	14.15	14.58
Non-point	4.27	4.46	4.56	4.65
Non-road Mobile	1.29	1.00	0.87	0.71
On-road Mobile	2.51	1.63	1.20	0.90
Total (tpd)	20.88	20.79	20.78	20.84