Section 3: Attainment Inventory

3.1 Inventory Description

EPA Guidance dated May 20, 2005 suggests that the attainment inventory should be based on actual "typical summer day" emissions of VOC and NOx. For purposes of the attainment emissions inventory, the state is using 2002 as the baseline attainment year since it is one of the three years (2001, 2002, 2003) on which the 8-hour ozone designation was based. Table 3-1 summarizes the 2002 VOC and NOx emissions totals by source categories which comprise the attainment inventory for St. Mary Parish. The source categories include stationary point, area, non-road mobile, and on-road mobile.

Table 3-1 St. Mary Parish Attainment Inventory - 2002

Sources	VOC (tpd)	NOx (tpd)
Point	5.26	29.05
Non-Point	5.16	0.94
Non-road Mobile	8.66	6.32
On-road Mobile	2.28	3.57
Totals	**21.36**	**39.88**

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 emissions inventory 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 St. Mary Parish. In 2002 VOC emissions totaled approximately 21.36 tpd and NOx emissions totaled approximately 39.88 tpd. Emission projections