Section 5: Ambient Air Quality Monitoring

5.1 Attainment of the 1-Hour Ozone Standard

The monitoring site in Pointe Coupee Parish (EPA AQS code 22 077 0001) has been in operation since November 16, 1988 and has been operated in accordance with the requirements of 40 CFR 58 and the EPA-approved Quality Assurance Program Plan. The NAAQS for 1-hour ozone is 120 ppb based on a 1-hour average sample. Because of rounding, a 1-hour monitor reading of 125 ppb is considered an exceedance of the 1-hour ozone standard, whereas a reading of 124 ppb is considered as meeting the standard.

The Pointe Coupee site continued to monitor attainment with the 1-hour ozone NAAQS through the end of calendar year 2005. The most recent three years of ozone monitoring data (2003-2005) for Pointe Coupee Parish indicate an ozone design value of 104 ppb for 2003, 104 ppb for 2004 and 113 ppb for 2005. EPA revoked the 1-hour ozone standard effective June 15, 2005.

5.2 Attainment of the 8-Hour Ozone Standard

The NAAQS for 8-hour ozone is 80 ppb based on the three-year average of the fourth-highest daily maximum 8-hour average ozone concentrations measured at each monitor within an area. An 8-hour monitor reading of 85 ppb is considered an exceedance of the 8-hour ozone standard and a reading of 84 ppb is considered as meeting the standard. Figure 2 illustrates the trend in 8-hour ozone design values in ppb for the Pointe Coupee site from 1998 through 2005.

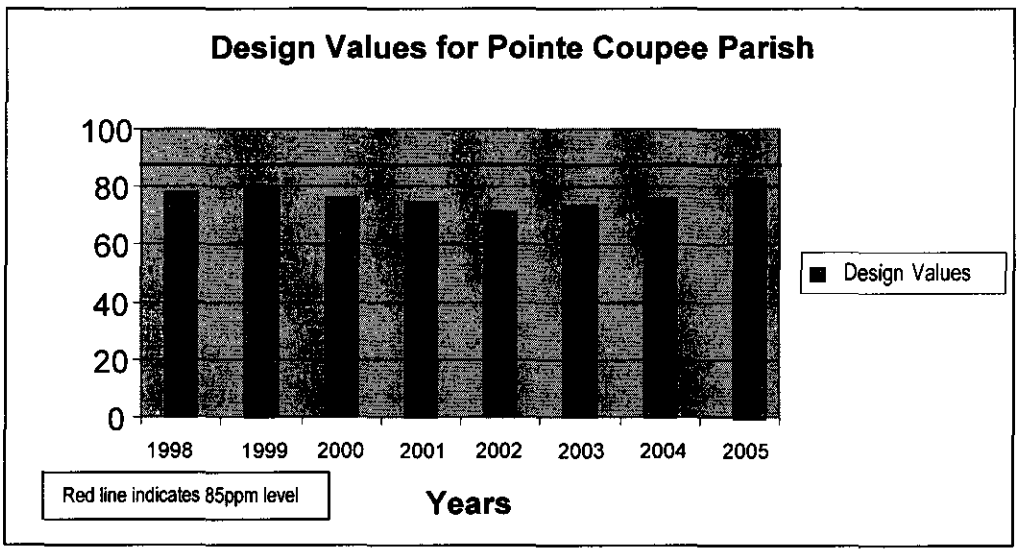

Table 5-1 indicates that the area has monitored attainment for the latest five complete three-year periods.

Table 5-1 Pointe Coupee Parish

8-Hour Ozone Design Values 1998-2005

Year	1st	2nd	3rd	4th	# of days	Design Value (ppb)
1998	79	76	75	70	0	78
1999	105	98	96	83	3	80
2000	94	79	78	77	1	76
1999	105	98	96	83	3	80
2000	94	79	78	77	1	76
2001	85	83	68	66	1	75
2000	94	79	78	77	1	76
2001	85	83	68	66	1	75
2002	84	77	76	72	0	71
2001	85	83	68	66	1	75
2002	84	77	76	72	0	71
2003	109	86	83	81	2	73
2002	84	77	76	72	0	71
2003	109	86	83	81	2	73
2004	82	77	76	76	0	76
2003	109	86	83	81	2	73
2004	82	77	76	76	0	76
2005	106	88	87	86	5	81