

## SECTION 7: AMBIENT AIR QUALITY MONITORING

### 7.1 Attainment of the 8-Hour Ozone Standard

The monitoring sites<sup>20</sup> in the BRNA have operated in accordance with the requirements of the 40 CFR 58 and the EPA-approved Quality Assurance Program Plan. The NAAQS for the 8-hour ozone is 0.08 parts per million (ppm) based on an 8-hour average sample.

For the 3-year period of 2006, 2007, and 2008, the BRNA network monitored attainment with the 8-hour ozone NAAQS through the end of the calendar year 2008. The monitoring network for the BRNA currently consists of 10 monitors located throughout the area. (See Figure 2)

The Department commits to keep an adequate monitoring network in place throughout the maintenance period. The monitors will be used to detect if and when appropriate levels have been exceeded for contingency measure triggering purposes. Louisiana commits to continue to operate an appropriate air quality monitoring network in accordance with 40 CFR Part 58.

**Figure 2: Map of the Baton Rouge Ozone Maintenance Area Monitoring Network**



<sup>20</sup> Baker #22-033-1001, Capital #22-033-0009, Bayou Plaquemine #22-047-0009, Carville #22-047-0012, Dutchtown #22-005-0004, Grosse Tete #22-047-0007, French Settlement #22-063-0002, LSU #22-033-0003, Port Allen #22-121-0001, and Pride #22-033-0013