

(5.4) Ozone Monitoring Requirements

Ozone monitoring requirements are determined by the MSA population and ozone design value, as specified in Table D-2 of 40 CFR Part 58 Appendix D.

- Based on the population of the Pittsburgh MSA and the fact that the latest ozone design value is greater than 85% of the ozone NAAQS, ACHD is required to operate two ozone monitors. ACHD satisfies this requirement by operating three ozone monitors.
- Each NCORE site must operate an ozone monitor. ACHD satisfies this requirement by operating an ozone monitor at the Lawrenceville NCORE site.
- Within an O₃ network, at least one O₃ site for each MSA must be designed to record the maximum concentration for that particular metropolitan area. The maximum concentration monitor site should be selected in a direction from the city that is most likely to observe the highest O₃ concentrations, more specifically, downwind during periods of photochemical activity. The Harrison monitor is assigned this designation.

(Figure 5.4) 2016 Ozone Monitors

