Region 3 Plan Summary
Clearfield/Indiana, Pennsylvania 8-Hour Ozone Maintenance Plan

Title: Maintenance Plan for the Clearfield/Indiana, Pennsylvania 8-Hour Ozone Area

Federal Register Dates: July 23, 2008, 73 FR 43731 (Proposed rule); March 19, 2009, 74 FR 11674 (Final rule).

EPA Effective Date: April 20, 2009

State Submittal Dates: June 14, 2007; amended May 23, 2008

Affected Areas: Clearfield and Indiana Counties

Key Features

1. 2004 attainment year; projections to 2009 and 2018

2. The Clearfield/Indiana Area plan shows maintenance of the 8-hour ozone NAAQS by demonstrating that current and future emissions of VOC and NOx remain at or below the attainment year 2004 emissions levels throughout the Clearfield/Indiana Area through the year 2018.

Monitoring Network: There are currently two monitors measuring ozone in the Clearfield/ Indiana Area. Pennsylvania will continue to operate its current air quality monitors in accordance with 40 CFR part 58.

Contingency Plan Triggers

1. Contingency measures will be considered if for two consecutive years the fourth highest eight-hour ozone concentrations at the Clearfield/Indiana Area monitor are above 84 ppb. If this trigger point occurs, the Commonwealth will evaluate whether additional local emission control measures should be implemented in order to prevent a violation of the air quality standard.

2. Contingency measures will be considered in the event that a violation of the 8-hour ozone standard occurs at the Clearfield/Indiana Area monitors.

Contingency Measures

Contingency measures to be considered for the Clearfield/Indiana Area will include, but not limited to the following:

Non-Regulatory Measures:

Voluntary diesel engine "chip reflash" —installation of software to correct the defeat device option on certain heavy-duty diesel engines.

Diesel retrofit, including replacement, repowering or alternative fuel use, for public or private local onroad or offroad fleets

Idling reduction technology for Class 2 yard locomotives

Idling reduction technologies or strategies for truck stops, warehouses and other freight-handling facilities

Accelerated turnover of lawn and garden equipment, especially commercial equipment, including promotion of electric equipment

Additional promotion of alternative fuel (e.g., biodiesel) for home heating and agricultural use

Regulatory Measures:

Additional controls on consumer products

Additional control on portable fuel containers

Schedule: The plan lays out a process to have any regulatory contingency measures in effect within 19 months of the trigger. The plan also lays out a process to implement the non-regulatory contingency measures within 12-24 months of the trigger.

Total VOC Emissions for 2004-2018 (tons per summer day)

Source Category	2004	2009	2018
Stationary Point Sources	1.2	1.3	1.5
Stationary Area sources	9.2	8.4	8.6
Highway Vehicles	9.4	7.2	4.7
Nonroad engines/Vehicles	3.4	2.8	2.3
Total	23.2	19.7	17.1

Total NOx Emissions for 2004-2018 (tons per summer day)

Source Category	2004	2009	2018
Stationary Point Sources	129.3	89.2	79.1
Stationary Area sources	1.0	1.1	1.1
Highway Vehicles	22.2	16.3	7.6
Nonroad engines/Vehicles	4.2	3.5	2.4
Total	156.7	110.1	90.2

EPA Region 3 Contact: Gregory Becoat (3AP21), U.S. EPA Region III
1650 Arch Street, Philadelphia, PA 19103-2029
(215) 814-2036; becoat.gregory@epa.gov