

Region 3 Plan Summary
Scranton/Wilkes-Barre Pennsylvania 8-Hour Ozone Area

Title: Maintenance Plan for the State College 8-hour Ozone Attainment Area

Federal Register Dates: September 11, 2007, 72 FR 51747 (Proposed Rule); November 14, 2007, 72 FR 63990 (Final Rule).

EPA Effective Date: December 14, 2007

State Submittal Date: June 12, 2007

Affected Area: Centre County

Key Features:

1. 2004 attainment year; projections to 2009 and 2018.
2. The State College Area plan shows maintenance of the 8-hour ozone NAAQS by demonstrating that current and future emissions of VOC and NO_x remain at or below the attainment year 2004 emissions levels throughout the State College Area through the year 2018.

Monitoring Network: There is currently one monitor measuring ozone in the State College Area. Pennsylvania will continue to operate its current air quality monitor 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 State College Area monitor are above 84 ppb.
2. Contingency measures will be considered in the event that a violation of the 8-hour ozone standard occurs at the State College County, Pennsylvania monitor.

Contingency Measures

Contingency measures to be considered for the State College 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 (TPD)

Source Category	2004 VOC emissions	2009 VOC emissions	2018 VOC emissions
Mobile*	7.0	5.4	3.7
Nonroad	3.1	2.7	2.1
Area	6.7	6.4	6.7
Point	0.1	0.1	0.1
Total	16.9	14.6	12.6

* Includes safety margin identified in the motor vehicle emission budgets for transportation conformity.

Total NOx Emissions for 2004-2018 (TPD)

Source Category	2004 NOx emissions	2009 NOx emissions	2018 NOx emissions
Mobile*	16.8	12.5	6.0
Nonroad	3.8	3.2	1.9
Area	0.9	0.9	0.9
Point	3.8	6.7	7.7
Total	25.3	23.3	16.5

* Includes safety margin identified in the motor vehicle emission budgets for transportation conformity.

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