

US EPA ARCHIVE DOCUMENT

November 30, 1999

Atlanta Ozone Nonattainment Area

Covers States: Georgia

Population: 3.25 Million

Major areas: Atlanta metro

Number of Counties: 13
(Georgia has chosen to extend controls to an additional 32 counties)

Air pollution classification level: Serious

Number of days exceeding the 1-hour ozone standard:

<u>1997</u>	<u>1998</u>	<u>1999</u> (estimated)
11	20	23

Transportation emissions budget due: December 31, 1999

Transportation emissions budget implementation begins: May 2000

Final state plan approved by EPA No later than November 2000

Clean Air Act attainment date: 2003 (proposed). Original date was November 15, 1999

Estimated reductions of NOx and VOCs (tons per day) needed for attainment:

Target in State's

Shortfall

November 30, 1999

Baltimore Area

Covers States: Maryland **Population:** 2.35 million

Major cities: Baltimore

Number of Counties: 5 counties plus Baltimore City

Number of days exceeding the 1-hour ozone standard:

<u>1997</u>	<u>1998</u>	<u>1999</u> (estimated)
12	6	11

Clean Air Act Attainment Date: 2005

Estimated reductions of NOx and VOCs (tons per day) needed for attainment:

Target in			
<u>State's 1998 Submittals</u>		<u>EPA estimate</u>	<u>Shortfall(Difference between 2 estimates)</u>
NOx 152		152	0
VOC 120		133	13

From what industries or other sectors does the state plan control to get their majority of the reductions?

- G Enhanced Inspection and Maintenance
- G Reformulated Gasoline
- G National Low Emission Vehicle program

November 30, 1999

Chicago

Covers States: Illinois, Indiana

Population: 7.9 million

Major cities: Chicago, Gary, Hammond **Number of Counties:** 6 counties

Number of days exceeding the 1-hour ozone standard:

<u>1997</u>	<u>1998</u>	<u>1999</u> (estimated)
2	3	1

Clean Air Act Attainment Date: 2007 - Severe area

Estimated reductions of NOx and VOCs (tons per day) needed for attainment:

Target in State's 1998 Submittal	<u>EPA estimate</u>	Shortfall (Difference between 2 <u>estimates</u>)
VOC 488 tons	VOC 488 tons	0
NOx 136	NOx 136	0

What industries or other sectors does the state plan to control for the majority of the reductions?

- | | | | |
|---|--------------------------------|---|------------------------|
| G | Regional NOx Reductions | G | Refueling Reductions |
| G | Coke Oven Controls | G | Autobody Refinishing |
| G | Vehicle and non-road standards | G | Chemical Manufacturing |
| G | Enhanced I/M | | |
| G | Reformulated Gasoline | | |

Expected date for final actions: May 2000

November 30, 1999

Greater Connecticut Area

Covers States: Connecticut

Population: 2.5 million

Major cities: Hartford, New London,
New Haven and Waterbury

Number of Counties: 7

Number of days exceeding the 1-hour ozone standard:

<u>1997</u>	<u>1998</u>	<u>1999</u> (estimated)
8	4	10

Clean Air Act Attainment Date: November 15, 1999 {Requested extension to 2007}

Estimated reductions of NOx and VOCs (tons per day) needed for attainment:

Target in State's 1998 Submittal	<u>EPA estimate</u>	Shortfall (Difference between 2 <u>estimates</u>)
178 tons VOC	178 tons VOC	0
172 tons NOx	172 tons NOx	0

What industries or other sectors does the state plan to control for the majority of the reductions?

- G Further NOx controls on the larger sources of NOx emissions such as utilities and municipal waste combustors.
- G Comprehensive enhanced vehicle emission testing program
- G National low emission vehicle program
- G Cleaner burning reformulated gasoline starting in January, 2000.

Houston/Galveston

Covers States: Texas

Population: 4.4 million

Major cities: Houston, Galveston

Number of Counties: 8

Number of days exceeding the 1-hour ozone standard:

<u>1997</u>	<u>1998</u>	<u>1999</u> (estimated)
50	40	50

Clean Air Act Attainment Date: 2007

Estimated reductions of NOx (tons per day) needed for attainment:

Target in State's 1998 <u>Submittal</u>	<u>EPA estimate</u>	Shortfall(Difference between 2 <u>estimates)</u>
NOx 853 tons	NOx 971 tons	118 tons
VOC 481	VOC 481	0

What industries or other sectors does the state plan to control for the majority of the reductions?

- G 50% reduction in power plant emissions in the eastern half of TX
- G 90% reduction in point source emissions
- G Car inspection and maintenance program expansion
- G Gasoline and diesel fuel that meets California Reformulated standards

Expected date for final actions: March 2000

November 30, 1999

Milwaukee

Covers States: Wisconsin

Population: 1.7 Million

Major cities: Milwaukee, Racine, Kenosha

Number of Counties:6

Number of days exceeding the 1-hour ozone standard:

<u>1997</u>	<u>1998</u>	<u>1999</u> (estimated)
3	2	2

Clean Air Act Attainment Date: 2007 (severe 17)

Estimated reductions of NOx and VOCs (tons per day) needed for attainment:

Target in State's 1998 Submittal	EPA estimate	Shortfall (Difference between <u>2 estimates</u>)
NOx 30 tons	NOX 30 tons	0
VOC 130 tons	VOC 130 tons	0

What industries or other sectors (i.e. mobile) does the state plan to control for the majority of the reductions?

- | | | | |
|---|---------------------------------------|---|-----------------------|
| G | Regional NOx Reductions | G | Refueling Reductions |
| G | Coke Oven Controls | G | Enhanced I/M |
| G | Acid Rain NOx Controls | G | Reformulated Gasoline |
| G | Coating Regulations (e.g. RACT) | G | Autobody Refinishing |
| G | Vehicle and non-road engine standards | | |

Expected date for final actions: May 2000

November 30, 1999

New York-Northern New Jersey-Long Island Ozone Nonattainment Area

Covers States: New York, New Jersey, and Connecticut

Population: 19.8 million

Major cities: New York, NY
White Plains, NY
Yonkers, NY
Jersey City, NJ
Newark, NJ
Patterson, NJ
Elizabeth, NJ
Bridgeport, CT
Danbury, CT
Stamford, CT

Number of Counties:
CT - 1
NJ - 12
NY - 10

Number of days exceeding the 1-hour ozone standard:

<u>1997</u>	<u>1998</u>	<u>1999</u> (estimated)
16	7	13

Clean Air Act Attainment Date: 2007

Estimated reductions of NOx and VOCs (tons per day) needed for attainment:

Target in <u>State's Estimate in its 1998 Submittal</u>	<u>EPA estimate</u>	<u>Shortfall(Difference between 2 estimates)</u>
582 VOC	667 VOC	85 VOC
915 NOx	922 NOx	7 NOx

What industries or other sectors (i.e. mobile) does the state plan to control for the majority of the reductions?

G Further NOx controls on the larger sources of NOx emissions such as utilities and

November 30, 1999

Philadelphia-Wilmington-Trenton Area

Covers States: Pennsylvania Delaware, Maryland, New Jersey **Population:** 6 million

Major cities: Philadelphia, Wilmington, Trenton

Number of Counties: 15

Number of days exceeding the 1-hour ozone standard:

<u>1997</u>	<u>1998</u>	<u>1999</u> (estimated)
11	6	11

Clean Air Act Attainment Date: 2005

Estimated reductions of NOx and VOCs (tons per day) needed for attainment:

<u>States' 1998 Submittals</u>	<u>EPA estimate</u>	<u>Shortfall(Difference between 2 estimates)</u>
NOx 359	362	3
VOC 427	489	62

What industries or other sectors does the state plan to control for the majority of the reductions?

- G Enhanced inspection and maintenance programs for cars
- G Reformulated gasoline
- G National Low Emission Vehicles
- G Controls on power plants
- G Controls on coating/printing/painting operations

Expected date for final actions: 6-12 months

November 30, 1999

Springfield Area

Covers States: Massachusetts
(western portion of State)

Population: 812,000

Major cities: Springfield, MA

Number of Counties: 4

Number of days exceeding the 1-hour ozone standard:

1997
3

1998
1

1999(estimated)
1

Clean Air Act Attainment Date: November 15, 1999 {Requested extension to 2003}

Estimated total number of tons per day reduction (NOx and VOCs) required for attainment:

62 tons VOC

21 tons NOx

What industries or other sectors (ie mobile) does the state plan to control for the majority of the reductions?

- G Further NOx controls on the larger sources of NOx emissions such as utilities
- G Comprehensive enhanced vehicle emission testing program, and requiring cleaner burning reformulated gasoline starting in January, 2000.
- G MA is also achieving pollution reductions from the CA LEV program that they've been implementing since the 1995 model year.

Expected date for final actions: October, 2000

November 30, 1999

Metropolitan Washington D.C. Area

Covers States: District, Maryland, Virginia **Population:** 3.92 million

Major cities: Washington, DC

Number of Counties: 10 plus 6 independent towns/cities in VA

Number of days exceeding the 1-hour ozone standard:

<u>1997</u>	<u>1998</u>	<u>1999</u> (estimated)
6	6	7

Clean Air Act Attainment Date: 1999. Transport from upwind sources preventing attainment. Have proposed approval of attainment date extension until 2005

Estimated reductions of NOx and VOCs (tons per day) needed for attainment:

<u>Target in</u>		<u>EPA estimate</u>	<u>Shortfall(Difference between</u>
<u>States' 1998 Submittals</u>			<u>2 estimates)</u>
NOx	191	191	0
VOC	167	167	0

What industries or other sectors does the state control for the majority of the reductions?

- G Enhanced Inspection and Maintenance
- G Reformulated Gasoline
- G Controls on power plants
- G Controls on coating/printing/painting operations
- G Strongly support Tier II/sulfur in fuel.