




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
RESEARCH TRIANGLE PARK, NC 27711

MAY 20 2005

OFFICE OF
AIR QUALITY PLANNING
AND STANDARDS

MEMORANDUM

SUBJECT: Maintenance Plan Guidance Document for Certain 8-hour Ozone Areas Under Section 110(a)(1) of Clean Air Act

FROM: Lydia N. Wegman, Director 
Air Quality Strategies and Standards Division

TO: Air Division Directors, Regions I-X

SUMMARY

The attached document provides guidance for States in preparing maintenance plans under section 110(a)(1) of the Clean Air Act (CAA) for areas required to do so under 40 CFR 51.905(c) and (d). There are approximately 87 full or partial counties that are affected, listed in Table 2 of the attached document.

BACKGROUND

On April 30, 2004 (69 FR 23858), the Environmental Protection Agency (EPA) designated and classified areas for the 8-hour ground-level ozone National Ambient Air Quality Standard (NAAQS). For most areas, these designations became effective June 15, 2004. Also on April 30, 2004, (69 FR 23951), EPA published the final phase 1 rule for implementation of the 8-hour ozone NAAQS. Section 51.905(c) and (d), established in that rulemaking, set forth requirements for anti-backsliding purposes for areas designated attainment for the 8-hour standard. These provisions require these areas to submit a 10-year maintenance plan under section 110(a)(1) of the CAA if they also were a nonattainment area, or an attainment/unclassifiable area with a section 175A maintenance plan, under the 1-hour ozone standard.

The purpose of this guidance is to address the maintenance requirements in Section 110(a)(1) of the CAA for these areas.

We appreciate Region IV's leadership and the participation of other Regional Offices in the development of this guidance. In addition, State and local air agencies have reviewed and commented on a prior draft.

Please make this guidance available to the affected State and local air pollution control agencies in your region.

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cc: OPSG

**Maintenance Plan Guidance Document for Certain
8-hour Ozone Areas Under Section 110(a)(1) of
Clean Air Act**

**U.S. Environmental Protection Agency
Office of Air Quality Planning and Standards
Research Triangle Park NC 27711**

May 20, 2005

General Applicability

1. What is the purpose of this guidance?

Response: In a Federal Register (FR) notice published April 30, 2004 (69 FR 23858), the Environmental Protection Agency (EPA) designated and classified areas for the 8-hour ground-level ozone national ambient air quality standard (NAAQS). For most areas these designations became effective June 15, 2004.¹ The purpose of this guidance is to address the maintenance requirements in Section 110(a)(1) of the Clean Air Act (CAA) for certain areas designated unclassifiable/attainment for the 8-hour ozone NAAQS. Specifically, the purpose of this document is to give the States guidance in developing a maintenance plan for those areas that are designated as unclassifiable/attainment for the 8-hour ozone standard and that had a designation of either attainment with an approved maintenance plan or nonattainment for the 1-hour ozone standard, as of the effective date of the area's 8-hour ozone standard designation.

2. What is a 110(a)(1) maintenance plan?

Response: A 110(a)(1) maintenance plan is a plan required under Section 110(a)(1) of the CAA. This section of the Act requires that each state adopt and submit to EPA within three years after the promulgation of a NAAQS (under section 109) for any air pollutant, a plan which provides for implementation, maintenance, and enforcement of such primary standard for all areas within the state. The maintenance plan must be submitted to EPA as a state implementation plan (SIP) revision.

3. Does this guidance create new requirements for 8-hour ozone maintenance plans?

Response: No. EPA's Phase 1 Implementation Rule established the requirement that certain areas designated unclassifiable/attainment for the 8-hour ozone NAAQS are required to submit a maintenance plan for the 8-hour ozone NAAQS. See 69 FR 23951 (April 30, 2004). This guidance is consistent with the requirements established in 110(a)(1) of the CAA and the provisions of EPA's Phase 1 Implementation Rule (40 Code of Federal Regulation (CFR) Section 51.905(a) (3) and (4)). This guidance is designed to provide information regarding how States might fulfill the maintenance plan obligation established by the CAA and EPA's Phase 1 Implementation Rule. This document does not substitute for the CAA or EPA's regulations, nor is it a regulation itself. Thus, it does not impose binding, enforceable requirements on any party. EPA retains the discretion to approve SIPs on a case-by-case basis that may differ from this guidance, but still comply with the statute and regulations. This guidance is a living document and may be revised periodically without public notice.

4. What are the different designation scenarios associated with 8-hour ozone and 1-hour

¹ Early Action Compact (EAC) areas will have a later effective date of designation. If any such areas are initially designated unclassifiable/attainment for the 8-hour NAAQS and are attainment with a maintenance plan areas for the 1-hour NAAQS, they will be required to submit a section 110(a)(1) maintenance plan no later than 3 years after the effective date of the area's 8-hour attainment designation.

ozone area designations?

Response: As of the effective date of the 8-hour ozone designations, there are six different scenarios possible with respect to the two NAAQS and their designation status:

- A. Areas that are designated unclassifiable/attainment for the 8-hour ozone NAAQS and are designated unclassifiable/attainment for the 1-hour ozone NAAQS (8UA/1UA)
- B. Areas that are designated unclassifiable/attainment for the 8-hour ozone NAAQS and are designated nonattainment for the 1-hour ozone NAAQS. (8UA/1N)
- C. Areas that are designated unclassifiable/attainment for the 8-hour ozone NAAQS and are designated attainment for the 1-hour ozone NAAQS with an approved maintenance plan. (8UA/1M)
- D. Areas that are designated nonattainment for the 8-hour ozone NAAQS and are designated unclassifiable/attainment for the 1-hour ozone NAAQS. (8N/1UA)
- E. Areas that are designated nonattainment for the 8-hour ozone NAAQS and are designated nonattainment for the 1-hour ozone NAAQS. (8N/1N)
- F. Areas that are designated nonattainment for the 8-hour ozone NAAQS and are designated attainment for the 1-hour ozone NAAQS with an approved maintenance plan. (8N/1M)

Table 1 summarizes the 6 scenarios.

Table 1 - Designation Status of 8-hour Ozone Areas

		1-hour ozone		
		Unclassifiable/ Attainment	Nonattainment	Attainment with a maintenance plan
8-hour ozone	Unclassifiable/ Attainment	Scenario A (8UA/1UA)	Scenario B (8UA/1N)	Scenario C (8UA/1M)
	Nonattainment	Scenario D (8N/1UA)	Scenario E (8N/1N)	Scenario F (8N/1M)

5. Which designation scenarios are addressed in this guidance?

Response: This guidance only addresses areas that fall under scenarios B and C from Table 1: areas that are designated as unclassifiable/attainment for the 8-hour ozone standard and are either nonattainment for the 1-hour standard (scenario B) or are designated attainment with a 175A maintenance plan for the 1-hour ozone standard (scenario C). Table 2 lists the specific scenario B and C areas that are subject to this guidance.

Timing

6. When must a 110(a)(1) maintenance plan for scenario B and C be submitted to EPA?

Response: Under 40 CFR 51.905(a)(3) and (4), States must submit section 110(a)(1) maintenance plans no later than 3 years after the effective date of the area's 8-hour ozone NAAQS designation. For most areas, June 15, 2004, is the effective date of the 8-hour ozone NAAQS designations. Thus, for these areas, the section 110(a)(1) 8-hour ozone maintenance plan must be submitted no later than June 15, 2007.

If the State wishes to revise its existing 1-hour ozone SIP for a scenario B or C area, prior to 3 years after designation, the revision would have to meet sections 110(l) and 193 of the Act. The EPA strongly recommends that the revision be incorporated into a 110(a)(1) maintenance plan that is submitted as part of that revision. Also note that 40 CFR 51.905(e)(1) requires approval of a section 110(a)(1) plan if the State wishes to make either of the following SIP revisions: (a) removing the obligation to submit a maintenance plan for the 1-hour NAAQS 8 years after approval of the initial 1-hour maintenance plan; or (b) removing the obligation to implement contingency measures upon a violation of the 1-hour NAAQS. Please note that scenario C areas that are subject to 175A maintenance plan requirements are still subject to those requirements for as long as those requirements remain a part of the approved SIP.

Maintenance Plan Components

7. What are the components of a 110(a)(1) maintenance plan for scenario B and C areas?

Response: The 8-hour ozone 110(a)(1) maintenance plan constitutes a SIP revision and must provide for continued maintenance of the 8-hour ozone NAAQS in the area for 10 years from the effective date of the area's designation as unclassifiable/attainment for the 8-hour ozone NAAQS. At a minimum, the maintenance plan for scenario B and C areas must include the five following components²:

² A projection of emissions and demonstration of maintenance for 10 years is not required for any affected area if there are essentially no anthropogenic emissions in the nonattainment area. It would be absurd to have a maintenance plan with contingency measures for such an area. In addition, such an area would obviously not result in contributions to downwind nonattainment areas.

Attainment Inventory - The attainment inventory should be based on actual “typical summer day” emissions of volatile organic compounds and nitrogen oxides. The Phase 1 Implementation Rule provides that the 10-year maintenance period begins as of the effective date of designation for the 8-hour NAAQS for the area. For purposes of an attainment emissions inventory, the State may use one of any of the three years on which the 8-hour attainment designation was based (i.e., 2001, 2002, and 2003).³ Because areas are already required to develop an inventory for 2002 under EPA’s Consolidated Emissions Reporting Rule (CERR) (40 CFR Part 51, Subpart A, 67 FR 39602, June 10, 2002), we recommend that areas use that year as the attainment emission inventory base year for the section 110(a)(1) maintenance plan.

Maintenance Demonstration - The key element of a maintenance plan is a demonstration of how the area will remain in compliance with the 8-hour ozone standard for the 10 year period following the effective date of designation as unclassifiable/attainment. The end projection year is 10 years from the effective date of the attainment designation. For areas with an effective date of designation for the 8-hour NAAQS of June 15, 2004, the end projection year may be beyond 2014. However, the maintenance plan must project attainment for 2014.

The typical method that areas have used in the past to demonstrate that an area will maintain the 1-hour standard has been to identify the level of ozone precursor emissions in the area which is sufficient to attain the NAAQS and to show that future emissions of ozone precursors will not exceed the attainment levels. To perform this analysis, for the 8-hour maintenance plan the state needs to develop emission inventories for one of the three years used to establish the area’s attainment status and for the projection year.

Maintenance may also be demonstrated using other methods, such as modeling. A State should work with the EPA Regional Office to determine whether a specific method for demonstrating maintenance is appropriate.

Ambient Air Quality Monitoring - This guidance provides general guidelines for network modification in the context of section 110(a)(1) maintenance areas that need to be applied in light of existing circumstances. Neither States nor EPA should treat these guidelines in ways that create disincentives to monitoring.

The State should continue to operate air quality monitors in accordance with 40 CFR 58 to verify maintenance of the 8-hour ozone standard in the area. Any modification to the ambient air monitoring network, such as removal of duplicative or unnecessary monitors, should be accomplished through close consultation with the EPA Regional office.

Proposed network modifications should be accompanied by technical and statistical analysis sufficient to document a given monitor may be removed because it is unnecessary or duplicative

³ Because EAC areas will have a later effective date of designation, a later year (e.g. 2005, 2006 or 2007) would be used for the purposes of an emissions inventory.

in the case of network reductions or to justify the value of investing in monitoring network enhancements. For purposes of this guidance, duplicative means monitoring for the same purpose and objective. A monitor may be unnecessary when it monitored a violation of the 8-hour standard prior to the latest five complete three-year periods but has monitored attainment for the latest five complete three-year periods.^{4,5} If the monitor is violating for this period, we recommend that the monitoring site be retained. This time period is necessary to confirm that several non-overlapping data periods⁶ show sustained clean air due to strategic emission reductions rather than favorable meteorology.

In accordance with 40 CFR 58, the final network design will be subject to the approval of the Regional Administrator.

Contingency Plan - The State must develop a contingency plan that, at a minimum, will ensure that any violation of the 8-hour ozone NAAQS is promptly corrected. More details regarding the contingency plan are provided in question 11 below. Additional information on contingency measures can also be obtained from the EPA Office of Air Quality Planning and Standards (OAQPS) and the EPA policy *Procedures for Processing Requests to Redesignate Areas to Attainment* (September 4, 1992 John Calcagni memo to Air Directors) located at <http://www.epa.gov/ttncaaa1/t5/meta/m845.html>.

Verification of Continued Attainment - The submittal should indicate how the state will track the progress of the maintenance plan. This is necessary due to the fact that emissions projections made for the maintenance demonstration depend on assumptions of point, area and mobile source growth. One option for tracking the progress of the maintenance demonstration, provided here as an example, would be for the State to periodically update the emissions inventory. The maintenance demonstration should project maintenance during the 10-year period following the date of designation for the 8-hour NAAQS, not simply that the area will be in attainment in the 10th year.

States should develop interim emission projection years to show a trend analysis for maintenance of the standard. These emission projections can also be used as triggers for implementing contingency measures. We recognize that it would be difficult and time-consuming to develop projections for each year of the 10-year period. Therefore, the number of interim projection years should reflect whatever information exists regarding the potential for increases in emissions in the intervening years. For instance, if there is a high probability that emissions will decrease over the 10-year period, fewer interim projections are needed; if it is likely that emissions will increase to such an extent as to jeopardize continued maintenance of the standard – even

⁴(i) years 1, 2, and 3; (ii) years 2, 3 and 4; (iii) years 3, 4 and 5; (iv) years 4, 5, and 6; and (v) years 5, 6, and 7).

⁵Of course, the period 2001-2003 would necessarily have to show attainment attainment, since this guidance applies only to areas initially designated attainment for the 8-hour ozone NAAQS using 2001-2003 data.

⁶E.g., period (i) does not have individual years in common with either period (iv) or(v).

temporarily – over the intervening years, the number of interim projection periods should be sufficient to document that such increases will not interfere with maintenance of the 8-hour ozone standard.

If the precursor emissions projections are higher than the baseline inventory, a demonstration using a methodology selected in consultation with the appropriate EPA Regional office would be needed to show that the increase in emissions continues to achieve compliance with the 8-hour ozone NAAQS.

Where the demonstration is based on modeling, an option for tracking progress would be for the State to periodically (typically every three years) reevaluate the modeling assumptions and input data. In any event, the State should monitor the indicators for triggering contingency measures (as discussed in questions 10 and 11).

Conformity

8. Are scenario B and C areas considered “maintenance areas” for purposes of conformity for the 8-hour standard?

Response: No. Conformity for the 8-hour ozone standard does not apply in 8-hour unclassifiable/attainment areas that are subject to the CAA 110(a)(1) maintenance plan requirements. Conformity applies only to areas that are nonattainment or were nonattainment and were then redesignated to attainment subject to the requirement to develop a maintenance plan under 175A of the Act with respect to a particular NAAQS. See CAA section 176(c)(5) for conformity applicability requirements; see 40 CFR 93.101 and 93.102 for the definition of “maintenance area” and the applicability regulations for transportation conformity, respectively.

Since scenario B and C areas were never designated nonattainment for the 8-hour standard and are not obligated to develop a maintenance plan under 175A for that standard, they are not subject to the conformity requirements for the 8-hour standard. Conformity for the 1-hour ozone standard will continue to apply in existing 1-hour nonattainment and maintenance areas (including scenario B and C areas) until that standard is revoked. When the 1-hour standard is revoked, conformity will not apply for either ozone standard in scenario B and C areas. See 40 CFR 51.905(e)(3).

Second 10-Year Plan Not Required

9. Are scenario B and C areas required to develop a second 10 year maintenance plan that will apply after the first 10 years?

Response: No. The Phase 1 Implementation Rule only requires a maintenance plan for the first 10 years following designation for the 8-hour standard; it does not require areas to adopt a second 10-year maintenance plan as is required for areas subject to the section 175A maintenance plan

requirement. However, contingency plans approved as part of the 110(a)(1) maintenance plan remain in effect and contingency measures could still be triggered if the area violates the 8-hour standard after the initial 10-year period.

Contingency Measures

10. Do 1-hour controls remain in place for 8-hour unclassifiable/attainment areas?

Response: All control measures approved into the SIP remain in effect unless and until EPA approves a SIP revision removing or modifying such measures. For control measures identified as “applicable requirements” in section 51.900(f) of the regulations, the State may not remove a measure from the SIP, but can request modification of the SIP such that the area is no longer required to implement the measure and that it instead be a contingency measure that would be triggered by a future violation of the 8-hour NAAQS. Any SIP revision requesting removal or modification of a control measure in the approved SIP must include a demonstration (as required by section 110(l) and 193 of the Act) that such removal or modification will not interfere with maintenance of the 8-hour standard or any other applicable requirement of the Act. The Phase 1 Rule provides that before EPA will approve a revision to a SIP removing the obligation to implement a contingency measure upon a violation of the 1-hour standard in scenario B and C areas, the state must first submit the section 110(a)(1) maintenance plan for the 8-hour NAAQS. See 40 CFR 51.905 (e)(1).

See the 110(l) guidance document and 40 CFR 51.905(c) for more details on requirements for modifying or removing 1-hour controls in 8-hour unclassifiable/attainment areas.

11. What is an 8-hour ozone 110(a)(1) contingency plan?

Response: The Phase 1 Rule requires the section 110(a)(1) maintenance plan for scenario B and C areas to include contingency provisions, as necessary, to promptly correct any violation of the NAAQS that occurs (51.905(a)(3)(iii) and (4) (ii)). The contingency plan should ensure that the contingency measures are adopted expeditiously once they are triggered. Consistent with the manner in which EPA has interpreted the analogous requirements for contingency measures in section 175A, EPA believes that the SIP should contain an enforceable commitment to adopt and implement the contingency measures in a timely fashion once they are triggered. To do so, the plan should clearly identify the measures to be adopted and a schedule and procedure for adoption and implementation, and a specific time limit for action by the State. The schedule for adoption and implementation should be as expeditious as practicable, but no longer than 24 months. The State should also identify specific indicators, or triggers, which will be used to determine when the contingency measures need to be adopted and implemented.

The trigger for implementation of contingency measures should, at a minimum, be upon a monitored violation of 8-hour ozone NAAQS. Another recommended trigger is when the area exceeds the precursor emission levels upon which maintenance is based. Because the State may

need to adopt as well as implement the contingency measures and such action could take some time, we recommend that the State consider a trigger that would occur prior to a violation of the NAAQS. Early triggers could avoid violations of the NAAQS, thus ensuring citizens are not exposed to unhealthy levels of air pollution and also eliminating the potential for redesignation to nonattainment based upon a violation of the NAAQS.

Table 2

1-hour Ozone Nonattainment/Maintenance Counties where at least a portion of the county was designated unclassifiable/attainment for the 8-hour standard as of June 15, 2004.

Listed by Region, State, Areas and County

With Classification, Nonattainment/Maintenance Status, P=Part, Part County Description, Rural Transport (RT)

Region/State	8- Hour Ozone Unclassifiable/Attainment Areas		1-hour Designation Data	
	8-hour Attainment Area	8- hour Attainment Area Counties/Cities/Towns	1-Hour Area	Designation Status
Region 1				
NEW HAMPSHIRE	NH Hillsborough Co P	Mont Vernon Town, Wilton Town	Boston-Lawrence-Worcester (E. MA), MA-NH	Serious Nonattainment
	NH Hillsborough Co P	Includes only the following cities and towns: Antrim Town, Bennington Town, Deering Town, Frankestown Town, Greenfield Town, Greenville Town, Hancock Town, Hillsborough Town, Lyndeborough Town, Mason Town, New Boston Town, New Ipswich Town, Peterborough Town, Sharon Town, Temple Town, Weare Town, Windsor Town	Manchester, NH	Marginal Nonattainment
	NH Merrimack Co P	The entire county except the following town: Hooksett		
	NH Rockingham Co P	Includes only the following cities and towns: Deerfield Town, Northwood Town, Nottingham Town		
	NH Strafford Co P	The entire county except the following cities and towns: Dover, Durham, Rochester, Rollinsford, and Somersworth		Portsmouth-Dover-Rochester, NH

Region/State	8- Hour Ozone Unclassifiable/Attainment Areas		1-hour Designation Data		
	8-hour Attainment Area	8-hour Attainment Area Counties/Cities/Towns	1-Hour Area	Designation Status	
MAINE	Cheshire Co, NH Incomplete Data Nonattainment	NH Cheshire Co	NH Cheshire Co	Incomplete Data Nonattainment	
	ME Hancock Co P	Entire county excluding the following cities and towns: Bar Harbor, Blue Hill, Brooklin, Brooksville, Cranberry Isles, Deer Isle, Frenchboro, Gouldsboro, Hancock, Lamaine, Mount Desert, Sedgwick, Sorrento, Southwest Harbor, Stonington, Sullivan, Surry, Swans Island, Tremont, Trenton, and Winter Harbor	Hancock & Waldo Cos, ME	Marginal Maintenance	
	ME Waldo Co P	Entire county excluding the following town): Islesboro			
	ME Knox Co P	Entire county excluding the following cities and towns: Camden, Criehaven, Cushing, Friendship, Isle au Haut, Matinicus Isle, Muscle Ridge Shoals, North Haven, Owls Head, Rockland, Rockport, St. George, South Thomaston, Thomaston, Vinalhaven, and Warren		Knox & Lincoln Co.s, ME	Moderate Nonattainment
	ME Lincoln Co P	Entire county excluding the following cities and towns: Alna, Boothbay, Boothbay Harbor, Breman, Bristol, Damariscotta, Dresden, Edgcomb, Monhégan, Newcastle, Nobleboro, South Bristol, Southport, Waldoboro, Westport, and Wiscasset			
	ME Androscoggin Co P	Entire county excluding the following town: Durham		Lewiston-Auburn, ME	Moderate Nonattainment

Region/State	8- Hour Ozone Unclassifiable/Attainment Areas		1-hour Designation Data	
	8-hour Attainment Area	8-hour Attainment Area Counties/Cities/Towns	1-Hour Area	Designation Status
	ME Cumberland Co P	Entire county excluding the following cities and towns: Brunswick, Cape Elizabeth, Casco, Cumberland, Falmouth, Freeport, Frye Island, Gorham, Gray, Harpswell, Long Island, New Gloucester, North Yarmouth, Portland, Pownal, Raymond, Scarborough, South Portland, Standish, Westbrook, Windham, and Yarmouth	Portland, ME	Moderate Nonattainment
	ME York Co P	Entire county excluding the following cities and towns: Alfred, Arundel, Berwick, Biddeford, Buxton, Dayton, Elliot, Hollis, Kennebunk, Kennebunkport, Kittery, Limington, Lyman, North Berwick, Ogunquit, Old Orchard Beach, Saco, Sanford, South Berwick, Wells, and York		
Region 3				
PENNSYLVANIA	PA Somerset Co	PA Somerset Co	Johnstown, PA	Marginal Nonattainment
	PA Columbia Co	PA Columbia Co	Scranton-Wilkes-Barre, PA	Marginal Nonattainment
	PA Crawford Co	PA Crawford Co	Crawford Co, PA	Incomplete Data Nonattainment
	PA Juniata Co	PA Juniata Co	Juniata Co, PA	Incomplete Data Nonattainment
	PA Lawrence Co	PA Lawrence Co	Lawrence Co, PA	Incomplete Data Nonattainment
	PA Northumberland Co	PA Northumberland Co	Northumberland Co, PA	Incomplete Data Nonattainment

Region/State	8-Hour Ozone Unclassifiable/Attainment Areas		1-hour Designation Data	
	8-hour Attainment Area	8-hour Attainment Area Counties/Cities/Towns	1-Hour Area	Designation Status
VIRGINIA	PA Pike Co	PA Pike Co	Pike Co, PA	Incomplete Data Nonattainment
	PA Schuylkill Co	PA Schuylkill Co	Schuylkill Co, PA	Incomplete Data Nonattainment
	PA Snyder Co	PA Snyder Co	Snyder Co, PA	Incomplete Data Nonattainment
	PA Susquehanna Co	PA Susquehanna Co	Susquehanna Co, PA	Incomplete Data Nonattainment
	PA Warren Co	PA Warren Co	Warren Co, PA	Incomplete Data Nonattainment
	PA Wayne Co	PA Wayne Co	Wayne Co, PA	Incomplete Data Nonattainment
	VA Smyth Co	The portion of White Top Mountain above the 4,500 feet elevation in Smyth county.	Smyth Co, VA (White Top Mtn)	Marginal RT Nonattainment
	WV Greenbrier Co	WV Greenbrier Co	Greenbrier Co, WV	Marginal Maintenance
	WEST VIRGINIA			
Region 4				
FLORIDA	FL Duval Co	FL Duval Co	Jacksonville, FL	Section 185A Maintenance

Region/State	8- Hour Ozone Unclassifiable/Attainment Areas		1-hour Designation Data	
	8-hour Attainment Area	8-hour Attainment Area Counties/Cities/Towns	1-Hour Area	Designation Status
	FL Broward Co	FL Broward Co	Miami-Fort Lauderdale-W. Palm Beach, FL	Moderate Maintenance
	FL Miami-Dade Co	FL Miami-Dade Co		
	FL Palm Beach Co	FL Palm Beach Co		
	FL Hillsborough Co	FL Hillsborough Co	Tampa-St. Petersburg-Clearwater, FL	Marginal Maintenance
	FL Pinellas Co	FL Pinellas Co		
	KENTUCKY	KY Greenup Co P	The area bounded as follows: Beginning at a point where the Ohio River meets the Greenup-Boyd County Line; proceeding southwest along the Greenup-Boyd County Line to the junction of the East Fork of the Little Sandy River and the Greenup-Boyd County Line; proceeding north and west along the East Fork of the Little Sandy River to the confluence of the Little Sandy River; proceeding north along the Little Sandy River to the confluence of the Ohio River;proceeding east along the Ohio River to the beginning.	Huntington-Ashland, WV-KY
	KY Fayette Co	KY Fayette Co	Lexington-Fayette, KY	Marginal Maintenance
	KY Scott Co	KY Scott Co		
	KY Daviess Co	KY Daviess Co	Owensboro, KY	Marginal Maintenance

Region/State	8- Hour Ozone Unclassifiable/Attainment Areas		1-hour Designation Data	
	8-hour Attainment Area	8-hour Attainment Area Counties/Cities/Towns	1-Hour Area	Designation Status
	KY Hancock Co P	The area bounded as follows: Beginning at the Intersection of U.S. 60 and the Hancock-Daviess County Line; proceeding east along U.S. 60 to the intersection of Yellow Creek and U.S. 60; proceeding north and west along Yellow Creek to the confluence of the Ohio River; proceeding west along the Ohio River to the confluence of Blackford Creek; proceeding south and east along Blackford Creek to the beginning.		
	KY Edmonson Co	KY Edmonson Co	Edmonson Co, KY	Marginal RT Maintenance
	KY Livingston Co P	The area bounded as follows: Beginning at the point where the Marshall, McCracken, and Livingston County Lines meet; proceeding due north to the Ohio River; proceeding east along the Ohio River and that part of the Livingston County Line to the northern most point of Cumberland Island and then south to the point of confluence of the Cumberland River; proceeding east on the Cumberland River to the intersection of U.S. 60 and the Cumberland River; proceeding north on U.S. 60 to the junction of Joe Grimmet Road and U.S. 60; proceeding to the end of Joe Grimmet Road and extending a line from that point to the junction of U.S. 70 and Heater Store Road; proceeding south along Heater Store Road to the intersection of Ky 1889 and Heater Store Road; proceeding south on Harvey Road to the junction of Ky 453 and Harvey Road; proceeding west on Ky 453 to the junction of Haddock Road and Ky 453; proceeding south along Haddock Road to the Tennessee River (at Haddock Ferry); proceeding west on the Tennessee River to the beginning	Paducah, KY	Marginal Maintenance

Region/State	8- Hour Ozone Unclassifiable/Attainment Areas		1-hour Designation Data	
	8-hour Attainment Area	8-hour Attainment Area Counties/Cities/Towns	1-Hour Area	Designation Status
SOUTH CAROLINA	SC Cherokee Co	SC Cherokee Co	Cherokee Co, SC	Marginal Maintenance
Region 5				
MICHIGAN	MI Bay Co	MI Bay Co	Saginaw-Bay City-Midland, MI	Incomplete Data Maintenance
	MI Midland Co	MI Midland Co		
	MI Saginaw Co	MI Saginaw Co		
OHIO	OH Preble Co	OH Preble Co	Preble Co, OH	Section 185A Maintenance
WISCONSIN	WI Walworth Co	WI Walworth Co	Walworth Co, WI	Marginal Maintenance
Region 6				
LOUISIANA	LA Lafayette Par	LA Lafayette Par	Lafayette, LA	Section 185A Maintenance
	LA Calcasieu Par	LA Calcasieu Par	Lake Charles, LA	Marginal Maintenance
	LA Jefferson Par	LA Jefferson Par	New Orleans, LA	Section 185A Maintenance
	LA Orleans Par	LA Orleans Par		
	LA St Bernard Par	LA St Bernard Par		
	LA St Charles Par	LA St Charles Par		
	LA Beaugard Par	LA Beaugard Par	Beaugard Par, LA	Incomplete Data Maintenance

Region/State	8-Hour Ozone Unclassifiable/Attainment Areas		1-hour Designation Data	
	8-hour Attainment Area	8-hour Attainment Area Counties/Cities/Towns	1-Hour Area	Designation Status
	LA Grant Par	LA Grant Par	Grant Par, LA	Incomplete Data Maintenance
	LA Lafourche Par	LA Lafourche Par	LaFourche Par, LA	Incomplete Data Maintenance
	LA Pointe Coupee Par	LA Pointe Coupee Par	Pointe Coupee Parish, LA	Incomplete Data Maintenance
	LA St James Par	LA St James Par	St James Par, LA	Incomplete Data Maintenance
	LA St Mary Par	LA St Mary Par	St Mary Par, LA	Incomplete Data Maintenance
	NEW MEXICO	NM Dona Ana Co P	Dona Ana Co The area bounded by the New Mexico-Texas State line on the east, the New Mexico-Mexico international line on the south, the Range 3E-Range 2E line on the west, and the N3200 latitude line on the north.	Sunland Park, NM
TEXAS	TX El Paso Co	TX El Paso Co	El Paso, TX	Serious Nonattainment
	TX Victoria Co	TX Victoria Co	Victoria, TX	Incomplete Data Maintenance
Region 7				
KANSAS and MISSOURI	KS Johnson Co	KS Johnson Co	Kansas City, MO-KS	Other Maintenance
	KS Wyandotte Co	KS Wyandotte Co		

Region/State	8-Hour Ozone Unclassifiable/Attainment Areas		1-hour Designation Data	
	8-hour Attainment Area	8-hour Attainment Area Counties/Cities/Towns	1-Hour Area	Designation Status
Region 8	MO Clay Co	MO Clay Co		
	MO Jackson Co	MO Jackson Co		
	MO Platte Co	MO Platte Co		
UTAH	UT Davis Co	UT Davis Co	Salt Lake City, UT	Moderate Maintenance
	UT Salt Lake Co	UT Salt Lake Co		
Region 9				
ARIZONA	AZ Maricopa Co P	Gila River Indian tribe area	Phoenix, AZ	Serious Nonattainment
CALIFORNIA	CA Kern Co P	Indian Wells Valley planning area: That portion of Kern County contained within Hydrologic Unit #18090205. (redesignated to attainment/maintenance on 06/21/04)	East Kern Co, CA	Serious Nonattainment on June 15, 2004
	CA Monterey Co	CA Monterey Co	Monterey Bay, CA	Moderate Maintenance
	CA San Benito Co	CA San Benito Co		
	CA Santa Cruz Co	CA Santa Cruz Co		

Region/State	8-Hour Ozone Unclassifiable/Attainment Areas		1-hour Designation Data			
	8-hour Attainment Area	8-hour Attainment Area Counties/Cities/Towns	1-Hour Area	Designation Status		
	CA San Diego Co P	<p>That portion of San Diego County that includes the areas listed below: La Posta Areas #1 and #2 Cuyapaipa Area Manzanita Area Campo Areas #1 and #2 The boundaries for these designated areas are based on coordinates of latitude and longitude derived from EPA Region 9's GIS database and are illustrated in a map entitled "Eastern San Diego County Attainment Areas for the 8-Hour Ozone NAAQS," dated March 9, 2004, including an attached set of coordinates. The map and attached set of coordinates are available at EPA's Region 9 Air Division office. The designated areas roughly approximate the boundaries of the reservations for these tribes, but their inclusion in this table is intended for CAA planning purposes only and is not intended to be a federal determination of the exact boundaries of the reservations. Also, the specific listing of these tribes in this table does not confer, deny, or withdraw Federal recognition of any of the tribes so listed nor any of the tribes not listed.</p>	San Diego, CA	Serious Maintenance		
	CA Santa Barbara Co		CA Santa Barbara Co		Santa Barbara-Santa Maria-Lompoc, CA	Serious Maintenance
	CA Sutter Co P		Excluding that portion of the Sutter Buttes mountain range at or above 2,000 feet in elevation.		Yuba City, CA	
NEVADA	CA Yuba Co	CA Yuba Co				
	NV Washoe Co	NV Washoe Co	Reno, NV	Marginal Nonattainment		
Region 10						

Region/State	8- Hour Ozone Unclassifiable/Attainment Areas		1-hour Designation Data	
	8-hour Attainment Area	8-hour Attainment Area Counties/Cities/Towns	1-Hour Area	Designation Status
OREGON	OR Marion Co P	OR Marion Co P	Salem, OR	Incomplete Data Nonattainment
	OR Polk Co P	OR Polk Co P		
	Salem Area Transportation Study	Salem Area Transportation Study		

Region/State	8-Hour Ozone Unclassifiable/Attainment Areas		1-hour Designation Data	
	8-hour Attainment Area	8-hour Attainment Area Counties/Cities/Towns	1-Hour Area	Designation Status
WASHINGTON	WA King Co P	<p>The following boundary includes all of Pierce County, and all of King County except a small portion on the northeast corner and the western portion of Snohomish County: Starting at the mouth of the Nisqually river extend northwesterly along the Pierce County line to the southernmost point of the west county line of King County; thence northerly along the county line to the southernmost point of the west county line of Snohomish County; thence northerly along the county line to the intersection with SR 532; thence easterly along the north line of SR 532 to the intersection of I-5, continuing east along the same road now identified as Henning Rd, to the intersection with SR 9 at Bryant; thence continuing easterly on Bryant East Rd. and Rock Creek Rd., also identified as Grandview Rd., approximately 3 miles to the point at which it is crossed by the existing BPA electrical transmission line; thence southeasterly along the BPA transmission line approximately 8 miles to point of the crossing of the south fork of the Stillaguamish River; thence continuing in a south-easterly direction in a meander line following the bed of the River to Jordan Road; southerly along Jordan Road to the north city limits of Granite Falls; thence following the north and east city limits to 92nd St. N.E. and Menzel Lake Rd.; thence south-southeasterly along the Menzel Lake Rd. and the Lake Roesiger Rd. a distance of approximately 6 miles to the northernmost point of Lake Roesiger; thence southerly along a meander line following the middle of the Lake and Roesiger Creek to Woods Creek; thence southerly along a meander line following the bed of the Creek approximately 6 miles to the point the Creek is crossed by the existing BPA electrical transmission line; thence easterly along the BPA transmission line approximately 0.2 miles; thence southerly along the BPA Chief Joseph-Covington electrical transmission line approximately 3 miles to the north line of SR 2; thence southeasterly along SR 2 to the intersection with the east county line of King county; thence south along the county line to the northernmost point of the east county line of Pierce County; thence along the county line to the point of beginning at the mouth of the Nisqually River.</p>	Seattle-Tacoma, WA	Marginal Maintenance
	WA Pierce Co	WA Pierce Co		

Region/State	8-Hour Ozone Unclassifiable/Attainment Areas		1-hour Designation Data	
	8-hour Attainment Area	8-hour Attainment Area Counties/Cities/Towns	1-Hour Area	Designation Status
	WA Snohomish Co P	Snohomish Co The following boundary includes all of Pierce County, and all of King County except a small portion on the northeast corner and the western portion of Snohomish County: Starting at the mouth of the Nisqually river extend northwesterly along the Pierce County line to the southernmost point of the west county line of King County; thence northerly along the county line to the southernmost point of the west county line of Snohomish County; thence northerly along the county line to the intersection with SR 532; thence easterly along the north line of SR 532 to the intersection of I-5, continuing east along the same road now identified as Henning Rd, to the intersection with SR 9 at Bryant; thence continuing easterly on Bryant East Rd. and Rock Creek Rd., also identified as Grandview Rd., approximately 3 miles to the point at which it is crossed by the existing BPA electrical transmission line; thence southeasterly along the BPA transmission line approximately 8 miles to point of the crossing of the south fork of the Stillaguamish River; thence continuing in a south-easterly direction in a meander line following the bed of the River to Jordan Road; southerly along Jordan Road to the north city limits of Granite Falls; thence following the north and east city limits to 92nd St. N.E. and Menzel Lake Rd.; thence south-southeasterly along the Menzel Lake Rd. and the Lake Roesiger Rd. a distance of approximately 6 miles to the northernmost point of Lake Roesiger; thence southerly along a meander line following the middle of the Lake and Roesiger Creek to Woods Creek; thence southerly along a meander line following the bed of the Creek approximately 6 miles to the point the Creek is crossed by the existing BPA electrical transmission line; thence easterly along the BPA transmission line approximately 0.2 miles; thence southerly along the BPA Chief Joseph-Covington electrical transmission line approximately 3 miles to the north line of SR 2; thence southeasterly along SR 2 to the intersection with the east county line of King county; thence south along the county line to the northernmost point of the east county line of Pierce County; thence along the county line to the point of beginning at the mouth of the Nisqually River.		
OREGON and WASHINGTON	OR Clackamas Co P	OR Clackamas Co P	Portland-Vancouver AQMA, OR-WA	Marginal Maintenance
	OR Multnomah Co P	OR Multnomah Co P		

Region/State	8- Hour Ozone Unclassifiable/Attainment Areas		1-hour Designation Data	
	8-hour Attainment Area	8-hour Attainment Area Counties/Cities/Towns	1-Hour Area	Designation Status
	OR Washington Co P	OR Washington Co P		
	WA Clark Co P	WA Clark Co P		
	Air Quality Maintenance Area	Air Quality Maintenance Area		