



STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
NASHVILLE, TENNESSEE 37243-0435

ROBERT J. MARTINEAU, JR.  
COMMISSIONER

BILL HASLAM  
GOVERNOR

September 29, 2016

Heather McTeer Toney, Regional Administrator  
U.S. EPA, Region 4 Office  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street, SW  
Atlanta, GA 30303

RE: State of Tennessee Designation Recommendations for the 2015 Ozone National Ambient Air Quality Standards (NAAQS)

Dear Ms. Toney:

The United States Environmental Protection Agency (EPA) revised the primary and secondary eight-hour NAAQS for ozone to 0.070 parts per million on October 1, 2015. Section 107(d) of the Federal Clean Air Act requires the governor or a designee of each state to submit to the EPA a list of all areas with a designation recommendation of attainment, nonattainment, or unclassifiable, within one year of promulgation of a new or revised NAAQS. This letter details the designation recommendation for the State of Tennessee and provides supporting documentation for the recommendations.

Certified air monitoring data from monitors in the State of Tennessee, as well as monitors outside of Tennessee but in CBAs or CBSAs that include portions of Tennessee, were evaluated to determine the 3-year design value from 2013-2015. Based on this data, all areas in the State of Tennessee are meeting the revised ozone standard. As such, the Tennessee Department of Environment & Conservation recommends that all counties in Tennessee be designated "unclassifiable/attainment" consistent with historical EPA designation practices for areas attaining an ambient air quality standard. This recommendation is based on the three most recent years of certified, quality-assured air data from the current regulatory monitoring network for the years 2013 through 2015 (see Attachments A and B).

Heather McTeer Toney  
September 29, 2016  
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Sincerely,



Robert J. Martineau, Jr.  
Commissioner  
Tennessee Department of Environment and Conservation

attachments

c: Jeneanne Gettle, EPA Region 4  
Scott Davis, EPA Region 4  
Lynorae Benjamin, EPA Region 4  
Jane Spann, EPA Region 4  
Brad Akers, EPA Region 4  
Michelle Owenby, Division of Air Pollution Control  
Jimmy Johnston, Division of Air Pollution Control  
Tennessee Air Pollution Control Board  
Tennessee Local Air Programs

## ATTACHMENT A

### STATE OF TENNESSEE 2015 EIGHT-HOUR OZONE NAAQS DESIGNATION RECOMMENDATION

The following table identifies the Tennessee counties and the designation that the State of Tennessee is recommending for the 2015 eight-hour ozone NAAQS.

<b>Area</b>	<b>Recommended Designation</b>
Anderson County	Unclassifiable/Attainment
Bedford County	Unclassifiable/Attainment
Benton County	Unclassifiable/Attainment
Bledsoe County	Unclassifiable/Attainment
Blount County	Unclassifiable/Attainment
Bradley County	Unclassifiable/Attainment
Campbell County	Unclassifiable/Attainment
Cannon County	Unclassifiable/Attainment
Carroll County	Unclassifiable/Attainment
Carter County	Unclassifiable/Attainment
Cheatham County	Unclassifiable/Attainment
Chester County	Unclassifiable/Attainment
Claiborne County	Unclassifiable/Attainment
Clay County	Unclassifiable/Attainment
Cocke County	Unclassifiable/Attainment
Coffee County	Unclassifiable/Attainment
Crockett County	Unclassifiable/Attainment
Cumberland County	Unclassifiable/Attainment
Davidson County	Unclassifiable/Attainment
Decatur County	Unclassifiable/Attainment
DeKalb County	Unclassifiable/Attainment
Dickson County	Unclassifiable/Attainment
Dyer County	Unclassifiable/Attainment
Fayette County	Unclassifiable/Attainment
Fentress County	Unclassifiable/Attainment
Franklin County	Unclassifiable/Attainment
Gibson County	Unclassifiable/Attainment
Giles County	Unclassifiable/Attainment
Grainger County	Unclassifiable/Attainment
Greene County	Unclassifiable/Attainment

Grundy County	Unclassifiable/Attainment
Hamblen County	Unclassifiable/Attainment
Hamilton County	Unclassifiable/Attainment
Hancock County	Unclassifiable/Attainment
Hardeman County	Unclassifiable/Attainment
Hardin County	Unclassifiable/Attainment
Hawkins County	Unclassifiable/Attainment
Haywood County	Unclassifiable/Attainment
Henderson County	Unclassifiable/Attainment
Henry County	Unclassifiable/Attainment
Hickman County	Unclassifiable/Attainment
Houston County	Unclassifiable/Attainment
Humphreys County	Unclassifiable/Attainment
Jackson County	Unclassifiable/Attainment
Jefferson County	Unclassifiable/Attainment
Johnson County	Unclassifiable/Attainment
Knox County	Unclassifiable/Attainment
Lake County	Unclassifiable/Attainment
Lauderdale County	Unclassifiable/Attainment
Lawrence County	Unclassifiable/Attainment
Lewis County	Unclassifiable/Attainment
Lincoln County	Unclassifiable/Attainment
Loudon County	Unclassifiable/Attainment
McMinn County	Unclassifiable/Attainment
McNairy County	Unclassifiable/Attainment
Macon County	Unclassifiable/Attainment
Madison County	Unclassifiable/Attainment
Marion County	Unclassifiable/Attainment
Marshall County	Unclassifiable/Attainment
Maury County	Unclassifiable/Attainment
Meigs County	Unclassifiable/Attainment
Monroe County	Unclassifiable/Attainment
Montgomery County	Unclassifiable/Attainment
Moore County	Unclassifiable/Attainment
Morgan County	Unclassifiable/Attainment
Obion County	Unclassifiable/Attainment
Overton County	Unclassifiable/Attainment
Perry County	Unclassifiable/Attainment
Picket County	Unclassifiable/Attainment
Polk County	Unclassifiable/Attainment

Putnam County	Unclassifiable/Attainment
Rhea County	Unclassifiable/Attainment
Roane County	Unclassifiable/Attainment
Robertson County	Unclassifiable/Attainment
Rutherford County	Unclassifiable/Attainment
Scott County	Unclassifiable/Attainment
Sequatchie County	Unclassifiable/Attainment
Sevier County	Unclassifiable/Attainment
Shelby County	Unclassifiable/Attainment
Smith County	Unclassifiable/Attainment
Stewart County	Unclassifiable/Attainment
Sullivan County	Unclassifiable/Attainment
Sumner County	Unclassifiable/Attainment
Tipton County	Unclassifiable/Attainment
Trousdale County	Unclassifiable/Attainment
Unicoi County	Unclassifiable/Attainment
Union County	Unclassifiable/Attainment
Van Buren County	Unclassifiable/Attainment
Warren County	Unclassifiable/Attainment
Washington County	Unclassifiable/Attainment
Wayne County	Unclassifiable/Attainment
Weakley County	Unclassifiable/Attainment
White County	Unclassifiable/Attainment
Williamson County	Unclassifiable/Attainment
Wilson County	Unclassifiable/Attainment

## ATTACHMENT B

### CERTIFIED 2013 THROUGH 2015 EIGHT-HOUR OZONE DESIGN VALUES

The Tennessee Department of Environment and Conservation has calculated the eight-hour ozone design values for Tennessee counties with regulatory monitors and monitors in neighboring states that are part of Tennessee CSAs or CSBAs in support of the State's designation recommendation for the 2015 Ozone National Ambient Air Quality Standards

County	Site Name	Monitor ID	2103 4th Max	2014 4th Max	2015 4th Max	2013-2015 Design Value (ppm)
Anderson	Freels Bend Study Area Melton Lake	470010101 - 1	0.060	0.060	0.065	0.061
Blount	Great Smokey Mountains NP – Look Rock	470090101 - 1	0.064	0.064	0.068	0.065
Blount	Great Smokey Mountains NP – Cades Cove	470090102 - 1	0.059	0.058	0.060	0.059
Davidson	1015 Trinity Lane	470370011 - 1	0.055	0.065	0.067	0.062*
Davidson	Percy Priest	470370026 - 1	0.060	.071	0.064	0.065
Hamilton	Volunteer Army Ammunition Plant	470654003 - 1	0.064	0.067	0.068	0.066
Hamilton	Ridgetrail Road	470651011 - 1	0.061	0.064	0.068	0.064
Jefferson	1188 Lost Creek Road	470890002 - 1	0.065	0.067	0.070	0.067
Knox	9315 Rutledge Pike Mascot TN	470930021 - 1	0.057	0.060	0.066	0.061
Knox	3625 Mildred Lane	470931020 - 1	0.061	0.063	0.066	0.063
Louden	1703 Roberts Road	471050109 - 1	0.061	0.067	0.069	0.066
Sevier	Great Smokey Mountains NP – Cove Mountain	471550101 - 1	0.065	0.068	0.067	0.066
Sevier	Great Smokey Mountains NP – Clingmans Dome	471550102 - 1	0.062	0.065	0.065	0.064*
Shelby	1330 Frayser Blvd	471570021 - 1	0.069	0.067	0.065	0.067
Shelby	6855 Mudville Road – Edmond Orgill Park	471571004 - 1	0.063	0.065	0.066	0.064
Shelby	Shelby Farms	471570075 - 1	0.069	0.066	0.066	0.067
Sullivan	Hill Road	471632002 - 1	0.063	0.065	0.065	0.064
Sullivan	Ketron Middle School – Bloomingdale Road	471632003 - 1	0.063	0.061	0.066	0.063
Sumner	Rockland Recreation Area – Old Hickory Dam	471650007 - 1	0.068	0.066	0.067	0.067
Williamson	Fairview Middle School – Crow Cut Road	471870106 - 1	0.062	0.063	0.061	0.062
Wilson	Cedars of Lebanon State Park	471890103 - 1	0.062	0.064	0.061	0.062
Claiborne	SPD 718 Russell Hill Road, Speedwell TN	470259991 - 1	0.061	0.065	0.061	0.062
DeKalb	ESP Edgar Evans State Park – Smithville TN	470419991 - 1	0.062	0.062	0.061	0.061
Christian	Hopkinsville, Kentucky	470419991 - 1	0.062	0.065	0.062	0.063
DeSoto	5 East South Mississippi	280330002 - 1	0.065	0.067	0.061	0.064
Crittenden	Marion, Arkansas	050350005 - 1	0.067	0.067	0.066	0.066

\*The 2013-2015 design value is not valid due to data incompleteness

Data Source: EPA Design Value Reports 2013-12015 – <https://www.epa.gov/air-quality-design-values>