west virginia department of environmental protection

Executive Office
601 57th Street SE
Charleston, WV 25304

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.wvdep.gov

September 29, 2016

Mr. Shawn M. Garvin
Regional Administrator
U.S. EPA Region 3 (3RA00)
1650 Arch Street
Philadelphia, PA 19103-2029

RE: West Virginia Initial Designations for the 2015 Ozone National Ambient Air Quality Standards

Dear Administrator Garvin:

On October 1, 2015, the Environmental Protection Agency (EPA) promulgated revised primary and secondary Ozone National Ambient Air Quality Standards (NAAQS) to provide requisite protection of public health and welfare, respectively. The final rule was published in the Federal Register on October 26, 2015 [80 FR 65292], strengthening both standards to a level of 0.070 parts per million (ppm), while retaining their indicators (O_3), averaging times (eight hours), and forms (fourth-highest daily maximum, averaged across three consecutive years).

In accordance with Section 107(d) of the Clean Air Act (CAA), the State of West Virginia is submitting our initial designations for the revised NAAQS by 1 year after October 1, 2015 [80 FR 65438]. Due to the form of the 2015 Ozone NAAQS relying on a 3-year average, the 3 most recent years of quality assured monitoring data available, 2013 to 2015, were used by the state on which to base our recommendations.

Based upon the latest certified data which has been completely uploaded to EPA's Air Quality System (AQS), for the eight hour, fourth-highest daily maximum for Ozone, averaged across the most recent three consecutive years (2013 to 2015), West Virginia has determined the initial area designations based on the 2015 Ozone NAAQS to be unclassifiable/attainment statewide. Please see the enclosed area list and accompanying air quality design value summary.

Our agency calculated design values pursuant to the Code of Federal Regulations Title 40 Part 50, Appendix I.

If you have any questions regarding this submittal or require additional information, please contact Mr. Fred Durham, Director of the Division of Air Quality at (304) 926-0462.

Sincerely,

Randy C. Huffman
Cabinet Secretary

cc: William F. Durham, WV DAQ
Cristina Fernandez, EPA Region 3 (3AP00)

Attachments (2)

State of West Virginia
2015 Ozone National Ambient Air Quality Standards
Initial Area Designations
September 2016

WEST VIRGINIA – OZONE (2015 8-HOUR STANDARD)

Designated Area	Designation Type
Statewide:	Unclassifiable/Attainment
Barbour	
Berkeley	
Boone	
Braxton	
Brooke	
Cabell	
Calhoun	
Clay	
Doddridge	
Fayette	
Gilmer	
Grant	
Greenbrier	
Hampshire	
Hancock	
Hardy	
Harrison	
Jackson	
Jefferson	
Kanawha	
Lewis	
Lincoln	
Logan	
Marion	
Marshall	
Mason	
McDowell	
Mercer	
Mineral	
Mingo	
Monongalia	
Monroe	
Morgan	
Nicholas	
Ohio	
Pendleton	
Pleasants	
Pocahontas	
Preston	
Putnam	
Raleigh	
Randolph	
Ritchie	
Roane	
Summers	
Taylor	
Tucker	
Tyler	
Upshur	
Wayne	
Webster	
Wetzel	
Wirt	
Wood	
Wyoming	

West Virginia
Primary 8-Hour Ozone Standard Analysis

(standard not attained when the 4th highest daily maximum 8-hour concentration, averaged over three (3) years, exceeds 0.070 ppm)

DATE	8 hr average	08-10 average	DATE	8 hr average	09-11 average	DATE	8 hr average	10-12 average	DATE	8 hr average	11-13 average	DATE	8 hr average	12-14 average	DATE	8 hr average	13-15 average
CHARLESTON																	
7/8/10	.087	.078	7/1/11	.091	.082	6/29/12	.082	.086	4/21/13	.074	.082	8/27/14	.070	.075	5/7/15	.072	.072
9/2/10	.074	.073	9/2/11	.091	.077	7/6/12	.076	.080	4/18/13	.071	.079	7/11/14	.069	.072	5/8/15	.070	.070
7/27/10	.071	.071	9/3/11	.090	.075	8/23/12	.075	.078	4/20/13	.068	.078	4/21/14	.067	.070	5/6/15	.069	.068
6/21/10	.070	.069	7/6/11	.080	.070	5/26/12	.073	.074	5/15/13	.067	.073	8/5/14	.067	.069	9/16/15	.067	.067
4/15/10	.068	.068	6/6/11	.077	.068	8/30/12	.073	.072	6/20/13	.067	.072	8/29/14	.066	.069	8/16/15	.066	.066
GREENBRIER COUNTY																	
4/13/10	.073	.072	8/18/11	.069	.070	6/29/12	.082	.074	5/15/13	.069	.073	5/6/14	.068	.073	5/4/15	.061	.066
4/15/10	.072	.069	4/7/11	.065	.067	6/28/12	.072	.069	4/6/13	.063	.067	4/19/14	.062	.066	4/20/15	.059	.061
4/12/10	.071	.067	6/2/11	.065	.066	8/8/12	.066	.067	4/5/13	.061	.064	4/13/14	.061	.063	5/6/15	.058	.060
4/2/10	.069	.066	7/1/11	.065	.065	7/8/12	.065	.066	4/26/13	.060	.063	4/20/14	.060	.062	4/30/15	.057	.059
5/7/10	.069	.066	8/2/11	.065	.065	5/16/12	.064	.066	5/14/13	.060	.063	4/22/14	.060	.061	5/23/15	.056	.059
HUNTINGTON																	
8/10/10	.076	.073	7/1/11	.080	.074	6/29/12	.089	.081	7/17/13	.063	.077	7/11/14	.071	.074	6/10/15	.071	.068
9/2/10	.071	.068	9/3/11	.080	.071	6/28/12	.078	.076	7/18/13	.062	.073	8/27/14	.064	.068	5/8/15	.069	.065
4/2/10	.068	.067	9/2/11	.077	.069	7/3/12	.075	.073	6/21/13	.061	.071	6/7/14	.063	.066	8/9/15	.067	.064
8/8/10	.068	.066	6/6/11	.074	.067	7/4/12	.075	.072	4/6/13	.059	.069	8/4/14	.063	.065	5/7/15	.066	.062
8/28/10	.067	.065	8/2/11	.071	.066	7/7/12	.075	.071	9/8/13	.058	.068	4/21/14	.062	.065	9/18/15	.066	.062
VIENNA																	
7/6/10	.078	.074	9/3/11	.084	.075	6/28/12	.084	.082	6/12/13	.074	.081	4/21/14	.070	.076	6/10/15	.079	.074
7/7/10	.076	.071	6/4/11	.072	.070	6/29/12	.083	.077	5/15/13	.072	.076	6/7/14	.070	.075	7/28/15	.073	.072
8/29/10	.074	.070	8/18/11	.068	.067	8/2/12	.078	.073	6/20/13	.066	.071	8/5/14	.070	.071	8/16/15	.072	.069
4/15/10	.073	.068	6/6/11	.065	.066	8/8/12	.077	.071	7/18/13	.064	.068	6/27/14	.067	.069	8/22/15	.071	.067
5/30/10	.073	.068	6/8/11	.065	.066	8/1/12	.075	.071	4/5/13	.063	.068	8/4/14	.066	.068	5/8/15	.070	.066
WEIRTON																	
8/30/10	.083	.079	9/2/11	.080	.078	6/28/12	.083	.082	6/21/13	.082	.082	4/21/14	.074	.080	5/8/15	.074	.077
8/20/10	.079	.077	5/11/11	.075	.074	6/10/12	.080	.078	5/15/13	.074	.076	7/11/14	.068	.074	7/28/15	.071	.071
8/10/10	.077	.074	7/1/11	.075	.073	8/3/12	.080	.077	6/25/13	.073	.076	6/15/14	.067	.073	5/9/15	.070	.070
4/15/10	.076	.073	6/4/11	.073	.072	8/24/12	.076	.075	5/18/13	.069	.072	4/18/14	.065	.070	6/10/15	.069	.067
4/2/10	.074	.072	6/6/11	.073	.071	5/20/12	.075	.074	6/20/13	.069	.072	6/7/14	.065	.070	6/11/15	.069	.068
WHEELING																	
8/30/10	.082	.077	9/2/11	.078	.078	6/28/12	.087	.082	6/21/13	.074	.080	6/15/14	.067	.076	6/11/15	.074	.072
4/15/10	.078	.075	8/5/11	.075	.075	6/29/12	.080	.077	5/15/13	.071	.075	4/21/14	.066	.072	6/10/15	.072	.070
7/27/10	.078	.074	6/4/11	.074	.074	5/20/12	.075	.075	6/20/13	.068	.072	7/11/14	.066	.070	7/28/15	.070	.068
7/8/10	.076	.073	9/3/11	.074	.073	6/9/12	.074	.074	4/27/13	.063	.070	7/12/14	.066	.067	5/8/15	.069	.066
7/7/10	.075	.072	6/6/11	.072	.072	8/25/12	.074	.073	9/10/13	.063	.070	8/30/14	.063	.067	7/29/15	.068	.065
MORGANTOWN																	
5/30/10	.083	.073	9/3/11	.076	.076	6/29/12	.085	.081	6/21/13	.075	.079	7/11/14	.067	.076	6/11/15	.080	.074
7/8/10	.083	.071	7/1/11	.070	.072	6/28/12	.075	.076	5/30/13	.066	.070	7/12/14	.067	.069	5/8/15	.071	.068
8/30/10	.078	.069	6/4/11	.069	.070	8/8/12	.073	.073	6/20/13	.066	.069	4/21/14	.065	.068	6/10/15	.070	.067
7/7/10	.077	.068	7/22/11	.069	.069	7/3/12	.072	.072	6/22/13	.064	.068	6/27/14	.064	.066	5/6/15	.069	.065
8/9/10	.077	.068	9/2/11	.069	.069	5/31/12	.071	.072	6/23/13	.062	.067	8/5/14	.063	.065	8/17/15	.068	.064
MARTINSBURG																	
7/8/10	.089	.079	7/2/11	.072	.077	6/29/12	.082	.081	4/27/13	.068	.074	7/11/14	.064	.071	8/17/15	.070	.067
8/17/10	.074	.072	7/20/11	.070	.071	6/9/12	.070	.071	6/21/13	.068	.069	8/5/14	.062	.067	5/8/15	.068	.066
8/30/10	.074	.072	6/8/11	.069	.070	8/31/12	.070	.071	5/15/13	.065	.068	8/27/14	.062	.066	7/28/15	.067	.065
8/10/10	.073	.070	6/9/11	.068	.068	5/19/12	.069	.070	6/5/13	.063	.066	4/13/14	.060	.064	9/1/15	.066	.063
9/2/10	.073	.068	6/4/11	.067	.067	6/10/12	.069	.069	8/17/13	.063	.066	5/20/14	.060	.064	9/4/15	.066	.063