

PETER SHUMLIN
Governor



State of Vermont
OFFICE OF THE GOVERNOR

November 5, 2013

Mr. H. Curtis Spalding
Regional Administrator
EPA New England, Region 1
5 Post Office Square - Suite 100
Boston, MA 02109-3912

**Re: VERMONT DESIGNATIONS FOR THE 2012 REVISED PRIMARY ANNUAL
FINE PARTICLE (PM_{2.5}) NATIONAL AMBIENT AIR QUALITY STANDARD**

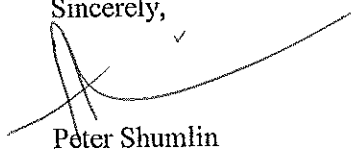
Dear Mr. Spalding:

In accordance with requirements of the Clean Air Act pertaining to area designations for the 2012 revised primary annual PM_{2.5} National Ambient Air Quality Standard (NAAQS), we are pleased to recommend that the State of Vermont be designated as attainment/unclassifiable for the primary annual PM_{2.5} NAAQS, which was promulgated on December 14, 2012.

The State of Vermont has sufficient measurement data from approved federal reference method monitors to calculate 2010–2012 annual PM_{2.5} design values for three of the State's largest population centers (Burlington, Rutland and Bennington) as well as from a rural background site in Underhill. These data, summarized in Table 1 below, indicate that all Vermont monitors had 3-year, 2010-2012 average values below the revised 2012 annual PM_{2.5} NAAQS of 12 micrograms per cubic meter (µg/m³). It may also be noted that annual average concentrations have not been as high as 12 µg/m³ at any Vermont site in any of the past 10 years, and that concentrations are generally declining over time at all sites.

Based on these measurements and trends, Vermont recommends that all sections of the State be designated as attainment/unclassifiable, as indicated in Table 2 below. This fulfills our obligations under Clean Air Act Section 107(d), to identify any areas in Vermont that have concentrations above the 2012 primary annual PM_{2.5} NAAQS. If you have any questions, please don't hesitate to contact Elaine O'Grady at (802) 343-7221.

Sincerely,



Peter Shumlin
Governor

cc: David Conroy, Air Programs Branch (EPA Region 1)
Anne Arnold, Air Quality Unit (EPA Region 1)

Enclosure

Table 1. VERMONT 2010-2012 PM_{2.5} DESIGN VALUES AND ANNUAL AVERAGES, 2003-2012 (µg/m³)

	Bennington	Burlington	Rutland	Underhill
2010-2012 Annual Design Value	7.0	7.2	9.6	5.1
2012 Annual Mean	6.7	6.9	9.0	4.6
2011 Annual Mean	7.3	7.6	10.3	5.4
2010 Annual Mean	6.9	7.2	9.5	5.3
2009 Annual Mean	6.5	7.0	9.6	5.0
2008 Annual Mean	7.3	7.6	10.6	5.6
2007 Annual Mean	8.3	8.9	10.9	6.5
2006 Annual Mean	6.8	8.3	10.3	
2005 Annual Mean	9.5	9.9	11.8	
2004 Annual Mean	8.8	9.4	11.2	
2003 Annual Mean	8.7	9.3	11.5	

Table 2. STATE OF VERMONT AREA DESIGNATIONS UNDER CLEAN AIR ACT SECTION 107(d)
PRIMARY ANNUAL FINE PARTICLE (PM_{2.5}) NATIONAL AMBIENT AIR QUALITY STANDARD

		Designations	
Pollutant	Designated Area (County)	Non-Attainment	Attainment/Unclassifiable
Annual PM _{2.5}	State of Vermont		X
Annual PM _{2.5}	Addison		X
Annual PM _{2.5}	Bennington		X
Annual PM _{2.5}	Caledonia		X
Annual PM _{2.5}	Chittenden		X
Annual PM _{2.5}	Essex		X
Annual PM _{2.5}	Franklin		X
Annual PM _{2.5}	Grand Isle		X
Annual PM _{2.5}	Lamoille		X
Annual PM _{2.5}	Orange		X
Annual PM _{2.5}	Orleans		X
Annual PM _{2.5}	Rutland		X
Annual PM _{2.5}	Washington		X
Annual PM _{2.5}	Windham		X
Annual PM _{2.5}	Windsor		X