MARGARET WOOD HASSAN
Governor

STATE OF NEW HAMPSHIRE
OFFICE OF THE GOVERNOR

February 19, 2014

Mr. Curt Spalding
Regional Administrator
U.S. Environmental Protection Agency, Region I
5 Post Office Square, Suite 100
Boston, MA 02109-3912

Re: Designation of New Hampshire's Attainment Area Status under the Revised Fine Particulate Matter ($PM_{2.5}$) Standard

Dear Mr. Spalding:

As required by the Clean Air Act and the Transportation Equity Act for the 21st Century, I hereby recommend that all of New Hampshire be designated as in attainment for the annual National Ambient Air Quality Standard (NAAQS) for ground-level fine particulate matter ($PM_{2.5}$). Based on current certified and quality-assured monitoring data, all areas of New Hampshire attained the level of the 2012 standard for the 2009 to 2011 time period.

On December 14, 2012, the U.S. Environmental Protection Agency (EPA) promulgated a revised primary annual $PM_{2.5}$ NAAQS, strengthening it from15 $\mu g/m^3$ to 12 $\mu g/m^3$. The primary 24-hour and secondary forms of the $PM_{2.5}$ were retained without change, as was the 24-hour PM_{10} NAAQS. As specified by EPA guidance dated April 16, 2013, and in accordance with 40 CFR Part 58, my current $PM_{2.5}$ designation recommendation is based on monitoring data for the most recent three-year period (2010 through 2012) from the State's network of Federal Reference Method (FRM) and Federal Equivalent Method (FEM) monitors. This recommendation was then checked against the corresponding monitoring data for 2009 to 2011 to ensure consistency of results (see Table 1 below). No portion of New Hampshire was found to be at risk for exceeding the revised annual $PM_{2.5}$ NAAQS. Further, after review of nearby states' current $PM_{2.5}$ data, we find my recommendation fully compliant with Section 107(d)(1)(A) of the Clean Air Act (CAA).

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TABLE 1. Annual $PM_{2.5}$ Design Values (2009-2012) by Monitor, micrograms per cubic meter ($\mu g/m^3$)

Location/ Reference Method	Monitor ID	2009 Annual	2010 Annual	2011 Annual	2012 Annual	2009-2011 Design Value	2010-2012 Design Value	$PM_{2.5}$ NAAQS
Keene	33-005-0007							
FEM		10.5	8.3	10.2	8.9	**9.7**	**9.1**	12
FRM		10.1	8.3	8.9	9.5	**9.1**	**8.9**	
Laconia	33-001-2004							
FRM		6.0	5.4	6.0	6.6	**5.8**	**6.0**	12
Lebanon	33-009-0010							
FEM		6.6	6.6	7.5	6.3	**6.9**	**6.8**	12
FRM		--	--	6.7	6.8	--	**6.7****	
Londonderry								
FEM		--	--	7.1*	6.3	--	**6.7****	12
FRM		--	--	6.5	6.9	--	**6.7****	
Miller State Park (Pack Monadnock Mt)	33-011-5001							12
FEM		--	--	5.1	4.2	--	**4.7****	
FRM		--	--	4.9	4.9	--	**4.9****	
Nashua	33-011-1015							
FRM		7.8	7.8	7.4	8.2	**7.7**	**7.8**	12
Pembroke	33-013-1006							
FRM		8.3	8.6	9.0	8.6	**8.6**	**8.7**	12
Portsmouth	33-015-0014							
FEM		--	6.8*	8.6	6.5*	**7.7****	**7.3***	12
FRM		7.1	7.4*	6.5	7.7	**7.0***	**7.2***	
State Maximum	--	10.5	8.6	10.2	9.5	**9.7**	**9.1**	12

* – *Data set does not meet minimum criteria.*
** - *Estimated design value is based on 2-years of data.*

TABLE 2. Proposed Designation of Areas for Annual $PM_{2.5}$ NAAQS Nonattainment in New Hampshire

NEW HAMPSHIRE – $PM_{2.5}$ (ANNUAL STANDARD)

Designated Area	Designation Type	Classification Type
New Hampshire:		
None	Nonattainment	--
All portions of all counties	Attainment	Attainment

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Thank you for your consideration of my recommendations. If you have any questions regarding this determination, please contact Thomas S. Burack, Commissioner of the Department of Environmental Services, at (603) 271-3449.

With every good wish,

Margaret Wood Hassan
Governor

Cc: Thomas Burack, Commissioner of the Department of Environmental Services

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