



# STATE OF NEVADA

Department of Conservation & Natural Resources

DIVISION OF ENVIRONMENTAL PROTECTION

Brian Sandoval, Governor

Leo M. Drozdoff, P.E., Director

Colleen Cripps, Ph.D., Administrator

December 6, 2013

Mr. Jared Blumenfeld  
Regional Administrator  
OAR-1, USEPA Region IX  
75 Hawthorne Street  
San Francisco, CA 94105

**RE: Recommended Designations for the Annual PM<sub>2.5</sub> National Ambient Air Quality Standards (NAAQS) (78 Federal Register 3086, January 15, 2013)**

Dear Mr. Blumenfeld:

On behalf of Governor Sandoval, as his appointed designee, pursuant to Section 107(d) of the 1990 Clean Air Act, I am submitting this letter requesting that the State of Nevada be designated attainment or unclassifiable for the annual PM<sub>2.5</sub> NAAQS, as follows:

- Hydrographic Area 87 (Reno planning area), Attainment
- Hydrographic Area 212 (Las Vegas planning area), Attainment
- Hydrographic Area 164A (Ivanpah Valley, Northern Part), Attainment
- All remaining hydrographic areas in the State of Nevada: Unclassifiable

The Air Quality Management Division (AQMD) of the Washoe County District Health Department has reviewed 2010-2012 data and determined that hydrographic area 87 in Washoe County is in attainment of the revised annual PM<sub>2.5</sub> standard. A copy of AQMD's letter with supporting data is enclosed. Similarly, the Department of Air Quality (DAQ) in Clark County has reviewed 2010-2012 data and determined that hydrographic areas 212 and 164A in Clark County are in attainment of the revised annual PM<sub>2.5</sub> standard. A copy of DAQ's letter with supporting data is enclosed. The Nevada Division of Environmental Protection recommends that the rest of the hydrographic areas in the State be designated as unclassifiable, as there is not sufficient data stored in the USEPA Air Quality System for these areas.

Please contact Jasmine Mehta at (775) 687-9495, if you have any questions you would like to discuss.

Sincerely,

Colleen Cripps, Ph.D.  
Administrator

Enclosures (2)

December 6, 2013

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cc: w/o enclosures

Cory Hunt, Policy Analyst, Office of the Governor  
Daniel Inouye, Acting Division Director, AQMD, Washoe County District Health Department  
Lewis Wallenmeyer, Director, Clark County Department of Air Quality  
Matthew Lakin, Chief, Planning Office, USEPA Region IX (AIR-2)

ec: w/o enclosures

Leo Drozdoff, Director, DCNR  
Jasmine Mehta, Chief, Bureau of Air Quality Planning, NDEP  
Rob Bamford, Chief, Bureau of Air Pollution Control, NDEP

Certified Mail: 9171 9690 0935 0037 8207 08



# WASHOE COUNTY HEALTH DISTRICT

## AIR QUALITY MANAGEMENT DIVISION



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November 15, 2013

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**ENVIRONMENTAL PROTECTION**

Nevada  
Environmental Protection

NOV 19 2013

BAPC/BAQP

Dr. Colleen Cripps, Ph.D.  
Administrator  
Division of Environmental Protection  
901 S. Stewart St., Suite 4001  
Carson City NV 89701-5249

**Subject: Initial Area Designation for the 2012 Revised Primary Annual Fine Particulate National Ambient Air Quality Standard**

Dear Dr. Cripps:

The U.S. Environmental Protection Agency (EPA) promulgated a revised primary annual National Ambient Air Quality Standard (NAAQS) for fine particulate matter (PM<sub>2.5</sub>) on December 14, 2012 (78 FR 3086, January 15, 2013). Pursuant to Section 107(d) of the Clean Air Act, the governor of each state is to recommend area designations to the EPA whenever a NAAQS is established or revised.

The Washoe County Health District, Air Quality Management Division (WCAQMD) monitors PM<sub>2.5</sub> at two sites (Reno (AQS ID 32-031-0016) and Sparks (AQS ID 32-031-1005)), which are both located in Hydrographic Area 87 as defined by the State of Nevada Division of Water Resources. Data from these two sites were complete, quality assured, and reported in accordance with 40 CFR 50.8. Only one year of PM<sub>2.5</sub> data are available from the Sparks site because monitoring began in 2012. It is included in the attachment for reference.

Based on guidance documents from Gina McCarthy (Assistant Administrator for the EPA Office of Air and Radiation) dated April 16, 2013, the WCAQMD recommends that:

1. Hydrographic Area 87 of Washoe County be designated as an "attainment" area; and
2. The remaining Hydrographic Areas within Washoe County be designated as "unclassifiable" areas for the revised annual PM<sub>2.5</sub> NAAQS.

If you have any questions or comments regarding this submittal, feel free to contact Ms. Yann Ling-Barnes or me at (775) 784-7200.

Sincerely,

Daniel Inouye  
Acting Director

Attachment (PM<sub>2.5</sub> Annual Averages)  
cc: Yann Ling-Barnes, P.E., WCAQMD

## Attachment

### PM<sub>2.5</sub> Annual Averages 2010 – 2012

Year	Annual Average ( $\mu\text{g}/\text{m}^3$ )		Design Value ( $\mu\text{g}/\text{m}^3$ )	
	AQS ID 32-031-0016	AQS ID 32-031-1005	AQS ID 32-031-0016	AQS ID 32-031-1005
2010	6.0	---		
2011	6.7	---		
2012	6.0	8.2	6.2	N/A



CLARK COUNTY • DEPARTMENT OF AIR QUALITY  
4701 W. Russell Road Suite 200 • Las Vegas, NV 89118-2231  
(702) 455-5942 • Fax (702) 383-9994  
Lewis Wallenmeyer Director

December 2, 2013

**CERTIFIED MAIL #**

91 7199 9991 7031 1432 5440

Ms. Colleen Cripps, Administrator  
Nevada Division of Environmental Protection  
901 S. Stewart Street, Suite 4001  
Carson City, NV 89701-5249

E-mail: Cripps@ndep.nv.gov

**Re: Recommendation of Designation for the Federal PM<sub>2.5</sub> Standard for Clark County**

Dear Ms. Cripps,

As required by the Clean Air Act (CAA) Section 107(d)(1) and the recently promulgated PM<sub>2.5</sub> rule (78 FR 3086, January 15, 2013), please consider and include the following information regarding Clark County, Nevada, in the Governor's initial Particulate Matter less than or equal to 2.5 microns (PM<sub>2.5</sub>) designation recommendation.

The two PM<sub>2.5</sub> federal reference monitors operating in Clark County with three recent years of complete data indicate attainment of both the annual and 24-hour Primary National Ambient Air Quality Standard (NAAQS) for PM<sub>2.5</sub> in the years 2010, 2011, and 2012. Moreover, additional PM<sub>2.5</sub> FRM and FEM samplers with less than three years of complete data do not show design values exceeding either the annual or 24-hour PM<sub>2.5</sub> NAAQS.

In accordance with the CAA and applicable federal regulations (40 CFR 50, 53, and 58), Clark County through its Department of Air Quality is recommending a designation of attainment for Hydrographic Areas 212 and 164A, and a designation of unclassifiable for the remainder portions of Clark County. Hydrographic Area 212 is represented by the Sunrise Acres monitoring site with an annual PM<sub>2.5</sub> design value of 7.9 µg/m<sup>3</sup> and a 24-hour design value of 21 µg/m<sup>3</sup>. Hydrographic Area 164A is represented by the Jean monitoring site with an annual PM<sub>2.5</sub> design value of 4 µg/m<sup>3</sup> and a 24-hour design value of 10 µg/m<sup>3</sup>.

If you have any questions or need more information on this issue, please contact Mike Sword, Planning Manager, at (702) 455-1615.

Sincerely,

Lewis Wallenmeyer  
Director

Enclosure: PM<sub>2.5</sub> (FRM) Quality-Assured Data Analysis for 2010-2012

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## ENCLOSURE 1:

### PM<sub>2.5</sub> (FRM) Quality-Assured Data Analysis for 2010-2012

Annual Standard = 12 µg/m <sup>3</sup>				
Site	2010	2011	2012	3-Yr Average
Sunrise Acres (0561)	7.30	7.30	9.10	7.9 µg/m <sup>3</sup>
Jean (1019)	3.40	3.70	5.0	4.0 µg/m <sup>3</sup>
24-Hour Standard = 35 µg/m <sup>3</sup> (PM <sub>2.5</sub> FRM 98 <sup>th</sup> Percentile)				
Site	2010	2011	2012	3-Yr Design Value
Sunrise Acres (0561)	22.3	20.5	21.6	21 µg/m <sup>3</sup>
Jean (1019)	10.1	8.6	12.5	10 µg/m <sup>3</sup>