



**Pete Ricketts**  
Governor

## STATE OF NEBRASKA

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May 6, 2020

Mr. Jim Gulliford  
Regional Administrator  
EPA Region 7  
11201 Renner Boulevard  
Lenexa, KS 66219

RE: Recommended 1-hour Sulfur Dioxide Designations for:  
Lancaster County (Sheldon Station) and Douglas County (North Omaha Station)

Dear Mr. Gulliford:

In accordance with section 107(d)(3)(D) of the Clean Air Act, I am submitting a revised designation recommendation and supporting documentation for the 2010 1-Hour Sulfur Dioxide (SO<sub>2</sub>) National Ambient Air Quality Standard (NAAQS), which became effective on August 23, 2010. Following completion of source-oriented monitoring in two areas, I am recommending that Douglas and Lancaster counties in the State of Nebraska be re-designated as "attainment/unclassifiable".

Two areas in Nebraska are addressed in this letter, both of which have been characterized by ambient air quality monitoring during the period 2017 through 2019, pursuant to the Data Requirements Rule (DRR). This letter and the attached documentation is provided to assist EPA in its designation for the 2010 1-Hour SO<sub>2</sub> NAAQS for the following areas/facilities:

1) Lancaster County (Sheldon Station, Nebraska Public Power District):

This area was initially designated by EPA as "unclassifiable" for the 2010 1-Hour SO<sub>2</sub> NAAQS on July 12, 2016 (81 Federal Register 45039). For the purpose of characterizing air quality in this area, source-oriented monitoring was conducted near Sheldon Station pursuant to the 2010 SO<sub>2</sub> DRR. Monitoring data for 2017-2019 indicate that this area has demonstrated attainment with the 2010 1-Hour SO<sub>2</sub> NAAQS. Because the three-year design value (DV) for this monitor is well below the NAAQS, I am requesting a revised designation of this area to "attainment/unclassifiable".

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2) Douglas County (North Omaha Station, Omaha Public Power District):

This area has yet to be designated by EPA for the 2010 1-Hour SO<sub>2</sub> NAAQS. For the purpose of characterizing air quality in this area, source-oriented monitoring was conducted near North Omaha Station pursuant to the 2010 SO<sub>2</sub> DRR. Monitoring data for 2017-2019 indicate that this area has demonstrated attainment with the 2010 1-Hour SO<sub>2</sub> NAAQS. Because the three-year design value (DV) for this monitor is well below the NAAQS, I am requesting designation of this area to "attainment/unclassifiable".

Thank you for your consideration in this matter. If there are any questions regarding my recommendations, please feel free to contact Jim Macy, Director of the Department of Environment and Energy.

Sincerely,



Pete Ricketts  
Governor

cc: Amy Bhesania, Air and Waste Management Division, U.S. EPA, Region VII  
Jim Macy, Director, Nebraska Department of Environment and Energy  
Kevin Stoner, Administrator, Air Quality Division

Attachment 1  
 Nebraska 2010 1-Hour SO<sub>2</sub> Designation Recommendation

<b>Sulfur Dioxide (SO<sub>2</sub>) Air Monitoring Data, 2017-2019 Comparison of 1-Hour SO<sub>2</sub> levels to the NAAQS<sup>(1)</sup></b>						
<b>Site</b>	<b>2017<sup>(2)</sup></b>	<b>2018<sup>(2)</sup></b>	<b>2019</b>	<b>3-Year Design Value</b>	<b>% of NAAQS</b>	
<b>Sheldon Station (Lancaster County)</b> Site ID: 31-109-0025	44	10	33	29	38.7%	
<b>North Omaha Station (Douglas County)</b> ID: 31-055-0057	36	37	29	34	45.3%	
<b>Footnotes:</b>						
(1) Sulfur dioxide levels and design values are shown in parts per billion (ppb) units. Attainment is indicated if the 3-year design value does not exceed the 1-hour SO <sub>2</sub> NAAQS of 75 ppb.						
(2) Design values calculated are not based on three full years of data.						