



IOWA DEPARTMENT OF NATURAL RESOURCES

Air Quality News

Environmental Services

Updated Air Dispersion Modeling Guidance and Form MD Available

For those projects that may require modeling, DNR updated three guidance documents and Form MD. The updates remove references to the 24-hour and annual SO₂ National Ambient Air Quality Standards (NAAQS), which have been revoked. In Iowa, these standards were revoked on April 9, 2019, or one year after the effective date of the area's initial designation for the 2010 1-hour standard. The 24-hour and annual SO₂ NAAQS no longer need to be considered in modeling projects.

The 24-hour and annual SO₂ Prevention of Significant Deterioration (PSD) Increments, Significant Impact Levels (SIL), and Significant Monitoring Concentration (SMC) are all still in effect and should continue to be used in PSD applications when necessary.

The affected documents include [Form MD](#), the [guidance on rounding modeled concentrations](#), and both the [PSD Modeling Guidelines](#) and [Non-PSD Modeling Guidelines](#). In addition, the 24-hour and annual averaging periods for SO₂ will no longer be included on [Availability of Air Resources \(AAR\) Summaries](#) provided by DNR. The Form MD in the [Iowa Environmental Application System for Air \(EASY Air\)](#) has also been updated to remove the 24-hour and annual averaging periods for SO₂.

Please send any questions to Brad Ashton at Brad.Ashton@dnr.iowa.gov, or by phone at 515-725-9527.

DNR's Air Quality News listserve is targeted to the regulated public and consultants to deliver timely regulatory news, program updates, and technical guidance to your email. If you have difficulty, please contact DNR's Wendy Walker at 515-725-9570.