

THE PM2.5 STANDARD

Currently, the NSAQMD operates seven PM2.5 samplers at four different locations. The samplers are located in Grass Valley, Quincy, Portola and Truckee. Two FRM samplers are co-located in Truckee and Portola operates an FRM, a BAM and a SASS sampler. Sampling began in the first quarter of 1999. All wood burning communities could register violations of the NAAQS and CAAQS for PM2.5, but Truckee and Portola appear to be the most vulnerable. The consequences of such violations are yet to be determined. The 24-hour standard is 65 µg/m³ for both the CAAQS and the NAAQS and the annual arithmetic mean standard is 15 µg/m³ for the NAAQS and 12 µg/m³ for the CAAQS.