



## Rocky Mountain States Section of the AWMA - 2025 Lunch & Learn Series



### **Voluntary air monitoring of particulates and metals around major construction/excavation projects**

Speaker: Gregg W. Thomas, Denver Department of Public Health and Environment

**Wednesday, March 12, 2025**

**12pm-1pm Mountain Time**

Virtual Webinar - Email [awma.rmss@gmail.com](mailto:awma.rmss@gmail.com) for invite

### **Presentation Summary**

After hearing Denver residents' concerns for many years about large construction projects and their impact on air quality, the Denver Environmental Quality Division conducted proactive air quality monitoring for PM10, and airborne lead and arsenic (from soils). With several major construction projects happening around the Globeville neighborhood starting in 2017, in addition to CDOT's Central 70 expansion project, the goal was to understand how these major construction projects might impact local air quality.

While localized increases for PM10 did occur near the fenceline, as expected, ensuring compliance with best practices related to materials management and dust suppression kept those increases to a minimum. Airborne lead and arsenic were also well below established health benchmarks.

### **Presenter Bio**

Gregg Thomas is the Director of the Environmental Quality Division at the Denver Department of Public Health and Environment. He has 25+ years of experience working in the Denver Department of Public Health and Environment. He graduated with a Bachelor's Degree in Meteorology from State University of New York at Oswego and a Master's Degree in Environmental Engineering from Montana Technological University. Gregg is the current Board Chair of the AWMA-RMSS Board of Directors.