

October 2025

Project Update: East Oakland Community Air Monitoring

The Air District, in partnership with Communities for a Better Environment (CBE), is conducting an air monitoring project in East Oakland. Collected data will help inform the development of effective **strategies to reduce emissions** and limit exposure to air pollutants. East Oakland contains a **complex mix of pollution sources** and is also a **major transportation corridor** with goods moving via air, ship, rail, freeways, and trucks. Many of these pollution sources are near residences, schools, and other locations where people spend time. East Oakland community members and organizations have long advocated for health equity, cleaner air, and investments to promote a green and regenerative economy.

Air Monitoring is Underway!

Air monitoring began in Summer 2025 using the Air District's **air monitoring van**. The air monitoring van includes several specialized instruments to measure multiple gas and particle pollutants, including volatile organic compounds (VOCs) and particulate matter (PM). These pollutants are measured at fast sampling rates (1-second intervals) to allow identification of frequent or persistent air quality issues around East Oakland.

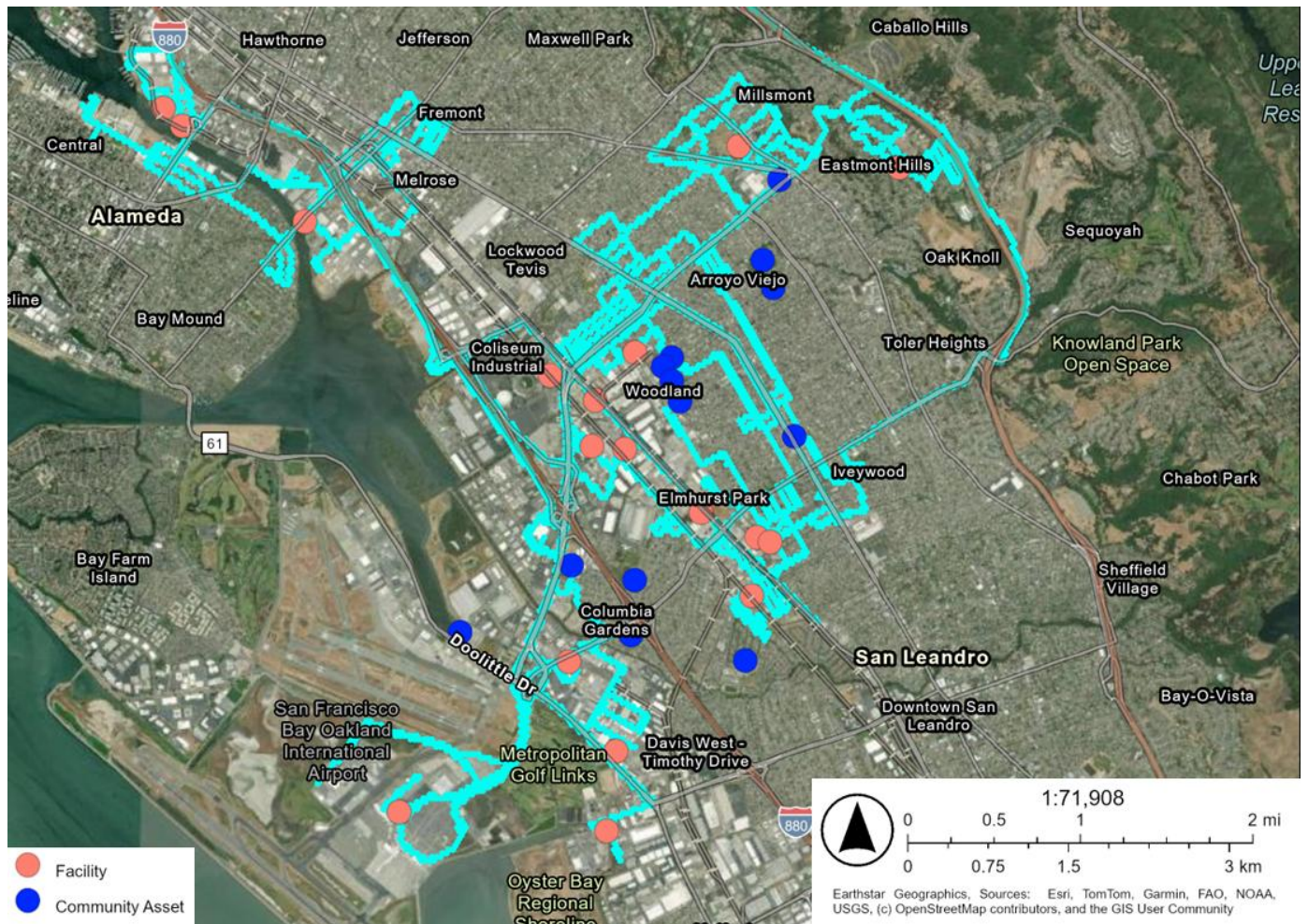
Air monitoring operations are focused **near certain air pollution sources and other areas identified by community**. In general, air monitoring drives are scheduled on different weekdays and at various times during regular business hours to help capture a range of conditions. You may have already seen the air monitoring van in your area!

Data analysis is ongoing. The resulting data are being analyzed to find **where levels of different pollutants are relatively higher compared to nearby areas**. These peaks in different pollutants may be linked to specific sources using information like which specific pollutants are unusually higher, wind measurements, and community and Air District knowledge.



Photos of the Air District's air monitoring van in East Oakland

October 2025



Map showing where the air monitoring van collected data in July and August 2025

Looking Ahead

Monitoring operations and data analysis will continue into early 2026. Some air quality issues identified in the data may already be well understood, allowing the Air District to take action to address the issues through targeted inspections, permit review, and rule development, depending on the specific issue. Other identified issues may need more investigation through additional data collection or by evaluating other types of information to understand the data.

CBE and the Air District will engage with community members to contextualize and provide feedback on the collected data and resulting findings. **Stay tuned for preliminary findings in early 2026 and a final project report and dataset in Summer 2026.** Community meetings will also be scheduled in 2026 to share and discuss findings.

For more information and updates, visit the [East Oakland air monitoring project website](#) or email analysis@baaqmd.gov.

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