

## Community Exposure to Emissions and Noise Near Unconventional Oil and Gas Development: Texas and Colorado

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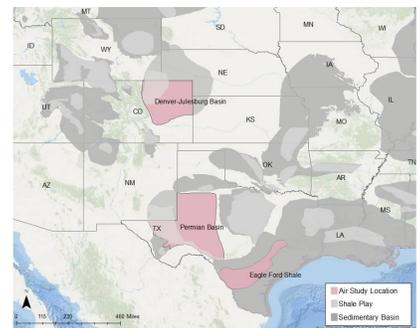


### Study Description

**ABOUT** Fact sheet in [English](#) and [Spanish](#)

**GOAL** Assess how people in the Permian Basin and Eagle Ford Shale, Texas and Denver-Julesburg region, Colorado might be exposed to both noise and chemicals in air from unconventional oil and gas development (UOGD).

- This study is part of the Tracking Community Exposures and Releases ([TRACER](#)) Collaboration, a three-team research collaboration funded by HEI Energy



General study locations

### What's happened?

- Established a stationary air quality and noise monitoring location in Loving, NM.
- Fully outfitted a trailer with instruments that measure air quality and noise in preparation for deployment to the monitoring location.
- Analyzed data about well locations and flaring of natural gas in the Permian Basin, with specific focus on the Carlsbad and Loving, NM communities.

### LEARN MORE

[HEI Energy website](#)  
[Study webpage](#)

### What's new?

- Engaging with a community organization in Carlsbad, NM.
- Proposing a preliminary network layout of passive sampling devices to collect air quality data in the area stretching from Carlsbad to Malaga, NM.
- Running a 30-second public service announcement on [Carlsbad radio stations](#), informing the public of upcoming air quality study and potential volunteer involvement.



Our team setting up a passive sampler at a community volunteer's yard.

### What's next?

- Deploy the trailer to the Loving, NM monitoring location in mid-December 2022.
- Establish a website for sharing our results with the community.
- Contact landowners and community members in Carlsbad and Loving, NM for our passive sampling campaign. Please contact Dr. Gunnar Schade at [gws@tamu.edu](mailto:gws@tamu.edu) or 979-845-0633 if you would like to volunteer.

### UPCOMING EVENTS

- Community Open House in Carlsbad, NM in mid-January, 2023 to engage in a discussion about our research, air quality and noise sampling trailer, and to recruit community volunteers for the passive monitoring campaign. Contact Dr. Franklin if you would like more information about participating.