

Ensuring Air Quality in Eagle Ford Shale

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GO: On most of our investigations at oil and gas facilities we rarely find any issues at all. There're a few circumstances that we typically send crew out to Eagle Ford Shale. It will either be a complaint, or schedule investigation, or follow-up investigations. When we go out in the field we can visit anywhere from one to about six or seven facilities depending on what we find. If we go to one facility and we find issues, we typically stay there and call the company representative, and let them know that we need someone out there now to see and correct what we're seeing, and we stay until issues are resolved. When we get to a facility we drive around the facility to order survey, smell, anything unusual, high odors that are usual for a gas and oil operation. And then we will find a spot where we can get our equipment out. We'll get our equipment out and we start looking at possible emission issues that we may see. We like to use a camera first to do a survey of the facility. The optical gas imaging camera that allows us to see if there is emissions coming off particular emission points from the facility. It shows up as smoke, which is a very nice piece of technology that allows us to do that. What we are seeing here, these are authorized emissions. On our fly overs we saw no issues with 95% of the tanks that were surveyed. Once we do that, we see any unusual emissions, we typically get the other pieces of equipment out that we use, our handheld survey equipment, which are the TVA, the Jerome, the Multi Rae 3000, and then we also have canisters with us as well if we need to pull a canister sample. Usually when we go out in the field I send two-person teams, and get out in the field, and use state of the art equipment that we have, and it gives them a feeling of doing something for the state of Texas and for protecting the environment.

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