

# LEGAL NOTICE

and

## Preliminary Determination for an Air Quality Permit for

### Frontier Field Services LLC-LoCo Hills Compressor Station

Frontier Field Services LLC, 65 Mercado St. Suite 250, Durango, CO has submitted an air quality permit application to the Air Quality Bureau (AQB), New Mexico Environment Department (NMED) for an air quality permit to modify Loco Hills Compressor Station. The application file has been assigned Permit No. 3821M3 and TEMPO Agency Interest ID No. 27765. The exact location of the facility is at latitude 32 degrees, 48 minutes, 29.55 seconds and longitude -104 degrees, 01 minutes, 9.30 seconds. To aid in locating this facility, the approximate location is 2 miles southwest of Loco Hills, NM, in Eddy County. From Loco Hills, NM take Highway 82 for 2.3 miles heading west. Turn left on General American road and drive 0.8 miles to the facility.

The proposed modification will consist of the following:

1. Include an alternate operating scenario where C-104 could be installed and operated as either a Caterpillar 3516LE or a Caterpillar 3516B.
2. Update storage tanks (TK-104, TK-105, TK-106, TK-Flash) emissions based on recent liquid sample analysis.
3. Installation of a vapor recovery unit and thermal oxidizer to control all tank vapors.
4. Updated fugitive emissions based on actual gas and liquid sample.
5. Increase flare emissions start up, shut down and maintenance (SSM) based on increased H<sub>2</sub>S and VOC concentrations from gas produced from surrounding producers. All SSM emissions are routed to the flare.
6. Update VOC emissions from Caterpillar engines to include formaldehyde.

Total air pollutant emissions to the atmosphere are estimated to be approximately Nitrogen Oxides (NO<sub>x</sub>) at 131.50 tons per year (tpy); Carbon Monoxide (CO) at 115.9 tpy; Volatile Organic Compounds (VOC) at 146.7 tpy; Sulfur Dioxide (SO<sub>2</sub>) at 68.2 tpy; Total Suspended Particulate Matter (TSP) at 3.0 tpy, Particulate Matter 10 microns or less (PM<sub>10</sub>) at 3.0 tpy, and Particulate Matter 2.5 microns or less (PM<sub>2.5</sub>) at 3.0 tpy, H<sub>2</sub>S 5.6 tpy, total HAPs 20.2 tpy, Formaldehyde 6.5 tpy, Benzene 4.0 tpy, Toluene 2.2 tpy, Hexane 3.8 tpy, Acetaldehyde 2.0 tpy, Acrolein 1.4 tpy, and greenhouse gas n/a. These emission estimates could change slightly during the course of the Department's review of the application.

The NMED has conducted a preliminary review of the information submitted with the permit application. The preliminary review and applicant's analysis of ambient air quality impacts indicates that the facility's air emissions will meet the air quality standards for NO<sub>x</sub>, CO, SO<sub>x</sub>, PM, TSP, and H<sub>2</sub>S. To determine compliance with national ambient air quality standards for ozone, NMED uses air monitors to monitor ozone concentrations. A full review will evaluate the estimated emission rates for the pollutants listed in this public notice and determine compliance with ambient air quality requirements and standards.

Based on the applicant's analysis, a preliminary determination is that this facility will comply with the requirements of Title 20, New Mexico Administrative Code (NMAC), Chapter 2, Parts 1, 3, 7, 38, 61, 70, 71, 72, 73, 75, 77, and 82; 40 CFR 50; 40 CFR 60 Subparts [A, JJJJ, and OOOO]; 40 CFR 63 Subparts [A, and HH, ZZZZ]; and the New Mexico Air Quality Control Act. Therefore, the preliminary intent of NMED is to issue the air quality permit on or before Oct 15, 2015. This source is a PSD minor source according to 20.2.74 NMAC.

To ensure compliance with state and federal air regulations, the permit is expected to include conditions that limit the emissions, hours of operation, production rate, and conditions that will require record keeping and reporting to the Department.

The permit application is available for review in electronic or hard copy at the Air Quality Bureau Office, 525 Camino de los Marquez Suite 1, Santa Fe, New Mexico. To arrange viewing of this application contact Teri Waldron, at 505-476-4355 or [teri.waldron@state.nm.us](mailto:teri.waldron@state.nm.us). The permit application is also available at the NMED Roswell Field Office, located at 1914 W. Second Roswell, NM 88201 for public review.

All interested persons have thirty (30) days from the date this notice is published, to notify the Department in writing of their interest in the permit application. The written comments should refer to the company name, facility name and Permit No. (or send a copy of this notice along with your comments). The written comments shall state the nature of the issues raised and how it relates to the requirements of applicable state and federal air quality regulations and the Clean Air Act. The written comments should be mailed to Hernesto Tellez, New Mexico Environment Dept., Air Quality Bureau, Permit Section, 525 Camino de los Marquez Suite 1, Santa Fe, NM 87505-1816.

The Department will notify all persons, who have provided written comments as to when and where the Department's analysis may be reviewed. Although all written comments will be made part of the public record, any person who does not express interest in writing before the end of this first thirty (30) day period will not receive such notification.

If the Department receives written public comment before the end of the Department's thirty (30) day public notice, the Department's analysis will be made available for review for thirty (30) days at the NMED district or field office nearest to the source before the permit will be issued. Written comments on the analysis or permit application may be submitted to the Department during this second thirty (30) day period or at any time before the permit is issued or denied.

Questions or comments not intended to be part of the public record can be directed to Hernesto Tellez at [Hernesto.tellez@state.nm.us](mailto:Hernesto.tellez@state.nm.us). General information about air quality and the permitting process can be found at the Air Quality Bureau's web site. The regulation dealing with public participation in the permit review process is 20.2.72.206 NMAC. This regulation can be found in the "Permits" section of this web site.