

LEGAL NOTICE
and
Preliminary Determination for an Air Quality Permit for

Western Refining Southwest, Inc, 92 Giant Crossing Road, Gallup, NM 87301 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 the Gallup Refinery. The application file has been assigned No. 633-M13 and TEMPO Agency Interest ID No. 888. The exact location of the facility is at 92 Giant Crossing Road, about 17 miles east of Gallup in McKinley County, New Mexico.

The proposed modifications in application 633-M13 to this Prevention of Significant Deterioration source include: remove repealed state regulation 20.2.36 NMAC from the permit; add existing hydrogen cyanide emissions to the catalytic cracking unit; increase flaring emission limits based on a higher facility process rate; permit existing evaporation pond PM emissions; permit additional emissions from overhead railcar loading; change a 25,000 bbl tank to a 52,200 bbl tank; and remove a diesel pump, glycol unit, and one tank. These modifications are in addition to those requested in application number 633-M14 which include: at times when the Fluid Catalytic Cracking Unit bypasses its pollution control devices increase CO, TSP, PM10, and PM2.5 emission rates; permit CO emissions from heater/boiler/turbine startup; permit VOC, TSP, PM10, and PM2.5 emissions from abrasive blasting, surface coating, and catalyst loading; increase VOC and hazardous air pollutant emissions from the cooling towers. And are in addition to other requests as follows: alternative emission calculation method for tank T-702; use a total of 28 temporary 500 bbl frac tanks to hold water with VOCs from hydro testing; and add an emergency generator unit EG-5.

After modifications in M13, M14, and other requests, the total air pollutant emissions to the atmosphere are estimated to be approximately Nitrogen Oxides (NO_x) at 811 tons per year (tpy); Carbon Monoxide (CO) at 880.0 tpy; Volatile Organic Compounds (VOC) at 800.2 tpy; Sulfur Dioxide (SO₂) at 165.4 tpy; Hydrogen Sulfide (H₂S) at 2.5 tpy; Total Suspended Particulate Matter (TSP) at 105.0 tpy; Particulate Matter 10 microns or less (PM10) at 88.0 tpy, Particulate Matter 2.5 microns or less (PM2.5) at 67.0 tpy, and greenhouse gas (CO_{2e}) > 75,000 tpy. 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_x, CO, SO_x, TSP, PM10, PM2.5, and H₂S. 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, 37, 38, 70, 72, 73, 74, 75, 77, 78 and 82; 40 CFR 50; 40 CFR 60 Subparts A, Dc, J, Ja, K, Kb, GG, GGG, GGGa, QQQ, 40 CFR 61, Subparts A, FF, 40 CFR 63, Subparts A, CC, UUU, EEEE, ZZZZ, DDDDD, GGGGG, 40 CFR 68 and the New Mexico Air Quality Control Act. Therefore, the preliminary intent of NMED is to issue the air quality permit on or before September 15, 2016. This source is a PSD major 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 and production rate, and conditions that will require record keeping and reporting to the Department.

Attachment A – Public Notice

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. The permit application is also available at the NMED Gallup Office, located at 911 Metro Ave, Gallup, NM 87301 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 Cember Hardison, 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 Daren Zigich at 505-476-4366. 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.

Este es un aviso de la Agencia de Calidad de Aire del Departamento de Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor de comunicarse con la oficina de Calidad de Aire al teléfono 505-476-5557.