

**LEGAL NOTICE**  
and  
Preliminary Determination for an Air Quality Permit for  
**Western Refining Southwest, Inc.**

Western Refining Southwest, Inc., 92 Giant Crossing Road, Gallup, NM 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 Western Refining SW Inc - Gallup Refinery. The application file has been assigned Permit No. 633-M16 and TEMPO Agency Interest ID No. 888. The exact location of the facility is at latitude 35 degrees, 29 minutes, 25 seconds and longitude -108 degrees, 25 minutes, 30 seconds, Datum: NAD27. To aid in locating this facility, the approximate location is 17 miles east of Gallup, in McKinley County, New Mexico.

The proposed modification is a Tier 3 modification project to comply with the US Environmental Protection Agency's Tier 3 vehicle fuel regulations. This will mean reducing the gasoline pool sulfur levels to 10 ppm. The fluidized catalytic cracking unit (FCCU), naphtha hydrotreater unit (NHT), amine unit (AM), and BENSAT column operations will be modified. The ISOM unit will be decommissioned. Modifications to fugitive emissions sources (FUG-R) will be made, increase capacity to the thiosolve/SWAATS unit, increase maximum and average vapor pressure for tanks T-574 and T-576, and increase stack heights for heater units H-F1 and H-F2.

Total air pollutant emissions to the atmosphere are estimated to be approximately Nitrogen Oxides (NOx) at 605 tons per year (tpy); Carbon Monoxide (CO) at 523 tpy; Volatile Organic Compounds (VOC) at 780 tpy; Sulfur Dioxide (SO<sub>2</sub>) at 145 tpy; Total Suspended Particulate Matter (TSP) at 95 tpy, Particulate Matter 10 microns or less (PM10) at 78 tpy, and Particulate Matter 2.5 microns or less (PM2.5) at 59 tpy, hydrogen sulfide (H<sub>2</sub>S) at 2.2 tpy, and greenhouse gas (CO<sub>2</sub>e) > 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<sub>2</sub>, CO, SO<sub>2</sub>, TSP, PM10, PM2.5, and H<sub>2</sub>S. VOCs are a pre-cursor to ozone and the NMED does not require an individual ozone ambient impact analysis for each application. 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 3, 7, 38, 61, 70, 71, 72, 73, 74, 75, 77, and 82; 40 CFR 50; 40 CFR 60 Subparts A, Dc, J, Ja, K, Kb, GG, GGG, GGGa, QQQ, and IIII; 40 CFR 61 Subparts A and FF; 40 CFR 63 Subparts A, CC, UUU, EEEE, ZZZZ, DDDDD, and 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 December 6, 2018. 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, monitor process rates, 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 Greg Tickle, at 505-476-4333 or [greg.tickle@state.nm.us](mailto:greg.tickle@state.nm.us). The permit application is also available at the NMED Gallup Office, located at 911 Metro Avenue, 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 Jim Nellessen, 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 Jim Nellessen at 505-476-4315. 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 oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor comuníquese con esa oficina al teléfono 505-476-5557.

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