Williams Four Corners LLC

Williams Four Corners LLC, 188 County Road 4900, Bloomfield, 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 Kutz Canyon Gas Plant. The application file has been assigned Permit No. 0301M8 and TEMPO Agency Interest ID No. 1158. The exact location of the facility is at latitude 36 degrees, 40 minutes, .1336 seconds and longitude -107 degrees, 57 minutes, 34.2487 seconds. To aid in locating this facility, the approximate location is 5 km S. of Bloomfield in San Juan County, New Mexico.

The Kutz Canyon Processing Plant is a natural gas processing facility designed to remove ethane and heavier hydrocarbons from natural gas. The Kutz I Plant removes the heavier hydrocarbons using a refrigerated lean oil absorption process. The Kutz II Plant removes the heavier hydrocarbons using a cryogenic process.

The proposed modification will consist of 1) Decrease emissions from the Blanco-Hare condensate storage tank (Unit T6438) using a 3-phase separator and an EVRU; 2) Replace the limits on the separator pressure and condensate tank throughput with requirement for monthly monitoring of the separator pressure and condensate tank throughputs; 3) Add one insignificant, 500 bbl, separator liquid storage tank (Unit T109) for the Chaco dehydrator; 4) Modify significant source Unit T31 to store flare separator liquids since it will act as an emergency overflow for Unit 30; 5) Replace the requirement to route the Kutz I EG dehydrator still vent (Unit 24a) emissions through a condenser to the flare with the requirement that the dehydrator still vent emissions must be routed to the flare and the piping from the still vent to the flare must be closed-looped with no bypass.

Total air pollutant emissions to the atmosphere are estimated to be approximately Nitrogen Oxides (NOx) at 1154.4 tons per year (tpy) (No Change); Carbon Monoxide (CO) at 907.6 tpy (NC); Volatile Organic Compounds (VOC) at 845.1 tpy (-72.8); Sulfur Dioxide (SO₂) at 1.5 tpy (NC); Total Suspended Particulate Matter (TSP) at 17.6 tpy (NC), Particulate Matter 10 microns or less (PM10) at 17.3 tpy (NC), and Particulate Matter 2.5 microns or less (PM2.5) at 16.7 tpy (NC). The facility is a major, ≥100,000 tpy CO₂e, source of green house gas emissions. 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 and found that only volatile organic compounds (VOCs) are being emitted due to this modification. VOCs are a pre-cursor to ozone. Pre-construction air dispersion modeling is not required for VOCs and ozone. To determine compliance with national ambient air quality standards, NMED monitors ambient ozone concentrations. A full review will evaluate the estimated emission rates and determine compliance with air quality regulations.

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, 37, 61, 70, 71, 72, 73, 74, and 75 and the New Mexico Air Quality Control Act; 40 CFR 60, Subparts A, GG and KKK; 40 CFR 63 Subparts A, HH and ZZZZ. Therefore, the preliminary intent of NMED is to issue the air quality permit on or before July 13, 2014. This source is a major source according to 20.2.74 NMAC, PSD.
To ensure compliance with state and federal air regulations, the permit is expected to include conditions that limit the 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. The permit application is also available at the NMED Farmington Office, located at 3400 Messina Suite 5000, Farmington, NM 87402 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 Joseph Kimbrell, 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 Joseph Kimbrell at 505-476-4347. 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.