

Legal Notice
For
Air Quality Operating Permit
for Mosaic Potash Carlsbad Inc of Mosaic Potash Carlsbad Inc

Mosaic Potash Carlsbad Inc at PO Box 71; Carlsbad, NM 88220 has submitted an air quality operating permit application to the New Mexico Environment Department (NMED) for an air quality operating permit for its Mosaic Potash Carlsbad Inc. The owner of this plant is Mosaic Potash Carlsbad Inc. The exact location of the facility is at latitude and longitude decimal degrees: 32.414722, -103.935833 Datum: WGS84. To aid in locating this facility, the approximate location is 16 miles East of Carlsbad in Eddy County, NM. This application file has been assigned Operating Permit Number P039R4 and TEMPO Agency ID No. 196.

Previously, the facility received an air quality construction permit and is in operation

The Mosaic Potash facility is a potash mine and mill that produces fertilizer products from langbeinite (LANG) ore ($K_2SO_4 \cdot 2MgSO_4$). The major processes associated with the facility are mining, crushing, screening, granulation (GRAN), leaching, drying, storing, and loading. The facility consists of an underground mine and surface mill capable of processing 17,500 tons per day (tpd) of LANG ore and 9,600 tpd of cuttings. The plant operates 24 hours per day, 365 days per year.

This operating permit application is for a TV permit renewal per 20.2.70.401.C.(4) NMAC. In addition, the Title V application serves to incorporate NSR Permit No. 0495M14R3, which replaced a 2014 diesel-fired engine (GEN1) with a newer 2017 model, and NSR Permit No. 0495M15 which replaced equipment, added a second diesel-fired engine, and updated emissions, into the Title V permit.

The emissions, as established in NSR Permit 0495M15 and brought forward into this permit are as follows. There are no changes in emissions from previous operating permit – P039R3M1. Emissions are expressed in tons per year (tpy). Nitrogen Oxides (NO_x) at 70.0 tpy; Carbon Monoxide (CO) at 115.0 tpy; Volatile Organic Compounds (VOC) at 6.0 tpy; Sulfur Dioxide (SO₂) at 0.4 tpy; Particulate Matter at 273.5 tpy; Particulate Matter 10 microns or less (PM₁₀) at 219.9 tpy, and Particulate Matter 2.5 microns or less (PM_{2.5}) at 185.6 tpy; and greenhouse gas (CO₂e) < 75,000 tpy.

There are no changes to the existing air emission limits in this permitting action.

The NMED has conducted a preliminary review of the information submitted with the permit application. This review included evaluation of the emission rates and applicable requirements to determine compliance.

The NMED has made a preliminary determination that this facility will comply with the requirements of Title 20, New Mexico Administrative Code (NMAC), Chapter 2, Parts 1, 3, 19, 61, 70, 71, 72, 73, 75, 77, and 82; 40 CFR 60 Subparts A, and III; 40 CFR 63 Subparts A, ZZZZ, and CCCCC; and the New Mexico Air Quality Control Act. Therefore, the preliminary intent of NMED is to issue the air quality operating permit on or before December 8, 2024.

Interested persons may obtain the draft operating permit, submit written comments, or request a public hearing on Operating Permit Number P039R4 by contacting Julia Kuhn at the New Mexico Environment Department, Air Quality Bureau, 525 Camino de los Marquez Suite 1, Santa Fe, NM 87505-1816, or by email

at julia.kuhn@env.nm.gov. Comments may also be submitted electronically via the NMED public comment portal online at: <https://nmed.commentinput.com/comment/search>.

Written requests for public hearing must state the nature of the issues proposed to be raised in the hearing. Comments must be based on the requirements of the applicable state and federal air quality regulations and the Clean Air Act. Comments or hearing requests must be received within 30 days after the public notice is published.

The permit application is currently available for review on the AQB Public Notices of Permitting Actions website www.env.nm.gov/public-notice. The Department contact in Santa Fe is Julia Kuhn at 505-629-2893.

Atención

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