

Legal Notice
For
Air Quality Operating Permit
for 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 1361 Potash Mines Road in Eddy County, NM. This application file has been assigned an Operating Permit Number P039R3M1 and TEMPO Agency Interest 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 ore ($K_2SO_4 \cdot 2MgSO_4$). The major processes associated with the facility are mining, crushing, screening, granulation, 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 langbeinite 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 permit modification. Per 20.2.70.401.C.(4) NMAC, this permitting action involves incorporating changes authorized by NSR Permit 0495M14.

The emissions, as established in NSR Permit 0495M14 and brought forward into this permit are as follows. Parentheses note changes in emissions from previous operating permit – P039R3. Emissions are expressed in tons per year (tpy). Nitrogen Oxides (NO_x) at 70 tons per year (tpy); Carbon Monoxide (CO) at 115 tpy (-2); Volatile Organic Compounds (VOC) at 6.0 tpy; Sulfur Dioxide (SO₂) at 2.1 tpy; Particulate Matter 10 microns or less (PM₁₀) at 218.1 tpy, and Particulate Matter 2.5 microns or less (PM_{2.5}) at 185.4 tpy, and greenhouse gas (CO₂e) > 75,000 tpy.

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 3, 19, 61, 72, 73, 75; 40 CFR 50; 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 August 10, 2021.

Interested persons may obtain the draft operating permit, submit written comments, or request a public hearing on Operating Permit Number P039R3M1 by contacting Joseph Kimbrell at the New Mexico Environment Department, Air Quality Bureau, 525 Camino de los Marquez Suite 1, Santa Fe, NM 87505-1816.

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.

Due to the public health emergency order, certain NMED offices are closed to the public. The permit application is currently available for review on the AQB Public Notices of Permitting Actions website www.env.nm.gov/air-quality/public-notices-of-permitting-actions/. The Department contact in Santa Fe is Joseph Kimbrell at 505-476-4347. 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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