

PUBLIC NOTICE
For
Air Quality Operating Permit
for Intrepid Potash - East Plant of Intrepid Potash New Mexico LLC

Intrepid Potash New Mexico, LLC at PO Box 101, 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 Intrepid Potash - East Plant. The owner of this plant is Intrepid Potash- New Mexico, LLC. The exact location of the facility is latitude 32 deg, 30 min, 19.1 sec and longitude -103 deg, 46 min, 57.1 sec. To aid in locating this facility, the approximate location is 30 miles ENE of Carlsbad, NM in Eddy County. This application file has been assigned an Operating Permit Number P009R2 and TEMPO Agency Interest ID No. 208.

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

The main purpose of the Intrepid Potash facility is to operate a dual langbeinite and sylvite production plant. In this process, mixed ore is mined from an underground shaft mine. The mixed ore is hoisted to the surface, and is put through parallel initial screens and a raw ore crusher. The crushed mixed ore is mixed with brine water in a desliming tank where the langbeinite and sylvite are separated from the clay. The clay is sent to a clarifier and thickener where it collects until is pumped to the waste tailings pile. Brine water is recycled to the desliming tank. The langbeinite and sylvite is sent to a classifier where they are prepared for separation in the brine only cyclones.

This operating permit application is for a permit renewal. Per 20.2.70.401.C.(4) NMAC, this permitting action involves a TV renewal.

The emissions, as established in NSR Permit P009-R2, and brought forward into this permit are as follows. Parentheses note changes in emissions from previous operating permit P009-R1. Emissions are expressed in tons per year (tpy). Nitrogen Oxides (NO_x) at 160.1 tpy (-35.0); Carbon Monoxide (CO) at 206.5 tpy (+0.1); Volatile Organic Compounds (VOC) at 9.8 tpy (-0.9); Sulfur Dioxide (SO₂) at 6.7 tpy (+6.7); Particulate Matter 10 microns or less (PM₁₀) at 160.4 tpy (-132.0), and Particulate Matter 2.5 microns or less (PM_{2.5}) at 59.8 (+59.8); and greenhouse gas (CO₂e) >75,000 tpy. The facility is a major, >100,000 tpy CO₂e source of greenhouse gas emissions.

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, 7, 19, 61, 70, 71, 72, 73, 74, and 77; 40 CFR 60 Subparts (A, Dc, IIII); 40 CFR 63 Subparts (A, CCCCCC); 40 CFR 64, CAM 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 July 31, 2015.

Interested persons may obtain the draft operating permit, submit written comments, or request a public hearing on Operating Permit Number P009R2 by contacting Hernesto Tellez 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.

The permit application, draft permit and relevant supporting materials are currently available for review at the Air Quality Bureau, 525 Camino de los Marquez Suite 1, Santa Fe, NM 87505-1816. The Department contact in Santa Fe is Hernesto Tellez at 505-476-4376. 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.