

LEGAL NOTICE

For

Air Quality Operating Permit

for Intrepid - North Compaction Plant, West Flotation, and HB Plant of Intrepid Potash New Mexico LLC

Intrepid Potash- New Mexico LLC at PO Box 101; Carlsbad, NM 88221 has submitted an air quality operating permit application to the New Mexico Environment Department (NMED) for an air quality operating permit for its Intrepid - North Compaction Plant, West Flotation, and HB Plant. The owner of this plant is Intrepid Potash- New Mexico LLC. The exact location of the North Compaction facility is at latitude 32 deg, 34 min, 16 sec and longitude -103 deg, 48 min, 3.59 sec, Datum: NAD83. The exact location of the West Flotation and HB facilities are at latitude 32 deg, 29 min, 24 sec and longitude -103 deg, 56 min, 29 sec, Datum: NAD83. To aid in locating the North Plant facility, the approximate location is 484 N. State Highway 243, approximately 28 miles east, northeast of Carlsbad, New Mexico in Lea County. To aid in locating the West Flotation and HB Plants, the approximate location is 1996 Potash Mines Rd., approximately 20 miles east, northeast of Carlsbad, New Mexico in Eddy County. This application file has been assigned an Operating Permit Number P261-R1 and TEMPO Agency Interest ID No. 29939.

Previously, the North, West Flotation, and HB facilities received air quality construction permits and are in operation. The main purpose of the North Plant facility is to size and compact potash from the West Flotation and HB facilities and load potash to 3rd party customers. The main purpose of the West Flotation facility is to extract potash from mined ore. The ore is crushed, screened, and conveyed to a fine ore bin before undergoing a wet flotation process for extraction and subsequent drying of the refined potash. The main purpose of the HB plant is to extract potash by brine, evaporation, and flotation. The potash is then dried.

This operating permit application is for a TV Permit Renewal. Per 20.2.70.401.C.(4) NMAC, this permitting action involves a renewal of the TV permit and incorporation of permitted changes at the North and HB plants. NSR 0321-M7, issued April 19, 2018, for the **North Plant** provided operational flexibility for material transfer and hauling activities within the facility in accordance with a revised Air Dispersion Modeling Analysis. NSR 4332-M1, issued July 19, 2017, for the **HB Plant** also provided operational flexibility for material transfer and hauling activities in accordance with a revised Air Dispersion Modeling Analysis. There were no revisions to the **West Flotation Plant** since the previous TV permit P261-M1.

The emissions, as established in NSR Permits 0321-M7 (North Plant), 0421-M5R1 (West Flotation), 4332-M1 (HB Plant), are brought forward into this permit as follows. Parentheses note changes in emissions from previous operating permit – P261-M1. Emissions are expressed in tons per year (tpy): Nitrogen Oxides (NO_x) at 71.7 tpy (no change); Carbon Monoxide (CO) at 186.7 tpy (no change); Volatile Organic Compounds (VOC) at 3.5 tpy (no change); Sulfur Dioxide (SO₂) at 1.8 tpy (no change); Total Suspended Particulates (TSP) at 465.6 tpy (+39.2); Particulate Matter (PM) at 465.6 tpy (+39.2); Particulate Matter 10 microns or less (PM₁₀) at 252.1 tpy (+8.6); Particulate Matter 2.5 microns or less (PM_{2.5}) at 193.4 tpy (-4.2); and greenhouse gas (CO₂e) (<) 75,000 tpy (-5,230).

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, 77, 82; 40 CFR 50; 40 CFR 60 Subparts A & IIII; 40 CFR 61 Subpart A; 40 CFR 63 Subparts A & ZZZZ; 40 CFR 64; 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 November 6, 2019.

Interested persons may obtain the draft operating permit, submit written comments, or request a public hearing on Operating Permit Number P261-R1 by contacting Olivia Yu 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 Olivia Yu at 505-476-4338. 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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