

AIR QUALITY PERMIT NOTICE

Notice of Intent to Approve

On November 21, 2017, ROXUL USA, Inc. applied to the WV Department of Environmental Protection, Division of Air Quality (DAQ) for a permit to construct a mineral wool manufacturing facility located at the "Jefferson Orchards" site in Hanson, Jefferson County, WV at latitude 39.37754 and longitude -77.87844. The anticipated start-up date is October of 2019. A preliminary evaluation has determined that all State and Federal air quality requirements will be met by the proposed facility. The DAQ is providing notice to the public of its preliminary determination to issue the permit for R14-0037.

The following potential emissions will be authorized by this permit action: Particulate Matter less than 2.5 microns, 133.41 tons per year (TPY); Particulate Matter less than 10 microns, 153.19 TPY; (total) Particulate Matter, 250.87 TPY; Sulfur Dioxide, 147.45 TPY; Oxides of Nitrogen, 238.96 TPY; Carbon Monoxide, 71.40 TPY; Volatile Organic Compounds, 471.41 TPY; Sulfuric Acid Mist, 16.37 TPY; Total Hazardous Air Pollutants, 392.59 TPY; Greenhouse Gases (CO₂e), 152,935 TPY.

The West Virginia Department of Environmental Protection and US EPA regulations require that all pollutants that will be emitted "significantly" (as defined within 45CSR14) from a proposed construction of a "major stationary source" be controlled by "best available control technology" (as defined within 45CSR14), that emissions of all regulated air pollutants shall not cause or contribute to violations of either the primary or secondary national ambient air quality standards (NAAQS) for any Class 1

or Class 2 air quality increments applicable in the area where the source is to be located, or elsewhere; and the pollutant emissions from the proposed source must not adversely impact upon soils, vegetation, and visibility in the vicinity of the proposed plant site. A preliminary evaluation by the WV DAQ of the information submitted by ROXUL USA, Inc. indicates that the proposed facility - which is defined as a major stationary source - will meet all applicable state and federal air quality requirements including

those stated above. Based upon this finding, the WV DAQ has made a preliminary determination to approve the application and issue permit R14-0037 for the construction and operation of the facility.

The following are the results of the Class 1 and Class 2 ambient air quality increment analysis:

Class 1 Increment Analysis: The Class 1 increment analysis produced the following results: screening and modeling analysis showed that potential impacts in the following Class 1 areas were "insignificant" as defined by 45CSR14: Otter Creek Wilderness Area and the Dolly Sods Wilderness Area in West Virginia and the Shenandoah National Park in Virginia. This finding of "insignificant impacts" precluded a required full multi-source Class 1 increment analysis.

Class 2 Increment Analysis: The Class 2 increment analysis produced the following results (location of maximum impact): 97% at 8.7 µg/m³ of PM_{2.5} on a 24-hour basis; 46% at 1.83 µg/m³ of PM_{2.5} on an annual basis; 72% at 21.5 µg/m³ of PM₁₀ on a 24-hour basis; 24% at 4.1 µg/m³ of PM₁₀ on an annual basis; and 6% at 1.5 µg/m³ of NO₂ on an annual basis.

Written comments or requests for a public meeting must be received by the DAQ before 5:00 pm, on Friday, April 27, 2018. A public meeting may be held if the Director of the DAQ determines that significant public interest has been expressed, in writing, or when the Director deems it appropriate.

The purpose of the DAQ's permitting process is to make a preliminary determination if the proposed construction will meet all State and Federal air quality requirements. The purpose of the public review process is to accept public comments on air quality issues relevant to this determination. Only written comments received at the address noted below within the specified time frame, or comments presented orally at a scheduled public meeting, will be considered prior to final action on the permit. All such comments will become part of the public record.

Joseph R. Kessler, PE
Engineer

WV Department of Environmental Protection
Division of Air Quality
601 57th Street, SE
Charleston, WV 25304
Telephone: 304/926-0499,
ext. 1219

FAX: 304/926-0478

Additional information, including copies of the preliminary determination and draft permit, the permit application and all other supporting materials relevant to the permit decision, may be downloaded at:

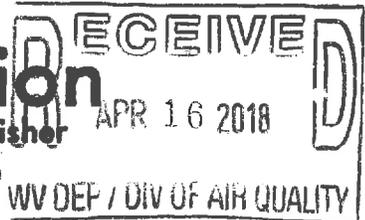
www.dep.wv.gov/daq/Pages/NSRPermitsforReview.aspx.

Further, hard copies of the above listed documents, including the permit application, the preliminary determination, the draft permit, and supporting materials will be available for review at the DAQ's Charleston office (address given above) between the hours of 8:00 am and 5:00 pm, Monday through Friday, holidays excluded. If unable to download the documents, they will also, by request, either be made available at one location in the region in which the source is proposed to be located or be provided within a reasonable time-frame by contacting the above referenced engineer.
3/28/18

Certificate of Publication

JEFFERSON PUBLISHING COMPANY, INC., Publisher

SPIRIT OF JEFFERSON ADVOCATE



Charles Town, W. Va. March 28 2018

I hereby certify that the annexed Air Quality Permit Notice

in the case of ROXUL USA (R14-0037)

has been published once a week for One successive weeks, in the Spirit of Jefferson

Advocate, a newspaper published in Charles Town, Jefferson County, West Virginia, in the issues of

March 28, 2018,

as required by law.

[Signature]
Editor/Manager, Spirit of Jefferson Advocate

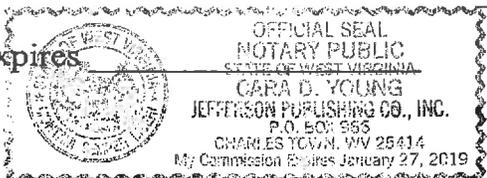
State of West Virginia
County of Jefferson

Personally appeared before me, Mary Burns, Editor/Manager

of the Spirit of Jefferson Advocate, and made oath that the above certificate is true and correct.

Cara D. Young
Notary Public

Commission expires



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I.D. No. 037-0010 B Reg. R14-0037
Company ROXUL
Facility RAN FACILITY Region _____
Initials [Signature]