



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706 • (208) 373-0502

C.L. "Butch" Otter, Governor  
Toni Hardesty, Director

July 15, 2010

Jeff Steyaert, Environmental Manager  
Knife River  
5450 W. Gowen Road  
Boise, Idaho 83709

RE: Facility ID No. 777-00378, Knife River, Boise  
PR 2010.0041 Project No. 60521 Permit by Rule Registration Notification, Portable Rock  
Crushing Facility

Dear Mr. Steyaert:

The Department of Environmental Quality (DEQ) received a Permit by Rule Registration form on July 6, 2010 for a portable Nonmetallic Mineral Processing Plant from Knife River. The registration is for the following equipment, which includes all equipment currently registered for Facility ID No. 777-00378:

<u>Initial Crushers &amp; Grinding Mills<sup>1</sup></u>	<u>Secondary Crushers &amp; Grinding Mills</u>	<u>Secondary Crushers &amp; Grinding Mills (cont'd)</u>	<u>Screen Decks (cont'd)</u>	<u>Electrical Generators</u>
<b>Pioneer Jaw crusher</b> Serial No.: UH2946 Capacity (T/hr): 500 Manufactured: 1965	<b>ELjay Cone crusher</b> Serial No.: 776 Capacity (T/hr): 300 Manufactured: 1975	<b>Cedarapids Impactor crusher</b> Serial No.: 053172 Capacity (T/hr): 300 Manufactured: 2001	<b>JCI screen</b> Size (ft): 6 X 20 No. of Decks: 3 Serial No.: SO51491 Manufactured: 2005	<b>Caterpillar generator</b> Output (kW): 800 Fuel Type: #2 Fuel Oil
<b>Texas VSI crusher</b> Serial No.: 1999026 Capacity (T/hr): 200 Manufactured: 1999	<b>JCI Kodiak K400 cone crusher</b> Serial No.: PC3333071/CO70286 Capacity (T/hr): 400 Manufactured: 2007	<b>Screen Decks</b> <b>Cedarapids screen</b> Size: 6' x 16' Number of Decks: 3 Serial No.: 054365 Manufactured: 2007	<b>JCI screen</b> Size (ft): 6 X 20 No. of Decks: 3 Serial No.: PC320606 Manufactured: 2005	<b>Caterpillar Generator</b> Output (kW): 600 Fuel: #2 Diesel
<b>Cedarapids Jaw crusher</b> Serial No.: PC223619506 Capacity (T/hr): 200 Manufactured: 2005	<b>JCI Roller Cone crusher</b> Serial No.: PC320606 Capacity (T/hr): 300 Manufactured: 2005	<b>Cedarapids screen</b> Size (ft): 6 X 16 No. of Decks: 3 Serial No.: 49495 Manufactured: 1996	<b>Cedarapids screen</b> Size (ft): 6 X 16 No. of Decks: 2 Serial No.: O54365 Manufactured: 2005	<b>Caterpillar Generator</b> Output (kW): 1100 Fuel: #2 Diesel
<b>Pioneer Jaw crusher</b> Serial No.: UH-2946 Capacity (T/hr): 300 Manufactured: 2005	<b>JCI Roller Cone crusher</b> Serial No.: PO-3-333-07 Capacity (T/hr): 300 Manufactured: 2005	<b>JCI screen</b> Size (ft): 8 X 20 No. of Decks: 3 Serial No.: PO60358 Manufactured: 2006	<b>Cedarapids screen</b> Size (ft): 8 X 20 No. of Decks: 3 Serial No.: 052179 Manufactured: 2005	<b>Caterpillar Generator</b> Output (kW): 400 Fuel: #2 Diesel
<b>Total Capacity (T/hr)<sup>2</sup></b> 300 tons per hour	<b>VSI Canica crusher</b> Serial No.: 10036000 Capacity (T/hr): 400 Manufactured: 2000		<b>Kolberg screen</b> Size (ft): 6 X 20 No. of Decks: 3 Serial No.: WP-0516 Manufactured: 2007	

<sup>1</sup> Per 40 CFR 60.771, Capacity means the cumulative rated capacity of all initial crushers that are part of the plant. Initial crusher means any crusher into which nonmetallic minerals can be fed without prior crushing in the plant.

<sup>2</sup> T/hr = tons per hour

This registration for Permit by Rule is effective immediately, and replaces PR-2009.0041 issued on April 3, 2009. We recommend that you maintain a copy of this letter and a copy of the enclosed registration form for your records, and have a copy of this letter available at all sites where the registered equipment is being operated or stored.

Please be advised that the equipment operation, monitoring, and recordkeeping for this portable rock crushing equipment must comply at all times with the Rules for the Control of Nonmetallic Mineral Processing Plants in accordance with IDAPA 58.01.01.790 through 802 (Rules for the Control of Air Pollution in Idaho). A copy of IDAPA 58.01.01.790 through 802 is attached. A description of the portable rock crusher PBR program and links to PBR guidance and forms for registration, relocation, and operations monitoring are provided on DEQ's website at [http://www.deq.idaho.gov/air/permits\\_forms/permitting/pbr.cfm](http://www.deq.idaho.gov/air/permits_forms/permitting/pbr.cfm).

EPA has amended the Standards of Performance for Nonmetallic Mineral Processing Plants (NMPP). The amendments include revisions to the emission limits for NMPP affected facilities which commence construction, modification, or reconstruction on or after April 22, 2008. These amendments include additional testing and monitoring for affected facilities that commence construction, modification, or reconstruction on or after April 22, 2008; exemption of affected facilities that process wet material from this rule; changes to simplify the notification requirements for all affected facilities; and changes to definitions and various other clarifications. These amendments are not presently within the IDAPA 58.01.01.790 through 802 (Rules for the Control of Air Pollution in Idaho). The amendments can be downloaded from <http://ecfr.gpoaccess.gov> (select Title 40, select 60.1-end, select 60.1 thru 60.4420, select Subpart 000).

In order to fully understand the compliance requirements of this Permit by Rule, DEQ highly recommends that you schedule a meeting with Tom Krinke, Air Quality Compliance Officer, at (208) 373-0550 to review and discuss the terms and conditions of this Permit by Rule. Should you choose to schedule this meeting, DEQ recommends the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any other staff responsible for day-to-day compliance with permit conditions.

#### **Other Air Quality Requirements**

You will be required to submit a portable equipment relocation form each time the plant is moved to a new site of operations. DEQ requires that this form be submitted at least ten days prior to relocating the equipment. A copy of the form is enclosed for your convenience. You are also required to log the hours of operation for any electrical generator used, log all fugitive dust complaints, and log all triggers that initiate fugitive dust control. A copy of each of those forms is also enclosed. If you have questions regarding this Permit by Rule process, please contact Robert Baldwin at (208) 373-0502 or [Robert.Baldwin@deq.idaho.gov](mailto:Robert.Baldwin@deq.idaho.gov).

Sincerely,



Mike Simon  
Stationary Source Program Manager  
Air Quality Division

MS/REB

Project No. 60521

Enclosures

REV 12/20/07