



STATE OF IDAHO
DEPARTMENT OF ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706 • (208) 373-0502
www.deq.idaho.gov

C.L. "Butch" Otter, Governor
John H. Tippetts, Director

August 28, 2015

Steve Hylton, Aggregate Manager
Knife River
5450 W. Gowen Road
Boise, Idaho 83709

RE: Facility ID No. 777-00378, Knife River, Boise
PR-2009.0041 Project 61581 Permit by Rule Registration Notification
Portable Rock Crushing Facility

Dear Mr. Hylton:

The Department of Environmental Quality (DEQ) received a Permit by Rule Registration form on August 17, 2015 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:

Primary Crushers and Grinding Mills¹

JCI Jaw crusher
Serial No.: 413795
Capacity (T/hr): 450
Manufactured: 2014

Texas VSI crusher
Serial No.: 1999026
Capacity (T/hr): 200
Manufactured: 1999

KPI – JCI Jaw crusher
Serial No.: 413683
Capacity (T/hr): 450
Manufactured: 2014

Secondary Crushers and Grinding Mills

ELjay Cone crusher
Serial No.: 776
Capacity (T/hr): 300
Manufactured: 1975

JCI Impactor
Serial No.: 413510
Capacity (T/hr): 160
Manufactured: 2014

JCI Roller Cone crusher
Serial No.: PC320606
Capacity (T/hr): 300
Manufactured: 2005

JCI Roller Cone crusher
Serial No.: PO-3-333-07
Capacity (T/hr): 300
Manufactured: 2005

Screen Decks

Cedarapids screen
Size: 6' x 16'
Number of Decks: 3
Serial No.: 054365
Manufactured: 2007

Cedarapids screen
Size (ft): 6 X 16
No. of Decks: 3
Serial No.: 49495
Manufactured: 1996

CEC screen
Size (ft): 5 X 12
No. of Decks: 2
Serial No.: 06329
Manufactured: 1969

Screen Decks (cont'd)

JCI screen
Size (ft): 6 X 20
No. of Decks: 3
Serial No.: SO51491
Manufactured: 2005

JCI screen
Size (ft): 6 X 20
No. of Decks: 3
Serial No.: PC320606
Manufactured: 2005

CEC screen
Size (ft): 5 X 12
No. of Decks: 2
Serial No.: 98464
Manufactured: 1978

Cedarapids screen
Size (ft): 8 X 20
No. of Decks: 3
Serial No.: 052179
Manufactured: 2005

Electrical Generators

Caterpillar generator
Output (kW): 910
Fuel Type: #2 Fuel Oil

Caterpillar generator
Output (kW): 600
Fuel: #2 Diesel

Caterpillar generator
Output (kW): 750
Fuel: #2 Fuel Oil

MultiQuip generator
Output (kW): 400
Fuel: #2 Diesel

Caterpillar generator
Output (kW): 400
Fuel: #2 Diesel

Caterpillar generator
Output (kW): 2000
Fuel: #2 Fuel Oil

Total Capacity (T/hr)²

450 tons per hour

¹ 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.

² T/hr = tons per hour

This registration for Permit by Rule is effective immediately, and replaces Permit by Rule registration PR-2009.0041, issued on October 9, 2014. We recommend that you maintain a copy of this letter 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. 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/permitting/air-quality-permitting/permit-by-rule.aspx>.

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> (Title 40, Part 60.1-end, Part 60.1 thru 60.4420, 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) 373-0419 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 Kelli Wetzel (208) 373-0502 or kelli.wetzel@deq.idaho.gov.

Sincerely,



Mike Simon
Stationary Source Program Manager
Air Quality Division

MS/KW PR-2009.0041 PROJ 61581

Enclosures