STATE OF MISSOURI

Matt Blunt, Governor • Doyle Childers, Director

DEPARTMENT OF NATURAL RESOURCES

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AUG 2 2 2006

Mr. Tommy Crouch
Compliance Officer
Capital Quarries Company
822 West Stadium Blvd
Jefferson City, MO 65109

Re: Temporary permit for portable rock-crushing plant, PORT-0462
Temporary permit number: 082006-006
Project number: 2006-08-023
Temporary permit expiration date: October 23, 2006

Dear Mr. Crouch:

The Missouri Department of Natural Resources' Air Pollution Control Program has completed a review of your August, 2, 2006 request for a temporary permit for your portable rock-crushing plant, PORT-0462, to operate concurrently with Continental Cement Company's stationary plant (173-0001) in Ralls County (S2, T56N, R4W). The Air Pollution Control Program is hereby granting your request for this temporary operation.

The portable plant, PORT-0462, will be relocating to the site to process rock for the construction of the foundation for the newly permitted Continental Cement Kiln. PORT-0462 will crush shot rock supplied by Continental Cement. There will be a 200 feet haul road for the transportation of the shot rock from the pit to the plant, but no haul roads will be used for the crushed rocks because the crushed rocks will be stockpiled near the plant. The plant will be located no less than 1155 feet from the nearest property boundary. The plant will require no longer than a few weeks to process these rocks, but will be given two months to complete the project in case of delays due to weather and other factors beyond the company's control. The expiration date of this temporary permit is October 23, 2006. The company shall not operate at this site beyond this date.

The portable plant, PORT-0462, will be permitted to crush up to 60,000 tons of rock while at this location. It is assumed that the ambient impact of particulate matter less than 10 μm in diameter (PM_{10}) at or beyond the nearest property boundary should be negligible if the plant only operates for two months at the site. This assumption is based on the use of Best Management Practices to control fugitive emissions from haul roads and storage piles, an inherent moisture content of greater than 1.5%, and a production limit of 60,000 tons of rock. Please see the attached Site-Specific Special Conditions for details on these control measures and other compliance requirements for the plant.

PORT-0462 is a generic plant and will be allowed to operate a maximum of four (4) diesel engines with a combined horsepower of 2,500 to power its equipment. The diesel engine shall only operate while the plant is running. If the company decides that it would like to operate the diesel engine when the plant is not running, a new permit review will be required. For emissions analysis, a diesel engine efficiency of 35% is assumed.

Table 1: Emissions Summary (tons per year)

Air Pollutant	Regulatory *De Minimis* Levels	Existing Potential Emissions	Existing Actual Emissions (2005 EIQ)	Potential Emissions of the Application	*New Installation Conditioned Potential	Emission Factor (lb/ton)
PM_{10}	15.0	137.64	1.78	137.64	1.31	N/A
SOx	40.0	32.15	0.15	32.15	0.31	N/A
NOx	40.0	254.62	4.53	254.62	2.42	N/A
VOC	40.0	6.52	0.37	6.52	0.06	N/A
CO	100.0	67.63	0.98	67.63	0.64	N/A
HAPs	10.0/25.0	0.13	N/D	0.13	0.00	N/A

Note: N/A = Not Applicable; N/D = Not Determined
*Conditioned potential based on a production limit of 60,000 tons of rocks while operating at the site.

You are still obligated to meet all applicable air pollution control rules, Department of Natural Resources' rules, or any other applicable, federal, state, or local agency regulations. Specifically, you should avoid violating, 10 CSR 10-6.170 *Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin* and 10 CSR 10-6.220, *Restriction of Emissions of Visible Air Contaminants.*

A copy of this letter and the attached special conditions should be kept with the plant and be made available to any Department of Natural Resources personnel upon request. If you have any questions regarding this temporary permit, please contact Chia-Wei Young of the New Source Review Unit at (573) 751-4817. Thank you for your time and cooperation.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

Kyra L Moore

Kyra L. Moore
Permits Section Chief

KLM:cwyl

c: Mr. Dean Smart/Consultant
Northeast Regional Office
PAMS File 2006-08-023

SITE-SPECIFIC SPECIAL CONDITIONS:
The permittee is authorized to construct and operate subject to the following special conditions:

The special conditions listed in this permit were included based on the authority granted the Missouri Air Pollution Control Program by the Missouri Air Conservation Law (specifically 643.075); by the Missouri Rules listed in Title 10, Division 10 of the Codes of State Regulations (specifically 10 CSR 10-6.060); by 10 CSR 10-6.060 paragraph (12)(A)10. "Conditions required by permitting authority"; by 10 CSR 10-6.010 "Ambient Air Quality Standards" and 10 CSR 10-6.060 subsections (5)(D) and (6)(A); and by control measures requested by the applicant, in their permit application, to reduce the amount of air pollutants being emitted, in accordance with 10 CSR 10-6.060 paragraph (6)(E)3. Furthermore, one or more of the Subparts of 40 CFR Part 60, New Source Performance Standards (NSPS), applies to this installation.

Site ID No.: 173-0001
Site Name: Continental Cement Quarry
Site Address: 10107 Highway 79 South, Hannibal, MO 63401
Site County: Ralls County (S2, T56N, R4W)

1. Best Management Practices
   Capital Quarries Company shall control fugitive emissions from all of the haul roads and stockpiles at this site by performing *Best Management Practices*, which include the usage of paving, chemical dust suppressants, or documented watering. These practices are defined in Attachment AA.

2. Moisture Content Testing Requirement for Inherent Moisture Content
   A. The inherent moisture content of the rock will reduce particulate emissions. Capital Quarries Company claimed the inherent moisture content of the processed rock to be greater than or equal to 1.5 wt.%, which shall be verified by testing.
   B. Testing shall be conducted according to approved methods, such as those prescribed by the *American Society for Testing Materials (ASTM D-2216 or C-566)*, EPA AP-42 Appendix C.2, or other method(s) approved by the Director. The first test shall be no later than 5 days after startup.
   C. Test samples shall be obtained before processing (before entering the primary crusher) and after processing (prior to load-in to bins and/or storage piles). During the sample processing run only, any spray devices shall be turned off during the processing from which test samples are obtained. The written analytical report shall include the raw data and moisture content (wt.%) of each sample, the test date, and the original signature of the individual performing the test. Within 30 days of completion of the required tests, the report shall filed on-site or at Capital Quarries Company's main office.
   D. If the inherent moisture content result of the first test is less than 1.5 wt.%, a second test must be performed within 5 days. If the result of the second test is less than 1.5 wt.%, Capital Quarries Company shall cease operations at the site and apply for a new construction permit to account for the revised information or install wet spray devices on the affected units.

3. Restrictions on Production
   A. The portable plant, PORT-0462, shall be limited to 60,000 tons of rock processed during the time that it is at the site.
   B. To demonstrate compliance, the operator(s) shall maintain a daily record of material processed. Attachment A, *Total Production Tracking Record*, or other equivalent forms, shall be used for this purpose.

4. Prohibition Against Concurrent Operations Without Further Air Pollution Control Program Review
   The portable plant (PORT-0462) is prohibited from operating whenever any other plant(s) are located at this site, except for Continental Cement Company's stationary plant, 173-0001.

5. Restriction on Process Configuration of Primary Emission Point(s)
   The maximum hourly design rate of the plant is equal to the sum of the design rate(s) of the primary emission point(s). Capital Quarries Company has designated the following unit(s) as the primary emission point(s) of the portable plant: Primary Crusher. Bypassing the primary emission point(s) for processing is prohibited.

SITE-SPECIFIC SPECIAL CONDITIONS:
The permittee is authorized to construct and operate subject to the following special conditions:

6. Restriction on Minimum Distance to Nearest Property Boundary
The primary emission point of the portable plant, which is the primary crusher, shall be located at least 1155 feet from the nearest property boundary whenever it is operating at this site.

7. Restriction on the Use of Diesel Engine(s)
The portable plant, PORT-0462, shall only operate the diesel engine when the plant is running. If the company decides that it would like the option of using the diesel engine when the plant is not operating, a new permit review will be required.

8. Record Keeping Requirement
The operator(s) shall maintain all records required by this permit for not less than five (5) years and shall make them available immediately to any Missouri Department of Natural Resources' personnel upon request.

9. Reporting Requirement
The operator(s) shall report to the Air Pollution Control Program (APCP) Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after any exceedances of the limitations imposed by this permit.

Attachment A: Total Production Tracking Record
Capital Quarries Company, PORT-0462, Portable Rock-Crushing Plant

Project Number: 2006-08-023
County, CSTR: Ralls County (S2, T56N, R4W)
Primary Unit Size: 600 tph
Distance to Nearest Property Boundary: 1155 feet

Date	Daily Production (tons)	*Total Production (tons)

* Total Production (tons) is a running total calculated by adding the Daily Production (tons) of that day to the Total Production (tons) recorded on the previous day. A Total Production (tons) of less than **60,000** tons indicates compliance.