



State of Ohio Environmental Protection Agency

Street Address:

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Lazarus Gov.
Center

RE: **FINAL PERMIT TO INSTALL MODIFICATION** CERTIFIED MAIL
FAYETTE COUNTY
Application No: 01-07317

DATE: 2/15/2001

Blue Rock Quarry
Catherine Hanna
780 N Valley Rd
Xenia, OH 45385

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA

CDO



**Permit To Install
Terms and Conditions**

**Issue Date: 2/15/2001
Effective Date: 2/15/2001**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 01-07317

Application Number: **01-07317**
APS Premise Number: **0124010001**
Permit Fee: **\$0**
Name of Facility: **Blue Rock Quarry**
Person to Contact: **Catherine Hanna**
Address: **780 N Valley Rd
Xenia, OH 45385**

Location of proposed air contaminant source(s) [emissions unit(s)]:
**10815 State Route 41 N
Greenfield, OHIO**

Description of modification:
Primary crusher.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Blue Rock Quarry

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GENERAL PERMIT CONDITIONS

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCES

The proposed source(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of Ohio Administrative Code (OAC) Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet applicable standards.

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 days of the effective date of this permit to install.

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PUBLIC DISCLOSURE

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC Rule 3745-49-03.

APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

BEST AVAILABLE TECHNOLOGY

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

PERMIT TO OPERATE APPLICATION AND OPERATION AFTER COMPLETION OF CONSTRUCTION

If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the source(s) covered by this permit.

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AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for **Blue Rock Quarry** located in **FAYETTE** County. The sources listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
P002	500 TPH crusher, includes loading hopper.	The aggregate materials processed through the primary crusher shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from the crusher and transfer points so that compliance with the NSPS opacity requirement is continuously maintained.	3745-31-05 3745-17-07 3745-17-11 NSPS, 40 CFR 60, Subpart OOO 3745-31-03 (A)(1)(p)(i)	0.35 lb PM/hr 1.53 TPY PM Fugitive emissions from crusher shall not exceed 15% opacity. Relocation requirements, see Additional Special Term and Condition A.4.

SUMMARY TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

Pollutant

PM

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Tons/Year

1.53

CONSTRUCTION COMPLIANCE CERTIFICATION

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

A. Operational Restrictions

1. The permittee shall minimize the drop height of aggregate and ensure that the aggregate has sufficient moisture content to minimize or eliminate the emission of fugitive dust at all times. Dry dusty material shall be wetted prior to loading onto the piles.
2. The permittee shall maintain and employ a water truck, or other water distributing device, with spray nozzle and/or spray bar so as to apply water to the crusher area, and /or any associated raw material storage piles to minimize or eliminate fugitive dust generated by vehicles associated with crusher activity.
3. The aggregate materials processed through the primary crusher shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from the crusher and transfer points so that compliance with the NSPS opacity requirement of 15 percent or less is continuously maintained.
4. Notice to relocate a Portable or Mobile Source
 - a. Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a Permit to Install providing the following are met:

(p) the relocation of any portable source in the state of Ohio that meets either paragraph (p)(i) or paragraph (p)(ii) of the following:

 - i. the company has demonstrated the following:
 - aa. the portable source is equipped with the best available control technology for such portable source;
 - ab. the portable source is operating pursuant to a currently effective permit to

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operate;

- ac. the applicant has provided proper notice of intent to relocate the portable source to the Director within a minimum of thirty days prior to the scheduled relocation; and,
- ad. in the Director's judgment, the proposed site is acceptable under rule 3745-15-07 of the Ohio Administrative Code, or
- ii. The Director has issued a site approval for the new location pursuant to rule 3745-31-05 of the Ohio Administrative Code.

OAC rule 3745-31-05 states:

An applicant whose air contaminant source(s) meets the following criteria may request in writing that the air contaminant source(s) be placed on permit to install registration status. In order to be considered for registration status, the air contaminant source owner or operator must:

- aa. submit a complete permit to install application;
- ab. demonstrate compliance with all applicable law including the employment of best available technology;
- ac. have maximum uncontrolled emissions as defined in paragraph (LL) of rule 3745-31-01 of the Ohio Administrative Code of less than five tons per each year for particulate matter, sulfur dioxide, nitrogen oxides, and organic compounds;
- ad. not be subject to the U.S. EPA new source performance standards; and,
- ae. not to be subject to the national emission standards for hazardous air pollutants or a U.S. EPA promulgated standard for hazardous air pollutants.

B. Monitoring and/or Recordkeeping Requirements

None.

C. Compliance Determination

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1. The Source P002 shall be judged to be in compliance when operated in a manner consistent with that described in the Permit to Install Application number 01-07317. The moisture content of the materials stored and added to the crusher shall be sufficient as to eliminate and/or minimize visible particulate emissions.
2. Particulate emissions levels at or below 0.35 pound an hour and 1.53 tons per year. These levels reflect the potential to emit of this source based on emission factors found AP-42 Table 11.19.2-2. These levels are arrived at by taking the total particulate matter factor (0.0007 pound/ton) for primary crushing and multiplying it by the maximum hourly rate of the crusher (500 tons/hour) and then multiplying that amount by 8760 hours a year.
3. Emission Limitation

Opacity shall not exceed 15 percent

Compliance Method

Opacity readings shall be performed in accordance with Method 9 of 40 CFR Part 60, Appendix A.

D. Recordkeeping Requirements

None.