



State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149
(614) 644-3020
FAX (614) 644-2329

STATE
S.E.D.C.

1993 APR 12 AM 11:13

George V. Voinovich
Governor

Donald R. Schregardus
Director

Re: Permit to Install
Vinton County
Application No: 06-3536
NSPS

CERTIFIED MAIL

April 7, 1993

JAYMAR QUALITY LIMESTONE
MIKE HASKINS
8751 N ST RT 7
CHESHIRE, OH 45620

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions I urge you to read it carefully.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Board of Review 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 with the Environmental Board of Review within thirty (30) days after notice of the Director's 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 Board. An appeal may be filed with the Environmental Board of Review at the following address:

Environmental Board of Review
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

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

cc: US EPA
SOUTHEAST DISTRICT OFFICE, DAPC

Permit to Install Terms and Conditions

Application No. 06-3536
APS Premise No. 0682000053
Permit Fee: \$3200.00

Name of Facility: JAYMAR QUALITY LIMESTONE

Person to Contact: MIKE HASKINS

Address: 8751 N ST RT 7
CHESHIRE, OH 45620

Location of proposed source(s): NW CORNER OF MILTON TWP RD & ST RT 32
CLINTON TWP, OHIO

Description of proposed source(s):
LIMESTONE PROCESSING PLANT, MATERIAL HANDLING, STORAGE PILES
AND ROADWAYS.

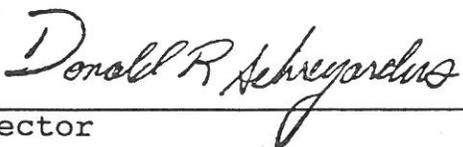
Date of Issuance: April 7, 1993

Effective Date: April 7, 1993

The above named entity is hereby granted a permit to install for the above described source(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit 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 and specifications, the above described source(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency



Director

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 SOURCE(S)

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 Ohio 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 prove to be inadequate or 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 15 days of the effective date of this permit to install.

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

A Permit to Operate application and a \$15 application fee must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be made at least 90 days prior to start-up of the source.

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for JAYMAR QUALITY LIMESTONE located in Vinton 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 and OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control & Usage Requirements</u>
F001	Limestone Processing Plant	Wet Suppression, See Additional Special Terms & Conditions	3745-31-05 (A)(3) (A)(2) 40 CFR Part 60 Subpart 000	Water sprays and enclosure shall be maintained to minimize or eliminate visible emissions of fugitive dust to no greater than 10 percent opacity. Maximum hourly emissions of particulate matter shall not exceed 21.6 pounds per hour
F002	Limestone Handling and Transfer	Wet Suppression, See Additional Special Terms & Conditions	3745-31-05 (A)(3) (A)(2) 40 CFR Part 60 Subpart 000	Good operating practices shall be used to minimize or eliminate visible emissions of fugitive dust to no greater than 10 percent opacity. Maximum hourly emissions of particulate matter shall not exceed 19.02 pounds per hour
F003	Limestone Storage Piles	Wet Suppression Precautionary Operating Practices, No Visible Emissions Exceeding 1 min./hr, See Additional Special Terms and Conditions	3745-31-05 (A)(3)	Minimize or eliminate visible emissions

F004	Roadways and Parking Areas	Roadway Watering, No Visible Emissions Exceeding 3 min.hr, See Additional Special Terms and Conditions	3745-31-05 (A)(3)	Minimize or eliminate visible emissions
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SUMMARY
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
Particulate	44.75

NSPS REQUIREMENTS

The following sources are subject to the applicable provisions of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

<u>Source No.</u>	<u>Source Description</u>	<u>NSPS Regulation (Subpart)</u>
F001	Limestone Processing Plant	000
F002	Limestone Handling Plant	000

The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

1. Construction date (no later than 30 days after such date);
2. Anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
3. Actual start-up date (within 15 days after such date); and
4. Date of performance testing (at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
Permit Management Unit
P.O. Box 1049
Columbus, OH 43266-0149

and

Ohio EPA, SEDO
Air Pollution Group
2195 Front Street
Logan, OH 43138

PERFORMANCE TEST REQUIREMENTS

The permittee shall conduct, or have conducted, performance testing on the air contaminant source(s) in accordance with procedures approved by the Agency. Two copies of the written report shall be submitted and signed by the person responsible for the test, describing the test procedures followed and the results of such tests. The Director, or an Ohio EPA representative, shall be allowed to witness the tests, examine testing equipment, and require the acquisition or submission of data and information necessary to assure that the source operation and testing procedures provide a valid characterization of the emissions from the source and/or the performance of the control equipment.

1. A completed Intent to Test form shall be submitted to the appropriate Ohio EPA District Office or Local Air Pollution Control Agency where the original permit application was filed. This notice shall be made 30 days in advance and shall specify the source operating parameters, the proposed test procedures, and the time, date, place and person(s) conducting such tests.
2. Two copies of the test results shall be submitted within 30 days after the completion of the performance test.
3. Tests shall be performed for the following sources and pollutants:

Source

F001, F002

Pollutant(s)

Visible Emissions of Particulate

RECORD(S) RETENTION AND AVAILABILITY

All records required by this Permit to Install shall be retained on file for a period of not less than two years unless otherwise indicated by Ohio Environmental Protection Agency. All records shall be made available to the Director, or any authorized representative of the Director, for review during normal business hours.

MAINTENANCE OF EQUIPMENT

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

MALFUNCTION/ABATEMENT

In accordance with OAC Rule 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the Southeast District Office, 2195 Front Street, Logan, Ohio 43138.

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

AIR POLLUTION NUISANCES PROHIBITED

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

NINETY DAY OPERATING PERIOD

The facility will be permitted to operate during a 90-day period in accordance with OAC Rule 3745-35-02(C)(4)(b). The purpose of this period of operation is to fulfill the performance test conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

1. As specified in OAC 3745-31-05, all new sources must, at a minimum, employ Best Available Technology. The following items and conditions fulfill these requirements and any applicable federal regulations.
2. For the unpaved roadways and parking areas, there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period.

All unpaved road segments shall, at a minimum every day during periods of dry weather, be treated with water twice each morning and twice each afternoon when the facility is in operation in such a manner to minimize or eliminate, at all times, visible emissions of fugitive dust generated by vehicular traffic. All unpaved parking areas shall, at a minimum during periods of dry weather, be treated with water twice each day in a manner to minimize or eliminate, at all times, visible emissions of fugitive dust generated by vehicular traffic.

Jaymar Quality Limestone shall maintain daily records for each unpaved road segment and unpaved parking area which include the following information:

- a. the name of each road segment or parking area;
- b. the date and time each road segment or parking area was treated;
- c. the application rate of water and any chemical additives;
- d. the name of the equipment operator responsible for the treatment; and
- e. the general weather conditions for the day.

These records shall be kept for a period of two (2) years and shall be available for inspection at all times, upon request by personnel from the Ohio EPA.

The roadways around the limestone piles shall be treated as necessary to minimize or eliminate fugitive dust emissions generated by vehicular traffic.

3. For material storage piles, there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.

Precautionary operating practices shall be used at all times to minimize fugitive dust emissions from the limestone storage piles. The practices include but are not limited to the following:

- a. Minimize front end loader and conveyor heights when dumping limestone into storage piles or trucks.
4. The fugitive dust emissions from the material handling and transfer operations shall be minimized or eliminated by precautionary operating practices for transferring limestone into and out of trucks, loaders, and onto the conveyors. These practices include:
- a. minimizing front end loader heights;
 - b. controlling dump heights and speeds for trucks; and
 - c. not overloading conveyors.

The fugitive dust emissions from the crushers and screens shall be controlled by a wet suppression system consisting of water sprays located at fugitive dust generating points.

5. Further emission controls may be required by the Ohio EPA if the proposed emission control system does not function at the desired efficiency.
6. Annual throughput shall be limited to the amount specified in the permit application of 540,000 tons per year.