

HARDIN COUNTY

PUBLIC NOTICE PUBLIC HEARING
OHIO ENVIRONMENTAL PROTECTION AGENCY
ISSUANCE OF DRAFT PERMITS TO INSTALL AND A DRAFT NATIONAL POLLUTANT
DISCHARGE ELIMINATION SYSTEM PERMIT TO
NATIONAL LIME AND STONE COMPANY
15240 COUNTY ROAD 20 DUNKIRK, OHIO

Public notice is hereby given that the Ohio EPA - Division of Surface Water (DSW) has issued, on March 05, 2002 a draft National Pollutant Discharge Elimination System (NPDES) permit (2IJ00092) for the discharge from a proposed National Lime and Stone Company, Quarry De-Watering system. Public notice is also given that Ohio EPA-DSW has issued, on March 05, 2002 a draft Permit to Install (PTI) (03-12744) for the construction of the proposed disposal system.

Public notice is also hereby given that the Ohio Environmental Protection Agency (EPA) Division of Air Pollution Control has issued, on March 05, 2002, a draft PTI(03-13463) to National Lime and Stone Company for quarry mineral extraction operations.

The de-watering disposal system and mineral extraction operations are proposed to be located at 15014 County Road 20, Blanchard Township, Hardin County Ohio (Location of Discharge: 001 - 40° 48' 14" N; 83° 35' 10" W). Treated wastewaters are proposed to be discharged at the same location. This limestone quarry has 1 existing discharge point. The current operations of this discharger result in an average effluent flow of 700,000 gallons per day. Key parameters to be limited in the permit are as follows: pH and Total Suspended Solids. The proposed wastewater discharges are to an unnamed tile to Ripley Run and subsequently the Blanchard River.

The contents of the NPDES permit and Permit to Install applications for construction of the de-watering system indicate an exclusion from various portions of the antidegradation review and information submittal requirements applies as outlined by section 3745-1-05(D)(1). This provision excludes the need for the submittal and subsequent review of technical alternatives and social and economic issues related to the degradation. Other rule provisions, however, including public participation and appropriate intergovernmental coordination were required and considered prior to reaching this decision. A public hearing on the above applications was held on April 23, 2001, a responsiveness summary is included with the draft permits.

Copies of the draft PTI and NPDES permits are available for review at Ohio EPA's Northwest District Office, 347 North Dunbridge Road, Bowling Green, Ohio, (419) 352-8461. An Ohio EPA information session and public hearing concerning the draft permits will be held on Thursday May 2, 2002 at Hardin Northern High School, 11589 State Route 18, Dola, Ohio. The information session will begin at 7:00 PM. The public hearing will follow immediately and continue until all persons have had the opportunity to provide testimony related to the proposed permits.

All interested persons are entitled to attend or be represented and give written or oral comments on the draft permits at the hearing. Written comments must be received by Ohio EPA at the close of the business day on Thursday May 09, 2002. Comments received after this date will not be considered to be a part of the official record. Written comments may be submitted at the hearing or sent to: Jan Tredway of Ohio EPA's Northwest District Office, 347 North Dunbridge Road, Bowling Green, Ohio 43402



State of Ohio Environmental Protection Agency

Street Address:

Mailing Address:

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Lazarus Gov.
Center

**RE: DRAFT PERMIT TO INSTALL
HARDIN COUNTY**

CERTIFIED MAIL

Application No: 03-13463

DATE: 3/5/2002

National Lime & Stone Company
Dan Mapes
P.O. Box 120 Lake Cascades Parkway
Findlay, OH

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43266-0149.

A Permit to Install may be issued in proposed or final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install a fee of **\$1000** will be due. Please do not submit any payment now.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Very truly yours,

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

CC: USEPA

NWDO

IN



**Permit To Install
Terms and Conditions**

**Issue Date: To be entered upon final issuance
Effective Date: To be entered upon final issuance**

DRAFT PERMIT TO INSTALL 03-13463

Application Number: 03-13463
APS Premise Number: 0333000039
Permit Fee: **To be entered upon final issuance**
Name of Facility: National Lime & Stone Company
Person to Contact: Dan Mapes
Address: P.O. Box 120 Lake Cascades Parkway
Findlay, OH 45839

Location of proposed air contaminant source(s) [emissions unit(s)]:
**15240 County Road 20
Dunkirk, Ohio**

Description of proposed emissions unit(s):
Mineral Extraction (Includes Overburden Removal, Drilling, Blasting, and Loading).

The above named entity is hereby granted a Permit to Install for the above described emissions unit(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 emissions unit(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 emissions unit(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

National Lime & Stone Company

Facility ID: 0333000039

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Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any

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information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. 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.

9. Construction of New Sources(s)

The proposed emissions unit(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

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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 cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(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 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 the requirements of this permit or cannot meet applicable standards.

10. 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.

11. Applicability

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit to Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

12. 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.

13. Source Operation and Operating Permit Requirements After Completion of Construction

- a. 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

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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).

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- b. 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.

14. 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.

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only) TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons Per Year</u>
PE (fugitive)	7.31

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Limitations/Control Measures</u>	<u>Emissions</u>
F001 - Mineral Extraction (Includes Overburden Removal, Drilling, Blasting, and Truck Loading)	OAC rule 3745-17-07(B)	None (see A.2.b.)	
	OAC rule 3745-17-08(B)	None (see A.2.a.)	
	OAC rule 3745-31-05 (A)(3)	7.31 TPY fugitive PE	
			Use of best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.d. through A.2.e.)
			Opacity restrictions (See A.2.f)

2. Additional Terms and Conditions

- 2.a National Lime & Stone Company - Hardin County Site is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), this emissions unit is exempt from the requirements of OAC rule 3745-17-08(B).
- 2.b This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(B) pursuant to OAC rule 3745-17-07(B)(11)(e).
- 2.c The mineral extraction operations that are covered by this permit and subject to the above-mentioned requirements are listed below:

Overburden removal and reclamation, blasting, drilling, limestone loading into trucks, and overburden loading into trucks.
- 2.d The permittee shall employ best available control measures for the above-identified

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mineral extraction operations for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permit application, the permittee has committed to perform the following control measures to ensure compliance:

<u>mineral extraction operation</u>	<u>control measure(s)</u>
overburden removal & reclamation	minimize area of disturbed land surface, reclaim land surface as expeditiously as possible, maintenance of inherent moisture content with water truck
blasting	minimize area to be blasted, prevention of overshooting
drilling	emissions vented to baghouse
limestone loading into trucks	prevent haul vehicle overloading, maintain low drop height from front end loader bucket
overburden loading into trucks	prevent haul vehicle overloading, maintain low drop height from front end loader bucket

Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

- 2.e** Implementation of the above-mentioned control measure(s) in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05.
- 2.f** Visible particulate emissions shall not exceed 20% opacity as a 3-minute average from the following mineral extraction operations: overburden removal and reclamation, drilling, limestone loading into trucks, and overburden loading into trucks.

B. Operational Restrictions

- 1. The permittee shall be limited to 52 blasts per year.
- 2. The permittee shall not process more than 1,000,000 tons of stone per year.

C. Monitoring and/or Recordkeeping Requirements

- 1. Except as otherwise provided in this section, for mineral extraction operations that are not

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adequately enclosed, the permittee shall perform inspections of such operations in accordance with the following minimum frequencies:

mineral extraction operation**minimum inspection frequency**

all

daily

2. The above-mentioned inspections shall be performed during representative, normal operating conditions.
3. The permittee may, upon receipt of written approval from the Ohio EPA Northwest District Office, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
4. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measure(s);
 - c. the dates the control measure(s) was (were) implemented; and
 - d. on a calendar quarter basis, the total number of days the control measure(s) was (were) implemented.

The information in 4.d. shall be kept separately for each mineral extraction operation identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

5. The permittee shall maintain the following monthly records for each blast:
 - a. the date the blast occurred;
 - b. the total number of blasts each month; and
 - c. The annual year to date, number of blasts (sum of b for each calendar month to date from January to December).

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6. The permittee shall maintain monthly records of the quantity of stone processed at the quarry, in tons per month. For each month, the permittee shall also calculate the annual, year-to-date, amount of stone processed (cumulative total of each month to date from January to December).

D. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency; and

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- b. each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.

The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

2. The permittee shall submit annual deviation reports that identify exceedances of the following:
- a. the annual number of blasts per year; and
- b. the annual limit of the amount of stone processed.

If no deviations occurred during a calendar year, the permittee shall submit an annual report, which states that no deviations occurred during that calendar year. The reports shall be submitted annually, by January 31 of each year and shall cover the previous calendar year.

E. Testing Requirements

1. Compliance Methods Requirements:
- a. Emission Limitation: 7.31 TPY fugitive PE

Applicable Compliance Method: The annual particulate emission limitations were developed by applying the following emission factors/equations and control efficiencies to the associated process weight rates:

Mineral Extraction Operation	Maximum Process Weight Rate	Control Efficiency	Emission Factor	Emission Factor Citation
Overburden Removal	700,000 tons/year	None Established	0.004 lb/ton removed	RACM Table 2.1.4-3, 9/88
Overburden Loading into Trucks	700,000 tons/year	None Established	Predictive Emission Factor Equation	AP-42 Table 13.2.4.3, 1/95
Limestone Loading into Trucks	1,000,000 tons/year	None Established	Predictive Emission Factor Equation	AP-42 Table 13.2.4.3, 1/95
Drilling	1,000,000 tons/year	90%	0.008 lbs/ton of material quarried	RACM Table 2.1.4-4, 9/88
Blasting	52 blasts/year	None	58.5 lbs per blast	RACM Table 2.1.4-4, 9/88

Natick**PTI****Issued: To be entered upon final issuance**Emissions Unit ID: **F001**

- b. Emission Limitation: Visible particulate emissions shall not exceed 20% opacity as a 3-minute average from the following mineral extraction operations: overburden removal and reclamation, drilling, limestone loading into trucks, and overburden loading into trucks.

Applicable Compliance Method: 40 CFR Part 60, Appendix A - Method 9

F. Miscellaneous Requirements

1. The permittee may apply to relocate portable emissions units (i.e., aggregate processing operations, associated roadways/parking areas, storage piles, etc.) through the submission of a "Notice of Intent to Relocate a Portable or Mobile Source." The notice of intent must be submitted at least 30 days prior to any planned relocation. Any notice of intent to relocate received by the Ohio EPA will be reviewed and evaluated in accordance with OAC rule 3745-31-03 (A)(1)(p). All requests for relocation must be approved by the Ohio EPA and no future approvals are guaranteed.

The permittee is advised that any and all activities emitting air contaminants at this site must be completely and properly addressed by an effective permit. All emissions units such as aggregate processing operations, roadways/parking areas, storage piles, etc. which are not completely and properly covered by an effective (portable) permit are required to obtain a permit to install prior to installation.