



State of Ohio Environmental Protection Agency

TOS
file

P.O. Box 1049, 361 E. Broad Street
Columbus, Ohio 43266-1049
(614) 466-8565

Richard F. Celeste
Governor

Re: Permit to Install
MONTGOMERY County
Application No. 08-1224 ✓

CERTIFIED MAIL

JUNE 3, 1987

RECEIVED

PIQUA CONCRETE CORP
8395 N PIQUA-LOCKINGTON RD
PIQUA, OHIO 45356

JUN 11 1987

REGIONAL AIR
POLLUTION
CONTROL AGENCY

Attention: HENRY J. ERNST

Dear Sir:

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 and the Environmental Law Division of the Office of the Attorney General 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 Section
Division of Air Pollution Control

TGR/gS

cc: US EPA
REGIONAL AIR POLLUTION CONTROL AGENCY



Permit to Install Terms and Conditions

Application No. 08-1224
APS Premise No. 0857701901
Permit Fee: \$600.

Name of Facility: PIQUA CONCRETE CORP

Person to Contact: HENRY J. ERNST

Address: 8395 N PIQUA-LOCKINGTON RD
PIQUA, OHIO 45356

Location of proposed source(s): 555 OLD SPRINGFIELD RD
BUTLER TWP, OHIO

Description of proposed source(s): PORTABLE CONCRETE BATCH PLANT
W/ROADWAYS & STORAGE PILES.

Date of Issuance: JUNE 3, 1987

Effective Date: JUNE 3, 1987

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

Acting Director

Substantial construction for installation must take place within eighteen months of the effective date of this permit. This deadline may be extended by up to twelve months, if application is made to the Director no less than sixty days before the expiration of this permit and the party shows good cause for any such extension.

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, examining records or reports pertaining to the construction, modification or installation of the above described source of environmental pollutants.

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.

The specified permit fee must be remitted within 15 days of the effective date of this permit to install.

If the construction of the proposed source 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 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.

EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for Piqua Concrete Corp. located in Montgomery County. The sources listed below shall not exceed the emission limits/control requirements contained in the following table:

<u>Ohio EPA Source No.</u>	<u>Source Identification</u>	<u>BAT Determination</u>	<u>Applicable Ohio EPA rule</u>	<u>Allowable Emissions (lb/hr, lb/MMBTU, gr/DSCF, etc.)</u>
P901	Batch plant	2 baghouses	3745-31-05	N/A
F001	Roadways	Watering of roadways a minimum of 4 times/day	3745-17-07	N/A
F002	Piles	Watering of piles to control emiss.	3745-17-07 3745-17-08	N/A

SUMMARY
 TOTAL NEW SOURCE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
Particulate emissions	9.4

This condition in no way limits the applicability of any other state or federal regulation.

WASTE DISPOSAL

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport, and disposal of any waste material generated by the operation of the sources.

PERMIT TO OPERATE APPLICATION

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

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.

MALFUNCTION/ABATEMENT

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.

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 Regional Air Pollution Control Agency, 451 W. Third St., Dayton, Ohio 45402. 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 said equipment, must be accompanied by the shutdown of the associated air pollution sources.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

1. Piqua Concrete Corp. shall employ reasonably available control measures (RACM) to restrict fugitive dust emissions from the plant roadways. If RACM is chosen to be the application of water, Piqua Concrete Corp. shall apply water to their roadways a minimum of four times daily. } *
FOO 1
2. Piqua Concrete Corp. shall employ RACM to limit fugitive dust emissions from the sand and aggregate storage piles to the greatest extent possible. } FOO 2
3. Visible emissions from this source shall not exceed five percent (5%) opacity from any stack as determined according to U.S. EPA Reference Method Nine (9) set forth in CFR Part 60. }
4. The specific operation(s), equipment and/or property which constitute the air contaminant source and which are covered by this permit are listed in the following table along with the applicable rule(s) of the Ohio Administrative Code:

<u>Operation(s), Equipment and/or Property</u>	<u>Applicable Rule(s) (OAC 3745-)</u>
Transfer of sand & aggregate to elevated bins	17-08(B)(6)
Cement silo vent	17-08(B)(3)(a) 17-08(B)(3)(b)
Weigh hopper loading of cement, sand, & aggregate	17-08(B)(3)(a)
Loading of transit-mix truck	17-08(B)(3)(a)
Plant roadways	17-08(B)(2) } → FOO 1
Storage piles	17-08(B) } → FOO 2

(This condition in no way limits the applicability of other requirements of the Ohio Administrative Code to this source.)

The allowable mass emission limitation(s) and/or control requirements for the operation(s), equipment and/or property identified above are specified in the following table:

<u>Operation(s), Equipment and/or Property</u>	<u>Allowable Mass Emission Limitation(s) and/or Control Requirements</u>
transfer of sand & aggregate to elevated bins	the drop height of the front- end bucket shall be minimized to the extent possible in order to minimize or eliminate visible emissions of fugitive dust from the conveyor loading area. the sand & aggregate loaded into the elevated bins shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from the conveyor & transfer point to bins.
cement silo vent	the silo vent shall be adequately enclosed & vented to the fabric filter; the enclosure shall be sufficient to eliminate visible emissions of fugitive dust at the point of capture. the fabric filter shall achieve an outlet emission rate of not greater than .030 grains of particulate emissions per dry standard cubic foot of exhaust gases or there shall be no visible emissions from the outlet, whichever is less stringent.
weigh hopper loading of cement, sand, & aggregate	the weigh hopper vent shall be adequately enclosed & vented to the cement silo; the enclosure shall be sufficient to eliminate visible emissions of fugitive dust at the point of capture.

Operation(s), Equipment
and/or Property

loading of transit-mix truck

Allowable Mass Emission
Limitation(s) and/or
Control Requirements

a charging boot shall be used around the hopper discharge area and transit-mix truck opening; the charging boot shall have a collection efficiency sufficient to minimize or eliminate visible emissions of fugitive dust at the point of capture to the extent possible with good engineering design.

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