

1

Facility Name: **Boyas Excavating Inc**

Application Number: **13-3349**

Date: **May 6, 1998**

**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 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

2

Facility Name: **Boyas Excavating Inc**

Application Number: **13-3349**

Date: **May 6, 1998**

(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.

3

Facility Name: **Boyas Excavating Inc**

Application Number: **13-3349**

Date: **May 6, 1998**

PERMIT TO OPERATE APPLICATION

A Permit to Operate application 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.

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 tests conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION

This facility is permitted to operate each source described by this permit to install for period of up to one year from the date the source commenced operation. This 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.

4

Facility Name: **Boyas Excavating Inc**

Application Number: **13-3349**

Date: **May 6, 1998**

5

Facility Name: **Boyas Excavating Inc**

Application Number: **13-3349**

Date: **May 6, 1998**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
-------------------------------	-------------------------------------	--------------------------	---	--

AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Boyas Excavating Inc** located in **Cuyahoga** County. The emissions units 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>
F011 Cont'd	
F009	Portable aggregate screening plant with 3' to 10' long belt conveyor
	Aggregate storage pile
F010	
	Paved and unpaved roadways (plant roadways) - parking areas
F011	

Facility Name: **Boyas Excavating Inc**

Application Number: **13-3349**

Date: **May 6, 1998**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
---	---	------------------------------	---	--

processed)

BAT  
Determination

Partial  
enclosure  
chutes on  
conveyor belts  
- a water  
truck equipped  
with a  
manually  
operated water  
spray 20  
gallon  
sprayed/ton  
processed

Water truck  
equipped with  
a manually  
operated water  
spray (20  
gallon/ton  
processed)

Water truck  
equipped with  
a manually  
operated water  
spray (20  
gallon/ton

Facility Name: **Boyas Excavating Inc**

Application Number: **13-3349**

Date: **May 6, 1998**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
---	---	------------------------------	---	--

Applicable  
Federal &  
OAC Rules

3745-31-05  
3745-17-08

3745-31-05  
3745-17-08  
3745-17-07  
(B)

3745-31-05  
3745-17-12  
(E)  
3745-17-08

Facility Name: **Boyas Excavating Inc**  
 Application Number: **13-3349**  
 Date: **May 6, 1998**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
	Permit Allowable Mass Emissions and/or Control/Usage Requirements	minute in any 60 minute period PM: 2.56 TPY		
				RACM: visible emissions < 10 percent opacity (3 minute average).
				PM: 2.75 TPY
				PM: 1.11 TPY RACM control. There shall be no visible emissions to exceed 1 minute during 60 minute observation period.
				RACM control: No visible emissions except for (unpaved) <3 minutes in any 60 minute period, (paved) <1.0

Facility Name: **Boyas Excavating Inc**

Application Number: **13-3349**

Date: **May 6, 1998**

#### SUMMARY

##### TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
PM/PM <sub>10</sub>	6.42

#### 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 three years unless otherwise indicated by Ohio Environmental Protection Agency. All records shall be made available to the Director, or any representative of the Director, for review during normal business hours.

#### REPORTING REQUIREMENTS

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **Cleveland Division of Air Pollution Control, 1925 St, Clair Avenue, Cleveland, OH 44114.**

#### 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 **Cleveland Division of Air Pollution**

10

Facility Name: **Boyas Excavating Inc**

Application Number: **13-3349**

Date: **May 6, 1998**

**Control, 1925 St, Clair Avenue, Cleveland, OH 44114.**

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.

#### **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.** A sufficient number of nozzles shall be in use at all points of emissions with a water booster pump to deliver sufficient water volume and pressure.
- B.** The distance from the top of the stacker to each pile (i.e., drop height) will be no more than two (2) feet.
- C.** All piles and adjacent to the piles shall be wetted periodically to control fugitive emissions from load out operation, vehicular traffic and wind erosion.
- D.** There shall be no visible particulate emissions from the storage piles and/or paved roads and parking areas associated with the operations of this portable concrete crushing/plant except for a period of not to exceed one (1) minute in any sixty (60) minute period. There shall be no visible emissions from any unpaved roadways at this facility except for a period

11

Facility Name: **Boyas Excavating Inc**

Application Number: **13-3349**

Date: **May 6, 1998**

not to exceed three (3) minutes in any sixty (60) minute period.

- E.** Visible particulate emissions from the screening, conveying, and/or material handling operations at this facility shall not exceed ten (10) percent opacity as a three (3) minute average.