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Facility Name: **American Eagle Recycling**

Application Number: **13-3408**

Date: **July 29, 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

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(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.

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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.

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

The air contaminant emissions units listed below comprise the Permit to Install for **American Eagle Recycling** 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>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
F002	185 tons/hour portable concrete, brick, asphalt, and natural aggregate crushing plant and storage piles	Compliance with the terms and conditions of this permit and all applicable regulations Use of wet suppression methods	3745-31-05 3745-17-07 (B) 3745-17-11 (B) 3745-15-07 3745-17-08 (B) 3745-31-03 (A) (1) (p) 40 CFR Part 60 Subpart 000	3.47 pounds PM/hour and 15.24 tons PM/year 0.653 pound PM ₁₀ /hour and 2.86 tons PM ₁₀ /year opacity not to exceed 10 percent

SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

Pollutant

Particulate Matter

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(PM)	
Particulate Matter	<u>Tons/Year</u>
(PM ₁₀)	
	15.24
	2.86

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 Number</u>	<u>Source Description</u>	<u>NSPS Regulation (Subpart)</u>
F002	Portable concrete, brick, asphalt, and natural aggregate crushing plant	40 CFR Part 60 Subpart 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:

- a. construction date (no later than 30 days after such date);
- b. anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
- c. actual start-up date (within 15 days after such date); and
- d. date of performance testing (If required, at least 30 days prior to testing).

Reports are to be sent to:

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Ohio Environmental Protection Agency
DAPC - Permit Management Unit
P.O. Box 163669
Columbus, OH 43216-3669

and **Cleveland Air Pollution Control**
1925 St. Clair Avenue
Cleveland, OH 44114

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

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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.

NOTICE OF INTENT TO RELOCATE

Pursuant to OAC Rule 3745-31-03(A) (1) (n), the owner or operator of the portable or mobile source identified within this Permit to Install may relocate within the state of Ohio without first obtaining a Permit to Install providing the following criteria are met:

- a. the source is equipped with the Best Available Control Technology for such source;
- b. the source is operating pursuant to a currently effective Permit to Operate;
- c. the applicant has provided proper notice of intent to relocate the source to the Director within a minimum of 30 days prior to the scheduled relocation; and
- d. in the Director's judgement, the proposed site is acceptable under Rule 3745-15-07 of the Administrative Code.

In order for the Director to determine compliance with all of the above criteria, the owner or operator of the portable or mobile source must file a "Notice of Intent to Relocate" at least 30 days prior to relocation of the source with the **Cleveland Air Pollution Control, 1925 St. Clair Avenue, Cleveland, OH 44114**. Upon receipt of the notice, the Director, or the Director's authorized representative, will evaluate the request in accordance with the above criteria.

Failure to submit said notification and to receive Ohio Environmental Protection Agency approval prior to relocation of

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the source may result in fines and civil penalties.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

A. Operational Restrictions

1. The permittee shall apply dust suppressants, as necessary to minimize or eliminate visible emissions at all times, of fugitive dust generated. Water shall be used as the dust suppressant, and the following equipment shall be used for periodic applications: spray nozzle. This term and condition shall be waived during wet conditions when there is sufficient moisture to prevent fugitive emissions.
2. All aggregates transferred to the crusher or placed in storage piles shall contain sufficient moisture so as to minimize visible emissions of fugitive dust. Water/dust suppressants spraying shall be utilized as necessary, at load-in points, all conveyor transfer points, screening points, and at the crusher to minimize or eliminate visible emissions of fugitive dust from these operations.
3. During the conveying of aggregates to the crusher, or the transfer of the screened crushed aggregates to the storage pile by conveyor, front end loader or truck, the drop height of the conveyor, front end loader or truck tailgate shall be minimized in order to minimize or eliminate the visible emissions of fugitive dust. Water/dust suppressants spraying devices shall be utilized, as necessary, at all load-in, load out, transfer points, and on the storage piles to minimize or eliminate visible emissions.
4. The permittee shall not operate this portable emissions unit at 5801 Train Avenue, Cleveland, Ohio. This location is for storage only.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain daily records of the following information:

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- a. the production rate of aggregates processed for each day;
 - b. the application rate of water and chemical additives;
 - c. the name of the equipment operator responsible for the treatment; and,
 - d. the general weather conditions for each day, i.e., with respect to temperature, precipitation, wind speed, and wind direction.
2. These records shall be maintained in the company's files for a period of not less than (3) years and shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

C. Reporting Requirements

1. The permittee shall submit a "Notice of Intent to Relocate a Portable Mobile Source" form thirty days prior to any planned relocation of this emissions unit, in accordance with OAC 3745-31-03(A) (1) (p).

D. Testing Requirements

1. Pursuant to 40 CFR Part 60 Subpart 000, Method 9 and the procedures in Section 60.11 shall be used to determine opacity. In determining compliance with the particulate matter standards in Section 60.672(b) and (c), the owner or operator shall use Method 9 and the procedures in Section 60.11, with the following additions:
 - a. the minimum distance between the observer and the emission source shall be 4.57 meters (15 feet);
 - b. the observer shall, when possible, select a position that minimizes interference from other fugitive emission source (e.g., road dust). The required observer position relative to the sun

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(Method 9, Section 2.1) must be followed; and,

- c. for affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is

present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.

E. Miscellaneous Requirements

- 1. None.