



John R. Kasich, Governor
 Mary Taylor, Lt. Governor
 Craig W. Butler, Director

2/17/2016

Sarah Kreitzer
 American Energy Corporation Century Mine
 46226 National Road
 St. Clairsville, OH 43950

Certified Mail

No	TOXIC REVIEW
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
Yes	NSPS
No	NESHAPS
No	NETTING
No	MODELING SUBMITTED
No	SYNTHETIC MINOR TO AVOID TITLE V
No	FEDERALLY ENFORCABLE PTIO (FEPTIO)
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 0607000229
 Permit Number: P0120072
 Permit Type: OAC Chapter 3745-31 Modification
 County: Belmont

Dear Permit Holder:

Enclosed please find a final Ohio Environmental Protection Agency (EPA) Air Pollution Permit-to-Install and Operate (PTIO) which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully. In this letter you will find the information on the following topics:

- **How to appeal this permit**
- **How to save money, reduce pollution and reduce energy consumption**
- **How to give us feedback on your permitting experience**
- **How to get an electronic copy of your permit**
- **What should you do if you notice a spill or environmental emergency?**

How to appeal this permit

The issuance of this PTIO is a final action of the Director and may be appealed to the Environmental Review Appeals Commission pursuant to Section 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. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Ohio Treasurer Josh Mandel," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
 77 South High Street, 17th Floor
 Columbus, OH 43215

How to save money, reduce pollution and reduce energy consumption

The Ohio EPA is encouraging 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 Compliance Assistance and Pollution Prevention at (614) 644-3469. Additionally, all or a portion of the capital expenditures related to installing air pollution control equipment under this permit may be eligible for financing and State tax exemptions through the Ohio Air Quality Development Authority (OAQDA) under Ohio Revised Code Section 3706. For more information, see the OAQDA website: www.ohioairquality.org/clean_air

How to give us feedback on your permitting experience

Please complete a survey at www.epa.ohio.gov/survey.aspx and give us feedback on your permitting experience. We value your opinion.

How to get an electronic copy of your permit

This permit can be accessed electronically via the eBusiness Center: Air Services in Microsoft Word format or in Adobe PDF on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab.

What should you do if you notice a spill or environmental emergency?

Any spill or environmental emergency which may endanger human health or the environment should be reported to the Emergency Response 24-HOUR EMERGENCY SPILL HOTLINE toll-free at (800) 282-9378. Report non-emergency complaints to the appropriate district office or local air agency.

If you have any questions regarding your permit, please contact Ohio EPA DAPC, Southeast District Office at (740)385-8501 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,



Michael E. Hopkins, P.E.
Assistant Chief, Permitting Section, DAPC

Cc: Ohio EPA-SEDO



FINAL

**Division of Air Pollution Control
Permit-to-Install and Operate
for
American Energy Corporation Century Mine**

Facility ID:	0607000229
Permit Number:	P0120072
Permit Type:	OAC Chapter 3745-31 Modification
Issued:	2/17/2016
Effective:	2/17/2016
Expiration:	2/17/2026



Division of Air Pollution Control
Permit-to-Install and Operate
for
American Energy Corporation Century Mine

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Final Permit-to-Install and Operate
American Energy Corporation Century Mine
Permit Number: P0120072
Facility ID: 0607000229
Effective Date: 2/17/2016

Authorization

Facility ID: 0607000229
Application Number(s): M0001749, M0001777, A0053472
Permit Number: P0120072
Permit Description: This permit-to-install and operate serves to transition the facility from TV to non-TV and as a Chapter 31 modification to F001 for the addition of transfer points, F002 to account for expanded refuse storage area, and F003 to account for the increase in VMT due to the increase in refuse storage area.
Permit Type: OAC Chapter 3745-31 Modification
Permit Fee: \$1,300.00
Issue Date: 2/17/2016
Effective Date: 2/17/2016
Expiration Date: 2/17/2026
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

American Energy Corporation Century Mine
Wayne Township Road 88
Alledonia, OH 43902

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Southeast District Office
2195 Front Street
Logan, OH 43138
(740)385-8501

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section 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 described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency


Craig W. Butler
Director



Authorization (continued)

Permit Number: P0120072

Permit Description: This permit-to-install and operate serves to transition the facility from TV to non-TV and as a Chapter 31 modification to F001 for the addition of transfer points, F002 to account for expanded refuse storage area, and F003 to account for the increase in VMT due to the increase in refuse storage area.

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

Emissions Unit ID:	F001
Company Equipment ID:	Material Handling
Superseded Permit Number:	P0108737
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	F002
Company Equipment ID:	Storage Piles
Superseded Permit Number:	P0108737
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	F003
Company Equipment ID:	Roadways & Parking
Superseded Permit Number:	P0108737
General Permit Category and Type:	Not Applicable



Final Permit-to-Install and Operate
American Energy Corporation Century Mine
Permit Number: P0120072
Facility ID: 0607000229
Effective Date: 2/17/2016

A. Standard Terms and Conditions

1. What does this permit-to-install and operate ("PTIO") allow me to do?

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. Who is responsible for complying with this permit?

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. What records must I keep under this permit?

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. What are my permit fees and when do I pay them?

There are two fees associated with permitted air contaminant sources in Ohio:

PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. When does my PTIO expire, and when do I need to submit my renewal application?

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is

very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions of this permit will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.

10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the [DO/LAA] in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emission unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.



Final Permit-to-Install and Operate
American Energy Corporation Century Mine
Permit Number: P0120072
Facility ID: 0607000229
Effective Date: 2/17/2016

B. Facility-Wide Terms and Conditions



1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
 - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (1) None.
2. Emissions units F001 and F002 contained in this permit are subject to 40 CFR Part 60, Subpart Y. The complete NSPS requirements, including the NSPS General Provisions, may be accessed via the internet from the Electronic Code of Federal Regulation (e-CFR) website <http://ecfr.gpoaccess.gov> or by contacting the appropriate Ohio EPA District office or local air agency.



Final Permit-to-Install and Operate
American Energy Corporation Century Mine
Permit Number: P0120072
Facility ID: 0607000229
Effective Date: 2/17/2016

C. Emissions Unit Terms and Conditions

1. F001, Coal Material Handling

Operations, Property and/or Equipment Description:

Coal material handling operation including loading, unloading, screening, crushing, and transfer of raw and clean coal and refuse (controlled by wet suppression, chemical treatment, best management practices, and/or enclosures) Chapter 31 modification to add transfer points to accommodate increased refuse storage area; Supersedes PTI P0108737, issued final March 14, 2012

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) and ORC rule 3704.03(T)	No visible particulate emissions (PE) except for one minute during any 60-minute period. The requirements of this rule include compliance with OAC rule 3745-17-07(B) and 40 CFR Part 60, Subpart Y.
b.	OAC rule 3745-17-07(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
c.	OAC rule 3745-17-08(B)	Reasonably available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust. See b)(2)a. – b)(2)f. below.
d.	40 CFR Part 60, Subpart Y (40 CFR 60.250 – 60.258) [In accordance with 40 CFR 60.250, this emissions unit includes coal processing and conveying equipment and coal transfer and loading systems that commenced construction, reconstruction or	The owner or operator of any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal constructed, reconstructed or modified on or before April 28, 2008, shall not cause to be discharged into the atmosphere any gases which exhibit 20 percent opacity or greater.



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	<p>modification either:</p> <p>after October 27, 1974 and on or before April 28, 2008,</p> <p>after April 28, 2008, or</p> <p>after May 27, 2009.</p> <p>and processing more than 200 tons of coal per day, subject to the emissions limitations specified in this section.]</p>	<p>The owner or operator of any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal constructed, reconstructed or modified after April 28, 2008, shall not cause to be discharged into the atmosphere any gases which exhibit 10 percent opacity or greater.</p> <p>The owner or operator of an open storage pile that commenced construction reconstruction or modification after May 27, 2009, must prepare and operate in accordance with a submitted fugitive coal dust emissions control plan that is appropriate for the site conditions as specified in paragraphs c)(1) through c)(6) of 40 CFR Part 60.254.</p> <p>See b)(2)g. through b)(2)i. below.</p>
f.	40 CFR 60.1-19 (40 CFR 60.1(a))	The provisions of Subpart A apply to the owner or operator of any stationary source which contains an affected facility that commenced construction or modification after the date of publication in 40 CFR Part 60 that is applicable to that facility.

(2) Additional Terms and Conditions

- a. The material handling operations that are covered by this permit and subject to the above-mentioned requirements are listed below:
 - transfer, belt to belt, raw coal (transfer points A1, A4, B, & Q)
 - load conveyor, front end loader, raw coal (transfer point (A3))
 - unload conveyor, slope conveyor to pile, raw coal (transfer point A2)
 - unload conveyor, ROM stackers, raw coal (transfer points C & O)
 - load conveyor, under pile feed, raw coal (transfer points D & P)
 - transfer, belt to belt, clean coal (transfer point F)

unload conveyor, stackers, clean coal (transfer point G)
load conveyor, under pile mass gate, clean coal (transfer point H)
unload conveyor, coal bin, clean coal (transfer points I, K1, & R1)
load conveyor, coal bin to train load out, clean coal (transfer point J)
loading to train, clean coal (transfer point K2)
unload conveyor, rock bin, refuse (transfer point L)
loading, rock bin to truck, refuse (transfer point M)
unloading, truck dump, refuse (transfer points N1, N2, N3, and N4)
load conveyor, truck loading pit, clean coal (transfer point E1)
loading, trucks, clean coal (transfer points E2 & R2)
screening, raw coal (existing & new screen/crusher building)
crushing, raw coal (existing & new screen/crusher building)

- b. The permittee shall employ reasonably available control measures for the material handling operations listed above, for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to perform the following control measures to ensure compliance: maintain sufficient moisture to prevent fugitive dust, treat the coal with water and/or any other suitable dust suppression chemicals at sufficient treatment frequencies, maintain enclosures, and minimize drop height. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- c. For each material handling operation that is not adequately enclosed, the above-identified control measures shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measures are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measures shall continue during the operation of the material handling operations until further observation confirms that use of the control measures is unnecessary.
- d. The permittee shall not overload trucks hauling refuse so as to eliminate spillage, along with maintaining a minimum dump height from refuse bin into trucks, in order to minimize or eliminate the visible emissions of fugitive dust.
- e. The permittee shall continue to maintain covers on all conveyors and the belts shall not be overloaded in order to minimize or eliminate the visible emissions of fugitive dust.

- f. 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 3745-17-08(B).
- g. In accordance with 40 CFR Part 60 Subpart Y, the following pieces of equipment are coal processing and conveying affected facilities constructed, modified, or reconstructed after October 27, 1974 and on or before April 28, 2008 and are subject to the requirements in 40 CFR 60.254(a):
- transfer, belt to belt, raw coal (transfer points A1, and A4)
 - loading, trucks, clean coal (transfer point E2)
 - unload conveyor, coal bin, clean coal (transfer points I & K1)
 - load conveyor, coal bin to train load out, clean coal (transfer point J)
 - loading to train, clean coal (transfer point K2)
 - loading, rock bin to truck, refuse (transfer point M)
- h. In accordance with 40 CFR Part 60 Subpart Y, the following pieces of equipment are coal processing and conveying affected facilities constructed, modified, or reconstructed after April 28, 2008 and are subject to the requirements in 40 CFR 60.254(b)(1):
- transfer, belt to belt, raw coal (transfer point B)
 - transfer, belt to belt, raw coal (transfer point Q)
 - transfer, belt to belt, clean coal (transfer point F)
 - unload conveyor, rock bin, refuse (transfer point L)
 - unload conveyor, coal bin, clean coal (transfer point R1)
 - loading, trucks, clean coal (transfer point R2)
 - screening, raw coal (existing and new screen/crusher building)
 - crushing, raw coal (existing and new screen/crusher building)
- i. In accordance with 40 CFR Part 60 Subpart Y, the following pieces of equipment are open storage pile affected facilities constructed, modified, or reconstructed after May 27, 2009 and are subject to the requirements in 40 CFR 60.254(c):
- load conveyor, front end loader, raw coal (transfer point A3)
 - transfer, mule conveyor to pile, raw coal (transfer point A2)
 - load conveyor, truck loading pit, clean coal (transfer point E1)

- load conveyor, under pile mass gate, clean coal (transfer point H)
- unloading, truck dump, refuse (transfer points N2, N3, and N4)
- unload conveyor, stackers, clean coal (transfer point G)
- unload conveyor, ROM stackers, raw coal (transfer points C & O)
- load conveyor, under pile feed, raw coal (transfer points D & P)

c) Operational Restrictions

- (1) The permittee shall comply with the applicable operational requirements under 40 CFR Part 60, Subpart Y, including the following sections:

60.254(c)	For sources installed or modified after May 27, 2009, prepare and operate according to a fugitive coal dust emissions plan as specified in 60.254(c)(1)-(6).
60.254(c)(1)	Identify and describe the control measures used to minimize fugitive coal dust emissions from each open storage pile in the fugitive coal dust emissions plan.
60.254(c)(2)	<p>Require one or more of the following control measures to minimize to the greatest extent practicable fugitive coal dust in the fugitive coal dust emissions plan:</p> <p>Partial enclosure, install and operate a water spray or fogging system, applying appropriate chemical dust suppression agents on the source (must meet (c)(6)), use of a wind barrier, use of compaction, use of a vegetative cover.</p> <p>In the fugitive coal dust emissions plan, select the control measure(s) that are most appropriate for the site conditions. Explain how the measure(s) selected are applicable/appropriate for site conditions, revise as needed to reflect any changing conditions at the source.</p>
60.254(c)(3)	May petition the Administrator to approve for inclusion in the plan for the affected facility, alternative control measures other than those specified in (c)(3)(i) through (iv).
60.254(c)(6)	Where appropriate chemical dust suppression agents are selected by the owner or operator as a control measure to minimize fugitive coal dust emissions, (1) only chemical dust suppressants with Occupational Safety and Health Administration (OSHA)-compliant material safety data sheets (MSDS) are to be allowed; (2) the MSDS must be included in the fugitive coal dust emissions control plan; and (3) the owner or operator must consider and document in the fugitive coal dust emissions control plan the site-specific impacts associated with the use of such chemical dust suppressants.

d) Monitoring and/or Recordkeeping Requirements

- (1) Except as otherwise provided in this section, for material handling operations that are not adequately enclosed, the permittee shall perform inspections of such operations in accordance with the following minimum frequencies:

<u>Material handling operation(s):</u>	<u>Minimum inspection frequency:</u>
All	Daily

The above-mentioned inspections shall be performed during representative, normal operating conditions.

- (2) 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 d)(2)d. shall be kept separately for each material handling operation identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

- (3) The permittee shall comply with the applicable monitoring and recordkeeping requirements under 40 CFR Part 60, Subpart Y, including the following sections:

60.255(h)	The owner/operator of each affected coal truck dump operation that commenced construction, reconstruction, or modification after April 28, 2008, must conduct monthly visual observations of all process and control equipment. If any deficiencies are observed, the necessary maintenance must be performed as expeditiously as possible.
60.258(a)(1)-(6)	The owner/operator of a coal preparation and processing plant that commenced construction, reconstruction, or modification after April 28, 2008, shall maintain a logbook (written or electronic) on-site and make it available upon request. The logbook shall record the following: (1) The manufacturer's recommended maintenance procedures and the date and time of any maintenance and inspection activities and the results of those activities. Any variance from manufacturer recommendation, if any, shall be noted. (2) The date and time of periodic coal preparation and processing

	<p>plant visual observations, noting those sources with visible emissions along with corrective actions taken to reduce visible emissions. Results from the actions shall be noted.</p> <p>(3) The amount and type of coal processed each calendar month.</p> <p>(4) The amount of chemical stabilizer or water purchased for use in the coal preparation and processing plant.</p> <p>(5) Monthly certification that the dust suppressant systems were operational when any coal was processed and that manufacturer's recommendations were followed for all control systems. Any variance from the manufacturer's recommendations, if any, shall be noted.</p> <p>(6) Monthly certification that the fugitive coal dust emissions control plan was implemented as described. Any variance from the plan, if any, shall be noted. A copy of the applicable fugitive coal dust emissions control plan and any letters from the Administrator providing approval of any alternative control measures shall be maintained with the logbook. Any actions, e.g., objections, to the plan and any actions relative to the alternative control measures, e.g., approvals, shall be noted in the logbook as well.</p>
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e) Reporting Requirements

- (1) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.
- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.
- (3) The permittee shall comply with the applicable reporting requirements under 40 CFR Part 60, Subparts A and Y, including the following sections:

60.254(c)(4)	<p>Submit the fugitive coal dust emissions control plan to the Administrator or delegated authority as specified in paragraphs (c)(4)(i) and (c)(4)(ii):</p> <p>(i) The plan must be submitted to the Administrator or delegated authority prior to startup of the new, reconstructed, or modified affected facility, or 30 days after the effective date of this rule, whichever is later.</p> <p>(ii) The plan must be revised as needed to reflect any changing</p>
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	<p>conditions at the source. Such revisions must be dated and submitted to the Administrator or delegated authority before a source can operate pursuant to these revisions. The Administrator or delegated authority may also object to such revisions as specified in paragraph (c)(5) of this section.</p>
60.254(c)(5)	<p>The Administrator or delegated authority may object to the fugitive coal dust emissions control plan as specified in paragraphs (c)(5)(i) and c)(5)(ii):</p> <p>(i) The Administrator or delegated authority may object to the fugitive coal dust emissions control plan that it has determined does not meet the requirements of (c)(1) and (c)(2) of this section.</p> <p>(ii) If an objection is raised, within 30 days from receipt of the objection, submit a revised plan to the Administrator or delegated authority. The owner or operator must operate in accordance with the revised plan. The Administrator or delegated authority retain the right under paragraph (c)(5) to object to the revised plan if it determines the plan does not meet the requirements of paragraphs (c)(1) and (c)(2) of this section.</p>
60.258(b)(3)	<p>For the purpose of reports required under section 60.7(c), any owner or operator subject to the provisions of this subpart shall report semiannually all 6-minute average opacities that exceed the applicable standard.</p>
60.258(d)	<p>After July 1, 2011, within 60 days after the date of completing each performance evaluation conducted to demonstrate compliance with this subpart, the owner or operator of the affected facility must submit the test data to EPA by successfully entering the data electronically into EPA's WebFIRE data base available at http://cfpub.epa.gov/oarweb/index.cfm?action=fire.main. For performance tests that cannot be entered into WebFIRE (i.e., Method 9 of appendix A-4 of this part opacity performance tests) the owner or operator of the affected facility must mail a summary copy to United States Environmental Protection Agency; Energy Strategies Group; 109 TW Alexander DR; mail code: D243-01; RTP, NC 27711.</p>
60.7(a)	<p>Any owner or operator subject to the provisions of this part shall furnish the Administrator written notification or, if acceptable to both the Administrator and the owner or operator of a source, electronic notification, as follows:</p> <p>(1) Notification of the date construction or reconstruction of an affected facility is commenced postmarked no later than 30 days after such date.</p> <p>(3) A notification of the actual date of initial startup postmarked within</p>

	<p>15 days after such date.</p> <p>(6) A notification of the anticipated date for conducting the opacity observations required by section 60.11(e)(1) of this part. The notification shall also include, if appropriate, a request for the Administrator to provide a visible emissions reader during a performance test. The notification shall be postmarked not less than 30 days prior to such date.</p>
60.258(c)	<p>The owner or operator of an affected facility shall submit the results of initial performance tests to the Administrator or delegated authority, consistent with the provisions of section 60.8. The owner or operator who elects to comply with the reduced performance testing provisions of section 60.255(c) or (d) shall include in the performance test report identification of each affected facility that will be subject to the reduced testing. The owner or operator electing to comply with section 60.255(d) shall also include information which demonstrates that the control devices are identical.</p>

f) Testing Requirements

(1) Compliance with the Emissions Limitation and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitation:

No visible PE except for one minute during any 60-minute period.

Applicable Compliance Method:

If required, visible particulate emissions shall be determined according to USEPA Method 22.

Emission testing was performed on June 22, 2012 and January 10, 2014, demonstrating compliance with this emissions limitation.

b. Emissions Limitations:

The owner or operator of any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal constructed, reconstructed or modified on or before April 28, 2008, shall not cause to be discharged into the atmosphere any gases which exhibit 20 percent opacity or greater.

The owner or operator of any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal constructed, reconstructed or modified after April 28, 2008, shall not cause to be discharged into the atmosphere any gases which exhibit 10 percent opacity or greater.

Applicable Compliance Method:

Visible particulate emissions shall be determined according to USEPA Method 9. See f)(2) below.

c. Emissions Limitations:

The owner or operator of an open storage pile that commenced construction reconstruction or modification after May 27, 2009, must prepare and operate in accordance with a submitted fugitive coal dust emissions control plan that is appropriate for the site conditions as specified in paragraphs c)(1) through c)(6) of 40 CFR Part 60.254.

Applicable Compliance Method:

Compliance with the fugitive coal dust emissions control plan may be demonstrated by compliance with the requirements found in c)(1), d)(3), and e)(3) above.

(2) Pursuant to the requirements of 40 CFR Part 60, Subpart Y, the permittee shall conduct, or have conducted, emission testing for the equipment listed in b)(2)h. above in accordance with the following requirements:

a. The emissions testing shall be conducted, or have been conducted, to demonstrate compliance with the following allowable visible PE limitations for fugitive emissions and in accordance with the requirements of 40 CFR Part 60.255(a):

i. The owner or operator of any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal constructed, reconstructed or modified after April 28, 2008, shall not cause to be discharged into the atmosphere any gases which exhibit 10 percent opacity or greater.

b. For each affected facility that commenced construction, reconstruction, or modification after April 28, 2008, subject to an opacity standard, an initial performance test must be performed (See g)(2) below). Thereafter, a new performance test must be conducted according to the following requirements, as applicable, except as provided for in paragraphs (e) and (f) of 60.255:

i. 60.255(b)(2)(i): If any 6-minute average opacity reading in the most recent performance test exceeds half the applicable opacity limit, a new performance test must be conducted within 90 operating days of the date that the previous performance test was required to be completed.

ii. 60.255(b)(2)(iii): If all 6-minute average opacity readings in the most recent performance test are equal to or less than half the applicable opacity limit, a new performance test must be conducted within 12 calendar months of the date that the previous performance test was required to be completed.

- c. As an alternative to meeting the requirements of 60.255(b)(2), an owner/operator of an affected facility that commenced construction, reconstruction or modification after April 28, 2008 may elect to comply with the following requirements:
 - i. 60.255(f)(1): Monitor visible emissions from each affected facility according to the requirements in 60.255(f)(1)(i)-(iii).
 - ii. 60.255(f)(2): Prepare a written site-specific monitoring plan for a digital opacity compliance system for approval by the Administrator or delegated authority meeting the requirements found in 60.255(f)(2).
- d. Performance test and other compliance requirements for coal truck dump operations that commenced construction, reconstruction, or modification after April 28, 2008, are specified as follows:
 - i. 60.255(h)(1): Conduct initial performance test using Method 9 of appendix A-4 of this part according to the requirements in paragraphs (h)(1)(i)-(ii) (See g)(2) below); and
 - ii. 60.255(h)(3): Conduct a performance test using Method 9 of appendix A-4 of this part at least once every 5 calendar years for each affected facility.
- e. The test(s) shall be conducted under those representative conditions that challenge to the fullest extent possible a facility's ability to meet the applicable emissions limits and/or control requirements, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency. Although this generally consists of operating the emissions unit at its maximum material input/production rates and results in the highest emission rate of the tested pollutant, there may be circumstances where a lower emissions loading is deemed the most challenging control scenario. Failure to test under these conditions is justification for not accepting the test results as a demonstration of compliance.
- f. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).
- g. Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.



h. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

g) **Miscellaneous Requirements**

- (1) Initial performance testing was completed and demonstrated compliance for the equipment listed in b)(2)g. above on August 30, 2006.
- (2) Performance testing was completed and demonstrated compliance for the equipment listed in b)(2)h. above on June 22, 2012 and January 10, 2014.

2. F002, Storage Piles

Operations, Property and/or Equipment Description:

Storage piles including raw coal (average 9.6 acres), clean coal (average 8.7 acres), and refuse embankment (250 acres) controlled by maintaining sufficient moisture and/or use of dust suppressants. Chapter 31 modification to increase refuse storage area; Supersedes PTI P0108737, issued final March 14, 2012

- a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) and ORC rule 3704.03(T)	No visible particulate emissions (PE) except for one minute during any 60-minute period. The requirements of this rule include compliance with OAC rule 3745-17-07(B).
b.	OAC rule 3745-17-07(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
c.	OAC rule 3745-17-08(B)	Reasonably available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust. See b)(2)a. through b)(2)d. below.
d.	40 CFR Part 60, Subpart Y (40. CFR 60.250-60.258) [In accordance with 40 CFR 60.250(d), this emissions unit includes open storage piles at an affected facility and commenced construction, reconstruction or modification after May 27, 2009.]	The owner or operator of an open storage pile that commenced construction reconstruction or modification after May 27, 2009, must prepare and operate in accordance with a submitted fugitive coal dust emissions control plan that is appropriate for the site conditions as specified in paragraphs c)(1) through c)(6) of 40 CFR Part 60.254. See b)(2)e. below.

- (2) Additional Terms and Conditions
- a. The storage pile and embankment operations that are covered by this permit and subject to the above-mentioned requirements are listed below:
 - i. Raw coal storage pile maintenance and wind erosion
 - ii. Clean coal storage pile maintenance and wind erosion
 - iii. New coal refuse embankment wind erosion
 - iv. Existing coal refuse embankment wind erosion
 - b. The permittee shall employ reasonably available control measures while maintaining the raw and clean storage piles and coal refuse embankments listed above and to prevent wind erosion from those piles, for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to maintain sufficient moisture to prevent fugitive dust or to treat the coal with water and/or any other suitable dust suppression chemicals at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
 - c. For each storage pile or embankment operation, the above-identified control measures shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measures are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measures shall continue during the operation of the material handling operations until further observation confirms that use of the control measures is unnecessary. Implementation of the control measure(s) shall not be necessary for a storage pile that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.
 - d. 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 3745-17-08(B).
 - e. In accordance with 40 CFR Part 60 Subpart Y, the following pieces of equipment are open storage pile affected facilities constructed, modified, or reconstructed after May 27, 2009 and are subject to the requirements in 40 CFR 60.254(c):
 - i. Raw coal storage pile
 - ii. Clean coal storage pile
 - iii. New coal refuse embankment (i.e. -8 pile, -11 pile, and Area E)

c) Operational Restrictions

- (1) The permittee shall comply with the applicable operational requirements under 40 CFR Part 60, Subpart Y, including the following sections:

60.254(c)	For sources installed or modified after May 27, 2009, prepare and operate according to a fugitive coal dust emissions plan as specified in 60.254(c)(1)-(6).
60.254(c)(1)	Identify and describe the control measures used to minimize fugitive coal dust emissions from each open storage pile in the fugitive coal dust emissions plan.
60.254(c)(2)	<p>Require one or more of the following control measures to minimize to the greatest extent practicable fugitive coal dust in the fugitive coal dust emissions plan:</p> <p>Partial enclosure, install and operate a water spray or fogging system, applying appropriate chemical dust suppression agents on the source (must meet (c)(6)), use of a wind barrier, use of compaction, use of a vegetative cover.</p> <p>In the fugitive coal dust emissions plan, select the control measure(s) that are most appropriate for the site conditions. Explain how the measure(s) selected are applicable/appropriate for site conditions, revise as needed to reflect any changing conditions at the source.</p>
60.254(c)(3)	May petition the Administrator to approve for inclusion in the plan for the affected facility, alternative control measures other than those specified in (c)(3)(i) through(iv).
60.254(c)(6)	Where appropriate chemical dust suppression agents are selected by the owner or operator as a control measure to minimize fugitive coal dust emissions, (1) only chemical dust suppressants with Occupational Safety and Health Administration (OSHA)-compliant material safety data sheets (MSDS) are to be allowed; (2) the MSDS must be included in the fugitive coal dust emissions control plan; and (3) the owner or operator must consider and document in the fugitive coal dust emissions control plan the site-specific impacts associated with the use of such chemical dust suppressants.

d) Monitoring and/or Recordkeeping Requirements

- (1) For storage pile or embankment operations that are not adequately enclosed, the permittee shall perform inspections of such operations in accordance with the following minimum frequencies:

	<p>following:</p> <p>(1) The manufacturer's recommended maintenance procedures and the date and time of any maintenance and inspection activities and the results of those activities. Any variance from manufacturer recommendation, if any, shall be noted.</p> <p>(2) The date and time of periodic coal preparation and processing plant visual observations, noting those sources with visible emissions along with corrective actions taken to reduce visible emissions. Results from the actions shall be noted.</p> <p>(3) The amount and type of coal processed each calendar month.</p> <p>(4) The amount of chemical stabilizer or water purchased for use in the coal preparation and processing plant.</p> <p>(5) Monthly certification that the dust suppressant systems were operational when any coal was processed and that manufacturer's recommendations were followed for all control systems. Any variance from the manufacturer's recommendations, if any, shall be noted.</p> <p>(6) Monthly certification that the fugitive coal dust emissions control plan was implemented as described. Any variance from the plan, if any, shall be noted. A copy of the applicable fugitive coal dust emissions control plan and any letters from the Administrator providing approval of any alternative control measures shall be maintained with the logbook. Any actions, e.g., objections, to the plan and any actions relative to the alternative control measures, e.g., approvals, shall be noted in the logbook as well.</p>
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e) Reporting Requirements

- (1) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.
- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.
- (3) The permittee shall comply with the applicable reporting requirements under 40 CFR Part 60, Subparts A and Y, including the following sections:

60.254(c)(4)	<p>Submit the fugitive coal dust emissions control plan to the Administrator or delegated authority as specified in paragraphs (c)(4)(i) and (c)(4)(ii):</p> <p>(i) The plan must be submitted to the Administrator or delegated authority prior to startup of the new, reconstructed, or modified affected facility, or 30 days after the effective date of this rule, whichever is later.</p> <p>(ii) The plan must be revised as needed to reflect any changing conditions at the source. Such revisions must be dated and submitted to the Administrator or delegated authority before a source can operate pursuant to these revisions. The Administrator or delegated authority may also object to such revisions as specified in paragraph (c)(5) of this section.</p>
60.254(c)(5)	<p>The Administrator or delegated authority may object to the fugitive coal dust emissions control plan as specified in paragraphs (c)(5)(i) and c)(5)(ii):</p> <p>(i) The Administrator or delegated authority may object to the fugitive coal dust emissions control plan that it has determined does not meet the requirements of (c)(1) and (c)(2) of this section.</p> <p>(ii) If an objection is raised, within 30 days from receipt of the objection, submit a revised plan to the Administrator or delegated authority. The owner or operator must operate in accordance with the revised plan. The Administrator or delegated authority retain the right under paragraph (c)(5) to object to the revised plan if it determines the plan does not meet the requirements of paragraphs (c)(1) and (c)(2) of this section.</p>
60.7(a)	<p>Any owner or operator subject to the provisions of this part shall furnish the Administrator written notification or, if acceptable to both the Administrator and the owner or operator of a source, electronic notification, as follows:</p> <p>(1) Notification of the date construction or reconstruction of an affected facility is commenced postmarked no later than 30 days after such date.</p> <p>(2) [Reserved]</p> <p>(3) A notification of the actual date of initial startup postmarked within 15 days after such date.</p> <p>(4) A notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in section 60.14(e). This</p>

	<p>notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional relevant information subsequent to this notice.</p> <p>(5) Not applicable.</p> <p>(6) A notification of the anticipated date for conducting the opacity observations required by section 60.11(e)(1) of this part. The notification shall also include, if appropriate, a request for the Administrator to provide a visible emissions reader during a performance test. The notification shall be postmarked not less than 30 days prior to such date.</p>
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f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitation:

No visible PE except for one minute during any 60-minute period.

Applicable Compliance Method:

If required, visible emissions of fugitive dust shall be determined according to USEPA Method 22.

g) Miscellaneous Requirements

(1) None.

3. F003, Roadways & Parking

Operations, Property and/or Equipment Description:

Unpaved (maximum of 115,293 VMT total) and paved (maximum of 92,355 VMT total) roadways and parking areas. Chapter 31 modification to increase VMT to accommodate increased refuse storage area; Supersedes PTI P0108737, issued final March 14, 2012

- a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) and ORC 3704.03(T)	No visible particulate emissions (PE) except for one minute during any 60-minute period from any paved roadways or parking area. No visible PE except for three minutes during any 60-minute period from any unpaved roadways or parking area. The requirements of this rule include compliance with OAC rule 3745-17-07(B).
b.	OAC rule 3745-17-07(B)(4) <i>Paved roadways and parking areas</i>	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
c.	OAC rule 3745-17-07(B)(5) <i>Unpaved roadways and parking areas</i>	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
d.	OAC rule 3745-17-08(B)	Reasonably available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust. See b)(2)a. through b)(2)h. below.

(2) Additional Terms and Conditions

- a. The following paved and unpaved parking roadways and parking areas are covered by this permit and subject to the requirements of OAC rule 3745-31-05(A)(3), and OAC rule 3745-17-08(B):

All unpaved and paved roadways and parking areas

- b. The permittee shall employ reasonably available control measures on all unpaved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the unpaved roadways and parking areas with water and/or any other suitable dust suppressants at sufficient treatment frequencies and to enforce a maximum speed limit of 15 mph to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- c. The permittee shall employ reasonably available control measures on all paved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to use a wheel washer, to vacuum sweep, to flush the paved roadways and parking areas with water and/or any other suitable dust suppressants at sufficient treatment frequencies, and to enforce a maximum speed limit of 15 mph to ensure compliance to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- d. The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for an unpaved or paved roadway or parking areas that are covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
- e. Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled with the control measure(s) specified above for paved surfaces. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to the visible emission limitation for paved roadways and parking areas of no visible PE except for a period of time not to exceed one minute during any sixty-minute observation period.

- f. The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.
 - g. Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.
 - h. Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-17-08.
- c) Operational Restrictions
- (1) None.
- d) Monitoring and/or Recordkeeping Requirements
- (1) Except as otherwise provided in this section, the permittee shall perform inspections of each unpaved roadway segment and each parking area in accordance with the following frequencies:

<u>Roadway and/or parking area:</u>	<u>Minimum inspection frequency:</u>
All unpaved and paved roadways and parking areas	Daily
 - (2) The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.
 - (3) The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
 - c. the dates the control measures were implemented; and
 - d. on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in d)(3)d. shall be kept separately for (i) the unpaved roadways, (ii) the paved roadways, and (iii) the unpaved parking areas, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

e) Reporting Requirements

- (1) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.
- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitations:

No visible PE except for one minute during any 60-minute period from any paved roadway or parking area.

No visible PE except for three minutes during any 60-minute period from any unpaved roadway or parking area.

Applicable Compliance Method:

If required, visible emissions of fugitive dust shall be determined according to USEPA Method 22, with the modifications found in OAC rule 3745-17-03(B)(4).

g) Miscellaneous Requirements

- (1) None.