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Facility Name: **Miller Bros Paving Asphalt Plant No 5**

Application Number: **04-1159**

Date: **Draft PTI (Date will be entered upon final issuance)**

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 SOURCES

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 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 (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

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an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet applicable standards.

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 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.

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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.

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 filed no later than thirty days after commencement of operation.

SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION

This facility is permitted to operate each source described by this permit to install for a 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 and regulations.

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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 **Miller Bros Paving Asphalt Plant No 5** located in **Lucas** 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.

Ohio
EPA
Source
Number

P902

P902
Cont'd

F002

F002
Cont'd

F001

F001
Cont'd

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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>
		Roadways and parking areas		
	Source Identification Description			<u>BAT Determination</u>
450 TPH Drum Mix Asphalt Plant			Wind erosion from storage piles	0.04 gr/dscf of PM from exhaust gas and no greater than 20 percent opacity from baghouse limiting fuel burned to No. 2 fuel oil (with sulfur content less than 0.5 percent), natural gas or propane
		Load-in and load-out of storage piles		

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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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Adequate
moisture
levels, no
visible
emissions
except:
paved - 1
minute per
hour, unpaved
- 3 minute per
hour, covered
vehicles,
clean up

Sufficient
moisture to
minimize dust,
minimize drop
heights

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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>
	Applicable Federal & OAC Rules			*3745-17-07 (B) (6)
	3745-31-05			*3745-17-08 (B), (B) (6)
		*NSPS (40 CFR Part 60, Subpart I)		3745-31-05
		*3745-23-08 (B)	*3745-17-07 (B)	
		*3745-21-08 (B)	*3745-17-08 (B)	
		*3745-21-07 (B)	3745-31-05	
		*3745-18-06 (E)		
		*3745-17-11 (A) (2)		
		*3745-17-08 (B), (B) (3), (B) (6)		
		*3745-17-07 (A)		*3745-17-07 (B) (6)
		3745-31-05		*3745-17-08 (B), (B) (6)

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* This emissions limit is equal to or less stringent than the limit established through OAC Rule 3745-31-05.

SUMMARY
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
PM	42.39
PM ₁₀	14.16
VOC	13.18
SO ₂	11.2
NO _x	15
CO	11.2

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>
P902	450 TPH asphalt plant	I

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);

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- 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:

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

and **Toledo Environmental Services Division**
348 South Erie Street
Toledo, OH 43602

PERFORMANCE TEST REQUIREMENTS

The permittee shall conduct, or have conducted, performance testing on the air contaminant source(s) in accordance with procedures approved by the Agency. Two copies of the written report describing the test procedures followed and the results of such tests shall be submitted and signed by the person responsible for the test. The Director, or an Ohio EPA representative, shall be allowed to witness the test, examine testing equipment, and require the acquisition or submission of data and information necessary to assure that the source operation and testing procedures provide a valid characterization of the emissions from the source and/or the performance of the control equipment.

- A. A completed Intent to Test form shall be submitted to the appropriate Ohio EPA District Office or Local Air Pollution Control Agency where the original permit application was filed. This notice shall be made 30 days in advance and shall specify the source operating parameters, the proposed test procedures, and the time, date, place and person(s) conducting such tests.
- B. Two copies of the test results shall be submitted within 30 days after the completion of the performance test.
- C. Tests shall be performed for the following source(s) and pollutant(s):

Source

P902

Pollutant(s)

PM, VOC, SO₂

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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 **Toledo Environmental Services Division, 348 South Erie Street, Toledo, OH 43602.**

WASTE DISPOSAL

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

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 **Toledo Environmental Services Division, 348 South Erie Street, Toledo, OH 43602.**

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.

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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.

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.

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.

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ADDITIONAL SPECIAL TERMS AND CONDITIONS

I. P902 450 TPH Asphalt Pant

A. Operational Restrictions

1. Production Limit

The maximum annual production rate for this emissions unit shall not exceed 400,000 tons per year, based upon a rolling, 12-month summation of the production rates.

To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the production levels specified in the following table:

<u>Month</u>	<u>Maximum Allowable Cumulative Production, tons/yr</u>
1	60,000
1-2	120,000
1-3	180,000
1-4	240,000
1-5	300,000
1-6	360,000
1-7	400,000
1-8	400,000
1-9	400,000
1-10	400,000
1-11	400,000
1-12	400,000

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual production rate limitation shall be based upon a rolling, 12 month summation of the production rates.

2. Fuel Usage

The source comprising this permit to install shall combust only natural gas, propane, or No. 2 fuel oil with less than 0.5 percent sulfur content by weight.

3. RAP Limitation

The permittee may substitute recycled asphalt pavement (aggregates) in the raw material feed mix in amounts not to exceed 50 percent by weight

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of all aggregate materials introduced at any given time.

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4. Transfer of Aggregate

- a. All aggregate transferred to the elevated storage bins shall contain sufficient moisture so as to minimize or eliminate visible emissions of fugitive dust.
- b. During the loading of the aggregate conveyor or storage bins, the drop height of the front-end loader shall be minimized in order to minimize or eliminate the visible emissions of fugitive dust. The cold aggregate elevator shall be covered at all times.
- c. Visible particulate emissions from material transfer shall not exceed 20 percent opacity as a three-minute average.

5. Baghouse Pressure Drop

To ensure the baghouse is operated according to the manufacturer's specifications and to maintain compliance with the allowable particulate emission rate, a pressure drop across the baghouse of 2-6 inches of water column shall be maintained at all times.

B. Monitoring and/or Recordkeeping Requirements

1. Baghouse Pressure Drop

- a. The permittee shall properly operate and maintain a monitoring device capable of accurately measuring the pressure drop across the fabric filter.
- b. The permittee shall check the pressure drop once a day and maintain daily records of the pressure drop readings.

2. Fuel Usage

This facility shall maintain records of :

- a. the oil supplier's analysis for each shipment of oil which is received for burning in this source. The oil supplier's analyses shall document the sulfur content (weight percent) of each shipment of oil; and,
- b. the use of any fuels not allowed by this permit.

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These records shall be kept in a central location for a minimum of five (5) years and shall be made available upon request to a representative of the Ohio EPA.

3. Production Limitation

The permittee shall maintain monthly records of the following information:

- a. the production rate for each month; and,
- b. beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of the production rates.

Also, during the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative production rate for each calendar month.

4. RAP Limitation

The permittee shall maintain daily records of the following information:

- a. the amount of RAP mixed with the raw material feed mix in tons; and,
- b. the total amount of raw material feed mix in tons.

C. Reporting Requirements

1. Baghouse

The permittee shall submit deviation (excursion) reports which identify all exceedances of the 2-6" allowable pressure drop range.

2. Annual production rate limitations

The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month production rate limitation and, for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative production levels.

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3. Fuel Usage

The permittee shall report any violations in the percent sulfur limitation and the use of other fuels not specified in this permit within 30 days to the Toledo Division of Environmental Services.

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4. RAP Limitation

The permittee shall report any exceedences of the percent RAP limitation within 30 days to the Toledo Division of Environmental Services.

5. Reporting Deviations

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

D. Testing Requirements/Compliance Methods

1. Stack testing requirements

Performance testing shall be conducted within 60 days after achieving the maximum production rate at which the unit will be operated, but not later than 180 days after the initial startup of the unit in accordance with 40 CFR 60.8.

Emission tests for particulate shall be conducted in accordance with the tests methods and procedures specified in Method 5 of 40 CFR Part 60, Appendix A. Method 9 and the procedures in 40 CFR 60.11 shall be used to determine opacity compliance. EPA Method 6 or 6C CFR Part 60, Appendix A, shall be used for sulfur dioxide emissions testing. EPA Method 25 or 25A, as appropriate, shall be used to determine the VOC emissions. The test(s) shall be conducted while the emissions unit is operating at its maximum rated capacity, unless otherwise specified or

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approved by the Toledo Environmental Services Division. Any variation from the above testing methods must be pre approved by the Toledo Environmental Services Division not later than 30 days prior to the proposed test date(s). Further emission testing shall be required consistent with OEPA Engineering Guide #16.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Toledo Environmental Services Division. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the source operating parameters, the time(s) and date(s) of the test, and the person(s) who will be conducting the test. Failure to submit such notification for review and approval prior to the test may result in the field office's refusal to accept the results of the emission test.

Personnel from the Toledo Environmental Services Division shall be permitted to witness the test, examine the testing equipment and acquire data and information regarding the emissions unit operating parameters.

A comprehensive written report on the results of the emission test shall be submitted within 30 days following completion of the test.

2. Compliance with the emission limitation(s) in this permit shall be determined in accordance with the following method(s):
 - a. Emission Limitation

Less than or equal to 20 percent opacity, as a 6-minute average from the stack

Applicable Compliance Method

OAC 3745-17-03(B)(1)
 - b. Emission Limitation

0.04 grain per dry standard cubic foot of exhaust gases.

Applicable Compliance Method

Stack test in accordance with OAC 3745-17-03(B)(10).

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c. Emission Limitation

30.98 tons per year PM

Applicable Compliance Method

The permittee shall use the emission factor in pounds of PM per ton processed obtained from the most recent stack test times the annual tons processed.

d. Emission Limitation

25.2 pounds per hour of SO₂.

Applicable Compliance Method

Stack test in accordance with the methods and procedures of OAC 3745-18-04 using EPA Test Method 6 or 6C.

e. Emission Limitation

11.2 tons per year of SO₂.

Applicable Compliance Method

The permittee shall use the emission factor in pounds of SO₂ per ton processed obtained from the most recent stack test times the annual tons processed.

f. Emission Limitation

33.8 pounds per hour of NO_x.

Applicable Compliance Method

Multiply 0.075 pound of NO_x per ton (AP-42 Table 11.1-8 dated 1/95) processed by the actual operating rate in tons per hour. If required stack test in accordance with USEPA Method 7 of 40 CFR 60 Appendix A.

g. Emission Limitation

15 tons per year of NO_x.

Applicable Compliance Method

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Multiply 0.075 pound of NO_x per ton (AP-42 Table 11.1-8 dated 1/95) processed by the number of tons processed for that calendar year or if a stack test was required the permittee shall use the emission factor in pounds of NO_x per ton processed obtained from the most recent stack test times the annual tons processed.

h. Emission Limitation

31.1 pounds per hour of VOC.

Applicable Compliance Method

Stack test in accordance with OAC 3745-21-10(C)

i. Emission Limitation

13.8 tons per year of VOC.

Applicable Compliance Method

The permittee shall use the emission factor in pounds of VOC per ton processed obtained from the most recent stack test times the annual tons processed.

j. Emission Limitation

25.2 pounds per hour of CO.

Applicable Compliance Method

Multiply 0.056 pound of CO per ton (AP-42 Table 11.1-8 dated 1/95) processed by the actual operating rate in tons per hour or if required stack test in accordance with USEPA Method 10 of 40 CFR 60 Appendix A.

k. Emission Limitation

11.2 tons per year of CO.

Applicable Compliance Method

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Multiply 0.056 pound of CO per ton (AP-42 Table 11.1-8 dated 1/95) processed by the number of tons processed for that calendar year or if a stack test was required the permittee shall use the emission factor in pounds of CO per ton processed obtained from the most recent stack test times the annual tons processed.

I. Emission Limitation

No visible emissions of fugitive dust from the enclosures for the hot aggregate elevator, vibrating screens, and weigh hopper.

Applicable Compliance Method

OAC 3745-17-03(B)(7)

E. **MISCELLANEOUS REQUIREMENTS**

None.

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II. F001 Roadways & Parking Areas

A. Additional Terms and Conditions

1. The unpaved roadways and parking areas that are covered by this permit and subject to the above mentioned requirements are listed below:

unpaved roadways

All

unpaved parking areas

All

2. The permittee shall employ best 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 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.
3. 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 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. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
4. 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 using appropriate dust control measures 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

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unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to the visible emission limitation of no visible emissions except for one minute during any 60 minute period.

5. 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.
6. 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.
7. Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05.
8. The permittee shall certify or possess certification that all dust suppressants used to control fugitive dust meet the PCB limitations set forth in 40 CFR 761, and that there are no listed hazardous wastes or characteristic hazardous wastes as set forth in 40 CFR 261.
9. The permittee shall not apply used oil as defined by OAC rule 3745-279-01(A)(12) as a dust suppressant.

B. Operational Restrictions

None.

C. Monitoring and/or Recordkeeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of the unpaved roadways and parking areas in accordance with the following frequencies:

<u>unpaved roadways</u>	<u>minimum inspection frequency</u>
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All	Daily
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<u>unpaved parking areas</u>	<u>minimum inspection frequency</u>
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All	Daily
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2. The purpose of the inspections is to determine the need for implementing

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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 may, upon receipt of written approval from the Toledo Environmental Services Division, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
4. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed, 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 4.d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

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

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required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and,

- b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the emission limitation for the unpaved roadways and parking areas identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources," as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

None.

III. F002 Storage Piles

A. Additional Terms and Conditions

1. The storage piles that are covered by this permit and subject to the requirements of OAC rules 3745-31-05 are listed below:

All aggregate storage piles

2. The permittee shall employ the best available control measures on all load-in and load-out operations associated with the storage 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 treat the load-in and load-out material(s) with water and/or any other suitable dust suppression chemicals to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
3. The above-mentioned control measure(s) shall be employed for each load-in and load-out operation of each storage pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable

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requirements. Any required implementation of the control measure(s) shall continue during any such operation until further observation confirms that use of the measure(s) is unnecessary.

4. The permittee shall employ reasonably available control measures for wind erosion from the surfaces of all storage 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 treat each storage pile 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.
5. The above-mentioned control measure(s) shall be employed for wind erosion from each pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. 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.
6. 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 3745-31-05.

B. Operational Restrictions

None.

C. Monitoring and/or Recordkeeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of each load-in operation at each storage pile in accordance with the following frequencies:

<u>storage pile identification</u>	<u>minimum load-in inspection frequency</u>
All	Daily

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- 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, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measure(s).

The information required in 7.d. shall be kept separately for (i) the load-in operations, (ii) the load-out operations, and (iii) the pile surfaces (wind erosion), and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and,
 - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the visible emission limitations for the storage piles identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

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F. Miscellaneous Requirements

None.