

**Synthetic Minor Determination and/or**  **Netting Determination**

Permit To Install **03-13548**

A. Source Description

This permit encompasses the equipment used for a drum-mix asphalt plant of 375 tons per hour maximum rated capacity.

B. Facility Emissions and Attainment Status

This facility has requested a synthetic minor because potential emissions of carbon monoxide exceed 250 TPY, potential emissions of sulfur dioxide, and nitrogen oxide exceed 100 TPY. Federally enforceable restrictions will lower potential emissions of the above mentioned pollutants to less than 100 TPY.

These restrictions will keep the company from the requirements of PSD review and Title V.

C. Source Emissions

Shelly Materials has requested federally enforceable restrictions of varying monthly production limits and 350,000 production tons for the annual restriction. This limit will result in permit allowable emissions of 17.50 TPY SO<sub>2</sub>, 78.75 TPY CO, 17.50 TPY NO<sub>x</sub>, and 8.75 TPY VOC.

D. Conclusion

This facility has a restricted permit allowable emission limitations of 17.50 TPY SO<sub>2</sub>, 78.75 TPY CO, 17.50 TPY NO<sub>x</sub>, and 8.75 TPY VOC. This permit allowable will not trigger PSD review or Title V.



State of Ohio Environmental Protection Agency

Street Address:

Mailing Address:

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Lazarus Gov.  
Center

**RE: DRAFT PERMIT TO INSTALL  
ALLEN COUNTY  
Application No: 03-13548**

**CERTIFIED MAIL**

**DATE:** 10/16/2001

Shelly Materials  
Larry Shively  
8775 Blackbird Lane PO Box 266  
Thornville, OH 43076

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43266-0149.

A Permit to Install may be issued in proposed or final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install a fee of **\$1100** will be due. Please do not submit any payment now.

The Ohio EPA is urging 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 Pollution Prevention at (614) 644-3469. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Very truly yours,

Thomas G. Rigo, Manager  
Field Operations and Permit Section  
Division of Air Pollution Control

CC: USEPA

NWDO

Lima-Allen Reg Plan Com

IN



STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

**Permit To Install  
Terms and Conditions**

**Issue Date: To be entered upon final issuance  
Effective Date: To be entered upon final issuance**

**DRAFT PERMIT TO INSTALL 03-13548**

Application Number: 03-13548  
APS Premise Number: 0302020006  
Permit Fee: **To be entered upon final issuance**  
Name of Facility: Shelly Materials  
Person to Contact: Larry Shively  
Address: 8775 Blackbird Lane PO Box 266  
Thornville, OH 43076

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**600 North Sugar Street  
Lima, Ohio**

Description of proposed emissions unit(s):  
**Modification to PTI 03-2314 issued on 8-6-85 from 250 TPH drum mix asphalt plant to 350 TPH and to modify plant roads, parking areas and storage piles due to increase traffic and throughput.**

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

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Director

**Part I - GENERAL TERMS AND CONDITIONS**

**A. Permit to Install General Terms and Conditions**

**1. Compliance Requirements**

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

**2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements**

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. 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 recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. 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 31, 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.)

**3. Records Retention Requirements**

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

**4. Inspections and Information Requests**

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any

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information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

**5. Scheduled Maintenance/Malfunction Reporting**

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

**6. Permit Transfers**

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

**7. Air Pollution Nuisance**

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

**8. Termination of Permit to Install**

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. 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.

**9. Construction of New Sources(s)**

The proposed emissions unit(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

**Shelly Materials**

**PTI Application: 03-13548**

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lead to such sanctions

**Facility ID: 0302020006**

**Shelly Materials**

**Facility ID: 0302020006**

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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 cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(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 OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

**10. 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.

**11. Applicability**

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit to Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

**12. 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.

**13. Source Operation and Operating Permit Requirements After Completion of Construction**

- a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete

**Shelly Materials**

**Facility ID: 0302020006**

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Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

Emissions Unit ID: F001

- b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the source(s) covered by this permit.

**14. 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.

**15. Fees**

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

**B. Permit to Install Summary of Allowable Emissions**

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

**SUMMARY (for informational purposes only)  
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons Per Year</u>
PM	9.63
SO2	17.50
CO	78.75
NOx	17.50
VOC	8.75

**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. Applicable Emissions Limitations and/or Control Requirements**

- The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>
F001 -Existing plant roadways parking areas. (Modification) Modification involves increase in allowable emissions due to increased vehicle traffic.	OAC rule 3745-31-05(A)(3)
Paved Roadways and Parking Areas	OAC rule 3745-31-05 (A)(3)
Unpaved Roadways and Parking Areas	OAC rule 3745-31-05 (A)(3)
	OAC rule 3745-17-08 (B)
	OAC rule 3745-17-07 (B)

Shelly

PTI A

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Emissions Unit ID: F001

Applicable Emissions  
Limitations/Control Measures

2.49 tons fugitive PE/yr

no visible particulate emissions  
except for one minute during any  
60-minute period

best available control measures that  
are sufficient to minimize or  
eliminate visible emissions of  
fugitive dust (see A.2.c, and A.2.e  
through A.2.i)

no visible particulate emissions  
except for 3 minutes during any  
60-minute period

best available control measures that  
are sufficient to minimize or  
eliminate visible emissions of  
fugitive dust (see A.2.d through  
A.2.i)

See A.2.j

See A.2.j

## 2. Additional Terms and Conditions

- 2.a** The paved roadways and parking areas that are covered by this permit and subject to the above-mentioned requirements are listed below:

paved roadways:

all paved roadways

paved parking areas:

all paved parking areas

- 2.b** 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 roadways

unpaved parking areas:

all unpaved parking areas

- 2.c** The permittee shall employ best 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 treat the paved roadways and parking areas with water at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 2.d** 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 at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 2.e** 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 a paved or 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.

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- 2.f** 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.
- 2.g** 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.
- 2.h** 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.
- 2.i** 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.
- 2.j** The unpaved roadways and parking areas are associated with the portable asphalt plant P901 permitted under facility ID 0302020006. The emission limitation of 2.49 TPY fugitive PE represents the maximum emissions which will be emitted from the roadways and parking areas for any proposed site for relocation of the portable asphalt plant.

The roadways and parking areas are associated with a portable source and are applicable to the requirements of OAC rule 3745-17-07 (B) and 3745-17-08 (B) when located in an "Appendix A" area as identified in OAC rule 3745-17-08. The emission limitations and control requirements established by OAC rule 3745-17-07 (B) and OAC rule 3745-17-08 (B) are less stringent than the requirements established pursuant to OAC rule 3745-31-05 (A) (3).

**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 roadways and parking areas in accordance with the following frequencies:

<u>paved roadways and parking areas</u>	<u>minimum inspection frequency</u>
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all paved roadways and parking areas once during each day of operation

<u>unpaved roadways and parking areas</u>	<u>minimum inspection frequency</u>
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all unpaved roadways and parking areas once during each day of operation

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 may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, 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 kept separately for (i) the paved roadways and parking areas and (ii) the unpaved roadways and parking areas, and shall be updated on a

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calendar quarter basis within 30 days after the end of each calendar quarter.

**D. Reporting Requirements**

1. The permittee shall submit deviation reports, in accordance with the reporting requirements of the General Terms and Conditions of this permit, 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.

**E. Testing Requirements**

1. Compliance with the emission limitations in Section A.1. of the terms and conditions of this permit shall be determined in accordance with the following methods:

Emission Limitation-  
2.49 tons PE/yr

- a. Applicable Compliance Method:  
Applicable Compliance Method: Compliance shall be determined by multiplying AP-42 emission factors for paved and unpaved roadways [section 13.2.1.2 (10/97) and section 13.2.2.2 (9/98)] and the following maximum vehicle miles traveled:

paved roadways - 21,875 miles  
unpaved roadways - 21,875 miles for mean vehicle weight of 4 tons  
2,188 miles for mean vehicle weight of 10 tons  
2,188 miles for mean vehicle weight of 12 & 18 tons

The permittee shall demonstrate ongoing compliance by the monitoring and recordkeeping in section C.

- b. Emission Limitation Method:  
There shall be no visible particulate emissions from any paved roadway or parking area except for a period of time not to exceed 1 minute during any 60-minute observation

Shelly

PTI A

Emissions Unit ID: **F001**

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period.

Applicable Compliance Method:

If required, compliance with the visible emission limitation specified 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.

c. Emission Limitation Method:

There shall be no visible particulate emissions from any unpaved roadway or parking area except for a period of time not to exceed 3 minutes during any 60-minute observation period.

Applicable Compliance Method:

If required, compliance with the visible emission limitation specified 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.

**F. Miscellaneous Requirements**

None

**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. Applicable Emissions Limitations and/or Control Requirements**

- The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Existing storage piles (Modification) modification due to increased aggregate throughput).	OAC rule 3745-31-05 (A)(3)	0.11 TPY fugitive PE
load-in and load-out of storage piles (see Section A.2.a. for identification of storage piles)	OAC rule 3745-31-05 (A) (3)	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period.  Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.b., A.2.c., & A.2.f.)
wind erosion from storage piles (see Section A.2.a. for identification of storage piles)	OAC rule 3745-31-03 (A) (3)	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period.  Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.d. through A.2.f.)
load-in and load-out of storage piles, and wind erosion from storage piles	OAC rule 3745-17-07 (B)	See A.2.g.
	OAC rule 3745-17-08 (B)	See A.2.g.

**2. Additional Terms and Conditions**

- 2.a** The storage piles that are covered by this permit and subject to the above-mentioned requirements are listed below:

  - i. Material products storage pile
  - ii. RAP storage pile
  - iii. Concrete storage pile
  - iv. Sand storage pile
  - v. Gravel storage pile
  
- 2.b.** The permittee shall employ best available control measures on all load-in and load-out operations associated with the storage piles for purposes 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 materials 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.
  
- 2.c.** 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 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.
  
- 2.d.** The permittee shall employ best available control measures for wind erosion from the surfaces of all storage piles for the propose 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.
  
- 2.e.** The above-mentioned control measure(s) shall be employed for wind erosion from each pile

Emissions Unit ID: **F002**

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 if the precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.

- 2.f. 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.
- 2.g. The storage piles are associated with the portable asphalt plant P901 permitted under facility ID 0302020006 P901. The emission limitation of 0.11 TPY fugitive PE represents the maximum emissions which will be emitted from the storage piles for any proposed site for relocation of the portable asphalt plant.

The storage piles are associated with a portable source and are applicable to the requirements of OAC rule 3745-17-07 (B) and 3745-17-08 (B) when located in an "Appendix A" area as identified in OAC rule 3745-17-08. The emission limitations and control requirements established by OAC rule 3745-17-07 (B) and OAC rule 3745-17-08 (B) are less stringent than the requirements established pursuant to OAC rule 3745-31-05 (A) (3).

**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	Once during each day of operation

- 2. Except as otherwise provided in this section, the permittee shall perform inspections of the wind erosion from pile surfaces associated with each storage pile in accordance with the following frequencies:

<u>storage pile identification</u>	<u>minimum load-out inspection frequency</u>
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General Terms and Conditions of this permit, 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.
- b. Each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

#### E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
  - a. Emission Limitation: 0.11 ton per year fugitive PE

Applicable Compliance Method: This emission limitation was developed by applying a 50% control efficiency for dust suppression to a maximum potential uncontrolled emission rate of 0.21 TPY PE. The maximum potential uncontrolled emission rate was calculated using an emission factor of 1.67 lbs PE/acre/day as determined by the method from USEPA's Control of Open Fugitive Dust Sources (September 1988) and a maximum storage pile surface area of 0.70 acres. Compliance shall be demonstrated through the monitoring and recordkeeping requirements in Section C of this permit.

**Shelly**

**PTI A**

Emissions Unit ID: **F002**

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- b. Emission Limitation: No visible emissions except for a period of time not to exceed 1 minute during and 60-minute observation period.

Applicable Compliance Method: 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.

**F. Miscellaneous Requirements**

None

Shelly  
PTI A

Emissions Unit ID: P901

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**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>
P901 -375 TPH drum mix asphalt plant. (Modification to PTI # 03-2314 issued on 8-6-85). Modification to increase plant capacity from 250 TPH to 375 TPH.	OAC rule 3745-31-05(A)(3)  40 CFR Part 60, Subpart I  OAC Rule 3745-17-11 (B) OAC Rule 3745-17-07 (B) OAC rule 3745-31-05 (D) OAC Rule 3745-17-08 (B) OAC Rule 3745-18-06(E)(2)

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<u>Applicable Emissions Limitations/Control Measures</u>	stack shall not exhibit 20% opacity, or greater.
Stack Emissions:	
12.40 lbs/hr PE	(See A.2.e.)
37.50 lbs/hr SO <sub>2</sub>	(See A.2.f.)
37.50 lbs/hr NO <sub>x</sub>	(See A.2.f.)
168.75 lbs/hr CO	
18.75 lbs/hr VOC	(See A.2.e.)
Visible emission restrictions (See A.2.d)	
See A.2.a	
See A.2.g.	
5.78 Tons/PE per rolling 12-month period (See A.2.b)	
1.25 Tons fugitive PE/ per rolling 12-month period (See A.2.b)	
17.50 Tons/SO <sub>2</sub> per rolling 12-month period (See A.2.b)	
17.50 Tons/NO <sub>x</sub> per rolling 12-month period (See A.2.b)	
78.75 Tons/CO per rolling 12-month period (See A.2.b)	
8.75 Tons/VOC per rolling 12-month period (See A.2.b)	
0.04 gr PE/dscf of exhaust gas.	
Emissions from the baghouse	

**2. Additional Terms and Conditions**

**2.a** "Best Available Technology" (BAT) for this emissions unit has been determined to be the following:

- i. Use of baghouse for drum mix operations;
- ii. Use of Best Available Control Measures (See A.2.c)

**2.b** The permittee has requested the following federally enforceable emission limitations:

- 17.50 tons SO<sub>2</sub> per rolling 12-month period
- 78.75 tons CO per rolling 12-month period
- 17.50 tons NO<sub>x</sub> per rolling 12-month period
- 8.75 tons VOC per rolling 12-month period
- 5.78 tons PE (stack) per rolling 12-month period
- 1.25 tons PE (fugitive) per rolling 12-month period

The federally enforceable emission limitations are based on production restrictions (See B.1.) and are being established for purposes of avoiding Prevention of Significant Deterioration (PSD) and Title V requirements.

**2.c** The permittee shall employ best available control measures to minimize or eliminate visible emissions of fugitive dust from emissions unit P901. If the inherent moisture in the asphalt plant raw material is not sufficient to comply with the opacity restrictions in section A.2.d., the permittee shall install equipment to apply water or any other suitable dust suppressant, at appropriate locations on the line.

Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

**2.d** Visible fugitive emissions from material handling operations for emissions unit P901 shall not exceed the following opacity restrictions:

<b>Emission Point (company ID)</b>	<b>Equipment Type</b>	<b>Opacity Limit as a three-Minute Average</b>	<b>Regulatory Basis for Limit</b>
Material unloading into feeder bins	Transfer point	20%	OAC Rule 3745-31-05

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Material transfer from feeder bin conveyor to dryer feed conveyor	Transfer point	20%	OAC Rule 3745-31-05
Material transfer from dryer feed conveyor to dryer	Transfer point	20%	OAC Rule 3745-31-05

**2.e** The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

**2.f** This emissions unit is a portable source and is applicable to the requirements of OAC rule 3745-17-07(B) and OAC rule 3745-17-08 (B) when located in an "Appendix A" area as identified in OAC rule 3745-17-08. The emission limitations and control requirements established by OAC rule 3745-17-07 (B) and OAC rule 3745-17-08 (B) are equivalent to or less stringent than the requirements established pursuant to OAC rule 3745-31-05 and NSPS Subpart I.

When the emissions unit is not located within an "Appendix A" area as identified in OAC rule 3745-17-08, this emission unit is exempt from the requirements of OAC rule 3745-17-08(B) pursuant to OAC rule 3745-17-08(A) and is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07 (B)(1) pursuant to OAC rule 3745-17-07(B)(11)(e).

**2.g** The requirements of this rule also include compliance with CFR 40 Part 60, Subpart I and OAC rule 3745-31-05(D).

**B. Operational Restrictions**

1. Annual asphalt production from emissions unit P901 shall not exceed 350,000 tons per year, based on a rolling, 12 month summation of the monthly production rates.

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

<u>MONTH(s)</u>	<u>MAXIMUM ALLOWABLE CUMULATIVE ASPHALT PRODUCTION (TONS)</u>
1	50,000

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1-2	100,000
1-3	125,000
1-4	150,000
1-5	200,000
1-6	250,000
1-7	300,000
1-8	350,000
1-9	350,000
1-10	350,000
1-11	350,000
1-12	350,000

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

2. The permittee may substitute recycled asphalt aggregates in the raw material feed mix in amounts not to exceed 50 percent of all aggregate materials introduced at any given time.
3. The permittee shall only employ materials/fuels listed in the permit to install application. Any changes in the materials employed/combusted may be deemed a "modification" to the emissions unit and, as such will require prior notification to and approval from the Ohio EPA, Division of Air Pollution Control, Northwest District Office.
4. The pressure drop across the baghouse shall be maintained within the range of 3 to 6 inches of water while the emissions unit is in operation
5. All recycled, used oil burned in emissions unit P901 shall meet the following specifications:

Contaminant/Property Allowable Specifications

arsenic	5 ppm, maximum
cadmium	2 ppm, maximum
chromium	10 ppm, maximum
lead	100 ppm, maximum
PCB's	50 ppm, maximum*
total halogens	4000 ppm maximum**
mercury	1 ppm, maximum
flash point	100 F, minimum
heat content	135,000 Btu/gallon, minimum

\* If the permittee is burning used oil with any quantifiable level >2 ppm <50 ppm of PCB's, then the permittee is subject to any applicable requirements found under 40 CFR part 279, subparts G and H and 40 CFR 761.20 (e).

\*\* Used oil containing more than 1000 ppm total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under 40 CFR 279.10 (b)(1)(ii) and OAC rule 3745-279-10 (B)(1)(b). Therefore, the permittee may receive and burn used oil exceeding 1000 ppm of total halogens (but less than 4000 ppm, maximum) only if the used oil burner has demonstrated the used oil does not contain any hazardous waste pursuant to OAC rule 3745-279-63.

6. The permittee may not burn any used oil which does not meet the specifications listed in OAC rule 3745-279-11 without first obtaining an air permit to install that authorizes the burning of such used oil. The burning of used oil that does not meet specifications listed in OAC rule 3745-279-11 is subject to OAC rule 3745-279-60 through 67 and the applicable portions of 40 CFR part 761. In addition, if the permittee is burning used oil which exceed the mercury limitation and falls below the heat content limitation listed in term B.f, then this may trigger the requirement to apply for and obtain an air permit to install.
7. The burning of hazardous waste is prohibited without first complying with all applicable state and federal hazardous waste and air regulations and permits.

### C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.
2. Except as otherwise provided in this section, the permittee shall perform inspections of the fugitive material handling operations in accordance with the following frequencies:

<u>material handling operation(s)</u>	<u>minimum inspection frequency</u>
all material unloading into feeder bins	once during each day of operation
all material transfer from feeder bin conveyor to dryer feed conveyor	once during each day of operation
all material transfer from dryer feed conveyor to dryer	once during each day of operation

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3. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during times of asphaltic concrete production.
4. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, 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.
5. 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.
6. The permittee shall maintain monthly records of the following information:
  - a. Asphalt production rate in tons per month.
  - b. Beginning after the first 12 calendar months of operation under the provisions of this permit, the rolling, 12-month summation of the monthly asphalt production rate.  
  
Also, during the first 12 calendar months of operation under the provisions of this permit, the permittee shall record the cumulative asphalt production rate for each calendar month.
7. The permittee shall receive a chemical analysis with each shipment of used oil from the supplier. The analysis shall identify the name and address of the supplier, the supplier's USEPA identification number, and the following information:
  - a. The date of the shipment or delivery.
  - b. The quantity of used oil received.
  - c. The Btu value of the used oil, in Btu/gallon.

- d. The flash point of the used oil, in Btu/gallon.
- e. The arsenic content, in ppm.
- f. The cadmium content, in ppm.
- g. The chromium content, in ppm.
- h. The lead content, in ppm.
- i. The PCB content, in ppm.
- j. The total halogen content, in ppm.
- k. The mercury content, in ppm.

Each analysis shall be kept in a readily accessible location for at least 5 years and shall be made available to the Director (the appropriate Ohio EPA District Office or local air agency) upon verbal or written request. The Director or any authorized representative of the Director may require or may conduct periodic, detailed chemical analysis through an independent laboratory or any used oil shipment received by this facility, of any used oil stored at this facility, or of any used oil sampled at the dryer.

#### **D. Reporting Requirements**

1. The permittee shall submit pressure drop deviation (excursion) reports that identify that all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above.
2. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month asphalt production limitation and for the first 12 calendar months of operation under the provisions of this permit, all exceedances of the maximum allowable cumulative asphalt production levels.
3. The permittee shall submit deviation reports that identify any of the following occurrence:
  - a. each day during which an inspection was not performed by the required frequency; and
  - b. each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.

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4. Deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.
  
5. The permittee shall notify the USEPA and the Ohio EPA if any of the used oil exceeds the used oil specifications found in OAC rule 3745-279-11 and the applicable portions of 40 CFR part 761 and shall also notify Ohio EPA if any used oil exceed the mercury limitation and falls below the heat content limitation listed in term B.4 within thirty days after the exceedance occurs. If the permittee is burning used oil which exceeds the specifications found in OAC rule 3745-279-11 and the applicable portions of 40 CFR part 761, the permittee is subject to that rule and must comply with all applicable provisions of that rule(s).

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**E. Testing Requirements**

1. Compliance with the emissions limitation(s) in section A.1 of these terms and conditions shall be determined in accordance with the following method(s):

a. Emission Limitation:  
0.04 gr/dscf, 12.40 lbs/hr PE

Applicable Compliance Method:  
Compliance shall be determined by testing requirements specified in section E.2.

b. Emission Limitation:  
5.78 tons PE per rolling 12-month period

Applicable Compliance Method:  
The permittee shall demonstrate compliance by multiplying a maximum rolling 12-month asphalt production rate of 350,000 tons by the AP-42 emission factor of 0.033 lb PE/ton of product, in Table 11.1-3 (12/00) and dividing by 2000 lbs/ton. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.

c. Emission Limitation:  
1.25 TPY PE per rolling 12-month period (fugitive)

Applicable Compliance Method:  
The permittee shall demonstrate compliance by multiplying an AP-42 emission factor of 0.01 lb PE/ton of material loaded found in Section 13.2.4.3 (1/95) asphalt production rate multiplying by a maximum annual material handling operations throughput of 250,000 tons (based on a maximum production rate of 350,000 tons) and dividing by 2000 lbs/ton.

d. Emission Limitation:  
37.50 lbs/hr SO<sub>2</sub>

Applicable Compliance Method:  
Compliance shall be determined by testing requirements specified in section E.2.

e. Emission Limitation:  
17.50 TPY/yr SO<sub>2</sub> per rolling 12-month period

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Applicable Compliance Method:

The permittee shall demonstrate compliance by multiplying a maximum rolling 12-month asphalt production rate of 350,000 tons by a company supplied emission factor of 0.10 lb SO<sub>2</sub>/ ton of product (verified by testing in Section E.2) and dividing by 2000 lbs/ton. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.

- f. Emissions Limitation:  
37.50 lbs/hr NO<sub>x</sub>

Applicable Compliance Method:

Compliance shall be determined by testing requirements specified in section E.2.

- g. Emissions Limitation:  
17.50 tons/yr NO<sub>x</sub> per rolling 12-month period

Applicable Compliance Method:

The permittee shall demonstrate compliance by multiplying a maximum rolling 12-month asphalt production rate of 350,000 tons by a company supplied emission factor of 0.10 lb NO<sub>x</sub>/ton of product (verified by testing in Section E.2) and dividing by 2000 lbs/ton. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.

- h. Emissions Limitation:  
168.75 lbs/hr CO

Applicable Compliance Method:

Compliance shall be determined by testing requirements specified in section E.2

- i. Emissions Limitation:  
78.75 tons/yr CO

Applicable Compliance Method:

The permittee shall demonstrate compliance by multiplying a maximum rolling 12-month asphalt production rate of 350,000 tons by a company supplied emission factor of 0.45 lb CO/ton of product (verified by testing in Section E.2) and dividing by 2000 lbs/ton. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.

- j. Emissions Limitation:  
18.75 lbs/hr VOC

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Applicable Compliance Method:

Compliance shall be determined by testing requirements specified in section E.2.

- k. Emissions Limitation:  
8.75 tons/yr VOC per rolling 12-month period

Applicable Compliance Method:

The permittee shall demonstrate compliance by multiplying a maximum rolling 12-month asphalt production rate of 350,000 tons by a company supplied emission factor of 0.05 lb

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VOC/ton of product (verified by testing in Section E.2) and dividing by 2000 lbs/ton. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.

- l. Emissions Limitation:  
20 percent opacity as a 3-minute average per material handling operation

Applicable Compliance Method:  
USEPA Reference Method 9 of 40 CFR Part 60, Appendix A.

- m. Emission Limitation:  
Emissions from the baghouse stack shall not exhibit 20% opacity, or greater.

Applicable Compliance Method:  
USEPA Reference Method 9 of 40 CFR Part 60, Appendix A.

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
  - a. The emission testing shall be conducted within 60 days after achieving the maximum production rate at which the emissions unit will be operated, but not later than 180 days after modification of such emissions unit.
  - b. The emission testing shall be conducted to demonstrate compliance with the following:
    - i. 12.40 lbs/hr PE
    - ii. 0.04 gr/dscf
    - iii. 37.50 lbs/hr SO<sub>2</sub>
    - iv. 168.75 lbs/hr CO
    - v. 18.75 lbs/hr VOC
    - vi. 37.50 lbs/hr NO<sub>x</sub>
  - c. The following test method(s) shall be employed to demonstrate compliance with the above emission limitations:

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- I. PE & gr/dscf- Method 5, of 40 CFR Part 60, Appendix A.
- ii. SO<sub>2</sub>- Method 6, of CFR Part 60, Appendix A.
- iii. CO- Method 10, of CFR Part 60, Appendix A.
- iv. NO<sub>x</sub>- Method 20, of CFR Part 60, Appendix A.
- v. VOC- Method 25 of CFR Part 60, Appendix A.

The emission testing shall also be conducted to verify the company supplied emission factors of:

- I. 0.10 lb SO<sub>2</sub>/ton of product
- ii. 0.10 lb NO<sub>x</sub>/ton of product
- iii. 0.45 lb CO/ton of product
- iv. 0.05 lb VOC/ton of product

The test(s) shall be conducted while the emissions unit is operating at its maximum capacity unless otherwise specified or approved by the appropriate Ohio EPA District or local air agency.

- d. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification. The company shall demonstrate in the "Intent to Test" what is "Worst Case" for particulate emissions. (e.g. "Virgin aggregate"/slag.) This "Worst Case" scenario shall be pre-approved by the Ohio EPA, Division of Air Pollution Control, Northwest District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emission 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 field office's refusal to accept the results of the emissions test(s).
- e. Personnel from the Ohio EPA, Northwest District Office 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.

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- f. 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 Ohio EPA, Northwest District Office 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 Ohio EPA, Northwest District Office.

**F. Miscellaneous Requirements**

None

**NEW SOURCE REVIEW FORM B**

PTI Number: 03-13548 Facility ID: 0302020006

FACILITY NAME Shelly Materials

FACILITY DESCRIPTION Modification to storage piles due to increase traffic and throughput. CITY/TWP Lima

SIC CODE 2951 SCC CODE EMISSIONS UNIT ID F001

EMISSIONS UNIT DESCRIPTION Modification to existing plant roadways and parking areas due to increased truck traffic.

DATE INSTALLED

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	Attainment		2.49		2.49
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? NO

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED\*? YES X NO

IDENTIFY THE AIR CONTAMINANTS:

**NEW SOURCE REVIEW FORM B**

PTI Number: 03-13548

Facility ID: 0302020006

FACILITY NAME Shelly Materials

FACILITY DESCRIPTION Modification to storage piles due to

CITY/TWP Lima

Emissions Unit ID: **P901**

SIC CODE 2951

SCC CODE

EMISSIONS UNIT ID

F002

EMISSIONS UNIT DESCRIPTION Modification to existing storage piles due to increased plant aggregate throughput.

DATE INSTALLED

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	Attainment		011		0.11
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS?

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? NO

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT?

\$

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED\*?

YES

NO

IDENTIFY THE AIR CONTAMINANTS:

4 **NEW SC**

PTI Num

**FACILITY**

Emissions Unit ID: **P901** \_\_\_\_\_

**FACILITY DESCRIPTION** Modification to PTI 03-2314 issued on 8-6-85 from 250 TPH drum mix asphalt plant to 350 TPH. CITY/TWP Lima

SIC CODE 2951 SCC CODE \_\_\_\_\_ EMISSIONS UNIT ID P901

**EMISSIONS UNIT DESCRIPTION** Modification to PTI 03-2314 issued on 8-6-85 from 250 TPH drum mix asphalt plant to 350 TPH.

**DATE INSTALLED** \_\_\_\_\_

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	Attainment	12.40	5.87	12.40	5.78
PM <sub>10</sub>	Fugitive PM		1.25		1.25
Sulfur Dioxide	Attainment	37.50	17.50	37.50	17.50
Organic Compounds	Attainment	18.75	8.75	18.75	8.75
Nitrogen Oxides	Attainment	37.50	17.50	37.50	17.50
Carbon Monoxide	Attainment	168.75	78.75	168.75	78.75
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? Subpart I \_\_\_\_\_ NESHAP? \_\_\_\_\_ PSD? \_\_\_\_\_ OFFSET POLICY? \_\_\_\_\_

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

**Enter Determination**

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? NO \_\_\_\_\_

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ \_\_\_\_\_

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES X NO

IDENTIFY THE AIR CONTAMINANTS: \_\_\_\_\_