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

Permit To Install **03-13697**

A. Source Description

This permit to install encompasses the equipment used for a drum mix asphalt plant of 300 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, exceeds 100 TPY. Federally enforceable restrictions will lower potential emissions of the above mentioned pollutants to less than 100 TPY. This restriction will keep the company from the requirements of Title V.

C. Source Emissions

Gerken Materials, Inc. has requested a federally enforceable restriction of varying monthly production limits and 375,000 tons asphalt production per rolling 12-month period. The production limitation will result in potential emissions of 24.38 tons/yr CO.

D. Conclusion

The annual asphalt production restriction will limit allowable emissions to 24.38 TPY CO thus not triggering Title V.

State of Ohio Environmental Protection Agency

RE: DRAFT PERMIT TO INSTALL **CERTIFIED MAIL**
HENRY COUNTY

Street Address: Mailing Address: Lazarus Gov. Center
Lazarus Gov. Center **TELE:** (614) 644-3020 **FAX:** (614) 644-2329

Application No: 03-13697
Fac ID: 0335000044

DATE: 11/4/2004

GERKEN MATERIALS INC.
Jim Scheub
PO Box 607 9-051 US 24
Napoleon, OH 43545

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 of 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 **$925** 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.

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

CC: USEPA NWDO IN MI

HENRY COUNTY

PUBLIC NOTICE
ISSUANCE OF DRAFT PERMIT TO INSTALL **03-13697** FOR AN AIR CONTAMINANT SOURCE FOR
GERKEN MATERIALS INC.

On 11/4/2004 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **GERKEN MATERIALS INC.**, located at **9-051 US 24, Napoleon**, Ohio.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 03-13697:

Modification to hot mix asphalt plant (portable plant No. 2); installation of 15,000 gallon fixed roof tank for used oil.

Comments concerning this draft action, or a request for a public meeting, must be sent in writing to the address identified below no later than thirty (30) days from the date this notice is published. All inquiries concerning this draft action may be directed to the contact identified below.

Kay Gilmer, Ohio EPA, Southeast District Office, 2195 Front Street, Logan, OH 43138 [(740)385-8501]

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit To Install | **Issue Date: To be entered upon final issuance**
Terms and Conditions | **Effective Date: To be entered upon final issuance**

DRAFT PERMIT TO INSTALL 03-13697

Application Number:	03-13697
Facility ID:	0335000044
Permit Fee:	**To be entered upon final issuance**
Name of Facility:	GERKEN MATERIALS INC.
Person to Contact:	Jim Scheub
Address:	PO Box 607 9-051 US 24 Napoleon, OH 43545

Location of proposed air contaminant source(s) [emissions unit(s)]:
9-051 US 24
Napoleon, Ohio

Description of proposed emissions unit(s):
Modification to hot mix asphalt plant (portable plant No. 2); installation of 15,000 gallon fixed roof tank for used oil.

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

Director

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

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

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 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 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 Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

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

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, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the emissions unit(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

Pollutant	Tons Per Year
PE	7.06
S02	10.88
CO	24.38
NOx	10.31
VOC	8.25

Emissions Unit ID: **P901**

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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	
P901 - Modification to hot mix asphalt plant (portable plant No. 2) to allow for use of used fuel oil. (modification of PTI #03-07827 issued 5/13/2003)	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 3745-17-08 (B)
		OAC Rule 3745-18-06(E)(2)
	OAC rule 3745-31-05 (C)	OAC rule 3745-23-06(B)
		OAC rule 3745-21-07(B)

OAC rule 3745-21-08(B)	Applicable Emissions Limitations/Control Measures Stack Emissions when burning used fuel oil or fuel oil number 2: 9.90 pounds particulate emissions (PE) per hour; 17.40 pounds sulfur dioxide (SO2) per hour; 16.50 pounds nitrogen oxide (NOx) per hour; 39.00 pounds carbon monoxide (CO) per hour; 13.20 pounds volatile organic compounds (VOC) per hour Visible emission restrictions (See A.2.d) See A.2.a, A.2.d, and A.2.g 6.18 tons PE (stack) per rolling 12-month period (See A.2.b) 0.88 tons fugitive PE per rolling 12-month period (See A.2.b) 10.88 tons SO2 per rolling 12-month period (See A.2.b) 10.31 tons NOx per rolling 12-month period (See A.2.b)	24.38 tons CO per rolling 12-month period (See A.2.b) 8.25 tons VOC per rolling 12-month period (See A.2.b) 0.04 gr PE/dscf of exhaust gas. Emissions from the baghouse stack shall not exhibit 20% opacity, or greater. See A.2.e See A.2.f See A.2.f See A.2.e See A.2.i See A.2.i See A.2.i

Emissions Unit ID: **P901**

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 PE control of drum mix operations. The baghouse control system exhaust shall meet the requirements of 40 CFR Part 60, Subpart I (0.04 gr PE/dscf of exhaust gas) and shall achieve a 100% capture efficiency;

ii. Use of Best Available Control Measures (See A.2.c)

2.b Annual emissions shall not exceed the following, based upon a rolling, 12-month summation of the monthly emissions:

i. 10.88 tons SO_2 per rolling 12-month period
ii. 24.38 tons CO per rolling 12-month period
iii. 10.31 tons NOx per rolling 12-month period
iv. 8.25 tons VOC per rolling 12-month period
v. 6.18 tons PE (stack) per rolling 12-month period
vi. 0.88 tons PE (fugitive) per rolling 12-month period

The emission limitations are based on production restrictions (see B.1) for the purpose of establishing federally enforceable limitations to avoid "Prevention Title V applicability.

2.c The permittee shall employ best available control measures to minimize or eliminate visible emissions of fugitive dust from emissions unit P901. In accordance with the permit application, the permittee maintains that the inherent moisture content of the material handled is more than sufficient to comply with all applicable requirements. If the inherent moisture content of the material is not sufficient to comply with all applicable requirements the permittee shall install equipment to apply water or any other suitable dust suppressant, at appropriate locations on the material handling system.

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:

Emission Point
(company ID)

	Equipment Type	Opacity Limit as a Three-Minute Average	Regulatory Basis for Limit
Material unloading into feeder bins	Transfer point	20%	OAC Rule 3745-31-05
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 (A)(3) 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(C).

2.i The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06(B) and OAC rule 3745-21-07(B) and the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in this Permit to Install.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule

revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

B. Operational Restrictions

1. Annual asphalt production from emissions unit P901 shall not exceed 375,000 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:

MONTH(s)	MAXIMUM ALLOWABLE CUMULATIVE ASPHALT PRODUCTION (TONS)
1	25,000
1-2	50,000
1-3	75,000
1-4	100,000
1-5	150,000
1-6	200,000
1-7	300,000
1-8	375,000
1-9	375,000
1-10	375,000
1-11	375,000
1-12	375,000

   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 introduce 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 8 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.

8. The permittee shall conduct burner performance tuning for purposes of minimizing emissions. Burner performance tuning shall contain at a minimum the evaluation of and adjustment to manufacturer's specifications of the following:

   i. Fuel flow to the burner (for #2 fuel oil and used fuel oil);

   ii. Differential pressure of the baghouse to ensure proper air flow through the plant;

   iii. Flue gas analysis (of gases present in the drum and or stack) for CO, O2, CO2, and NOx;

   iv. Fuel pressure; and

   v. For burners that require compressed air for proper operation, correct pressure at the burner;

9. The permittee shall conduct an initial burner tuning within 30 production days after commencement of the production season. The permittee shall conduct another burner tuning within the time period of 90 to 120 production days after the initial burner tuning. For purposes of this permit, the production season is defined as the time period between the date the first ton of asphalt is produced and the date that the last ton of asphalt is produced during the same calendar year.

10. In addition to the burner tuning required above, the permittee shall conduct additional burner tuning, within 30 production days , for each type of fuel burned during the production season that is different than the fuel(s) burned during the initial burner tuning or the burner tuning described above that occurs 90 to 120 production days after the initial burner tuning.

11. The permittee shall only burn natural gas, fuel oil number 2, and used fuel oil in this emissions unit.

12. The used fuel oil and fuel oil number 2 shall meet the following requirements:

    a.. The sulfur content shall not exceed 0.5 weight percent; and

    b. The used fuel oil and fuel oil number 2 shall have a minimum heat content of 142,000 Btu/gal.

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:

material handling operation(s)	minimum inspection frequency
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

3. The purpose of the inspections is to determine the need for implementing 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 fuel 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.

8. For each day during which the permittee burns a fuel other than natural gas, fuel oil number 2, and/or used fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

9. For each shipment of fuel oil number 2 and used fuel oil received for burning in this emissions unit, the permittee shall collect or require the oil supplier to collect a representative grab sample of oil and maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content (in weight percent) and heat content (Btu/gal). A shipment may be comprised of multiple tank truck loads from the same supplier's batch, and the quality of the oil for those loads may be represented by a single batch analysis from the supplier.

10. For the fuel analyses in C.9, the permittee shall perform or require the supplier to perform the analyses in accordance with the following: sulfur content and heat content shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240 and D4294), or equivalent methods as approved by the Director.

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.

4. The permittee shall submit deviation (excursion) reports that identify all exceedances of the following:

   a. the sulfur content restriction for:

i. used fuel oil
ii. fuel oil number 2

b. the heat content restriction:

i. used fuel oil
ii. fuel oil number 2

5. Deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

6. 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).

7. The permittee shall submit burner tuning reports to the Ohio EPA, Northwest District Office that summarize the results of each burner tuning. These reports are due within 30 days of the date that the burner tuning was performed.

8. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas, fuel oil number 2, and/or used fuel oil was combusted in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

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, 9.90 pounds PE per hour

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

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

Applicable Compliance Method:
The emission limitation was established by multiplying a maximum rolling 12-month asphalt production rate of 375,000 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. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.

c. Emission Limitation:
0.88 tons fugitive PE per rolling 12-month period

Applicable Compliance Method:
The emission limitation was established by multiplying an AP-42 emission factor of 0.01 lb PE/ton of material loaded, in section 13.2.4.3 (1/95) by a maximum annual material handling operations throughput of 176,000 tons and dividing by 2000 lbs/ton. The maximum annual material handling throughput is based on the annual asphalt production restrictions of 375,000 tons per rolling 12-month period. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.

d. Emission Limitation:
17.40 pounds SO2 per hour

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

e. Emission Limitation:
10.88 tons SO2 per rolling 12-month period

Applicable Compliance Method:
The emission limitation was established by multiplying a maximum rolling 12-month asphalt production rate of 375,000 tons by the AP-42 emission factor of 0.058 lb SO2/ton of product, in Table 11.1-7 (12/00) and dividing by 2000 lbs/ton Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.

f. Emissions Limitation:
16.50 pounds NOx per hour

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

g. Emissions Limitation:
10.31 tons NOx per rolling 12-month period

Applicable Compliance Method:
The emission limitation was established by multiplying a maximum rolling 12-month asphalt production rate of 375,000 tons by the AP-42 emission factor of 0.055 lb NOx/ton of product, in Table 11.1-7 (12/00) and dividing by 2000 lbs/ton Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.

h. Emissions Limitation:
39.00 lbs/hr CO

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

i. Emissions Limitation:
24.38 tons/yr CO

Applicable Compliance Method:
The permittee shall demonstrate compliance by multiplying a maximum rolling 12-month asphalt production rate of 375,000 tons by the AP-42 emission factor of 0.13 lb CO/ton of product, in Table 11.1-7 (12/00) and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.

j. Emissions Limitation:
13.20 pounds VOC per hour

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

k. Emissions Limitation:
8.25 tons/yr VOC

Applicable Compliance Method:
The permittee shall demonstrate compliance by multiplying a maximum rolling 12-month asphalt production rate of 375,000 tons by the AP-42 emission factor of 0.044 lb VOC/ton of product, in Table 11.1-7 (12/00) and dividing by 2000 lbs/ton. Therefore,

provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.

l. Emissions Limitation:
Visible fugitive particulate emissions shall not exceed 20% opacity as a three-minute average

Applicable Compliance Method:
If required, compliance with the visible emission limitation for the material handling operation(s) identified above shall be determined in accordance with Test Method 9 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, 2002, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

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

Applicable Compliance Method:
If required compliance shall be demonstrated in accordance with 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 used fuel oil is burned in this emissions unit for any purpose.

b. The emission testing shall be conducted to demonstrate compliance with the following:

i. 9.90 pounds PE per hour

ii. 0.04 gr/dscf per hour

iii. 17.40 pounds SO2 per hour

iv. 39.00 pounds CO per hour

v. 13.20 pounds VOC per hour

vi. 16.50 pounds NOx per hour

c. The following test method(s) shall be employed to demonstrate compliance with the above emission limitations:

i. PE & gr/dscf- Method 5, of 40 CFR Part 60, Appendix A.

ii. SO2- Method 6, of CFR Part 60, Appendix A.

iii. CO- Method 10, of CFR Part 60, Appendix A.

iv. NOx- 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 emission factors of:

i. 0.058 lb SO2/ton of product

ii. 0.055 lb NOx/ton of product

iii. 0.13 lb CO/ton of product

iv. 0.044 lb VOC/ton of product

The test(s) shall be conducted while the emissions unit is burning used oil and 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.

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

1. The requirements of this permit shall supercede the requirements for emissions unit P901 contained in PTI #03-07827 issued on 5/13/2003.

2. Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:

   a. the portable emissions unit is equipped with the best available control technology for such portable emissions unit;

   b. the portable emissions unit is operating pursuant to a currently effective permit to install, permit to operate or registration;

   c. the applicant has provided proper notice of intent to relocate the portable emissions unit to the Northwest District Office (NWDO) and the appropriate field office having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation; and,

   d. in the NWDO's and the appropriate field office's judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.

3. In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria of OAC rule 3745-31-05(F) are met:

   a. the portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;

   b. the portable emissions unit is equipped with best available technology;

c. the portable emission unit owner has identified the proposed site to Ohio EPA;

d. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;

e. a public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county where the proposed site is located;

f. the owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to the proposed site; and,

g. the portable emissions unit owner has provided the Ohio EPA with fifteen days written notice of the relocation.

Any site approvals issued by the Ohio EPA, pursuant to section F.2. above, shall be valid for no longer than three years and are subject to renewal.

4. In order for the NWDO and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the owner or operator of the portable or mobile emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the NWDO (347 North Dunbridge Road, Bowling Green, OH 43402) and the appropriate office having jurisdiction over the new site. Upon receipt of the notice, the NWDO and/or the appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

5. The permittee should be advised that when portable emission units are located at a stationary source or at a source comprised of portable emission units, potential emissions from the portable emission units are included in the facility potential to emit calculations for Title V applicability.

The permittee shall include a potential to emit analysis of facility-wide emissions (including the portable sources) for the proposed relocation in the "Notice of Intent to Relocate".

Emissions Unit ID: **T004**

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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
T004 - 15,000 gallon fixed roof tank for storing used oil (Tank #4)	OAC rule 3745-31-05 (A)(3)	0.01 tons volatile organic compounds VOC per year Control Requirements (see A.2.a)
	OAC rule 3745-21-09(L)	Exempt (see A.2.b)
	40 CFR Part 60, Subpart Kb, sections 60.116(a) & (b)	Recordkeeping requirements (see C.1)

2. Additional Terms and Conditions

2.a The "Best Available Technology" (BAT) requirement for this emissions unit has been determined to be the use of a submerged fill pipe.

2.b In accordance with OAC rule 3745-21-09(L)(2), this storage tank is exempt from the requirements of OAC rule 3745-21-09(L) because the tank has a capacity of less than 40,000 gallons.

2.c The storage tank is associated with the portable asphalt plant P901 permitted under facility ID 0335000044. The emission limitation of 0.01 tons VOC per year represents the maximum emissions which will be emitted from the storage tank for any proposed site for relocation of the portable asphalt plant

B. Operational Restrictions

1. The permittee shall not exceed an annual material throughput rate of 593,750 gallons.

2. The permittee shall not place, store, or hold in this fixed roof tank any petroleum liquid which, as stored, has a true vapor pressure greater than 15 kPa (2.17 pounds per square inch absolute).

C. Monitoring and/or Recordkeeping Requirements

1. The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements for 40 CFR Part 60 are also federally enforceable.

   In accordance with 40 CFR 60.116b (a) and (b), the owner and operator of this emissions unit shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the emissions unit.

2. The permittee shall maintain monthly records of the amount of (gallons per month and total gallons, to date for the calendar year) of material throughput for this emissions unit.

3. For each day during which the permittee stores a liquid with a true vapor pressure greater than 15 kPa, the permittee shall maintain a record of the true vapor pressure of the liquid stored in this emissions unit.

D. Reporting Requirements

1. If the permittee places, stores, or holds in the fixed roof tank any petroleum liquid with a vapor pressure which is greater than 15 kPa (2.17 pounds per square inch absolute), with the requirements of paragraph (L)(1) of OAC rule 3745-21-09, the permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days of becoming aware of the occurrence.

2. The permittee shall submit annual deviation (excursion) reports that identify any and all exceedances of the annual material throughput limitation, as well as the corrective actions taken to achieve compliance. The reports shall be submitted annually, by January 31 of each year and shall cover the previous calendar year. If no deviations occurred during a calendar year, the permittee shall submit an annual report, which states that no deviations occurred during that year. (These annual reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Emissions unit T004 is subject to Subpart Kb of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

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 requirements to report the following at the appropriate times:

a. construction date (no later than 30 days after such date);
b. actual start-up date (within 15 days after such date); and
c. 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
Lazarus Government Building
P. O. Box 1049
Columbus, Ohio 43216-1049

and

Ohio EPA, Northwest District Office
347 North Dunbridge Road
Bowling Green, Ohio 43402

E. Testing Requirements

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

a. Emission Limitation: 0.01 ton VOC per year

Applicable Compliance Method:
The annual emission limitation was established by working and breathing loss calculations based on a maximum annual throughput of 593,750 gallons. Therefore provided compliance is shown with the maximum annual throughput, compliance with the annual OC emission limitation will be assumed. Compliance with the maximum annual throughput shall be demonstrated by the monitoring and recordkeeping specified in section C.2.

F. Miscellaneous Requirements

1. The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements for 40 CFR Part 60 are also federally enforceable.

2. Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:

   a. the portable emissions unit is equipped with the best available control technology for such portable emissions unit;

   b. the portable emissions unit is operating pursuant to a currently effective permit to install, permit to operate or registration;

   c. the applicant has provided proper notice of intent to relocate the portable emissions unit to the Northwest District Office (NWDO) and the appropriate field office having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation; and,

   d. in the NWDO's and the appropriate field office's judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.

3. In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria of OAC rule 3745-31-05(F) are met:

   a. the portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;

   b. the portable emissions unit is equipped with best available technology;

   c. the portable emission unit owner has identified the proposed site to Ohio EPA;

   d. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;

   e. a public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county where the proposed site is located;

   f. the owner of the proposed site has provided the portable emissions unit owner with

approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to the proposed site; and,

g. the portable emissions unit owner has provided the Ohio EPA with fifteen days written notice of the relocation.

Any site approvals issued by the Ohio EPA, pursuant to section F.2. above, shall be valid for no longer than three years and are subject to renewal.

4. In order for the NWDO and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the owner or operator of the portable or mobile emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the NWDO (347 North Dunbridge Road, Bowling Green, OH 43402) and the appropriate office having jurisdiction over the new site. Upon receipt of the notice, the NWDO and/or the appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

5. The permittee should be advised that when portable emission units are located at a stationary source or at a source comprised of portable emission units, potential emissions from the portable emission units are included in the facility potential to emit calculations for Title V applicability.

   The permittee shall include a potential to emit analysis of facility-wide emissions (including the portable sources) for the proposed relocation in the "Notice of Intent to Relocate".