



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center
50 West Town Street, Suite 700
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

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P.O. Box 1049
Columbus, OH 43216-1049

CERTIFIED MAIL

RE: DRAFT PERMIT TO INSTALL MODIFICATION

CLARK COUNTY

Application No: 08-03268

Fac ID: 0812700388

DATE: 6/26/2007

Valley Asphalt Plant 3
Daniel Crago
11651 Mosteller Rd
Cincinnati, OH 45241-1570

	TOXIC REVIEW
	PSD
Y	SYNTHETIC MINOR
	CEMS
	MACT
Subpart I	NSPS
	NESHAPS
	NETTING
	MAJOR NON-ATTAINMENT
	MODELING SUBMITTED
	GASOLINE DISPENSING FACILITY

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install modification for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit modification. 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 modification 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 modification 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 modification a fee of **\$ 0** 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, Permit Issuance and Data Management Section at (614) 644-3631.

Sincerely,

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

CLARK COUNTY

PUBLIC NOTICE
ISSUANCE OF DRAFT PERMIT TO INSTALL 08-03268 FOR AN AIR CONTAMINANT SOURCE
FOR Valley Asphalt Plant 3

On 6/26/2007 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **Valley Asphalt Plant 3**, located at **12063 Lower Valley Pike, Medway, Ohio**.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 08-03268:

administrative modification to change PCB levels.

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.

John Paul, Regional Air Pollution Control Agency, 117 South Main Street, Dayton, OH 45422-1280
[(937)225-4435]



Permit To Install

Issue Date: To be entered upon final issuance

Terms and Conditions

Effective Date: To be entered upon final issuance

DRAFT MODIFICATION OF PERMIT TO INSTALL 08-03268

Application Number: 08-03268

Facility ID: 0812700388

Permit Fee: **To be entered upon final issuance**

Name of Facility: Valley Asphalt Plant 3

Person to Contact: Daniel Crago

Address: 11651 Mosteller Rd
Cincinnati, OH 45241-1570

Location of proposed air contaminant source(s) [emissions unit(s)]:

**12063 Lower Valley Pike
Medway, Ohio**

Description of proposed emissions unit(s):

administrative modification to change PCB levels.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification 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 source(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 included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski
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

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 (i.e., postmarked) quarterly 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**

<u>Pollutant</u>	<u>Tons Per Year</u>
particulate matter	2.48
organic compound	9.68
nitrogen oxide	27
sulfur dioxide	19.8
carbon monoxide	90

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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
300 tons/hr, Hot Mix Asphalt Batch Plant; rotary dryer, hot aggregate elevator, vibrating screens, and weigh hopper, controlled with baghouse <i>*modification</i>	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of NSPS 40 CFR Part 60, Subpart I, OAC rule 3745-35-07(B) and OAC rule 3745-31-05(D). Stack Emissions 2.48 tons/yr particulate emission 120 lbs/hr carbon monoxide; 36 lbs/hr nitrogen oxides; 26.4 lbs/hr sulfur dioxide; 12.90 lbs/hr and 9.68 tons/yr organic compounds; Visible emissions of fugitive dust from the enclosures for the hot aggregate elevator, vibrating screens, and weigh hopper shall not exceed 20 percent opacity, as a 3-minute average. The installation and use of adequate enclosures and sufficient draft to minimize or eliminate visible emissions of fugitive dust from the hot aggregate elevator, vibrating screens, and weigh hopper.
	OAC rule 3745-31-05(C) (synthetic minor to avoid PSD and Title V)	90.0 tons/yr carbon monoxide

aggregate storage bins and cold aggregate elevator	NSPS 40 CFR Part 60, Subpart I OAC rule 3745-17-07(A) and 3745-17-11(B) OAC rule 3745-31-05(A)(3)	27 tons/yr nitrogen oxides 19.8 tons/yr sulfur dioxide The ton/yr limitations are based upon a rolling 12-month summation Particulate emissions shall not exceed 0.04 grain per dry standard cubic foot of exhaust gases. Visible particulate emissions shall not exceed 20 percent opacity, as a 6-minute average, from the stack, except as provided by 40 CFR Part 60.11. The emission limitation specified in these rules are less stringent than the emission limitation specified in 40 CFR Part 60, Subpart I. Visible emissions shall not exceed 20 percent opacity, as a 3-minute average, for the fugitive dust emissions. The drop height of the front end loader bucket shall be minimized to the extent possible in order to minimize or eliminate visible emissions of fugitive dust from the elevator loading area. The aggregate loaded into the storage bins shall have a moisture content sufficient to eliminate the visible emissions of fugitive dust from the elevator and the transfer point to the dryer.
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2. Additional Terms and Conditions

- 2.a** The 120 lbs/hr of CO, 36 lbs/hr of NOx, 26.4 lb/hr of SO2 and 12.9 lbs/hr of OC emissions limitations were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limits.
- 2.b** This emissions unit has been approved for the use of recycled asphalt products.
- 2.c** The particulate matter (PE) emission limitation specified above includes particulate matter (PM-10) emissions that are less than 10 microns in diameter.
- 2.d** All used oil burned in this emissions unit shall meet the requirements for burning off-specification used oil for energy recovery, contained in OAC rules 3745-279-60 through 3745-279-67 and shall contain less than the quantifiable levels of PCBs as defined in 40 CFR 761.3.
- 2.e** All used oil burned in this emissions unit shall meet the following limitations for PCBs, mercury, total halogens, and heat content:

Contaminant/Property	Off-Specification Used Oil Fuel Limitations
PCB's	less than 2 ppm
total halogens	4,000 ppm maximum*
mercury	1 ppm, maximum
heat content	135,000 Btu/gallon, minimum

* Used oil containing more than 1,000 ppm total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under paragraph (B)(1) of rule 3745-279-10 of the Administrative Code. The permittee may receive and burn used oil exceeding 1,000 ppm total halogens (but less than 4,000 ppm maximum) only if the permittee has demonstrated that the used oil does not contain any hazardous waste pursuant to OAC rule 3745-279-63.

The management and burning of used oil is subject to the Standards for the Management of Used Oil, OAC Chapter 3745-279, and the permittee shall document and assure that used oils burned in this emissions unit meet all of the applicable requirements of this Chapter.

B. Operational Restrictions

- 1. The maximum annual production rate for this emissions unit shall not exceed 450,000 tons, based upon a rolling 12-month summation.
- 2. The pressure drop across the baghouse shall be maintained within the range of 2 to 6 inches of water when the emissions unit is in operation.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the following information:
 - a. the total quantity of asphalt products produced each month; and
 - b. the rolling, 12-month summation of the monthly production rates.
2. The permittee shall properly, operate, and maintain equipment to monitor the pressure drop across the baghouse when 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.
3. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack and for any visible fugitive particulate emissions from the hot aggregate elevator, vibrating screens, weigh hopper, aggregate storage bins and cold aggregate elevator serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the location and color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to minimize or eliminate the abnormal visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item (d) above or continue the daily check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned frequencies for performing the visible emissions checks if operating experience indicates that less frequent visible emissions checks would be sufficient to ensure compliance with the above-mentioned applicable requirements.

4. The permittee shall receive and maintain the chemical analyses from the supplier/marketer for each shipment of used oil burned in this emissions unit, which shall contain the following information:
 - a. the date the used oil was received at the facility;
 - b. the name, address, and U.S. EPA identification number of the generator, transporter, processor/re-finer, supplier, and/or marketer;
 - c. the results of the analyses demonstrating that the used oil meets the heating value total halogens, mercury, and PCB limitations contained in this permit; and
 - d. the analysis demonstrating that the used oil is below 1,000 ppm, or below 4,000 ppm with the demonstration for the rebuttal of the presumption that the oil is hazardous waste or has been mixed with hazardous waste, as described in OAC rule 3745-279-63 (B).

Each analysis shall be kept in a readily accessible location for a period of not less than 5 years following the receipt of each shipment of used oil; and shall be made available to the Ohio EPA Division of Hazardous Waste Management and/or the Division of Air Pollution Control (the appropriate Ohio EPA District Office or local air agency) upon verbal or written request. Any authorized representative of the Ohio EPA may sample or require sampling of any used oil shipments received, stored, or burned by/at this facility for periodic detailed chemical analyses, through an independent laboratory.

D. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports to the Director (the appropriate Do or LAA) which identify all exceedances of the rolling, 12-month production rate limitation.
2. The permittee shall submit pressure drop quarterly deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above.
3. The permittee shall submit quarterly deviation (excursion) reports that (a) identify all days during which any visible particulate emissions were observed in excess of the allowable opacity limit specified above from the stack serving this emissions unit, (b) identify all days during which any visible fugitive particulate emissions were observed in excess of the allowable opacity limit specified above from the hot aggregate elevator, vibrating screens,

weigh hopper, aggregate storage bins and cold aggregate elevator serving this emissions unit, and (c) describe any corrective actions taken to minimize the abnormal visible particulate and/or visible fugitive particulate emissions.

4. These quarterly deviation (excursion) reports shall be submitted to the Director (appropriate DO or LAA) by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarter. If no deviations occurred during the calendar quarter, the permittee shall submit a report which states that no deviations occurred during the calendar quarter.
5. The permittee shall submit annual reports of the production rate and the total PM, OC, NO_x, SO₂ and CO emissions for this emissions units. These reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data from this emissions unit in the annual Fee Emission Report.
6. The permittee shall notify the U.S. EPA and both the Ohio EPA Division of Hazardous Waste Management and the Division of Air Pollution Control (the appropriate Ohio EPA District Office or local air agency), in writing and within 30 days, of burning any used oil exceeding the limitations found in OAC rule 3745-279-11 prior to obtaining a U.S. EPA identification number; and/or any incident or occurrence of non-compliance with any applicable requirement of OAC Chapter 3745-279 and/or 40 CFR part 761; and shall also notify the Ohio EPA Division of Air Pollution Control, within the same amount of time, if any oil is/was burned which exceeds the PCBs, total halogens, and/or mercury limitations and/or is documented as having a heating value of less than 135,000 Btu/gallon.
7. The permittee shall notify both the Ohio EPA Division of Hazardous Waste Management and the Division of Air Pollution Control (the appropriate Ohio EPA District Office or local air agency), in writing and within 30 days, of any occurrence of non-compliance with the requirements set forth in OAC rules 3745-279-60 through 67, which includes the storage and tracking of the used oil.

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-
PE emissions shall not exceed 0.04 gr/dscf;
CO emissions when burning off-spec used oil or #2 fuel oil shall not exceed 120 lbs/hr;
NO_x emissions when burning off-spec used oil or #2 fuel oil shall not exceed 36 lbs/hr, SO₂ emissions when burning off-spec used oil or #2 fuel oil shall not exceed 26.4 lbs/hr,
OC emissions when burning off-spec used oil or #2 fuel oil shall not exceed 12.9 lbs/hr.

Applicable Compliance Method-

If required, the permittee shall conduct, or have conducted, emission testing for this emissions unit in order to demonstrate compliance with the allowable mass emission rate for PM, CO, NO_x, OC and SO₂.

The following test method(s) shall be employed to demonstrate compliance with the allowable emission rate(s) for:

PM, USEPA Reference Methods 1-5, of 40 CFR Part 60, Appendix A.

CO, USEPA Reference Methods 1-4 and 10 of 40 CFR Part 60, Appendix A.

NO_x, USEPA Reference Methods 1-4 and 7 or 7A of 40 CFR Part 60, Appendix A.

OC, USEPA Reference Methods 1-4 and 18 and/or 25 of 40 CFR Part 60, Appendix A.

SO₂, USEPA Reference Methods 1-4 and 6 or 6C of 40 CFR Part 60, Appendix A.

The test shall be conducted while the emissions unit is operating at or near maximum capacity and burning #2 or off spec used oil for PM, CO, NO_x, OC and SO₂ and employing RAP to verify VOC emissions, unless otherwise specified or approved by the Ohio EPA District Office or local air agency.

Not later than 60 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and dates(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).

Personnel from the Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment and acquire data and information regarding the emissions unit operating parameters.

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

- b. Emission Limitation -
1.24 tons/yr PE

Applicable Compliance Method -

Compliance shall be determined by multiplying each 12-month production summation by the site specific emission factor determined by the most recent emissions testing and dividing by 2,000 pounds per ton. The particulate emissions limit, 1.24 TPY, was determined by multiplying the maximum production rate, 450,000 tons, by the emissions factor from the most recent stack test and dividing by 2,000 pounds per ton.

- c. Emissions Limitation-
90 tons/yr of CO, on a 12-month rolling basis.

Applicable Compliance Method-

Compliance shall be determined by multiplying each 12-months production summation by the emission factor of 0.40 lb CO/ton, as specified in USEPA reference document AP-42, 11.1-5 (03/04), and dividing by 2,000 pounds per ton.

- d. Emissions Limitation-
27 tons/yr of NOx, on a 12-month rolling basis.

Applicable Compliance Method-

Compliance shall be determined by multiplying each 12-months production summation by the emission factor of 0.12 lb NOx/ton, as specified in USEPA reference document AP-42, 11.1-5 (03/04), and dividing by 2,000 pounds per ton.

- e. Emissions Limitation-
19.8 ton/yr of SO2, on a 12-month rolling basis.

Applicable Compliance Method-

Compliance shall be determined by multiplying each 12-months production summation by the emission factor of 0.088 lb SO2/ton, as specified in USEPA reference document AP-42, 11.1-5 (03/04), and dividing by 2,000 pounds per ton.

- f. Emissions Limitation-
9.68 tons/yr of OC

Applicable Compliance Method-

Compliance shall be determined by multiplying each 12-months production summation by the emission factor of 0.043 lb OC/ton, as specified in USEPA reference document AP-42, 11.1-6 (03/04), and dividing by 2,000 pounds per ton.

- g. Emissions Limitation-
20 percent opacity as a 6-minute average, from the stack

Applicable Compliance Method-

Compliance shall be determined through visible emission evaluations performed

using the methods and procedures specified in Reference Method 9 of 40 CFR Part 60, Appendix A, and 40 CFR 60.675(c).

- h. Emission Limitation-
20 percent opacity as a 3-minute average, from fugitives

Applicable Compliance Method-
Compliance shall be determined through visible emission evaluations performed using the methods and procedures specified in Reference Method 9 of 40 CFR Part 60, Appendix A, and 40 CFR 60.675(c).

F. Miscellaneous Requirements

- 1. All the terms and conditions of this permit are federally enforceable.