



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: January 24, 2018

Effective Date: February 1, 2018

Expiration Date: January 31, 2023

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated.

State Only Permit No: 44-05014

Synthetic Minor

Federal Tax Id - Plant Code: 25-1150293-7

Owner Information

Name: GLENN O HAWBAKER INC

Mailing Address: 711 E COLLEGE AVE

PLEASANT GAP, PA 16823-6854

Plant Information

Plant: GLENN O HAWBAKER/HOSTETLER QUARRY-ASPHALT

Location: 44 Mifflin County

44903 Armagh Township

SIC Code: 1422 Mining - Crushed And Broken Limestone

Responsible Official

Name: D MICHAEL HAWBAKER

Title: SEC

Phone: (814) 359 - 5052

Permit Contact Person

Name: JAMES F KERSCHNER

Title: ENVIRONMENTAL MGR

Phone: (814) 231 - 6498

[Signature] _____

WILLIAMR. WEAVER, SOUTH CENTRAL REGION AIR PROGRAM MANAGER

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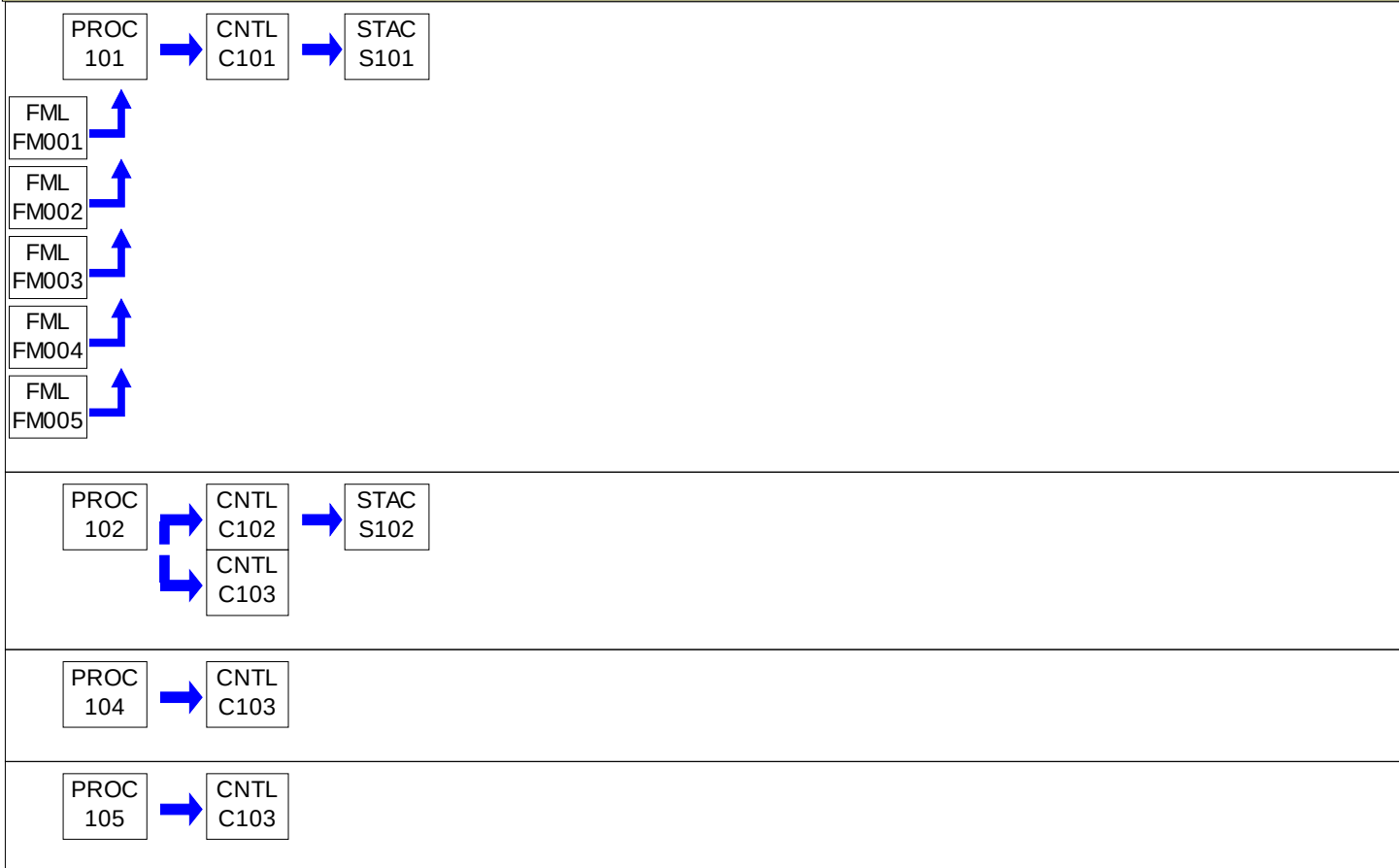
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
101	PORTABLE DRUM MIX ASPHALT PLT	325.000 Tons/HR	ASPHALT
102	STONE CRUSHING PLANT	800.000 Tons/HR	LIMESTONE
104	NORDBERG CRUSHING PLANT	440.000 Tons/HR	LIMESTONE
105	KOLBERG CRUSHING PLANT	400.000 Tons/HR	LIMESTONE
C101	ASPHALT PLANT FABRIC FILTER		
C102	CRUSHING PLANT FABRIC FILTER		
C103	WET SUPPRESSION SYSTEM		
FM001	NO. 2 FUEL OIL		
FM002	NO. 5 FUEL OIL		
FM003	NO. 6 FUEL OIL		
FM004	WASTE OIL FUEL		
FM005	RECYCLED ASPHALT PRODUCT/SHINGLES		
S101	C101 FABRIC FILTER STACK		
S102	C102 FABRIC FILTER STACK		

PERMIT MAPS



SECTION B. General State Only Requirements

#001 [25 Pa. Code § 121.1]

Definitions.

Words and terms that are not otherwise defined in this permit shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and in 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.446]

Operating Permit Duration.

- (a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.
- (b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

#003 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446 & 127.703(b)&(c)]

Permit Renewal.

- (a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.
- (b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.
- (c) The permittee shall submit with the renewal application a fee for the processing of the application and an additional annual administrative fee as specified in 25 Pa. Code § 127.703(b) and (c). The fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund" and shall be for the amount specified in the following schedule specified in 25 Pa. Code § 127.703(b) and (c).
 - (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
 - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.
- (d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.
- (e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).
- (f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

#004 [25 Pa. Code § 127.703]

Operating Permit Fees under Subchapter I.

- (a) The permittee shall pay fees according to the following schedule specified in 25 Pa. Code § 127.703(b):
 - (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
 - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.

This fee schedule shall apply to the processing of an application for an operating permit as well as the extension,

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modification, revision, renewal, and re-issuance of each operating permit or part thereof.

(b) The permittee shall pay an annual operating permit administrative fee according to the fee schedule established in 25 Pa. Code § 127.703(c).

(1) Two hundred fifty dollars for applications filed during the 1995-1999 calendar years.

(2) Three hundred dollars for applications filed during the 2000-2004 calendar years.

(3) Three hundred seventy-five dollars for applications filed during the years beginning in 2005.

(c) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund".

#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]

Transfer of Operating Permits.

(a) This operating permit may not be transferred to another person, except in cases of transfer-of-ownership that are documented and approved by the Department.

(b) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership of the source shall be treated as an administrative amendment if the Department determines that no other change in the permit is required and a written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee and a compliance review form has been submitted to, and the permit transfer has been approved by, the Department.

(c) This operating permit is valid only for those specific sources and the specific source locations described in this permit.

#006 [25 Pa. Code § 127.441 and 35 P.S. § 4008]

Inspection and Entry.

(a) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Department or authorized representatives of the Department to perform the following:

(1) Enter at reasonable times upon the permittee's premises where a source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;

(2) Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, any facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;

(4) Sample or monitor, at reasonable times, any substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.

(c) Nothing in this permit condition shall limit the ability of the EPA to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#007 [25 Pa. Code §§ 127.441 & 127.444]

Compliance Requirements.

(a) The permittee shall comply with the conditions of this operating permit. Noncompliance with this permit constitutes

SECTION B. General State Only Requirements

a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one or more of the following:

- (1) Enforcement action
- (2) Permit termination, revocation and reissuance or modification
- (3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source which is subject to 25 Pa. Code Article III unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued for the source is operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this State-Only permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

#008 [25 Pa. Code § 127.441]

Need to Halt or Reduce Activity Not a Defense.

It shall not be a defense for the permittee in an enforcement action that it was necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

#009 [25 Pa. Code §§ 127.442(a) & 127.461]

Duty to Provide Information.

(a) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of each source at the facility.

(b) The permittee shall furnish to the Department, in writing, information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to maintain in accordance with this permit.

#010 [25 Pa. Code § 127.461]

Revising an Operating Permit for Cause.

This operating permit may be terminated, modified, suspended or revoked and reissued if one or more of the following applies:

- (1) The permittee constructs or operates the source subject to the operating permit so that it is in violation of the Air Pollution Control Act, the Clean Air Act, the regulations thereunder, a plan approval, a permit or in a manner that causes air pollution.
- (2) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.
- (3) The permittee has failed to submit a report required by the operating permit or an applicable regulation.
- (4) The EPA determines that the permit is not in compliance with the Clean Air Act or the regulations thereunder.

#011 [25 Pa. Code §§ 127.450 & 127.462]

Operating Permit Modifications

- (a) The permittee is authorized to make administrative amendments, minor operating permit modifications and

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significant operating permit modifications, under this permit, as outlined below:

(b) Administrative Amendments. The permittee shall make administrative operating permit amendments (as defined in 25 Pa. Code § 127.450(a)), according to procedures specified in § 127.450 unless precluded by the Clean Air Act or its regulations.

(c) Minor Operating Permit Modifications. The permittee shall make minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Permit modifications which do not qualify as minor permit modifications under 25 Pa. Code § 127.541 will be treated as a significant operating permit revision subject to the public notification procedures in §§ 127.424 and 127.425.

#012 [25 Pa. Code § 127.441]

Severability Clause.

The provisions of this permit are severable, and if any provision of this permit is determined by a court of competent jurisdiction to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

#013 [25 Pa. Code § 127.449]

De Minimis Emission Increases.

(a) This permit authorizes de minimis emission increases in accordance with 25 Pa. Code § 127.449 so long as the permittee provides the Department with seven (7) days prior written notice before commencing any de minimis emissions increase. The written notice shall:

(1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.

(2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

(b) The Department may disapprove or condition de minimis emission increases at any time.

(c) Except as provided below in (d), the permittee is authorized to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:

(1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.

(2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

(3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.

(4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(6) Other sources and classes of sources determined to be of minor significance by the Department.

(d) In accordance with § 127.14, the permittee is authorized to install the following minor sources without the need for a plan approval or permit modification:

SECTION B. General State Only Requirements

- (1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.
 - (2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.
 - (3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.
 - (4) Space heaters which heat by direct heat transfer.
 - (5) Laboratory equipment used exclusively for chemical or physical analysis.
 - (6) Other sources and classes of sources determined to be of minor significance by the Department.
- (e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:
- (1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.
 - (2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.
 - (3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.
- (f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.
- (g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.
- (h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

#014 [25 Pa. Code § 127.3]

Operational Flexibility.

The permittee is authorized to make changes within the facility in accordance with the regulatory provisions outlined in 25 Pa. Code § 127.3 (relating to operational flexibility) to implement the operational flexibility requirements provisions authorized under Section 6.1(i) of the Air Pollution Control Act and the operational flexibility terms and conditions of this permit. The provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements include the following:

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)

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(6) Section 127.462 (relating to minor operating permit modifications)

(7) Subchapter H (relating to general plan approvals and general operating permits)

#015 [25 Pa. Code § 127.11]

Reactivation

(a) The permittee may not reactivate a source that has been out of operation or production for at least one year unless the reactivation is conducted in accordance with a plan approval granted by the Department or in accordance with reactivation and maintenance plans developed and approved by the Department in accordance with 25 Pa. Code § 127.11a(a).

(b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

#016 [25 Pa. Code § 127.36]

Health Risk-based Emission Standards and Operating Practice Requirements.

(a) When needed to protect public health, welfare and the environment from emissions of hazardous air pollutants from new and existing sources, the permittee shall comply with the health risk-based emission standards or operating practice requirements imposed by the Department, except as precluded by §§ 6.6(d)(2) and (3) of the Air Pollution Control Act [35 P.S. § 4006.6(d)(2) and (3)].

(b) A person challenging a performance or emission standard established by the Department has the burden to demonstrate that performance or emission standard does not meet the requirements of Section 112 of the Clean Air Act.

#017 [25 Pa. Code § 121.9]

Circumvention.

No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#018 [25 Pa. Code §§ 127.402(d) & 127.442]

Reporting Requirements.

(a) The permittee shall comply with the applicable reporting requirements of the Clean Air Act, the regulations thereunder, the Air Pollution Control Act and 25 Pa. Code Article III including Chapters 127, 135 and 139.

(b) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of any air contamination source.

(c) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given in the permit transmittal letter, or otherwise notified)

(d) Any records or information including applications, forms, or reports submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy and completeness. The certifications submitted under this permit shall require a responsible official of the facility to certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate and complete.

(e) Any records, reports or information submitted to the Department shall be available to the public except for such

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records, reports or information which meet the confidentiality requirements of § 4013.2 of the Air Pollution Control Act and §§ 112(d) and 114(c) of the Clean Air Act. The permittee may not request a claim of confidentiality for any emissions data generated for the facility.

#019 [25 Pa. Code §§ 127.441(c) & 135.5]

Sampling, Testing and Monitoring Procedures.

(a) The permittee shall comply with the monitoring, recordkeeping or reporting requirements of 25 Pa. Code Chapter 139 and the other applicable requirements of 25 Pa. Code Article III and additional requirements related to monitoring, reporting and recordkeeping required by the Clean Air Act and the regulations thereunder including the Compliance Assurance Monitoring requirements of 40 CFR Part 64, where applicable.

(b) Unless alternative methodology is required by the Clean Air Act and regulations adopted thereunder, sampling, testing and monitoring required by or used by the permittee to demonstrate compliance with any applicable regulation or permit condition shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139.

#020 [25 Pa. Code §§ 127.441(c) and 135.5]

Recordkeeping.

(a) The permittee shall maintain and make available, upon request by the Department, the following records of monitored information:

- (1) The date, place (as defined in the permit) and time of sampling or measurements.
- (2) The dates the analyses were performed.
- (3) The company or entity that performed the analyses.
- (4) The analytical techniques or methods used.
- (5) The results of the analyses.
- (6) The operating conditions as existing at the time of sampling or measurement.

(b) The permittee shall retain records of any required monitoring data and supporting information for at least five (5) years from the date of the monitoring, sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

#021 [25 Pa. Code § 127.441(a)]

Property Rights.

This permit does not convey any property rights of any sort, or any exclusive privileges.

#022 [25 Pa. Code § 127.447]

Alternative Operating Scenarios.

The permittee is authorized to make changes at the facility to implement alternative operating scenarios identified in this permit in accordance with 25 Pa. Code § 127.447.

SECTION C. Site Level Requirements

I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

No person shall permit the emission into the outdoor atmosphere of any fugitive air contaminant from a source other than the following:

- (a) Construction or demolition of buildings or structures.
- (b) Grading, paving and maintenance of roads and streets.
- (c) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (d) Clearing of land.
- (e) Stockpiling of materials.
- (f) Open burning operations.
- (g) Sources and classes of sources other than those identified above, for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (1) the emissions are of minor significance with respect to causing air pollution;
 - (2) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air standard.

002 [25 Pa. Code §123.2]

Fugitive particulate matter

No person shall permit the emission of particulate matter into the outdoor atmosphere from a source specified in Section C, Condition # 001 if the emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.31]

Limitations

No person shall permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

004 [25 Pa. Code §123.41]

Limitations

No person shall permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour.
- (2) Equal to or greater than 60 % at any time.

005 [25 Pa. Code §123.42]

Exceptions

The emission limitations of Section 123.41 shall not apply when:

- (1) The presence of uncombined water vapor is the only reason for failure of the emission to meet the limitations;
- (2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions;
- (3) The emission results from sources specified in Section C, Condition # 001 (relating to prohibition of certain fugitive emissions).

SECTION C. Site Level Requirements

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall limit the facility's total actual emissions below the following levels to maintain the facility's synthetic minor status:

- (a) 100 tons/year of sulfur oxides
- (b) 100 tons/year of nitrogen oxides
- (c) 100 tons/year of carbon monoxide
- (d) 100 tons/year of PM-10 (particulate matter with an effective aerodynamic diameter of less than or equal to a nominal 10 micrometer body as measured by the applicable reference method or an equal method)
- (e) 100 tons/year of PM-25 (particulate matter with an effective aerodynamic diameter of less than or equal to a nominal 25 micrometer body as measured by the applicable reference method or an equal method)
- (f) 50 tons/year of volatile organic compounds
- (g) 10 tons/year of any individual hazardous air pollutant
- (h) 25 tons/year of total combined hazardous air pollutants

The above emission limits are based upon a 12-month rolling average and apply to each consecutive 12-month period. Compliance verification requires emissions to be calculated for each month and each consecutive 12-month period. Calculation records shall be maintained on-site for the most recent five-year period and made available to Department representatives upon request.

007 [25 Pa. Code §129.14]

Open burning operations

- (a) No person shall conduct the open burning of materials in such a manner that:
 - (1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted.
 - (2) Malodorous air contaminants from the open burning are detectable outside the property of the person on whose land the open burning is being conducted.
 - (3) The emissions interfere with the reasonable enjoyment of life and property.
 - (4) The emissions cause damage to vegetation or property.
 - (5) The emissions are or may be deleterious to human or animal health.
- (b) The requirements of Section (a), above, do not apply when the open burning operations result from:
 - (1) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.
 - (2) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.

II. TESTING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Department reserves the right to require exhaust stack testing of the sources and control devices referenced in this

SECTION C. Site Level Requirements

permit to measure emissions for purposes including verification of permit condition compliance and estimation of annual air emissions.

009 [25 Pa. Code §139.1]

Sampling facilities.

Upon the request of the Department, the permittee shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on such sources. In the request, the Department will set forth the time period in which the facilities shall be provided, as well as the specifications for the facilities.

III. MONITORING REQUIREMENTS.

010 [25 Pa. Code §123.43]

Measuring techniques

Visible emissions (referenced in Section C, Conditions # 004, # 005 and # 011) may be measured using either of the following:

- (1) A device approved by the Department and maintained to provide accurate opacity measurements.
- (2) Observers, trained and certified in EPA Method 9, to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall conduct a weekly inspection around the plant periphery during daylight hours when the plant is in production to detect visible stack emissions, visible emissions leaving the premises and odorous air emissions as follows:

- (a) Stack emissions in excess of the limits stated in Section C, Condition # 004. Visible stack emissions may be measured according to the methods specified in Section C, Condition # 010, or alternatively, plant personnel who observe visible stack emissions may report the incidence of visible stack emissions to the Department within two (2) hours of the incident and make arrangements for a certified observer to measure the visible stack emissions.
- (b) The presence of visible emissions beyond the plant boundaries as stated in Section C, Condition # 002.
- (c) The presence of odorous air emissions beyond the plant boundaries as stated in Section C, Condition # 003.

IV. RECORDKEEPING REQUIREMENTS.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain a record of each weekly inspection conducted in accordance with Section C, Condition # 011. At a minimum, these records shall include the following information:

- (1) The name of the company representative conducting each inspection.
- (2) The date and time of each inspection.
- (3) The wind direction during each inspection.
- (4) A description of any emissions and/or malodors observed and the actions taken to mitigate them.

The permittee shall maintain these records for a minimum of five years and shall make them available to Department representatives upon request.

SECTION C. Site Level Requirements

V. REPORTING REQUIREMENTS.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 135.3]

The permittee shall submit an annual report to the Altoona District Supervisor that includes the following:

- (a) monthly fuel consumption for each type of fuel oil
- (b) monthly asphalt production
- (c) annual emissions of each of the pollutants listed in Section C, Condition # 006

The report for each January 1st through December 31st period is due no later than March 1st of the following year for each year authorized by the operating permit or its renewal.

The permittee may request an extension of time from the Department for the filing of the annual report specified above and the Department may grant the extension for reasonable cause.

014 [25 Pa. Code §127.442]

Reporting requirements.

The permittee shall report malfunctions which occur at the facility to the Department. A malfunction is defined as any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions. Malfunctions shall be reported as follows:

- (a) Malfunctions which occur at the facility and which pose an imminent danger to public health, safety, welfare and the environment, shall be immediately reported to the Department by telephone. The telephone report of such malfunctions shall occur no later than two hours after the incident. Telephone reports can be made to the Air Quality Program at (814) 946-7290 during normal business hours, or to the Department's Emergency Hotline at (866) 825-0208 at any time. The permittee shall submit a written report of instances of such malfunctions to the Department, in writing, within three (3) days of the telephone report.
- (b) Unless otherwise required by this permit, any other malfunction that is not subject to the reporting requirements of Condition #011 Section C, shall be reported to the Department, in writing, within five (5) days of discovery of the malfunction.

VI. WORK PRACTICE REQUIREMENTS.

015 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

The permittee shall take all reasonable actions to prevent particulate matter from the sources identified in Section C, Condition # 001 (a) through (e) from becoming airborne. The actions shall include, but are not limited to, the following:

- (1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads or the clearing of land.
- (2) Application of asphalt, oil, water or suitable chemicals on dirt roads, materials stockpiles and other surfaces which may give rise to airborne dusts.
- (3) Paving and maintenance of roadways.
- (4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

016 [25 Pa. Code §127.444]

Compliance requirements.

The permittee shall operate and maintain the emission sources and air cleaning devices referenced in this permit in accordance with the manufacturer's general recommendations and good air pollution control practices.

SECTION C. Site Level Requirements**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

SECTION D. Source Level Requirements

Source ID: 101

Source Name: PORTABLE DRUM MIX ASPHALT PLT

Source Capacity/Throughput: 325.000 Tons/HR ASPHALT

Conditions for this source occur in the following groups: NSPS SUBPART I



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.21]

General

Sulfur oxides emissions, expressed as sulfur dioxide, in the effluent gas from the Source ID 101 asphalt plant shall not exceed a concentration of 500 parts per million, by volume, dry basis.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Particulate matter emissions from the Source ID C101 fabric filter shall not exceed 0.02 grains per dry standard cubic foot of exhaust gas.

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The sulfur content of the No. 2 fuel oil used by Source ID 101 asphalt plant shall not exceed 0.5% by weight as fired.

The sulfur content of the No. 5 fuel oil used by the Source ID 101 asphalt plant shall not exceed 2.0% by weight as fired.

The sulfur content of all No. 6, reprocessed, reclaimed or waste fuel oils used by the Source ID 101 asphalt plant shall not exceed 2.8% by weight as fired.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

1. Contaminant Limits: The permittee shall not accept at the facility any waste derived liquid fuel (WDLF) which is represented by the oil supplier as failing to meet the following standards, or for which the facility does not have documentation from the waste oil supplier regarding the following standards:

Constituent/Property	Limitation Level	Analytical Technique*
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SECTION D. Source Level Requirements

Arsenic	less than or equal to 5 ppmw	EPA Method 6010, 6020, 7010, 7061 or 7062
Cadmium	less than or equal to 2 ppmw	EPA Method 6010, 6020, 7000, or 7010
Chromium	less than or equal to 10 ppmw	EPA Method 6010, 7000, or 7010
Lead	less than or equal to 100 ppmw	EPA Method 6010, 7000, or 7010
Total Halides (TX)	less than or equal to 1,000 ppmw	EPA Method 9075, 9076, or 9077
Flash Point	greater than or equal to 100 °F	EPA Method 1010 or ASTM D93
PCB	not detectable**	EPA Method 8082
Btu	greater than or equal to 8,000 Btu/lb	
Ash	less than or equal to 1.0% (by weight)	ASTM D482

* Alternative methods may be used when approved in writing by the Department.

** PCBs shall not be present in a quantifiable level, defined in 40 CFR 761.1 as 2 micrograms per gram from any resolvable gas chromatographic peak, i.e. 2 mg/kg.

2. The owner or operator may not blend WDLF into existing fuel or burn WDLF by itself unless an analysis has been performed for the specified constituents and a copy of the analysis is available demonstrating that none of the levels cited in Condition 1, above, are exceeded before it is fired as fuel for the dryer. For each shipment of WDLF, a fuel specification sheet shall be obtained from the supplier. All such documents shall be kept at the facility for a period of five (5) years and shall be made available to the Department upon request.

3. TX Screening: Prior to accepting each shipment of WDLF delivered to the facility, the permittee shall test each shipment for total halogens using EPA Reference Method 9077, or an alternate test method if approved in writing by the Department. If the test of any shipment reveals total halogens in excess of 1,000 ppmw, then the permittee shall refuse to accept the shipment. Vendor guarantee or recent test data from WDLF suppliers shall be sufficient to show compliance with this standard. The permittee shall keep records of the results of sampling required by this condition for at least five (5) years.

4. Taking and Retaining Samples: The permittee shall take and retain a sample of each shipment of WDLF that is delivered to the facility. The samples shall be retained on-site for at least one year, and shall be made available to the Department upon request. The samples are to be sealed and identified with the identity of the oil supplier, the date of delivery, the delivery invoice number and the total gallons of WDLF in the shipment.

5. Auditing for WDLF: For at least one (1) out of every fifteen (15) shipments of WDLF received at the facility, the permittee shall take an additional sample for the purpose of conducting a complete analysis for all the constituents/properties listed in Condition 1, above. The permittee shall use test methods specified in condition 1, unless an alternate test method has been approved in writing by the Department. Aside from any sample taken from a shipment of WDLF received at the facility, the permittee need not store such additionally sampled fuel separately nor delay its use. If the analysis results on such fuel are not received within fifteen (15) days of the date of delivery of the relevant shipment, the permittee shall cease using the WDLF from the tank(s) in which the relevant shipment was placed until compliance with the limits are verified in the laboratory results. This auditing provision should not be interpreted, in any event, to allow the owner or operator to accept knowingly or use fuel not meeting permit specifications, or to accept or use fuel for which the facility does not have documentation from the waste oil supplier regarding compliance with permit specifications. If the analysis results show exceedences of any of the limits listed in Condition 1, above, then the permittee shall cease using the WDLF from the tank(s) in which the relevant shipment was placed, and shall not resume using oil from the tank(s) until either:

A. The Department has granted written approval to resume use of the WDLF based on an alternate demonstration of acceptability of the WDLF in the tank(s) for use as fuel at the facility, or

B. The WDLF remaining in the tank(s) has been re-sampled and

i. If the re-sample meets the limits in Condition 1, the Department has granted written permission to resume using the WDLF, or

ii. If the re-sample fails to meet the limits in Condition 1, the Department has granted written permission to resume using the tank(s) after the permittee has emptied the WDLF from the tank(s) and has made proper disposal arrangements and the tank has been refilled with WDLF that meets the limits in Condition 1.

SECTION D. Source Level Requirements

The permittee shall cease using the WDLF from such tank(s) not later than two (2) hours after making the original determination, or having had reasonable opportunity to make the determination that off-specification WDLF was placed in the tanks.

Upon successful demonstration for each supplier of their accuracy in ensuring delivery of eight (8) consecutive samples of on-specification WDLF that comply with properties listed in Condition 1, the auditing frequency of shipments may be decreased by the Department. The auditing frequencies shall be determined for each individual supplier on a case-by-case basis depending on recorded compliance history and margin of compliance. The records of sample analysis results shall be kept at the facility for a period of three (3) years and shall be made available to the Department upon request.

6. Department Sampling: The Department reserves the right to random sample any alternative fuels to check if they meet the specifications. If the analysis results from any random tank sampling conducted by the Department show exceedences of any of the limits listed in Condition 1, above, then the permittee shall cease using WDLF from the affected tank(s) and shall not resume using oil from the tank(s) until either

A. The Department has granted written approval to resume use of the WDLF based on an alternate demonstration of compliance for the original sample, or

B. The Department has granted written permission to resume placing WDLF in the tank(s) after the permittee has emptied the off-specification WDLF from the tank(s) and has made proper disposal arrangements.

The permittee shall cease using the oil from such tank(s) not later than 2 hours after receiving notification from the Department of the exceedence.

7. Limitations: This permit shall not be construed to authorize the permittee to transport, treat, process or refine waste oil, or to blend off-specification waste oil with other oil for the purpose of producing an on-specification mixture.

Throughput Restriction(s).

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Recycled asphalt products (RAP) usage in the Source ID 101 asphalt plant shall not exceed 25% by weight of the aggregate feed.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of monthly recycled asphalt shingle material delivered to the site. These records shall be maintained on-site for the most recent five-year period and made available to Department representatives upon request.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

SECTION D. Source Level Requirements

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

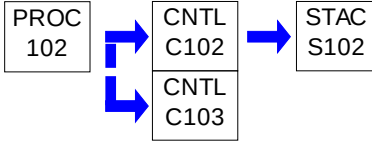
SECTION D. Source Level Requirements

Source ID: 102

Source Name: STONE CRUSHING PLANT

Source Capacity/Throughput: 800.000 Tons/HR LIMESTONE

Conditions for this source occur in the following groups: NSPS SUBPART 000



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Particulate matter emissions from the Source ID C102 fabric filter shall not exceed 0.02 grains per dry standard cubic foot of exhaust.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

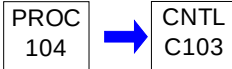
**SECTION D. Source Level Requirements**

Source ID: 104

Source Name: NORDBERG CRUSHING PLANT

Source Capacity/Throughput: 440.000 Tons/HR LIMESTONE

Conditions for this source occur in the following groups: NSPS SUBPART 000

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The nonroad engine included in the Source ID 104 Nordberg crushing plant shall comply with the emissions standards established in 40 CFR Part 89.

[The above requirement was previously established in the source's BAQ-PGPA/GP-11 general plan approval/operating permit]

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

All records required by this operating permit shall be maintained on-site for the most recent five-year period and made available to Department representatives upon request. The Department reserves the right to expand the list of these records as it may reasonably prescribe pursuant to the provisions of Section 4 of the Pennsylvania Air Pollution Control Act (35 P.S. Section 4004).

[The above requirement was previously established in the source's BAQ-PGPA/GP-11 general plan approval/operating permit]

003 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall maintain accurate records of the number of hours per month that the nonroad engine included in the Source ID 104 Nordberg crushing plant operates using a non-resettable hour meter and the amount of fuel used.

[The above requirement was previously established in the source's BAQ-PGPA/GP-11 general plan approval/operating permit]

004 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall maintain records of all dates and places in which the nonroad engine included in the Source ID 104 Nordberg crushing plant is relocated.

SECTION D. Source Level Requirements

[The above requirement was previously established in the source's BAQ-PGPA/GP-11 general plan approval/operating permit]

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep on hand such equipment and materials as are necessary to take reasonable action (including, but not limited to the application of water, oil or chemicals) to prevent fugitive particulate matter resulting from the use of any roadways and/or material stockpiling operations associated with the Source ID 104 Nordberg crushing plant from becoming airborne and shall be used, as necessary, to prevent such fugitive particulate matter from becoming airborne.

[The above requirement was previously established in the source's BAQ-PGPA/GP-3 general plan approval/operating permit]

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The water spray dust suppression system included in the Source ID 104 Nordberg crushing plant shall be operated on any and all occasions that the plant is operated. Plant operation without simultaneous operation of the water spray dust suppression system can take place only in those unusual instances where processed materials contain sufficient moisture so as not create air contaminant emissions in excess of the limitations and standards of the BAQ-PGPA/GP-3 general plan approval/operating permit. If however, the water spray dust suppression system is incapable of operation due to weather conditions or any other reason, the permittee may not operate the system. A pressure gauge shall be maintained to indicate normal operation of the dust suppression system.

[The above requirement was previously established in the source's BAQ-PGPA/GP-3 general plan approval/operating permit]

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Pursuant to 40 CFR 89.110, the nonroad engine included in the Source ID 104 Nordberg crushing plant shall have affixed a permanent and legible label containing the following information written in English:

- The heading "Imported Engine Information"
- The full corporate name and trademark of the manufacturer
- EPA standardized engine family designation
- Engine displacement
- Advertised power
- Engine tune-up specifications and adjustments
- Fuel requirements
- Date of manufacture (month and year)
- Unique engine identification number

[The above requirement was previously established in the source's BAQ-PGPA/GP-11 general plan approval/operating permit]

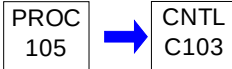
SECTION D. Source Level Requirements

Source ID: 105

Source Name: KOLBERG CRUSHING PLANT

Source Capacity/Throughput: 400.000 Tons/HR LIMESTONE

Conditions for this source occur in the following groups: NSPS SUBPART 000

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The nonroad engine included in the Source ID 105 Kolberg crushing plant shall comply with the emissions standards established in 40 CFR Part 89.

[The above requirement was previously established in the source's BAQ-PGPA/GP-11 general plan approval/operating permit]

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain accurate records of the number of hours per month that the nonroad engine included in the Source ID 105 Kolberg crushing plant operates using a non-resettable hour meter and the amount of fuel used.

[The above requirement was previously established in the source's BAQ-PGPA/GP-11 general plan approval/operating permit]

003 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall maintain records of all dates and places in which the nonroad engine included in the Source ID 105 Kolberg crushing plant is relocated.

[The above requirement was previously established in the source's BAQ-PGPA/GP-11 general plan approval/operating permit]

004 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

All records required by this operating permit shall be maintained on-site for the most recent five-year period and made available to Department representatives upon request. The Department reserves the right to expand the list of these records as it may reasonably prescribe pursuant to the provisions of Section 4 of the Pennsylvania Air Pollution Control Act (35 P.S. Section 4004).

SECTION D. Source Level Requirements

[The above requirement was previously established in the source's BAQ-PGPA/GP-11 general plan approval/operating permit]

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The water spray dust suppression system included in the Source ID 105 Kolberg crushing plant shall be operated on any and all occasions that the plant is operated. Plant operation without simultaneous operation of the water spray dust suppression system can take place only in those unusual instances where processed materials contain sufficient moisture so as not create air contaminant emissions in excess of the limitations and standards of the BAQ-PGPA/GP-3 general plan approval/operating permit. If however, the water spray dust suppression system is incapable of operation due to weather conditions or any other reason, the permittee may not operate the system. A pressure gauge shall be maintained to indicate normal operation of the dust suppression system.

[The above requirement was previously established in the source's BAQ-PGPA/GP-3 general plan approval/operating permit]

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep on hand such equipment and materials as are necessary to take reasonable action (including, but not limited to the application of water, oil or chemicals) to prevent fugitive particulate matter resulting from the use of any roadways and/or material stockpiling operations associated with the Source ID 105 Kolberg crushing plant from becoming airborne and shall be used, as necessary, to prevent such fugitive particulate matter from becoming airborne.

[The above requirement was previously established in the source's BAQ-PGPA/GP-3 general plan approval/operating permit]

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Pursuant to 40 CFR 89.110, the nonroad engine included in the Source ID 105 Kolberg crushing plant shall have affixed a permanent and legible label containing the following information written in English:

- The heading "Imported Engine Information"
- The full corporate name and trademark of the manufacturer
- EPA standardized engine family designation
- Engine displacement
- Advertised power
- Engine tune-up specifications and adjustments
- Fuel requirements
- Date of manufacture (month and year)
- Unique engine identification number

[The above requirement was previously established in the source's BAQ-PGPA/GP-11 general plan approval/operating permit]

**SECTION E. Source Group Restrictions.**

Group Name: NSPS SUBPART I

Group Description: Standards of Performance for Hot Mix Asphalt Facilities

Sources included in this group

ID	Name
101	PORTABLE DRUM MIX ASPHALT PLT

I. RESTRICTIONS.**Emission Restriction(s).**

001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.92]

Subpart I - Standards of Performance for Hot Mix Asphalt Facilities

Standard for particulate matter.

[THE DEPARTMENT'S BAT OF 0.02 GR/DSCF PARTICULATE MATTER IS MORE STRINGENT AND SUPERCEDES THIS REQUIREMENT]

(a) On and after the date on which the performance test required to be conducted by 60.8 is completed, no owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any affected facility any gases which:

- (1) Contain particulate matter in excess of 90 mg/dscm (0.04 gr/dscf).
- (2) Exhibit 20 percent opacity, or greater.

II. TESTING REQUIREMENTS.

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.93]

Subpart I - Standards of Performance for Hot Mix Asphalt Facilities

Test methods and procedures.

(a) - (b) [NOT APPLICABLE - INITIAL PERFORMANCE TEST HAS BEEN COMPLETED]

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VII. ADDITIONAL REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 101 is subject to 40 CFR Part 60, Subpart I - Standards of Performance for Hot Mix Asphalt Facilities. The permittee shall comply with 40 CFR Section 60.4, which requires submission of copies of all requests, reports, applications, submittals, and other communications to both the U.S. EPA and the Department. The U.S. EPA copies shall be forwarded to:

SECTION E. Source Group Restrictions.

Director
Air Protection Division
U.S. EPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

The Department copies shall be forwarded to:

Regional Air Program Manager
PA Department of Environmental Protection
909 Elmerton Avenue
Harrisburg, PA 17110-8200

In the event that any Federal Subpart referenced in this permit is revised, the permittee shall comply with the revised version of the subpart, and shall not be required to comply with any provisions in this permit designated as having the subpart as their authority, to the extent that such permit provisions would be inconsistent with the applicable provisions of the revised subpart.

004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.90]

Subpart I - Standards of Performance for Hot Mix Asphalt Facilities

Applicability and designation of affected facility.

(a) The affected facility to which the provisions of this subpart apply is each hot mix asphalt facility. For the purpose of this subpart, a hot mix asphalt facility is comprised only of any combination of the following: dryers; systems for screening, handling, storing, and weighing hot aggregate; systems for loading, transferring, and storing mineral filler, systems for mixing hot mix asphalt; and the loading, transfer, and storage systems associated with emission control systems.

(b) Any facility under paragraph (a) of this section that commences construction or modification after June 11, 1973, is subject to the requirements of this subpart.

005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.91]

Subpart I - Standards of Performance for Hot Mix Asphalt Facilities

Definitions.

As used in this subpart, all terms not defined herein shall have the meaning given them in the Act and in Subpart A of this part.

(a) Hot mix asphalt facility means any facility, as described in 60.90, used to manufacture hot mix asphalt by heating and drying aggregate and mixing with asphalt cements.

SECTION E. Source Group Restrictions.

Group Name: NSPS SUBPART OOO

Group Description: Standards of Performance for Nonmetallic Mineral Processing Plants

Sources included in this group

ID	Name
102	STONE CRUSHING PLANT
104	NORDBERG CRUSHING PLANT
105	KOLBERG CRUSHING PLANT

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VII. ADDITIONAL REQUIREMENTS.

001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.670]

Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants

Applicability and designation of affected facility.

§ 60.670 Applicability and designation of affected facility.

(a)(1) Except as provided in paragraphs (a)(2), (b), (c), and (d) of this section, the provisions of this subpart are applicable to the following affected facilities in fixed or portable nonmetallic mineral processing plants: each crusher, grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, enclosed truck or railcar loading station. Also, crushers and grinding mills at hot mix asphalt facilities that reduce the size of nonmetallic minerals embedded in recycled asphalt pavement and subsequent affected facilities up to, but not including, the first storage silo or bin are subject to the provisions of this subpart.

(2) The provisions of this subpart do not apply to the following operations: All facilities located in underground mines; plants without crushers or grinding mills above ground; and wet material processing operations (as defined in § 60.671).

(b) [NA – NOT EXEMPT DUE TO SUBPART F/I APPLICABILITY]

(c) [LISTED EXEMPTIONS DO NOT APPLY]

(d)(1) When an existing facility is replaced by a piece of equipment of equal or smaller size, as defined in § 60.671, having

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the same function as the existing facility, and there is no increase in the amount of emissions, the new facility is exempt from the provisions of §§ 60.672, 60.674, and 60.675 except as provided for in paragraph (d)(3) of this section.

(2) An owner or operator complying with paragraph (d)(1) of this section shall submit the information required in § 60.676(a).

(3) An owner or operator replacing all existing facilities in a production line with new facilities does not qualify for the exemption described in paragraph (d)(1) of this section and must comply with the provisions of §§ 60.672, 60.674 and 60.675.

(e) An affected facility under paragraph (a) of this section that commences construction, modification, or reconstruction after August 31, 1983, is subject to the requirements of this part.

(f) Table 1 of this subpart specifies the provisions of subpart A of this part 60 that do not apply to owners and operators of affected facilities subject to this subpart or that apply with certain exceptions.

§ 60.672 Standard for particulate matter (PM).

(a) a) Affected facilities must meet the stack emission limits and compliance requirements in Table 2 of this subpart within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under § 60.8. The requirements in Table 2 of this subpart apply for affected facilities with capture systems used to capture and transport particulate matter to a control device.[NA – SOURCE IDs 104 & 105]

TABLE 2 REQUIREMENTS:

For affected facilities (as defined in §§ 60.670 and 60.671) that commenced construction, modification, or reconstruction after August 31, 1983 but before April 22, 2008, the owner or operator must meet a PM limit of 0.05 g/dscm (0.022 gr/dscf)*, and the owner or operator must meet an opacity limit of 7 percent for dry control devices**. The owner or operator must demonstrate compliance with these limits by conducting an initial performance test according to § 60.8 of this part and § 60.675 of this subpart; and monitoring of wet scrubber parameters according to § 60.674(a) and § 60.676(c), (d), and (e). [CRUSHING PLANT FABRIC FILTER, C102]

* Exceptions to the PM limit apply for individual enclosed storage bins and other equipment. See § 60.672(d) through (f).

** The stack opacity limit and associated opacity testing requirements do not apply for affected facilities using wet scrubbers.

END OF TABLE 2 REQUIREMENTS:

(b) Affected facilities must meet the fugitive emission limits and compliance requirements in Table 3 of this subpart within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under § 60.11. The requirements in Table 3 of this subpart apply for fugitive emissions from affected facilities without capture systems and for fugitive emissions escaping capture systems.

TABLE 3 REQUIREMENTS:

For affected facilities (as defined in §§ 60.670 and 60.671) that commenced construction, modification, or reconstruction after August 31, 1983 but before April 22, 2008, the owner or operator must meet the following fugitive emissions limit for grinding mills, screening operations, bucket elevators, transfer points on belt conveyors, bagging operations, storage bins, enclosed truck or railcar loading stations or from any other affected facility (as defined in §§ 60.670 and 60.671): 10 percent opacity. The owner or operator must meet the following fugitive emissions limit for crushers at which a capture system is not used: 15 percent opacity The owner or operator must demonstrate compliance with these limits by conducting An initial performance test according to § 60.11 of this part and § 60.675 of this subpart.

END OF TABLE 3 REQUIREMENTS:

(c) [Reserved]

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(d) Truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher is exempt from the requirements of this section.

(e) [NA - NO TRANSFER POINTS ENCLOSED IN BUILDING]

(f) Any baghouse that controls emissions from only an individual, enclosed storage bin is exempt from the applicable stack PM concentration limit (and associated performance testing) in Table 2 of this subpart but must meet the applicable stack opacity limit and compliance requirements in Table 2 of this subpart. This exemption from the stack PM concentration limit does not apply for multiple storage bins with combined stack emissions.[NA – SOURCE IDs 104 & 105]

§ 60.673 Reconstruction.

(a) The cost of replacement of ore-contact surfaces on processing equipment shall not be considered in calculating either the “fixed capital cost of the new components” or the “fixed capital cost that would be required to construct a comparable new facility” under § 60.15. Ore-contact surfaces are crushing surfaces; screen meshes, bars, and plates; conveyor belts; and elevator buckets.

(b) Under § 60.15, the “fixed capital cost of the new components” includes the fixed capital cost of all depreciable components (except components specified in paragraph (a) of this section) which are or will be replaced pursuant to all continuous programs of component replacement commenced within any 2-year period following August 31, 1983.

§ 60.674 Monitoring of operations.

(a) [NA - WET SCRUBBER NOT USED]

(b) [NA - SOURCES ARE PRE-4/22/08]

(c) [NA - SOURCES ARE PRE-4/22/08]

(d) [NA - SOURCES ARE PRE-4/22/08]

(e) [NA - SOURCES ARE PRE-4/22/08]

§ 60.675 Test methods and procedures.

(a) In conducting the performance tests required in § 60.8, the owner or operator shall use as reference methods and procedures the test methods in appendices A-1 through A-7 of this part or other methods and procedures as specified in this section, except as provided in § 60.8(b). Acceptable alternative methods and procedures are given in paragraph (e) of this section.

(b) The owner or operator shall determine compliance with the PM standards in § 60.672(a) as follows:

(1) Except as specified in paragraphs (e)(3) and (4) of this section, Method 5 of Appendix A-3 of this part or Method 17 of Appendix A-6 of this part shall be used to determine the particulate matter concentration. The sample volume shall be at least 1.70 dscm (60 dscf). For Method 5 (40 CFR part 60, Appendix A-3), if the gas stream being sampled is at ambient temperature, the sampling probe and filter may be operated without heaters. If the gas stream is above ambient temperature, the sampling probe and filter may be operated at a temperature high enough, but no higher than 121 °C (250 °F), to prevent water condensation on the filter.

(2) Method 9 of Appendix A-4 of this part and the procedures in § 60.11 shall be used to determine opacity.

(c)(1) In determining compliance with the particulate matter standards in § 60.672(b) or § 60.672(e)(1), the owner or operator shall use Method 9 of Appendix A-4 of this part and the procedures in § 60.11, with the following additions:

(i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).

(ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (

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e.g., road dust). The required observer position relative to the sun (Method 9 of Appendix A-4 of this part, Section 2.1) must be followed.

(iii) For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.

(2)(i) In determining compliance with the opacity of stack emissions from any baghouse that controls emissions only from an individual enclosed storage bin under § 60.672(f) of this subpart, using Method 9 (40 CFR part 60, Appendix A-4), the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations shall be 1 hour (ten 6-minute averages). [NA – SOURCE IDs 104 & 105]

(ii) The duration of the Method 9 (40 CFR part 60, Appendix A-4) observations may be reduced to the duration the affected facility operates (but not less than 30 minutes) for baghouses that control storage bins or enclosed truck or railcar loading stations that operate for less than 1 hour at a time. [NA – SOURCE IDs 104 & 105]

(3) When determining compliance with the fugitive emissions standard for any affected facility described under § 60.672(b) or § 60.672(e)(1) of this subpart, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages.

(d) [NA - NO TRANSFER POINTS ENCLOSED IN BUILDING]

(e) The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section:

(1) For the method and procedure of paragraph (c) of this section, if emissions from two or more facilities continuously interfere so that the opacity of fugitive emissions from an individual affected facility cannot be read, either of the following procedures may be used:

(i) Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emissions stream.

(ii) Separate the emissions so that the opacity of emissions from each affected facility can be read.

(2) A single visible emission observer may conduct visible emission observations for up to three fugitive, stack, or vent emission points within a 15-second interval if the following conditions are met:

(i) No more than three emission points may be read concurrently.

(ii) All three emission points must be within a 70 degree viewing sector or angle in front of the observer such that the proper sun position can be maintained for all three points.

(iii) If an opacity reading for any one of the three emission points equals or exceeds the applicable standard, then the observer must stop taking readings for the other two points and continue reading just that single point.

(3) Method 5I of Appendix A-3 of this part may be used to determine the PM concentration as an alternative to the methods specified in paragraph (b)(1) of this section. Method 5I (40 CFR part 60, Appendix A-3) may be useful for affected facilities that operate for less than 1 hour at a time such as (but not limited to) storage bins or enclosed truck or railcar loading stations.

(4) [NA - NO TRANSFER POINTS ENCLOSED IN BUILDING]

(f) [NA - WET SCRUBBER NOT USED]

(g) For performance tests involving only Method 9 (40 CFR part 60 Appendix A-4) testing, the owner or operator may reduce

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the 30-day advance notification of performance test in § 60.7(a)(6) and 60.8(d) to a 7-day advance notification.

(h) [Reserved]

(i) [NA - INITIAL PERFORMANCE TEST IS IN THE PAST]

§ 60.676 Reporting and recordkeeping.

(a) Each owner or operator seeking to comply with § 60.670(d) shall submit to the Administrator the following information about the existing facility being replaced and the replacement piece of equipment.

(1) For a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station:

(i) The rated capacity in megagrams or tons per hour of the existing facility being replaced and

(ii) The rated capacity in tons per hour of the replacement equipment.

(2) For a screening operation:

(i) The total surface area of the top screen of the existing screening operation being replaced and

(ii) The total surface area of the top screen of the replacement screening operation.

(3) For a conveyor belt:

(i) The width of the existing belt being replaced and

(ii) The width of the replacement conveyor belt.

(4) For a storage bin:

(i) The rated capacity in megagrams or tons of the existing storage bin being replaced and

(ii) The rated capacity in megagrams or tons of replacement storage bins.

(b) [NA - SOURCES ARE PRE-4/22/08]

(c) [NA - WET SCRUBBER NOT USED]

(d) [NA - WET SCRUBBER NOT USED]

(e) [NA - BECAUSE (d) DOES NOT APPLY]

(f) The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in § 60.672 of this subpart, including reports of opacity observations made using Method 9 (40 CFR part 60, Appendix A-4) to demonstrate compliance with § 60.672(b), (e) and (f).

(g) The owner or operator of any wet material processing operation that processes saturated and subsequently processes unsaturated materials, shall submit a report of this change within 30 days following such change. At the time of such change, this screening operation, bucket elevator, or belt conveyor becomes subject to the applicable opacity limit in § 60.672(b) and the emission test requirements of § 60.11.

(h) The subpart A requirement under § 60.7(a)(1) for notification of the date construction or reconstruction commenced is waived for affected facilities under this subpart.

(i) A notification of the actual date of initial startup of each affected facility shall be submitted to the Administrator.

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- (1) For a combination of affected facilities in a production line that begin actual initial startup on the same day, a single notification of startup may be submitted by the owner or operator to the Administrator. The notification shall be postmarked within 15 days after such date and shall include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available.
- (2) For portable aggregate processing plants, the notification of the actual date of initial startup shall include both the home office and the current address or location of the portable plant.
- (j) The requirements of this section remain in force until and unless the Agency, in delegating enforcement authority to a State under section 111(c) of the Act, approves reporting requirements or an alternative means of compliance surveillance adopted by such States. In that event, affected facilities within the State will be relieved of the obligation to comply with the reporting requirements of this section, provided that they comply with requirements established by the State.
- (k) Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only be sent to the EPA Region or the State which has been delegated authority according to § 60.4(b).

Regulatory Changes

Individual sources within this source group that are subject to 40 CFR Part 60 Subpart OOO shall comply with all applicable requirements of the Subpart. 40 CFR 60.4 requires submission of copies of all requests, reports and other communications to both the Department and the EPA. The EPA copies shall be forwarded to:

Director
Air Protection Division (3AP00)
U.S. EPA Region III
1650 Arch Street
Philadelphia, PA 19103-2029

The Department copies shall be forwarded to:

Regional Air Program Manager
PA Department of Environmental Protection
909 Elmerton Avenue
Harrisburg, PA 17110-8200

In the event that the Federal Subpart that is the subject of this Source Group is revised, the permittee shall comply with the revised version of the subpart, and shall not be required to comply with any provisions in this permit designated as having the subpart as their authority, to the extent that such permit provisions would be inconsistent with the applicable provisions of the revised subpart.



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.



SECTION G. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.

SECTION H. Miscellaneous.

The Source ID 101 asphalt plant includes the following:

Cold aggregate feed system
Recycled asphalt products (RAP) processing system
7' X 24' drum mixer and burner
Asphalt cement tank with heating system
Storage bins, screens and conveyors
Fabric filter emissions control system

The Source ID 102 crushing plant includes the following:

Vibrating feeder (mfg. 2003)
Primary crusher (mfg. 1999)
Secondary crusher (mfg. 1991)
Screens, stackers, bins and conveyors
- 60" x 32' channel frame conveyor (mfg. post-April 22, 2008)
- remaining conveyors are pre-April 22, 2008
- all conveyors are operated to meet the latest Subpart OOO requirements
Wet processing section
Wet suppression system
Fabric filter emissions control system (mfg. pre-April 22, 2008)
- operated to meet the latest Subpart OOO requirements

RFDs during last 5 years:

- RFD on 3/25/2015: installed and operated a primary feeder and two (2) additional conveyors.

The following sources and activities are not subject to any specific work practice standards, testing, monitoring, recordkeeping or reporting requirements:

1. Air conditioning and ventilation systems
2. Office equipment
3. Janitorial equipment
4. Plant maintenance (painting, welding, woodworking, cleaning, etc.)
5. Mobile sources (trucks, forklifts, snowblowers, etc.)
6. Fuel oil, gasoline, propane and other storage tanks
7. Emergency equipment (lights, pumps, etc. and training)
8. Materials handling and storage
9. Laboratory/analytical activities

The following portable equipment was manufactured between 1983 and 2007:

The Source ID 104 Nordberg crushing plant was previously permitted under GP3-33-03019/GP11-44-03019.

The Source ID 105 Kolberg crushing plant was previously permitted under GP3-33-03018/GP11-44-03018.

The engines included in the above plants are less than 500 HP each and were manufactured before 2006.

This operating permit incorporates and supersedes the following operating permits/plan approvals:

Plan Approvals Nos. 44-05014A through D
GP3-44-03017/GP11-44-03017
GP3-44-03018/GP11-44-03018
GP3-44-03019/GP11-44-03019



***** End of Report *****