

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION AIR QUALITY PROGRAM

STATE ONLY NATURAL MINOR OPERATING PERMIT

Issue Date: March 23, 2022 Effective Date: July 31, 2023
Revision Date: July 31, 2023 Expiration Date: March 22, 2027

Revision Type: Modification

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: 09-00125

Natural Minor

Federal Tax Id - Plant Code: 23-2687469-3

Owner Information

Name: NACEVILLE MATERIALS JOINT VENTURE

Mailing Address: PO BOX 196

2052 LUCON RD

SKIPPACK, PA 19474-0196

Plant Information

Plant: NACEVILLE MATERIALS/PLUMSTEADVILLE

Location: 09 Bucks County 09939 Plumstead Township

SIC Code: 1411 Mining - Dimension Stone

Responsible Official

Name: H CHRISTIAN BUDENZ Title: OFFICER OF A MEMBER

Phone (610) 584 - 8500 Email: cbudenz@hkgroup.com

Permit Contact Person

Name: SCOTT TAYLOR

Title: PERMIT ADMINISTRATOR

Phone: (610) 222 - 3594 Email: staylor@hkgroup.com

[Signature]

JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



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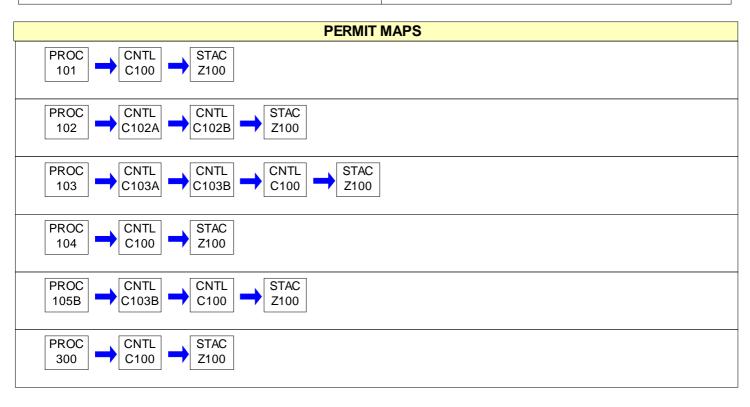
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SECTION A. Site Inventory List

Source	ID Source Name	Capacity/Throughput	t Fuel/Material
101	PRIMARY STONE CRUSHING OPERATION		
102	SCALPING SCREENING OPERATION	600.000 Tons/HR	STONE
103	SECONDARY STONE CRUSHING OPERATION	350.000 Tons/HR	STONE
104	PRODUCT SCREENING OPERATION	350.000 Tons/HR	STONE
105B	TERTIARY STONE CRUSHING OPERATION	350.000 Tons/HR	STONE
300	REPLACEMENT PRIMARY STONE CRUSHING OPERATION		
C100	WATER SPRAY DUST SUPPRESSION SYSTEM	N/A	WATER
C102A	PRIMARY SURGE PILE TUNNEL		
C102B	SCALPING SCREENING BUILDING		
C103A	SECONDARY SURGE PILE TUNNEL		
C103B	SECONDARY/TERTIARY STONE CRUSHING BUILDING		
C302A	SURGE PILE BELT TUNNEL		
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09-00125



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)]

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 as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.
- (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 the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.
 - (1) For a synthetic minor facility, a fee equal to:
 - (i) Four thousand dollars (\$4,000) for calendar years 2021—2025.
 - (ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.
 - (iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.







- (2) For a facility that is not a synthetic minor, a fee equal to:
 - (i) Two thousand dollars (\$2,000) for calendar years 2021—2025.
 - (ii) Two thousand five hundred dollars (\$2,500) for calendar years 2026—2030.
 - (iii) Three thousand one hundred dollars (\$3,100) for the calendar years beginning with 2031.
- (b) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

#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.

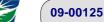
- (a) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Department or authorized representatives of the Department to perform the following:
- (1) Enter at reasonable times upon the permittee's premises where a source is located or emissions 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 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, 127.465 & 127.703]

Operating Permit Modifications

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and significant operating permit modifications, under this permit, as outlined below:





- (b) Administrative Amendments. The permittee shall submit the application for 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 submit the application for minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.
- (d) Significant Operating Permit Modifications. The permittee shall submit the application for significant operating permit modifications in accordance with 25 Pa. Code § 127.465.
- (e) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

#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 NOx from a single source during the term of the permit and 5 tons of NOx 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:





- (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)







- (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







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.



#023 [25 Pa. Code §135.3]

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Reporting

- (a) If the facility is a Synthetic Minor Facility, the permittee shall submit by March 1 of each year an annual emissions report for the preceding calendar year. The report shall include information for all active previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported. All air emissions from the facility should be estimated and reported.
- (b) A source owner or operator of a Synthetic Minor Facility may request an extension of time from the Department for the filing of an annual emissions report, and the Department may grant the extension for reasonable cause.

#024 [25 Pa. Code §135.4]

Report Format

If applicable, the emissions reports shall contain sufficient information to enable the Department to complete its emission inventory. Emissions reports shall be made by the source owner or operator in a format specified by the Department.





I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §121.7]

Prohibition of air pollution.

The permittee shall not cause or permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. § 4003).

002 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

- (a) No person may permit the emission into the outdoor atmosphere of fugitive air contaminant from a source other than the following:
 - (1) Construction or demolition of buildings or structures.
 - (2) Grading, paving and maintenance of roads and streets.
- (3) 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.
 - (4) Clearing of land.
 - (5) Stockpiling of materials.
 - (6) Open burning operations, as specified in 25 Pa. Code § 129.14.
 - (7) Blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting;
 - (8) N/A
- (9) Sources and classes of sources other than those identified in (1)-(8) of this condition, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (i) The emissions are of minor significance with respect to causing air pollution; and
- (ii) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

003 [25 Pa. Code §123.2]

Fugitive particulate matter

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.443(b).]

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code § 123.1(a) (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

004 [25 Pa. Code §123.31]

Limitations

The permittee shall ensure that emission into the outdoor atmosphere of any malodorous air contaminants from any source occurs in such a manner that the malodors are not detectable outside the property of the person on whose land the source is being operated.

005 [25 Pa. Code §123.41]

Limitations

Except as specified in Condition # 002, Section D (under Source ID 201), of this permit, the permittee shall ensure that emission into the outdoor atmosphere of visible air contaminants from this facility occurs in such a manner that the opacity of the emission is neither of the following:

- (a) Equal to or greater than 20% for a period or periods aggregating more than 3 minutes in any 1 hour.
- (b) Equal to or greater than 60% at any time.

006 [25 Pa. Code §123.42]

Exceptions

The opacity limitations as per 25 Pa. Code § 123.41 shall not apply to a visible emission in any of the following instances:

- (a) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (b) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (c) When the emission results from the sources specified in 25 Pa. Code § 123.1(a) (relating to prohibition of certain





fugitive emissions).

007 [25 Pa. Code §129.14]

Open burning operations

No person may permit the open burning of material in the Southeast Air Basin except where the open burning operations result from:

- (a) 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.
- (b) Any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
- (c) A fire set for the prevention and control of disease or pests, when approved by the Department.
- (d) A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.
- (e) A fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of the structure.
- (f) A fire set solely for recreational or ceremonial purposes.
- (g) A fire set solely for cooking food.

II. TESTING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) If at any time the Department has cause to believe that air contaminant emissions from any source may be in excess of the limitations specified in this Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).
- (b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, the most current version of the DEP Source Testing Manual, and the EPA Clean Air Act National Stack Testing Guidance, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

III. MONITORING REQUIREMENTS.

009 [25 Pa. Code §123.43]

Measuring techniques

The permittee may measure visible air contaminant emissions using either of the following:

- (a) A device approved by the Department and maintained to provide accurate opacity measurements.
- (b) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The permittee shall monitor this facility, at least once per operating day, for the following:
 - (1) Odors, which may be objectionable (as per 25 Pa. Code § 123.31; see Condition # 004, Section C, of this permit).
- (2) Visible air contaminant emissions (as per 25 Pa. Code §§ 123.41 and 123.42; see Conditions # 005–006, Section C, of this permit, respectively).
- (3) Fugitive air contaminant emissions (as per 25 Pa. Code §§ 123.1 and 123.2; see Conditions # 002-003, Section C,

SECTION C.



Site Level Requirements



of this permit, respectively).

- (b) Objectionable odors, visible air contaminant emissions, and/or fugitive air contaminant emissions that are caused or may be caused by operations at the facility shall:
 - (1) Be investigated.
 - (2) Be reported to the facility management, or individual(s) designated by the permittee.
 - (3) Have appropriate corrective action taken (for emissions that originate on-site).
 - (4) Be recorded in a permanent written log.
- (c) The Department reserves the right to change the above monitoring requirements at any time, based on, but not limited to, the review of complaints, monitoring results, and/or Department findings.

IV. RECORDKEEPING REQUIREMENTS.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain all records, reports, and analysis results generated in compliance with the requirements of any section of this permit in accordance with Condition # 020(b), Section B, of this permit, and shall make them available to the Department upon written or verbal request within a reasonable time.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The permittee shall maintain records of all monitoring of odors, visible air contaminant emissions, and fugitive air contaminant emissions for this facility, including deviations from the conditions found in Conditions # 002–005, Section C, of this permit. All records of deviations shall include, at a minimum, the following for each incident:
 - (1) A description of the deviation.
 - (2) The source(s) and/or associated air pollution control device(s) and location(s).
 - (3) The duration (including the starting and ending date(s) and times).
 - (4) The cause(s).
 - (5) The corrective action(s) taken, if necessary to abate the situation and prevent future occurrences.
- (b) The permittee shall maintain records of the monitoring in a Department-approved format and time frame.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of all the facility's increases of emissions from the following categories:

- (a) emissions increase of minor significance without notification to the Department.
- (b) de minimis increases with notification to the Department, via letter.
- (c) increases resulting from a Request for Determination (RFD) to the Department.
- (d) increases resulting from the issuance of a plan approval and subsequent operating permit.

V. REPORTING REQUIREMENTS.

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 40 CFR § 60.7(b) and 25 Pa. Code Chapter 122.]



- (a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department at 484-250-5920. A malfunction is 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. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.
- (b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies or incidents of excess emissions to the Department within three (3) business days of the telephone report.
- (c) The report shall describe the following:
 - (1) Name, permit or authorization number, and location of the facility;
 - (2) Nature and cause of the malfunction, emergency or incident;
 - (3) Date and time when the malfunction, emergency or incident was first observed;
 - (4) Expected duration of excess emissions;
 - (5) Estimated rate of emissions; and
 - (6) Corrective actions or preventative measures taken.
- (d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.
- (e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.
- (f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.
- (g) Any emissions resulted from malfunction or emergency are to be reported in the annual emissions inventory report, if the annual emissions inventory report is required by permit or authorization.

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 40 CFR Part 68.]

- (a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with all applicable provisions of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions), and the Federal Chemical Safety Information, Site Security, and Fuels Regulatory Relief Act (P.L. 106-40).
- (b) The permittee shall prepare and implement a Risk Management Plan (RMP) that meets all applicable provisions of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and the Federal Chemical Safety Information, Site Security, and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the threshold quantity at this facility. The permittee shall submit the RMP to the EPA according to the following schedule and requirements:
 - (1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:



- (i) Three (3) years after the date on which a regulated substance is first listed in 40 CFR § 68.130.
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.
- (2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.
- (3) The permittee shall certify that the RMP is accurate and complete in accordance with all applicable provisions of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.
- (c) As used in this permit condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances, or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.
- (d) If this facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall perform the following:
- (1) Submit a compliance schedule for satisfying all applicable provisions of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a).
- (2) Certify that the facility is in compliance with all applicable provisions of 40 CFR Part 68 including the registration and submission of the RMP.
- (e) If the facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for 5 years in accordance with 40 CFR § 68.200.
- (f) When the facility is subject to the accidental release program provisions of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if the permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

VI. WORK PRACTICE REQUIREMENTS.

016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code §§ 123.1 and 127.443(b).]

- (a) The permittee shall take all reasonable actions to prevent PM from a source(s) specified in 25 Pa. Code § 123.1 (see Condition # 002, Section C, of this permit) from becoming airborne. These actions shall include, but not be limited to, the following:
- (1) Use, where possible, of water or suitable 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, material stockpiles, and other surfaces that may give rise to airborne dusts.
 - (3) Paving and maintenance of roadways.
- (4) Prompt removal of earth or other material from paved roads or streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.
- (b) The permittee shall take all reasonable actions to prevent PM from material in or on trucks from becoming airborne. These actions shall include, but not be limited to, the following:





- (1) Posting a highly visible notice at a prominent location stating: "All loads on trucks shall be tarped, or have their loads sufficiently wetted, before exiting the quarry property, so as to prevent fugitive particulate matter from becoming airborne."
- (2) Assuring that all trucks owned by, operated by, leased to, or contracted to the permittee, the permittee's parent company, or any companies affiliated with the permittee, tarp or wet their loads prior to leaving this facility.¹
 - (3) Providing load wetting equipment for all trucks hauling material from the facility.
- ¹ Notwithstanding the requirements specified in (b)(1) and (3), above, the permittee shall not be responsible for assuring that trucks, other than those under its control, tarp or wet their loads prior to leaving the facility.

017 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 40 CFR § 60.11(d) and 25 Pa. Code Chapter 122 and § 127.444.]

The permittee shall ensure that the source(s) and associated air pollution control device(s) listed in this permit, are operated and maintained in a manner consistent with good safety, operating and maintenance, and air pollution control practices, as applicable, and in accordance with the manufacturers' specifications.

018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall immediately, upon discovery, implement measures which may include the application for the installation of an air cleaning device(s), if necessary, to reduce the air contaminant emissions to within applicable limitations, if at any time the operation of the source(s) identified in this permit, is causing the emission of air contaminants in excess of the limitations specified in, or established pursuant to 25 Pa. Code Article III or any other applicable rule promulgated under the Clean Air Act.

019 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee may not modify any air contaminant system identified in this permit, prior to obtaining Department approval, except those modifications authorized by Condition #013(g), of Section B, of this permit.

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.





Source ID: 101 Source Name: PRIMARY STONE CRUSHING OPERATION

Source Capacity/Throughput:

Conditions for this source occur in the following groups: STONE PROCESSING



I. RESTRICTIONS.

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).

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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) This source is a primary stone crushing operation comprised of the following operations and equipment:
 - (1) Material transport and handling of quarried material.
 - (2) A loading hopper.
- (3) A vibrating grizzly feeder, which directs material to a primary crusher [(a)(5), below]. Fines that fall through the grizzly feeder proceed down the grizzly box onto a belt conveyor [(a)(6)(i), below].
- (4) A power boom with a breaker to break up material in (a)(3), above, that is too large to enter the primary crusher [(a)(6), below].
- (5) A 44-in \times 48-in (jaw diameter \times jaw width) jaw (primary) crusher, model no. 1211, manufactured by Svedala. The primary crusher is rated at 600 tons stone/hr. Material processed by the primary crusher proceeds onto a belt conveyor [(a)(6)(i), below].
 - (6) Two belt conveyors, as follows:



- (i) A belt conveyor leading from the grizzly box associated with (a)(3), above, to another belt conveyor [(a)(6)(ii), below].
- (ii) A belt conveyor leading from (a)(6)(i), above, to a primary surge pile [(a)(7), below].
- (7) A primary surge pile. The material in the surge pile feeds two surge bins [Condition # 005(a)(1), Section D (under Source ID 102), of this permit].
- (b) All equipment and operations of the primary stone crushing operation are located outdoors.
- (c) Water sprays (of Source ID C100) operate at the following points of the primary stone crushing operation:
 - (1) Over (a)(2), above.
 - (2) Under (a)(3), above (in the associated grizzly box).
 - (3) Over (a)(5), above (on stone box).
 - (4) At the outlet of (a)(5), above.
 - (5) Over (a)(6)(i), above, as follows:
 - (i) Shortly after the outlet of (a)(5), above.
 - (ii) Over (a)(6)(i), above (on stone box), at the transfer point with (a)(6)(ii), above.
 - (6) Over (a)(6)(ii), above, at the discharge point with (a)(7), above.

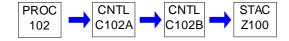




Source ID: 102 Source Name: SCALPING SCREENING OPERATION

Source Capacity/Throughput: 600.000 Tons/HR STONE

Conditions for this source occur in the following groups: STONE PROCESSING



I. RESTRICTIONS.

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).

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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) This source is a scalping screening operation comprised of the following equipment and operations:
- (1) Two primary surge bins (in series), each with a feeder gate. The feeder gates load stone from the primary surge pile [Condition # 005(a)(7), Section D (under Source ID 101), of this permit] onto a belt conveyor [(a)(2)(i), below] shortly after its tail pulley.
 - (2) Eight belt conveyors, as follows:
 - (i) A belt conveyor leading from (a)(1), above, to a scalping screen [(a)(3)(i), below].
 - (ii) A belt conveyor leading from a chute [(a)(4)(i), below] to a secondary surge pile [(a)(5), below].
 - (iii) A belt conveyor leading from a chute [(a)(4)(ii), below] to a material stockpile [(a)(6)(i), below].
 - (iv) A belt conveyor leading from a scalping screen [(a)(3)(i), below] to another belt conveyor [(a)(2)(v), below].
 - (v) A belt conveyor leading from (a)(2)(iv), above, to either a scalping screen [(a)(3)(ii), below] or a material stockpile



[(a)(6)(iii), below].

- (vi) A belt conveyor leading from a chute [(a)(4)(iv), below] to a material stockpile [(a)(6)(iv), below].
- (vii) A belt conveyor leading from a scalping screen [(a)(3)(ii), below] to another belt conveyor [(a)(2)(viii), below].
- (viii) A belt conveyor leading from (a)(2)(vii), above, to a material stockpile [(a)(6)(v), below].
- (3) Two scalping screens, model no. 6x16 TDI, manufactured by Allis-Chalmers, as follows:
 - (i) A scalping screen rated at 600 tons stone/hr. Three material streams lead from the scalping screen, as follows:
 - (A) The oversized material is transferred to a chute [(a)(4)(i), below].
 - (B) The throughs material is transferred to a chute [(a)(4)(ii), below].
 - (C) The undersized material is transferred to (a)(2)(iv), above.
- (ii) A modified scalping screen rated at 600 tons stone/hr. Three material streams lead from the scalping screen, as follows:
 - (A) The oversized material is transferred to a chute [(a)(4)(iii), below].
 - (B) The throughs material is transferred to a chute [(a)(4)(iv), below].
 - (C) The undersized material is transferred to (a)(2)(vii), above.
 - (4) Four chutes, as follows:
 - (i) A chute that directs oversized material from (a)(3)(i), above, to (a)(2)(ii), above.
 - (ii) A chute that directs throughs material from (a)(3)(i), above, to (a)(2)(iii), above.
 - (iii) A chute that directs oversized material from (a)(3)(ii), above, to a material stockpile [(a)(6)(iii), below].
 - (iv) A chute that directs throughs material from (a)(3)(ii), above, to (a)(2)(vi), above.
- (5) A secondary surge pile. The material in the surge pile feeds a surge bin [Condition # 005(a)(1), Section D (under Source ID 103), of this permit].
 - (6) Five material stockpiles, as follows:
 - (i) A#3 or #4 material stockpile. The material in the stockpile is product.
 - (ii) A modified material stockpile. The material in the stockpile is product.
 - (iii) A 2A modified material stockpile. The material in the stockpile is product.
 - (iv) A $\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\ensuremath{\mbox{\sc i}}}}}$ The material in the stockpile is product.
 - (v) A ½-in modified material stockpile. The material in the stockpile is product.
- (b) All equipment and operations of the scalping screening operation are located outdoors, except as follows:
 - (1) The following equipment is enclosed in the primary surge pile tunnel (Source ID C102A):
 - (i) (a)(1), above.
 - (ii) The loading portion of (a)(2)(i), above.
 - (2) The following equipment is enclosed in the scalping screening building (Source ID C102B):
 - (i) The discharge portion of (a)(2)(i), above.
 - (ii) (a)(3)(i), above.
 - (iii) (a)(4)(i), above.
 - (iv) The loading portion of (a)(2)(ii), above.
 - (v) (a)(4)(ii), above.
 - (vi) The loading portion of (a)(2)(iii), above.
 - (vii) (a)(2)(iv), above.
 - (viii) The loading portion of (a)(2)(v), above.

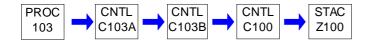




Source ID: 103 Source Name: SECONDARY STONE CRUSHING OPERATION

Source Capacity/Throughput: 350.000 Tons/HR STONE

Conditions for this source occur in the following groups: STONE PROCESSING



I. RESTRICTIONS.

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).

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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) This source is a secondary stone crushing operation comprised of the following equipment:
- (1) A secondary surge bin with feeder gate. The feeder gate loads stone from a secondary surge pile [Condition # 005(a)(5), Section D (under Source ID 102), of this permit] onto a belt conveyor [(a)(2)(i), below] shortly after its tail pulley.
 - (2) Two belt conveyors, as follows:
 - (i) A belt conveyor leading from (a)(1), above, to a secondary crusher [(a)(3), below].
 - (ii) A belt conveyor leading from a secondary crusher [(a)(3), below] to a chute [(a)(4), below].
- (3) A gyratory (secondary) crusher, model no. 2300, manufactured by Allis-Chalmers. The secondary crusher is rated at 350 tons stone/hr.
- (4) A chute that directs material from (a)(2)(ii), above, to a product screen [Condition # 005(a)(1), Section D (under Source ID 104), of this permit].





- (b) All equipment of the secondary stone crushing operation is enclosed, as follows, except for the middle (i.e., non-loading, non-discharge) and discharge portions of (a)(2)(ii), above, and (a)(4), above, which are located outdoors:
 - (1) The following equipment is enclosed in the secondary surge pile tunnel (Source ID C103A):
 - (i) (a)(1), above.
 - (ii) The loading and middle portions of (a)(2)(i), above.
 - (2) The following equipment is enclosed in the secondary/tertiary stone crushing building (Source ID C103B):
 - (i) The discharge portion of (a)(2)(i), above.
 - (ii) (a)(3), above.
 - (iii) The loading portion of (a)(2)(ii), above.
- (c) Water sprays (of Source ID C100) operate at the following points of the secondary stone crushing operation:
 - (1) Over (a)(2)(i), above, at the transfer point with (a)(3), above.
 - (2) Over (a)(2)(ii), above, shortly after the outlet of (a)(3), above.
 - (3) Over (a)(2)(ii), above, at the transfer point with (a)(4), above.

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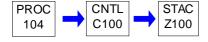




Source ID: 104 Source Name: PRODUCT SCREENING OPERATION

Source Capacity/Throughput: 350.000 Tons/HR STONE

Conditions for this source occur in the following groups: STONE PROCESSING



I. RESTRICTIONS.

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).

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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) This source is a product screening operation comprised of the following equipment and operations:
- (1) A product screen, model no. 8×20 TDI, manufactured by Allis-Chalmers. The product screen is rated at 350 tons stone/hr. Four material streams lead from the product screen, as follows:
 - (i) The oversized material is transferred to a chute [(a)(2)(i), below].
 - (ii) The first-deck throughs material is transferred to a belt conveyor [(a)(3)(iii), below].
 - (iii) The second-deck throughs material is transferred to a belt conveyor [(a)(3)(v), below].
 - (iv) The undersized material is transferred to a belt conveyor [(a)(3)(vii), below].
 - (2) Four chutes, as follows:
 - (i) A chute that directs oversized material from (a)(1), above, to a belt conveyor [(a)(3)(i), below].
 - (ii) A chute that directs material from a belt conveyor [(a)(3)(iii), below] to a wash screw [(a)(4)(i), below].



- (iii) A chute that directs material from a wash screw [(a)(4)(i), below] to another belt conveyor [(a)(3)(iv), below].
- (iv) A chute that directs material from a belt conveyor [(a)(3)(vii), below] to another belt conveyor [(a)(3)(viii), below].
- (3) Eight belt conveyors leading from the product screen, as follows:
 - (i) A belt conveyor leading from (a)(2)(i), above, to another belt conveyor [(a)(3)(ii), below].
- (ii) A belt conveyor leading from (a)(3)(i), above, to a tertiary crusher [Condition # 005(a)(1), Section D (under Source ID 105B), of this permit].
 - (iii) A belt conveyor leading from (a)(1), above, to (a)(2)(ii), above.
 - (iv) A belt conveyor leading from (a)(2)(iii), above, to a material stockpile [(a)(5)(i), below].
 - (v) A belt conveyor leading from (a)(1), above, to a wash screw [(a)(4)(ii), below].
 - (vi) A belt conveyor leading from a wash screw [(a)(4)(ii), below] to a material stockpile [(a)(5)(ii), below].
 - (vii) A belt conveyor leading from (a)(1), above, to (a)(2)(iv), above.
 - (viii) A belt conveyor leading from (a)(2)(iv), above, to a material stockpile [(a)(5)(iii), below].
 - (4) Two wash screws, as follows:
 - (i) A2B wash screw.
 - (ii) A1B wash screw.
 - (5) Three material stockpiles, as follows:
 - (i) A washed 2B material stockpile. The material in the stockpile is product.
 - (ii) A washed 1B material stockpile. The material in the stockpile is product.
 - (iii) A grit material stockpile. The material in the stockpile is product.
- (b) All equipment and operations of the product screening operation are located outdoors, except for the discharge portion of (a)(3)(ii), above, which is enclosed in the secondary/tertiary stone crushing building (Source ID C103B).
- (c) A water spray (of Source ID C100) operates over (a)(3)(vii), above, at the transfer point with (a)(2)(iv), above.

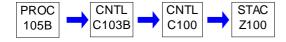




Source ID: 105B Source Name: TERTIARY STONE CRUSHING OPERATION

Source Capacity/Throughput: 350.000 Tons/HR STONE

Conditions for this source occur in the following groups: STONE PROCESSING



I. RESTRICTIONS.

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).

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.

001 [25 Pa. Code §127.441]

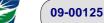
Operating permit terms and conditions.

- (a) This source is a tertiary stone crushing operation comprised of the following equipment:
- (1) A cone (tertiary) crusher, model type/no. Kodiak 300, manufactured by KPI-JCI (Kolberg-Pioneer, Inc./Johnson Crushers International). The tertiary crusher is rated at 350 tons stone/hr.
- (2) A belt conveyor leading from (a)(1), above, to (the middle portion of) another belt conveyor [Condition # 005(a)(2)(ii), Section D (under Source ID 103), of this permit].
- (b) All equipment of the tertiary stone crushing operation is enclosed in the secondary/tertiary stone crushing building (Source ID C103B).
- (c) Water sprays (of Source ID C100) operate at the following points of the tertiary stone crushing operation:





- (1) Over (a)(2), above, shortly after the outlet of (a)(1), above.
- (2) Over (a)(2)(ii), above, at the transfer point with the belt conveyor indicated in Condition # 005(a)(2)(ii), Section D (under Source ID 103), of this permit.





Source ID: 300 Source Name: REPLACEMENT PRIMARY STONE CRUSHING OPERATION

Source Capacity/Throughput:

Conditions for this source occur in the following groups: STONE PROCESSING



I. RESTRICTIONS.

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).

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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) This source is a primary stone crushing operation comprised of the following operations and equipment:
 - (1) Material transport and handling of quarried material.
 - (2) A loading hopper.
- (3) A vibrating grizzly feeder, which directs material to a primary crusher [(a)(5), below]. Fines that fall through the grizzly feeder proceed down the grizzly box onto a belt conveyor [(a)(6)(i), below].
- (4) A power boom with a breaker to break up material in (a)(3), above, that is too large to enter the primary crusher [(a)(6), below].
- (5) A 45-in × 42-in (jaw diameter × jaw width) jaw (primary) crusher, model no. Cedarapids JS4552, manufactured by Terex. The primary crusher is rated at 600 tons stone/hr. Material processed by the primary crusher proceeds onto a belt conveyor

[(a)(6)(i), below]





- (6) Two belt conveyors, as follows:
- (i) A belt conveyor, 60-in x 65-ft, leading from the grizzly box associated with (a)(3) and (a)(5), above, to another belt conveyor [(a)(6)(ii), below].
 - (ii) A belt conveyor, 48-in x 360-ft, leading from (a)(6)(i), above, to a primary surge pile [(a)(7), below].
- (7) A primary surge pile. The material in the surge pile feeds two surge bins [Condition # 005(a)(1), Section D (under Source ID 102), of this permit].
- (b) All equipment and operations of the primary stone crushing operation are located outdoors.
- (c) Water sprays (of Source ID C100) operate at the following points of the primary stone crushing operation:
 - (1) Over (a)(2), above.
 - (2) Under (a)(3), above (in the associated grizzly box).
 - (3) Over (a)(5), above (on stone box).
 - (4) At the outlet of (a)(5), above.
 - (5) Over (a)(6)(i), above, as follows:
 - (i) Shortly after the outlet of (a)(5), above.
 - (ii) Over (a)(6)(i), above (on stone box), at the transfer point with (a)(6)(ii), above.
 - (6) Over (a)(6)(ii), above, at the discharge point with (a)(7), above.





Source ID: C100 Source Name: WATER SPRAY DUST SUPPRESSION SYSTEM

Source Capacity/Throughput: N/A WATER

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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of all maintenance inspections for this stone crushing plant water spray dust suppression system, performed in accordance with Condition # 003, Section D (under Source ID C100), of this permit. These records shall contain, at a minimum, the following for each inspection:

- (a) The date and time of the inspection.
- (b) Any maintenance performed.

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.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.443(b).]

The permittee shall ensure that this stone crushing plant water spray dust suppression system is operated on any and all occasions that the respective equipment of the stone crushing plant, as indicated in Condition # 001(c), Section D (under Source IDs 300, 103–104, and 105B), of this permit, is operated, except in those unusual instances where conditions are such that operation of the respective equipment of the stone crushing plant without the simultaneous operation of the stone crushing plant water spray dust suppression system can occur without creating air contaminant emissions in excess of the restrictions specified in this permit or in, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code, Part I, Subpart C, Article III, or 40 CFR Part 60. If, however, the stone crushing plant water spray dust suppression system is incapable of operation due to weather conditions or any other reason, the stone crushing plant may not be operated at all.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall perform the following for this stone crushing plant water spray dust suppression system:

(a) A visual check of the condition of the water spray dust suppression system, at least once per operating week.



09-00125



SECTION D. Source Level Requirements

(b) Routine and/or preventative maintenance of the water spray dust suppression system, in accordance with the manufacturers' specifications.

VII. ADDITIONAL REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of a stone crushing plant water spray dust suppression system manufactured by Kemper Equipment, Inc. (in-house design). The water spray dust suppression system operates at the points in the stone crushing plant indicated in Condition # 001(c), Section D (under Source IDs 300, 103–104, and 105B), of this permit.





SECTION E. Source Group Restrictions.

Group Name: STONE PROCESSING

Group Description: Stone Crushing and Screening Operations

Sources included in this group

ID	Name
101	PRIMARY STONE CRUSHING OPERATION
102	SCALPING SCREENING OPERATION
103	SECONDARY STONE CRUSHING OPERATION
104	PRODUCT SCREENING OPERATION
105B	TERTIARY STONE CRUSHING OPERATION
300	REPLACEMENT PRIMARY STONE CRUSHING OPERATION

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.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The facility will monitor the following parameters for each source in this source group on an operating day basis:

- (a) The hours of operation for each source.
- (b) The amount of stone processed by each source.

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The facility shall maintain records of the following operating parameters for each source in this source group on an operating day basis:

- (a) The hours of operation for each source.
- (b) The amount of stone processed for each source.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of all maintenance inspections for all source in this group, performed in accordance with Condition # 004, Section E, of this permit. These records shall contain, at a minimum, the following for each inspection:

- (a) The date and time of the inspection.
- (b) Any maintenance (i.e., routine, preventative, or otherwise) performed.

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.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall perform the following for the equipment listed in part (d) of this condition:

(a) A visual check of all moving, material-handling equipment, at least once per operating day.



SECTION E. Source Group Restrictions.

- (b) A visual check of all condition of the non-moving, material-handling equipment at least once per operating week.
- (c) Routine and/or preventative maintenance of all moving and non-moving material-handling equipment, in accordance with the manufacturers' specifications.
- (d) The equipment subjected to this condition is:
- (1) Equipment under Source ID 101 Primary Stone Crushing Operations as listed in Section D, Condition #001 for Source ID 101, including:
 - (i) Jaw crusher
 - (ii) Vibratory grizzly feeder
 - (iii) 2 Conveyor belts
- (2) Equipment under Source ID 102 Scalping Screen Operations, as listed in Section D, Condition #001 for Source ID 102, including:
 - (i) 2 Scalping screens
 - (ii) 2 Primary surge bins
 - (iii) 8 Conveyor belts
 - (iv) 4 Chutes
- (3) Equipment under Source ID 103 Secondary Stone Crushing Operations, as listed in Section D, Condition #001 for Source ID 103, including:
 - (i) Gyratory crusher
 - (ii) Secondary surge bin with feeder grate
 - (iii) 2 Conveyor belts
 - (iv) 1 Chute directing material to Product Screen Source ID 104
- (4) Equipment under Source ID 104 Product Screening Operations, as listed in Section D, Condition #001 for Source ID 104, including:
 - (i) Product screen
 - (ii) 4 Chutes
 - (iii) 8 Conveyor belts
 - (iv) 2 Wash screws
- (5) Equipment under Source ID 105B Tertiary Stone Crushing Operations, as listed in Section D, Condition #001 For Source ID 105B, including:
 - (i) Cone crusher
 - (ii) 1 Conveyor belt
- (6) Equipment under Source ID 300 Replacement Primary Stone Crushing Operations as listed in Section D, Condition #001 for Source ID 300, including:
 - (i) Jaw crusher
 - (ii) Vibratory grizzly feeder
 - (iii) 2 Conveyor belts

VII. ADDITIONAL REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) All sources in this group source, including all equipment listed under Section D, Condition #001 for Source IDs 101,102,103,104, 300 and 105B except for the tertiary cone crusher under Source ID 105B, are subject to, and shall comply with all applicable provisions of, 40 CFR Part 60, Subpart OOO. The tertiary crusher under Source ID 105B is exempt from the provisions of 40 CFR §§ 60.672 and 60.674–60.675 but is subject of all other applicable provisions under 40 CFR Part 60, Subpart OOO.
- (b) In accordance with 40 CFR § 60.4, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both EPA and the Department. The Department copies shall be submitted in accordance with Condition # 018, Section B, of this permit. The EPA copies shall be submitted to:





SECTION E. Source Group Restrictions.

Enforcement & Compliance Assurance Division Air, RCRA and Toxics Branch (3ED21) Four Penn Center 1600 John F. Kennedy Boulevard Philadelphia, PA 19103-2852





SECTION F. Alternative Operation Requirements.

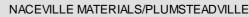
No Alternative Operations exist for this State Only facility.





SECTION G. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.



SECTION H. Miscellaneous.

09-00125

- (a) The plant address is: 5031 Point Pleasant Pike, Doylestown, PA 18902.
- (b) The following previously-issued documents serve as the basis for certain terms and conditions set forth in this permit:
 - (1) Plan Approval No. 09-0125A.
 - (2) RFD No. 6223.
- (c) This permit (APS ID 495612, Auth ID 1330435) is a renewal of State Only Operating Permit No. 09-00125, originally issued on July 2, 2004 (APS ID 495612, Auth ID 518272), and previously renewed on October 1, 2009 (APS ID 495612, Auth ID 747988), and May 26, 2016 (APS ID 495612, Auth ID 1020978). The following is a listing of the changes reflected in this permit:
- (1) The abbreviation "JV" has been added to the end of the owner name, as indicated on the cover page of the previouslyrenewed permit (same location in this permit), to reflect the full fictitious name of the owner.
- (2) The abbreviation "JV" has been removed from the plant name, as indicated on the cover page of the previously-renewed permit (same location in this permit), to reflect the registered name of the owner.
- (3) The responsible official, as indicated on the cover page of the previously-renewed permit (same location in this permit), has been changed to H. Christian Budenz, Officer of a Member, (610) 584-8500, cbudenz@hkgroup.com.
- (4) An e-mail address for the permit contact person has been added to the cover page of this permit.
- (5) The source ID for the tertiary stone crushing operation in Sections A and D, of the previously-renewed permit (same locations in this permit), has been changed from 105A to 105B.
 - (6) The following for Condition # 003, Section B, of the previously-renewed permit (same condition number in this permit):
 - (i) The citation to 25 Pa. Code § 127.703(c) has been removed.
 - (ii) The following for Sub-condition (c):
 - (A) References to an annual operating permit administrative fee and 25 Pa. Code § 127.703(c) have been removed.
- (B) The language of the second sentence has been changed to require the permittee to submit the application fee "with the fee form to the respective regional office."
- (C) The application and annual operating permit administrative fee schedule, as specified in Sub-condition (c)(1)–(2), has been removed.
 - (7) The following for Condition # 004, Section B, of the previously-renewed permit (same condition number in this permit):
- (i) The application and annual operating permit administrative fee schedules, as specified in Sub-conditions (a)–(b), respectively, have been removed.
 - (ii) The following for Sub-condition (c):
 - (A) It has been reorganized as Sub-condition (b).
- (B) The phrase "with the permit number clearly indicated and submitted to the respective regional office" has been added to the end of the sub-condition.
- (iii) An annual operating permit maintenance fee schedule for synthetic minor and non-synthetic minor facilities has been added as Sub-conditions (a)(1)–(2), respectively.
 - (8) The following for Condition # 011, Section B, of the previously-renewed permit (same condition number in this permit):
 - (i) Citations to 25 Pa. Code §§ 127.465 and 127.703 have been added.

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SECTION H. Miscellaneous.

- (ii) The following for Sub-condition (d):
- (A) The references to 25 Pa. Code § 127.541 and "the public notification procedures in [25 Pa. Code] §§ 127.424 and 127.425" have been removed.
- (B) A requirement to "submit the application for significant operating permit modifications in accordance with 25 Pa. Code § 127.465" has been added.
- (iii) A statement that "applicable fees shall be made payable to 'The Commonwealth of Pennsylvania Clean Air Fund' with the permit number clearly indicated and submitted to the respective regional office" has been added as Sub-condition (e).
- (9) Requirements that "emissions reports ... contain sufficient information to enable the Department to complete its emission inventory," and "be made ... in a format specified by the Department," have been added as Condition # 024, Section B, of this permit.
 - (10) Condition # 002(h), Section C, of the previously-renewed permit, has been removed.
- (11) An exception from the visible emission restrictions specified in 25 Pa. Code § 123.41 for the operation of equipment used solely to train and test persons in observing the opacity of visible emissions has been added to Condition # 006, Section C, of the previously-renewed permit (same condition number in this permit), as Sub-condition (b).
- (12) Condition # 014, Section C, of the previously-renewed permit (same condition number in this permit), has been updated to include additional requirements pertaining to malfunctions, as well as new requirements pertaining to emergencies and incidents of excess emissions.
 - (13) Condition # 016, Section C, of the previously-renewed permit, has been moved to Condition # 023, Section B, of this permit.
- (14) The following for Condition # 006, Section D (under Source IDs 101–104 and 105B), of the previously-renewed permit (same condition number in this permit):
- (i) The language has been updated to indicate that copies of all requests, reports, applications, submittals, and other communications for the primary stone crushing, scalping screening, secondary stone crushing, product screening, and tertiary stone crushing operations, respectively, that are required to be submitted pursuant to any applicable provision of 40 CFR Part 60, Subpart OOO, are to be submitted to the Department in accordance with Condition # 018, Section B, of this permit.
 - (ii) The EPA address which to submit copies of the same has been updated.
 - (15) A separate section for source group restrictions has been added as Section E, of this permit.

523849

(c) Auth # 1437642 APS # 495612 for minor mondification. Modification is for the addition of a "like for like" replacement of the pirmary jaw crusher. Under RFD 10038 the Svedala jaw crusher was replaced with a Terex Cedarapid model JS4552. In order to differentiate the new cursher, the Primary Crushing Operations has been replaced with Source ID 300 - Replacement Primary Crushing Operations. In addition to replacing the jaw crusher, the belts for the primary crushing operations have been lengthened but not replaced (modified). No other changes have occurred with the source. Additionally, the crushing operations have been grouped in Section E.





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