



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY NATURAL MINOR OPERATING PERMIT

Issue Date: September 30, 2024

Effective Date: September 30, 2024

Expiration Date: September 29, 2029

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: 46-00304

Natural Minor

Federal Tax Id - Plant Code: 23-2789505-4

Owner Information

Name: RATOSKEY & TRAINOR INC
Mailing Address: 3201 POTSHOP RD
EAST NORRITON, PA 19403-4630

Plant Information

Plant: RATOSKEY & TRAINOR INC/GILL QUARRIES
Location: 46 Montgomery County 46926 East Norriton Township
SIC Code: 1429 Mining - Crushed And Broken Stone, Nec

Responsible Official

Name: ROBERT RATOSKEY
Title: PRES
Phone: (610) 272 - 2433 Email: robr110@aol.com

Permit Contact Person

Name: ROBERT RATOSKEY
Title: PRES
Phone: (610) 272 - 2433 Email: robr110@aol.com

[Signature] _____
JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



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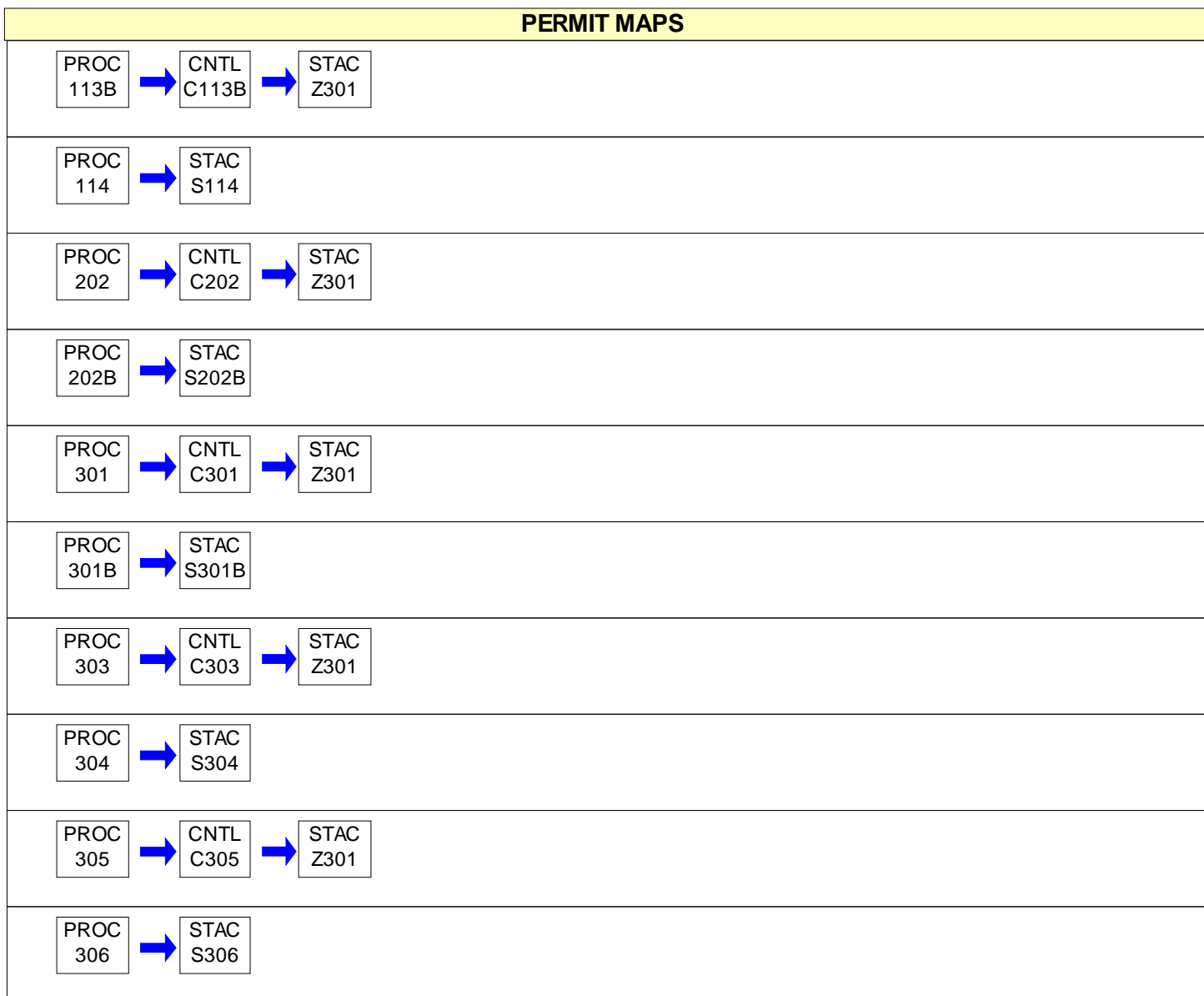
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**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
113B	SANDVIK QA 451 SCREEN	300.000 Tons/HR	STONE; CONCRETE
114	CATERPILLAR ENGINE C4.4 FOR SOURCE 113B	10.000 Gal/HR	FUEL
202	EXTEC S3 SCREEN	200.000 Tons/HR	STONE; CONCRETE
202B	DEUTZ LCD ENGINE FOR SOURCE ID 202	10.000 Gal/HR	DIESEL
301	SANDVIK QE 241 SCREEN	300.000 Tons/HR	STONE; CONCRETE
301B	CATERPILLAR C3.4B ENGINE FOR SOURCE ID 301	10.000 Gal/HR	DIESEL
303	P100 SANDVIK JAW CRUSHER QJ341	300.000 Tons/HR	STONE; CONCRETE
304	CATERPILLAR C9.3 ENGINE FOR SOURCE ID 303	19.500 Gal/HR	DIESEL
305	JAW CRUSHER-KEESTRACK B3	280.000 Tons/HR	STONE; CONCRETE
306	VOLVO PENTA 870 VE ENGINE FOR SOURCE ID 305	15.000 Gal/HR	Diesel Fuel
307	KEESTRACK C4 MOBILE SCREEN	300.000 Tons/HR	STONE; CONCRETE
308	CUMMINS F3.8 ENGINE FOR SOURCE ID 307	8.000 Gal/HR	Diesel Fuel
401	SANDVIK CRUSHER QJ 241	200.000 Tons/HR	STONE; CONCRETE
402	CATERPILLAR ENGINE C7.1 FOR SOURCE ID 401	17.000 Gal/HR	DIESEL
403	JCI FT300 CONE CRUSHER	460.000 Tons/HR	STONE; CONCRETE
404	CATERPILLAR C13 ENGINE FOR SOURCE ID 403	22.000 Gal/HR	DIESEL
405	SANDVIK QI341 IMPACT CRUSHER	200.000 Tons/HR	STONE; CONCRETE
406	CATERPILLAR C9.3 ENGINE FOR SOURCE ID 405	19.500 Gal/HR	DIESEL
407	SANDVIK SCREEN QE341	600.000 Tons/HR	STONE; CONCRETE
408	CATERPILLAR C4.4 ENGINE FOR SOURCE ID 407	10.000 Gal/HR	DIESEL
409	SANDVIK QE 342 SCREEN	600.000 Tons/HR	STONE; CONCRETE
410	CATERPILLAR C4.4 ENGINE FOR SOURCE ID 409	10.000 Gal/HR	DIESEL
510	CONVEYORS FOR PROCESSING PLANTS		
C113B	WATER SPRAY DUST SUPPRESSION SOURCE ID 113B		
C202	WATER SPRAY DUST SUPPRESSION SYSTEM SOURCE ID 202		
C301	WATER SPRAY DUST SUPPRESSION SYSTEM SOURCE ID 301		
C303	WATER SPRAY DUST SUPPRESSION SYSTEM SOURCE ID 303		
C305	WATER SPRAY DUST SUPPRESSION SYSTEM SOURCE ID 305		
C307	WATER SPRAY DUST SUPPRESSION SYSTEM SOURCE ID 307		
C401	WATER SPRAY DUST SUPPRESSION SYSTEM SOURCE ID 401		
C403	WATER SPRAY DUST SUPPRESSION SOURCE ID 403		
C405	WATER SPRAY DUST SUPPRESSION SYSTEM SOURCE ID 405		
C407	WATER SPRAY DUST SUPPRESSION SYSTEM SOURCE ID 407		
C409	WATER SPRAY DUST SUPPRESSION SYSTEM SOURCE ID 409		
S114	STACK FOR ENGINE SOURCE ID 114		
S202B	SOURCE 202B ENGINE STACK		

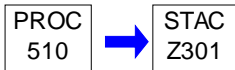
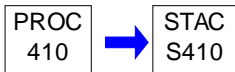
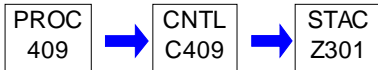
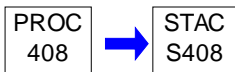
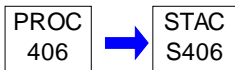
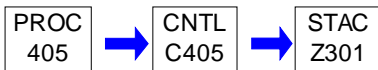
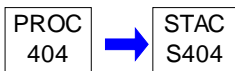
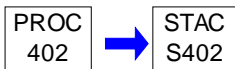
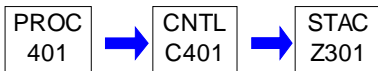
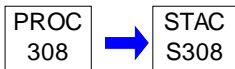
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
S301B	STACK FOR ENGINE SOURCE ID 301B		
S304	STACK FOR ENGINE SOURCE ID 304		
S306	SOURCE ID 306 ENGINE STACK		
S308	SOURCE ID 308 ENGINE STACK		
S402	STACK FOR ENGINE SOURCE ID 402		
S404	STACK FOR ENGINE SOURCE ID 404		
S406	STACK FOR ENGINE SOURCE ID 406		
S408	STACK FOR ENGINE SOURCE ID 408		
S410	STACK FOR ENGINE SOURCE ID 410		
Z301	PROCESSING PLANT FUGITIVE EMISS		

PERMIT MAPS



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)]**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.

**SECTION B. General State Only Requirements**

(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:

**SECTION B. General State Only Requirements**

- (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:

**SECTION B. General State Only Requirements**

(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 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)

**SECTION B. General State Only Requirements**

(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 § 127.11a]**Reactivation of Sources**

(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

**SECTION B. General State Only Requirements**

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 B. General State Only Requirements****#023 [25 Pa. Code §135.3]****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.

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §121.7]****Prohibition of air pollution.**

No person may permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. Section 4003).

002 [25 Pa. Code §123.1]**Prohibition of certain fugitive emissions**

(a) No person may permit the emission into the outdoor atmosphere of a 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**

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**

A person may not 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.

005 [25 Pa. Code §123.41]**Limitations**

A person may not 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:

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

**SECTION C. Site Level Requirements****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Total PM emissions from all facility sources shall not exceed 12.5 tons, combined on a 12-month rolling total basis.

008 [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.**# 009 [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/Plan Approval, 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.**# 010 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

- (a) A device approved by the Department and maintained to provide accurate opacity measurements; or
- (b) Observers trained and qualified 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.**

(a) The permittee shall monitor the facility, once per operating day, for the following:

- (1) odors which may be objectionable (as per 25 Pa. Code §123.31);
- (2) visible emissions (as per 25 Pa. Code §§123.41 and 123.42).; and
- (3) fugitive particulate matter (as per 25 Pa. Code §§ 123.1 and 123.2).

(b) Objectionable odors, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the site shall:

**SECTION C. Site Level Requirements**

- (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); and
- (4) be recorded in a permanent written log.

IV. RECORDKEEPING REQUIREMENTS.**# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain a record of all monitoring of fugitive emissions, visible emissions and odors, including those that deviate from the conditions found in this permit. The record of deviations shall contain, at a minimum, the following items:

- (a) Date, time, and location of the incident(s);
- (b) The cause of the event; and
- (c) The corrective action taken, if necessary, to abate the situation and prevent future occurrences.

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.**

- (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

**SECTION C. Site Level Requirements**

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.**

Within thirty (30) days after permit issuance the permittee shall submit, to the Department for approval, the proposed recordkeeping formats required in this operating permit.

016 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements 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) which meets the requirements 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 a facility. The permittee shall submit the RMP to the federal Environmental Protection Agency 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 years after the date on which a regulated substance is first listed under 40 CFR § 68.130; or,
- (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 the requirements 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:

(1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,

(2) Certify that this facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

**SECTION C. Site Level Requirements**

(e) If this facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.

(f) When this facility is subject to the accidental release program requirements 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 submit a compliance schedule or fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

VI. WORK PRACTICE REQUIREMENTS.**# 017 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

A person responsible for any source specified in 25 Pa. Code § 123.1 shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

- (a) 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.
- (b) Application of asphalt, water, or other suitable chemicals, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (c) Paving and maintenance of roadways.
- (d) 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 by other means.

018 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall ensure that the source(s) and air pollution control device(s), listed in this plan approval/permit, are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturer's specifications.

019 [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.

020 [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.

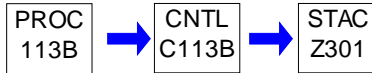
**SECTION D. Source Level Requirements**

Source ID: 113B

Source Name: SANDVIK QA 451 SCREEN

Source Capacity/Throughput: 300.000 Tons/HR STONE; CONCRETE

Conditions for this source occur in the following groups: PROCESS PLANTS

**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.**

This source consists of a Sandvik Screen, model QA451, 300 ton/hr, powered by a 2018 Caterpillar model C4.4 100 HP diesel engine.

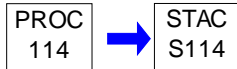
**SECTION D. Source Level Requirements**

Source ID: 114

Source Name: CATERPILLAR ENGINE C4.4 FOR SOURCE 113B

Source Capacity/Throughput: 10.000 Gal/HR FUEL

Conditions for this source occur in the following groups: ENGINES

**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.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall meet the following Tier 3 $37 \leq kW \leq 75$ emission standards:

Non-methane hydrocarbon + NO_x (NMHC + NO_x): 4.7 g/kW-hr

Carbon Monoxide (CO): 5.0 g/kW-hr

Particulate matter (PM): 0.4 g/kW-hr

[EPA Tier Certification Certificate JPKXL04.4NP1-011 demonstrates compliance with these emission standards as required under 40 CFR §§ 1039.101 and 1039.102]

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

Source consists of a 2018 Caterpillar model C4.4 100 HP diesel engine, serial number 44623698, which powers the Sandvik QA451 screen, Source ID 113B. Engine certified under certificate JPKXL04.4NP1-011 to EPA Tier 3 emissions. Emissions factors from EPA tier testing are:

**SECTION D. Source Level Requirements**

NO _x - 4.17 g/kW-hr	CO- 1.4 g/kW-hr
PM- 0.28 g/kW-hr	NMHC (VOC)- 0.26 g/kW-hr

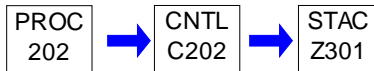
**SECTION D. Source Level Requirements**

Source ID: 202

Source Name: EXTEC S3 SCREEN

Source Capacity/Throughput: 200.000 Tons/HR STONE; CONCRETE

Conditions for this source occur in the following groups: PROCESS PLANTS

**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.**

This source consists of an Extec screen, model S3, 200 tons per hour, serial number 10211, powered by a 2012 Deutz LCD diesel engine model L4.

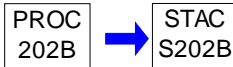
**SECTION D. Source Level Requirements**

Source ID: 202B

Source Name: DEUTZ LCD ENGINE FOR SOURCE ID 202

Source Capacity/Throughput: 10.000 Gal/HR DIESEL

Conditions for this source occur in the following groups: ENGINES

**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.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall meet the following Interim Tier 4 56=<kW=<75 emission standards with alternative NOx standard:

NOx: 3.4 g/kW-hr (approved alternative standard)

Non-methane hydrocarbon (NMHC): 0.19 g/kW-hr

Carbon Monoxide (CO): 5.0 g/kW-hr

Particulate matter (PM): 0.02 g/kW-hr

[EPA Tier Certification Certificate CDZXL04.1014-018 demonstrates compliance with these emission standards as required under 40 CFR §§ 1039.101 and 1039.102.]

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

This source consists of a 2012 Deutz LCD model L4 diesel engine, 99 HP, powering the Extec screen, Source ID 202.

Engine is certified under certificate CDZXL04.1014-018 to EPA Interim Tier 4 emissions. Emissions factors from EPA tier testing are:

**SECTION D. Source Level Requirements**

NO _x - 3.0 g/kW-hr	CO- 0.1 g/kW-hr
PM- 0.01 g/kW-hr	NMHC (VOC)- 0.02 g/kW-hr

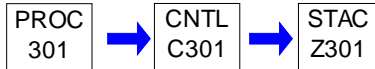
**SECTION D. Source Level Requirements**

Source ID: 301

Source Name: SANDVIK QE 241 SCREEN

Source Capacity/Throughput: 300.000 Tons/HR STONE; CONCRETE

Conditions for this source occur in the following groups: PROCESS PLANTS

**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.**

This source consists of a Sandvik screen, model QE 241, 300 tons/hr, powered by a 2016 Caterpillar C3.4b 75 HP diesel engine, Source ID 301B.

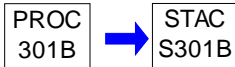
**SECTION D. Source Level Requirements**

Source ID: 301B

Source Name: CATERPILLAR C3.4B ENGINE FOR SOURCE ID 301

Source Capacity/Throughput: 10.000 Gal/HR DIESEL

Conditions for this source occur in the following groups: ENGINES

**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.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall meet the following Tier 4 19=<kW=<56 emission standards:

Non-methane hydrocarbon + NOx (NMHC + NOx): 4.7 g/kW-hr

Carbon Monoxide (CO): 5.0 g/kW-hr

Particulate matter (PM): 0.03 g/kW-hr

[EPA Tier Certification Certificate GFPXL03.4BPC-013 demonstrates compliance with these emission standards as required under 40 CFR §§ 1039.101 and 1039.102.]

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

This source consists of a 2016 Caterpillar C3.4b, serial number CJG07014, 75 HP diesel engine that powers the Sandvik screen, model QE 241, Source ID 301. Certified under certificate GFPXL03.4BPC-013 to EPA Tier 4 emissions. Emissions factors from EPA tier testing are:

**SECTION D. Source Level Requirements**

NO _x - 4.29 g/kW-hr	CO- 0.1 g/kW-hr
PM- 0.02 g/kW-hr	NMHC (VOC)- 0.04 g/kW-hr

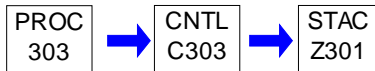
**SECTION D. Source Level Requirements**

Source ID: 303

Source Name: P100 SANDVIK JAW CRUSHER QJ341

Source Capacity/Throughput: 300.000 Tons/HR STONE; CONCRETE

Conditions for this source occur in the following groups: PROCESS PLANTS

**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.**

This source consists of a Sandvik Jaw crusher model QJ 341, 300 tons per hour, powered by a 2017 Caterpillar C9.3 diesel engine, Source ID 304.

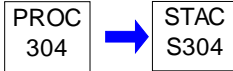
**SECTION D. Source Level Requirements**

Source ID: 304

Source Name: CATERPILLAR C9.3 ENGINE FOR SOURCE ID 303

Source Capacity/Throughput: 19.500 Gal/HR DIESEL

Conditions for this source occur in the following groups: ENGINES

**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.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall meet the following Tier 4 130=<kW=<560 emission standards:

NOx: 0.4 g/kW-hr

Non-methane hydrocarbon (NMHC): 0.19 g/kW-hr

Carbon Monoxide (CO): 3.5 g/kW-hr

Particulate matter (PM): 0.02 g/kW-hr

[EPA Tier Certification Certificate HCPXL09.3HTF-020 demonstrates compliance with these emission standards as required under 40 CFR §§ 1039.101 and 1039.102.]

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

This source consists of a 2017 Caterpillar C9.3, serial number CS9014SF, 350 HP diesel engine that powers the Sandvik jaw crusher, Source ID 303. Engine is certified under certificate HCPXL09.3HTF-020 to EPA Tier 4 emissions. Emissions factors from EPA tier testing are:

**SECTION D. Source Level Requirements**

NO _x - 0.05 g/kW-hr	CO- 0.1 g/kW-hr
PM- 0.01 g/kW-hr	NMHC (VOC)- 0.02 g/kW-hr

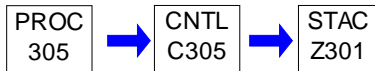
**SECTION D. Source Level Requirements**

Source ID: 305

Source Name: JAW CRUSHER-KEESTRACK B3

Source Capacity/Throughput: 280.000 Tons/HR STONE; CONCRETE

Conditions for this source occur in the following groups: PROCESS PLANTS

**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.**

This source consists of a Keestrack jaw crusher, 2020 model B3 280 ton/hr, powered by a 2020 Volvo model 870VE 218 HP diesel engine.

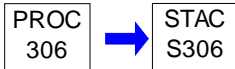
**SECTION D. Source Level Requirements**

Source ID: 306

Source Name: VOLVO PENTA 870 VE ENGINE FOR SOURCE ID 305

Source Capacity/Throughput: 15.000 Gal/HR Diesel Fuel

Conditions for this source occur in the following groups: ENGINES

**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.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall meet the following Tier 4 130=<kW=<560 emission standards:

NOx (NMHC + NOx): 0.40 g/kW-hr

Non-methane hydrocarbon (NMHC): 0.19 g/kW-hr

Carbon Monoxide (CO): 3.5 g/kW-hr

Particulate matter (PM): 0.02 g/kW-hr

[EPA Tier Certification Certificate LVPXL07.7CJA-004 demonstrates compliance with these emission standards as required under 40 CFR §§ 1039.101 and 1039.102.]

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

Source consists of a 2020 Volvo Penta model 870VE 218 HP diesel engine, which powers the Keestrack jaw crusher Source ID 305. Engine certified under certificate LVPXL07.7CJA-004 to EPA Tier 4 emissions. Emissions factors from EPA tier testing are:

**SECTION D. Source Level Requirements**

NO_x- 0.23 g/kW-hr
CO- 0.10 g/kW-hr
PM- 0.02 g/kW-hr
NMHC (VOC)- 0.01 g/kW-hr

**SECTION D. Source Level Requirements**

Source ID: 307 Source Name: KEESTRACK C4 MOBILE SCREEN
 Source Capacity/Throughput: 300.000 Tons/HR STONE; CONCRETE

Conditions for this source occur in the following groups: PROCESS PLANTS

**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.

This source consists of an Keestrack vibratory screen, model C4 , 300 tons per hour, powered by a 2020 Cummins diesel engine model F3.8.

**SECTION D. Source Level Requirements**

Source ID: 308

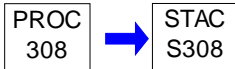
Source Name: CUMMINS F3.8 ENGINE FOR SOURCE ID 307

Source Capacity/Throughput:

8.000 Gal/HR

Diesel Fuel

Conditions for this source occur in the following groups: ENGINES

**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.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall meet the following Tier 4 19=<kW=<56 emission standards:

Non-methane hydrocarbon + NO_x (NMHC + NO_x): 4.7 g/kW-hr

Carbon Monoxide (CO): 5.0 g/kW-hr

Particulate matter (PM): 0.03 g/kW-hr

[EPA Tier Certification Certificate LCEXL03.8AAC-018 demonstrates compliance with these emission standards as required under 40 CFR §§ 1039.101 and 1039.102.]

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

Source consists of a 2020 Cummins model F3.8 74 HP diesel engine, which powers the Keestrack vibratory Source ID 307. Engine certified under certificate LCEXL03.8AAC-018 to EPA Tier 4 emissions. Emissions factors from EPA tier testing are:

**SECTION D. Source Level Requirements**

NO_x- 4.25 g/kW-hr
CO- 0.01 g/kW-hr
PM- 0.03 g/kW-hr
NMHC (VOC)- 0.01 g/kW-hr

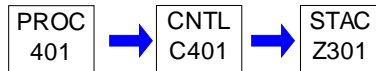
**SECTION D. Source Level Requirements**

Source ID: 401

Source Name: SANDVIK CRUSHER QJ 241

Source Capacity/Throughput: 200.000 Tons/HR STONE; CONCRETE

Conditions for this source occur in the following groups: PROCESS PLANTS

**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.**

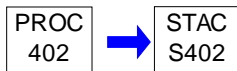
This source consists of a Sandvik crusher model QJ 241, 200 tons per hour, powered by a 2014 Caterpillar C7.1 diesel engine.

**SECTION D. Source Level Requirements**

Source ID: 402

Source Name: CATERPILLAR ENGINE C7.1 FOR SOURCE ID 401

Source Capacity/Throughput: 17.000 Gal/HR DIESEL

**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.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall meet the following Tier 4 130=<kW=<560 emission standards:

NOx: 0.4 g/kW-hr

Non-methane hydrocarbon (NMHC): 0.19 g/kW-hr

Carbon Monoxide (CO): 3.5 g/kW-hr

Particulate matter (PM): 0.02 g/kW-hr

[EPA Tier Certification Certificate EPKXL07.0BN1-003 demonstrates compliance with these emission standards as required under 40 CFR §§ 1039.101 and 1039.102.]

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

This source consists of a 2014 Caterpillar C7.1 engine, serial number 77001125, 225 HP, that powers the Sandvik crusher model QJ 241, Source ID 401. Engine is certified under certificate EPKXL07.0BN1-003 to EPA Tier 4 emissions.

Emissions factors from EPA tier testing are:

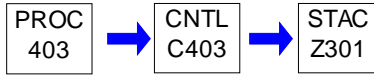
**SECTION D. Source Level Requirements**

NO _x - 0.2 g/kW-hr	CO- 0.1 g/kW-hr
PM- 0.001 g/kW-hr	NMHC (VOC)- 0.01 g/kW-hr

**SECTION D. Source Level Requirements**

Source ID: 403 Source Name: JCI FT300 CONE CRUSHER
 Source Capacity/Throughput: 460.000 Tons/HR STONE; CONCRETE

Conditions for this source occur in the following groups: PROCESS PLANTS

**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.

This source consists of a JCI cone crusher model FT 300, 460 tons per hour, powered by a 2007 Caterpillar C13 diesel engine, Source ID 404.

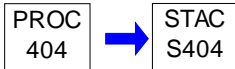
**SECTION D. Source Level Requirements**

Source ID: 404

Source Name: CATERPILLAR C13 ENGINE FOR SOURCE ID 403

Source Capacity/Throughput: 22.000 Gal/HR DIESEL

Conditions for this source occur in the following groups: ENGINES

**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.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall meet the following Tier 3 130=<kW=<560 emission standards:

Non-methane hydrocarbon + NOx (NMHC + NOx): 4.0 g/kW-hr

Carbon Monoxide (CO): 3.5 g/kW-hr

Particulate matter (PM): 0.2 g/kW-hr

[EPA Tier Certification Certificate CPX-NRCI-07-04 demonstrates compliance with these emission standards as required under 40 CFR §§ 1039.101 and 1039.102.]

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

This source consists of a 2007 Caterpillar C13 diesel engine, serial number I GK07996A, 460 HP that powers the JCI crusher, Source ID 403. Engine is certified under certificate CPX-NRCI-07-04 to EPA Tier 3 emissions. Emissions factors from EPA tier testing are:

**SECTION D. Source Level Requirements**

NO _x - 3.6 g/kW-hr	CO- 2.2 g/kW-hr
PM- 0.1 g/kW-hr	NMHC (VOC)- 0.17 g/kW-hr

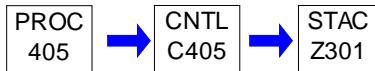
**SECTION D. Source Level Requirements**

Source ID: 405

Source Name: SANDVIK QI341 IMPACT CRUSHER

Source Capacity/Throughput: 200.000 Tons/HR STONE; CONCRETE

Conditions for this source occur in the following groups: PROCESS PLANTS

**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.**

This source consists of a Sandvik impact crusher model QI 341, serial number QI34100378, 200 tons per hour, powered by a 2017 Caterpillar C9.3 diesel engine, Source ID 406.

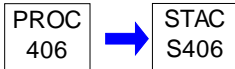
**SECTION D. Source Level Requirements**

Source ID: 406

Source Name: CATERPILLAR C9.3 ENGINE FOR SOURCE ID 405

Source Capacity/Throughput: 19.500 Gal/HR DIESEL

Conditions for this source occur in the following groups: ENGINES

**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.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall meet the following Tier 4 130=<kW=<560 emission standards:

NOx: 0.4 g/kW-hr

Non-methane hydrocarbon (NMHC): 0.19 g/kW-hr

Carbon Monoxide (CO): 3.5 g/kW-hr

Particulate matter (PM): 0.02 g/kW-hr

[EPA Tier Certification Certificate HCPXL09.3HTF-020 demonstrates compliance with these emission standards as required under 40 CFR §§ 1039.101 and 1039.102.]

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

This source consists of a 2017 Caterpillar C9.3 diesel engine, serial number CS900856, 350 HP, that powers the Sandvik impact crusher, Source ID 405. Engine is certified under certificate HCPXL09.3HTF-020 to EPA Tier 4 emissions.

Emissions factors from EPA tier testing are:

**SECTION D. Source Level Requirements**

NO _x - 0.05 g/kW-hr	CO- 0.1 g/kW-hr
PM- 0.01 g/kW-hr	NMHC (VOC)- 0.02 g/kW-hr

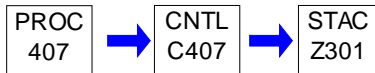
**SECTION D. Source Level Requirements**

Source ID: 407

Source Name: SANDVIK SCREEN QE341

Source Capacity/Throughput: 600.000 Tons/HR STONE; CONCRETE

Conditions for this source occur in the following groups: PROCESS PLANTS

**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.**

This source consists of a Sandvik screen model QE 341, serial number QE341-10019, 600 tons per hour, powered by a 2017 Caterpillar C4.4 diesel engine, Source ID 408.

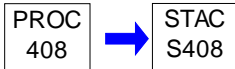
**SECTION D. Source Level Requirements**

Source ID: 408

Source Name: CATERPILLAR C4.4 ENGINE FOR SOURCE ID 407

Source Capacity/Throughput: 10.000 Gal/HR DIESEL

Conditions for this source occur in the following groups: ENGINES

**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.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall meet the following Tier 3 $37 \leq kW \leq 75$ emission standards:

Non-methane hydrocarbon + NO_x (NMHC + NO_x): 4.7 g/kW-hr

Carbon Monoxide (CO): 5.0 g/kW-hr

Particulate matter (PM): 0.4 g/kW-hr

[EPA Tier Certification Certificate JPKXL04.4NP1-011 demonstrates compliance with these emission standards as required under 40 CFR §§ 1039.101 and 1039.102.]

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

This source consists of a 2017 Caterpillar C4.4 diesel engine, serial number 44623699, 100 HP, that powers the Sandvik QE 341 screen, Source ID 407. Engine is certified under certificate JPKXL04.4MK1-002 to EPA Tier 3 emissions.

Emissions factors from EPA tier testing are:

**SECTION D. Source Level Requirements**

NO _x - 4.17 g/kW-hr	CO- 1.4 g/kW-hr
PM- 0.17 g/kW-hr	NMHC (VOC)- 0.26 g/kW-hr

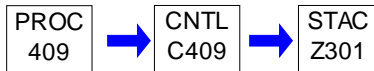
**SECTION D. Source Level Requirements**

Source ID: 409

Source Name: SANDVIK QE 342 SCREEN

Source Capacity/Throughput: 600.000 Tons/HR STONE; CONCRETE

Conditions for this source occur in the following groups: PROCESS PLANTS

**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.**

This source consists of a Sandvik screen model QE 342, 600 tons per hour, serial number QE342-10049, that is powered by a 2019 Caterpillar C4.4 diesel engine, Source ID 410.

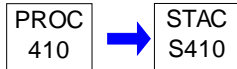
**SECTION D. Source Level Requirements**

Source ID: 410

Source Name: CATERPILLAR C4.4 ENGINE FOR SOURCE ID 409

Source Capacity/Throughput: 10.000 Gal/HR DIESEL

Conditions for this source occur in the following groups: ENGINES

**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.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall meet the following Tier 3 $37 \leq kW \leq 75$ emission standards:

Non-methane hydrocarbon + NO_x (NMHC + NO_x): 4.7 g/kW-hr

Carbon Monoxide (CO): 5.0 g/kW-hr

Particulate matter (PM): 0.4 g/kW-hr

[EPA Tier Certification Certificate KPKXL04.4NP1-015 demonstrates compliance with these emission standards as required under 40 CFR §§ 1039.101 and 1039.102.]

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

This source consists of a 2019 Caterpillar C4.4 diesel engine, serial number JKT11832, 100 HP, that powers the Sandvik QE 342 screen, Source ID 409. Engine is certified under certificate KPKXL04.4NP1-015 to EPA Tier 3 emissions.

Emissions factors from EPA tier testing are:

**SECTION D. Source Level Requirements**

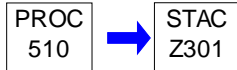
NO _x - 4.17 g/kW-hr	CO- 1.4 g/kW-hr
PM- 0.17 g/kW-hr	NMHC (VOC)- 0.26 g/kW-hr

**SECTION D. Source Level Requirements**

Source ID: 510

Source Name: CONVEYORS FOR PROCESSING PLANTS

Source Capacity/Throughput:

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

This source consists of 10 conveyors , numbers 1-20, used with the processing plants. Conveyor capacity varies from 300 - 460 tons per hours.

**SECTION E. Source Group Restrictions.**

Group Name: ENGINES

Group Description: Engines for all processing equipment

Sources included in this group

ID	Name
114	CATERPILLAR ENGINE C4.4 FOR SOURCE 113B
202B	DEUTZ LCD ENGINE FOR SOURCE ID 202
301B	CATERPILLAR C3.4B ENGINE FOR SOURCE ID 301
304	CATERPILLAR C9.3 ENGINE FOR SOURCE ID 303
306	VOLVO PENTA 870 VE ENGINE FOR SOURCE ID 305
308	CUMMINS F3.8 ENGINE FOR SOURCE ID 307
404	CATERPILLAR C13 ENGINE FOR SOURCE ID 403
406	CATERPILLAR C9.3 ENGINE FOR SOURCE ID 405
408	CATERPILLAR C4.4 ENGINE FOR SOURCE ID 407
410	CATERPILLAR C4.4 ENGINE FOR SOURCE ID 409

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of particulate matter from these engines in excess of 0.04 gr/dscf, pursuant to 25 Pa. Code § 123.13 (c)(1)(i).

002 [25 Pa. Code §123.31]**Limitations**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from these sources in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 ppmvd.

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

Visible emissions from the engines shall not exceed the following:

- (a) Equal to or greater than 10% for a period or periods aggregating more than three (3) minutes in any one (1) hour; and
- (b) Equal to or greater than 30% at any time.

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

The combine emissions from all engines in this group shall not exceed the following 12-month rolling total emissions limits:

NO_x – 10.50 tons
 CO – 5.00 tons
 PM – 1.00 tons

Operation Hours Restriction(s).**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Operation of each engine in this group is limited to less than 3,000 hr/yr for each engine on a 12-month rolling basis.

**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).

III. MONITORING REQUIREMENTS.**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall monitor the following on a monthly and 12-month rolling basis for each engine:

- (a) Hours of operation.
- (b) Amount of fuel used.

IV. RECORDKEEPING REQUIREMENTS.**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall record the following on a monthly and 12-month rolling basis for each engine:

- (a) Hours of operation.
- (b) Amount of fuel used.

008 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall calculate and record the combined NO_x, CO, and PM emissions from the engines in this group on a monthly and 12-month rolling basis.

(b) The permittee shall use emissions factors from one of the following to calculate emissions:

- (i) the most recent version of the EPA's AP-42: Compilation of Air Pollutant Emission Factors;
- (ii) manufacturer certification data;
- (iii) recent stack test results; or
- (iv) other Department approved emissions factors.

009 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall keep records of the hours of operation, fuel usage, equipment specifications, maintenance and emissions as required for each source in a written or digital format at the facility. The records shall be available for Department review upon request. Records shall be retained for 5 years.

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.**# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall operate and maintain the engines according to manufacturer's instructions and only change emissions related settings as permitted by the manufacturer.

011 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

Each engine in this group shall be equipped with a non-resettable hour meter.

VII. ADDITIONAL REQUIREMENTS.**# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This group consists of eleven (11) engines, ranging in HP from 74 HP to 460 HP, that power the equipment in Section E, Group Process Equipment and Group Conveyors. No other engines are included in this group.

**SECTION E. Source Group Restrictions.**

All engines in this group are certified to EPA tier emissions standards as required under 40 CFR §§ 1039.101 and 1039.102. Individual certification certificate numbers and emissions certified to are listed in Section D, Additional Requirements for each engine.

**SECTION E. Source Group Restrictions.**

Group Name: PROCESS PLANTS

Group Description: All crushers, screens, conveyors and processing equipment

Sources included in this group

ID	Name
113B	SANDVIK QA 451 SCREEN
202	EXTEC S3 SCREEN
301	SANDVIK QE 241 SCREEN
303	P100 SANDVIK JAW CRUSHER QJ341
305	JAW CRUSHER-KEESTRACK B3
307	KEESTRACK C4 MOBILE SCREEN
401	SANDVIK CRUSHER QJ 241
403	JCI FT300 CONE CRUSHER
405	SANDVIK QI341 IMPACT CRUSHER
407	SANDVIK SCREEN QE341
409	SANDVIK QE 342 SCREEN

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

No person may permit the emission into the outdoor atmosphere of a fugitive air contaminant from this source, pursuant to 25 Pa. Code § 123.1.

[Compliance with this condition assures compliance with the requirements contained in 40 CFR § 60.672(b), Table 3.]

002 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The owner/operator shall comply with all conditions of 40 CFR Subpart OOO where applicable. Whenever a conflict occurs, with any of the regulations listed below, the owner/operator shall, in all cases, meet the more stringent requirement:

- (i) 25 Pa. Code §§ 123.1, 123.2, and 123.13(c)
- (ii) 40 CFR § 60.672(b)

003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.672]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants
Standard for particulate matter.**

(a) Opacity shall not exceed 12% at any time from any crusher.

(b) Opacity shall not exceed 7% at any time from any screen or conveyor transfer point.

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

Operation Hours Restriction(s).**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall limit operation of each processing plant in this group to 10 hours a day and 3,000 hours per year, based on a 12-month rolling total.

**SECTION E. Source Group Restrictions.****Throughput Restriction(s).****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

No material containing asbestos shall be processed by these processing plants.

Control Device Efficiency Restriction(s).**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The water spray suppression system shall be operated on any occasions that this source is in operation, except in the unusual instances where conditions are such that operation of the sources without simultaneous operation of the water spray suppression system can take place without creating air contaminant emissions in excess of the limitations specified in any applicable Department rule, federal regulation or state regulation. If, however, the water spray dust suppression system associated with this source is incapable of operation due to weather conditions or other reason, the source may not be operated at all.

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.**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) For each processing plant when in operation, the permittee shall monitor the following:

(1) Dates the processing plant is operated with hours of operation for each day. The hours shall be tracked via the non-resettable hour meter on the diesel engine operated as part of the plant. Total operating hours shall be totaled on a monthly and 12-month rolling basis.

(2) Water pressure of the water spray dust suppression system on a daily basis.

(3) Plant production rate on a daily basis.

008 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

When a processing plant is operating, the permittee shall perform daily inspections to ensure that water is flowing to the spray nozzles of the wet suppression system. If the permittee finds that water is not flowing properly during an inspection of the water spray nozzles or the pressure gauge is inoperable, the permittee shall not operate the plant and shall initiate corrective action within 2 hours and complete corrective action as expeditiously as practical.

[Compliance with this streamlined condition ensures compliance with the requirements contained in 40 CFR Section 60.674(b).]

009 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

When a processing plant in this group is operating, the plant shall be monitored daily for fugitive emissions.

IV. RECORDKEEPING REQUIREMENTS.**# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall keep records of the following for each processing plant when operating:

(1) The daily production rates.

(2) The total hours of operation on a daily, monthly and 12-month rolling basis

(3) For the wet suppression system:

(i) Daily water pressure measurement with date and time of measurement.

**SECTION E. Source Group Restrictions.**

- (ii) Daily inspection with date and time of inspection
 - (iii) Any dates on which conditions allowed for the operation of the plant without the wet suppression system as allowed in Condition #006
 - (iv) Any corrective actions taken for malfunctions. Record shall include date, item(s) that failed and summary of repair.
- (4) The daily monitoring of fugitive emissions.
- (b) The permittee shall calculate and record the total PM emissions from the processing plants on a monthly and 12-month rolling basis using EPA AP-42 Chapter 11.9 or other Department approved method. Emissions shall be calculated for all operating hours, including those when the plant is located at a temporary location.

011 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority from 40 CFR § 60.676(b)(1)]

The permittee must keep the records onsite and make hard or electronic copies available to the Department upon request. Records must be retained for 5 years.

012 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

- (a) The permittee shall keep records of the following for each instance a processing plant is used at a temporary location:
- (1) The location of the equipment.
 - (2) A list of equipment associated with the processing plant.
 - (3) Date equipment moved to temporary location and date returned to facility.

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.**# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) The permittee shall operate and maintain these processing plants and associated air pollution control device in accordance with manufacturer's specifications and good air pollution control practices.
- (b) Each plant in the group shall be equipped with a wet suppression (water spray) system including a pressure gauge.
- (c) The permittee shall ensure all materials processed are sufficiently wetted to prevent any fugitive dust emissions. Sufficiently wetted shall be interpreted to mean that the materials processed shall contain enough moisture so as to not create fugitive particulate matter emissions.
- (d) Individual processing plants shall not be operated if any component of their water suppression system, including pressure gauge, is not working, malfunctions, and/or is determined to have reduced control efficiency.
- (e) The permittee shall use all reasonable means to control fugitive dust emissions from paved and unpaved roadways and stockpiles on the property.

VII. ADDITIONAL REQUIREMENTS.**# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall be authorized to operate the portable nonmetallic mineral processing plants at multiple temporary locations provided it meets all of the following conditions:

- (a) The permittee shall provide written notification to the Department including the destination and duration of each temporary change of location prior to the move. The written notification shall include, at a minimum:

**SECTION E. Source Group Restrictions.**

- (1) the intended temporary location;
 - (2) a listing of any associated equipment intended to be operated in conjunction with the portable processing plant(s); and
 - (3) the anticipated duration (including the starting and ending dates) at the temporary location.
- (b) Relocation places:
- (1) If the duration of the temporary location is less than 60 days, the permittee shall keep written records of the relocation as required in Condition #012.
 - (2) If the intended temporary location is located within the Southeast region (Bucks, Chester, Delaware and Montgomery Counties), and the anticipated duration at the temporary location is equal to or greater than 60 days, the permittee shall:
 - (i) submit a written notification to the Department containing the information as listed in Condition #012 at least 30 days prior to relocation;
 - (ii) submit a written notification to the affected municipality; and
 - (iii) obtain any necessary permits or exemptions needed prior to relocation.
 - (3) If the intended temporary location is located outside of the Southeast region or the Commonwealth of Pennsylvania:
 - (i) the permittee shall submit the written notification to the appropriate Regional Office or governing agency; and
 - (ii) in addition, the permittee shall obtain all necessary permits required by the governing agency for the temporary location prior to the move.
- (c) The permittee shall not modify the processing plant(s) or its associated water spray dust suppression system(s) or diesel-fired engine(s).
- (d) The permittee shall operate and maintain the portable nonmetallic mineral processing plant(s) in accordance with all necessary regulations and permits that are required by the governing agency in which the source will be located.
- (e) The permittee shall maintain records or a permanent log, of all changes in location, which includes, for each location, the dates of transfer, hours of operation, and production data as required by conditions in this permit.
- (f) The permittee shall operate and maintain the portable nonmetallic mineral processing plant(s) in a manner consistent with good air pollution control practices and in accordance with manufacturer's specifications.
- (g) The Department shall receive written notice from the permittee prior to the expected date of return of the portable nonmetallic mineral processing plant(s) to its location for which a Plan Approval/Operating Permit was authorized. There shall be no modification of the processing plant(s) or its associated equipment and control device(s) when returned to the permitted facility.
- (h) The portable nonmetallic mineral processing plant(s) and all its associated equipment, dust suppression system, and diesel-fired engine(s) shall be made available at least sixty (60) days prior to the expiration of the plan approval or operating permit (returned and present at its permanent site) for plan approval/operating permit inspections, when necessary. An operating permit or plan approval extension shall not be issued without an inspection while in operation at the permitted facility.
- (i) This permit will only cover the processing plant(s) whose primary location is the physical location for which this permit is issued. If a processing plant is installed and/or operated permanently at a site other than that covered by this operating permit, the permittee shall ensure that the plant has the proper approvals, possibly including a plan approval or general permit, prior to installation or operation.

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Descriptor		
114	CATERPILLAR ENGINE C4.4 FOR SOURCE 113B		
Emission Limit		Pollutant	
5.000	Tons/Yr	Combined all engines, 12-month rolling total	CO
10.500	Tons/Yr	Combined all engines, 12-month rolling total	NOX
1.000	Tons/Yr	Combined all engines, 12-month rolling total	TSP
202B	DEUTZ LCD ENGINE FOR SOURCE ID 202		
Emission Limit		Pollutant	
5.000	Tons/Yr	Combined all engines, 12-month rolling total	CO
10.500	Tons/Yr	Combined all engines, 12-month rolling total	NOX
1.000	Tons/Yr	Combined all engines, 12-month rolling total	TSP
301B	CATERPILLAR C3.4B ENGINE FOR SOURCE ID 301		
Emission Limit		Pollutant	
5.000	Tons/Yr	Combined all engines, 12-month rolling total	CO
10.500	Tons/Yr	Combined all engines, 12-month rolling total	NOX
1.000	Tons/Yr	Combined all engines, 12-month rolling total	TSP
304	CATERPILLAR C9.3 ENGINE FOR SOURCE ID 303		
Emission Limit		Pollutant	
5.000	Tons/Yr	Combined all engines, 12-month rolling total	CO
10.500	Tons/Yr	Combined all engines, 12-month rolling total	NOX
1.000	Tons/Yr	Combined all engines, 12-month rolling total	TSP
306	VOLVO PENTA 870 VE ENGINE FOR SOURCE ID 305		
Emission Limit		Pollutant	
5.000	Tons/Yr	Combined all engines, 12-month rolling total	CO
10.500	Tons/Yr	Combined all engines, 12-month rolling total	NOX
1.000	Tons/Yr	Combined all engines, 12-month rolling total	TSP
308	CUMMINS F3.8 ENGINE FOR SOURCE ID 307		
Emission Limit		Pollutant	
5.000	Tons/Yr	Combined all engines, 12-month rolling total	CO
10.500	Tons/Yr	Combined all engines, 12-month rolling total	NOX
1.000	Tons/Yr	Combined all engines, 12-month rolling total	TSP
404	CATERPILLAR C13 ENGINE FOR SOURCE ID 403		
Emission Limit		Pollutant	
5.000	Tons/Yr	Combined all engines, 12-month rolling total	CO
10.500	Tons/Yr	Combined all engines, 12-month rolling total	NOX
1.000	Tons/Yr	Combined all engines, 12-month rolling total	TSP
406	CATERPILLAR C9.3 ENGINE FOR SOURCE ID 405		
Emission Limit		Pollutant	
5.000	Tons/Yr	Combined all engines, 12-month rolling total	CO
10.500	Tons/Yr	Combined all engines, 12-month rolling total	NOX

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description		
	1.000 Tons/Yr	Combined all engines, 12-month rolling total	TSP
408	CATERPILLAR C4.4 ENGINE FOR SOURCE ID 407		
	Emission Limit		Pollutant
	5.000 Tons/Yr	Combined all engines, 12-month rolling total	CO
	10.500 Tons/Yr	Combined all engines, 12-month rolling total	NOX
	1.000 Tons/Yr	Combined all engines, 12-month rolling total	TSP
410	CATERPILLAR C4.4 ENGINE FOR SOURCE ID 409		
	Emission Limit		Pollutant
	5.000 Tons/Yr	Combined all engines, 12-month rolling total	CO
	10.500 Tons/Yr	Combined all engines, 12-month rolling total	NOX
	1.000 Tons/Yr	Combined all engines, 12-month rolling total	TSP

Site Emission Restriction Summary

Emission Limit	Pollutant	
12.500 Tons/Yr	Total PM Combined all sources, 12-month rolling total	TSP

**SECTION H. Miscellaneous.**

September 2024: AUTH 1424353; APS 1079468

Initial NMOP for Gill Quarries site based on existing GP-3 and GP-9 permits. Several crushers and screens with associated engines included in permit; all equipment is allowed to be used at a temporary site with proper permit compliance. Individual equipment included in permit instead of groups due to new equipment being added and old equipment being retired on a regular basis. This is to prevent confusing equipment covered by this permit with newly added equipment needing a plan approval or permit.



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