



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

December 5, 2018

Mr. Curt Mitchell
Facility Director
Richard E. Pierson Material Corporation
PO Box 704
Bridgeport, NJ 08014-0704

Re: Application No. 09-0241
Plan Approval Issuance
APS ID No. 969158, AUTH ID No. 1230811
East Rockhill Township
Bucks County

Dear Mr. Mitchell:

Please find enclosed a Department of Environmental Protection's (DEP) Plan Approval to construct, modify, reactivate, or install an air cleaning device on an air contamination source. This Plan Approval contains special conditions which must be fulfilled. Failure to do so violates Section 127.25 of DEP rules and regulations, which may result in enforcement action and denial of an Operating Permit.

With this Plan Approval, RE Pierson will be able to construct the crusher and related facilities, however the existing Surface Mining Permit will need to be revised, with the revision approved in writing, before the new crushing plant and related facilities can be fully operational.

A DEP Operating Permit will be issued if (1) the special conditions incorporated within the Plan Approval have all been fulfilled; (2) DEP is satisfied that the project was carried out as proposed in the application, and that the operation of the source(s) and any associated air pollution control equipment conforms with the operational information stated on the application; and (3) the DEP is satisfied that the air contaminant emissions from the source(s) comply with the requirements specified in, or established pursuant to, all applicable DEP rules and regulations.

Any person aggrieved by this action may appeal the action to the Environmental Hearing Board (Board), pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. § 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A. The Board's address is:

Environmental Hearing Board
Rachel Carson State Office Building, Second Floor
400 Market Street
P.O. Box 8457
Harrisburg, PA 17105-8457

TDD users may contact the Environmental Hearing Board through the Pennsylvania Relay Service, 800-654-5984.

Appeals must be filed with the Board within 30 days of receipt of notice of this action unless the appropriate statute provides a different time. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

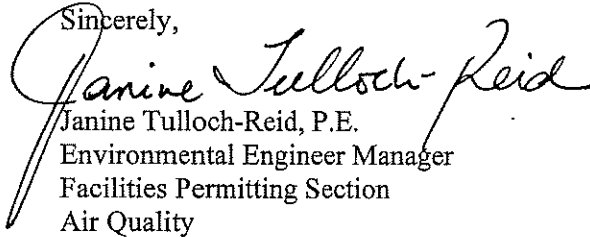
A Notice of Appeal form and the Board's rules of practice and procedure may be obtained online at <http://ehb.courtapps.com> by contacting the Secretary to the Board at 717-787-3483. The Notice of Appeal form and the Board's rules are also available in braille and on audiotape from the Secretary to the Board.

IMPORTANT LEGAL RIGHTS ARE AT STAKE. YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD AT 717-787-3483 FOR MORE INFORMATION. YOU DO NOT NEED A LAWYER TO FILE A NOTICE OF APPEAL WITH THE BOARD.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST BE FILED WITH AND RECEIVED BY THE BOARD WITHIN 30 DAYS OF RECEIPT OF NOTICE OF THIS ACTION.

If you have any questions concerning this matter, please contact me at the phone number located in the first page footer.

Sincerely,


Janine Tulloch-Reid, P.E.
Environmental Engineer Manager
Facilities Permitting Section
Air Quality

Enclosure

cc: PADEP, Harrisburg, Division of Permits
Mr. Colston – Facilities Permitting Section
Ms. Gallagher, EGM
Mr. Mountain, Bucks County District Supervisor
File No. 09-0241
Re (VMC18) 334



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date: December 5, 2018

Effective Date: December 5, 2018

Expiration Date: May 30, 2020

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 construct, install, modify or reactivate the air emission source(s) more fully described in the site inventory list. This Facility is subject to all terms and conditions specified in this plan approval. Nothing in this plan approval 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 plan approval condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated as "State-Only" requirements.

Plan Approval No. 09-0241

Federal Tax Id - Plant Code: 22-2975097-3

Owner Information

Name: RICHARD E PIERSON MATERIALS CORP

Mailing Address: PO BOX 714
BRIDGEPORT, NJ 08014-0714

Plant Information

Plant: HANSON AGGREGATES RICHARD E PIERSON OPR

Location: 09 Bucks County 09922 East Rockhill Township
SIC Code: 1422 Mining - Crushed And Broken Limestone

Responsible Official

Name: JIM ALLEN
Title: QUARRY GENERAL MANAGER
Phone: (856) 467 - 1421

Plan Approval Contact Person

Name: JIM ALLEN
Title: QUARRY GENERAL MANAGER
Phone: (856) 467 - 1421

[Signature]


JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER

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Note: These same sub-sections are repeated for each source!

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SECTION A. Plan Approval Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
101	1,000-TPH NON-METALLIC MINERAL PROCESSING PLANT	1,000.000 Tons/HR	DIABASE STONE
C101	WET DUST SUPPRESSION SYSTEM	N/A	
Z101	FUGITIVE PARTICULATE MATTER		

PERMIT MAPS

**SECTION B. General Plan Approval Requirements**

competitive position of that person by revealing trade secrets, including intellectual property rights, the Department will consider the record, report or information, or particular portion thereof confidential in the administration of the act. The Department will implement this section consistent with sections 112(d) and 114(c) of the Clean Air Act (42 U.S.C.A. § § 7412(d) and 7414(c)). Nothing in this section prevents disclosure of the report, record or information to Federal, State or local representatives as necessary for purposes of administration of Federal, State or local air pollution control laws, or when relevant in a proceeding under the act.

#006 [25 Pa. Code § 127.12b]**Plan Approval terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code Section 127.13]

(a) This plan approval will be valid for a limited time, as specified by the expiration date contained on Page 1 of this plan approval. Except as provided in § § 127.11a and 127.215 (relating to reactivation of sources; and reactivation), at the end of the time, if the construction, modification, reactivation or installation has not been completed, a new plan approval application or an extension of the previous approval will be required.

(b) If construction has commenced, but cannot be completed before the expiration of this plan approval, an extension of the plan approval must be obtained to continue construction. To allow adequate time for departmental action, a request for the extension shall be postmarked at least thirty (30) days prior to the expiration date. The request for an extension shall include the following:

- (i) A justification for the extension,
- (ii) A schedule for the completion of the construction

If construction has not commenced before the expiration of this plan approval, then a new plan approval application must be submitted and approval obtained before construction can commence.

(c) If the construction, modification or installation is not commenced within 18 months of the issuance of this plan approval or if there is more than an 18-month lapse in construction, modification or installation, a new plan approval application that meets the requirements of 25 Pa. Code Chapter 127, Subchapter B (related to plan approval requirements), Subchapter D (related to prevention of significant deterioration of air quality), and Subchapter E (related to new source review) shall be submitted. The Department may extend the 18-month period upon a satisfactory showing that an extension is justified.

#007 [25 Pa. Code § 127.32]**Transfer of Plan Approvals**

(a) This plan approval may not be transferred from one person to another except when a change of ownership is demonstrated to the satisfaction of the Department and the Department approves the transfer of the plan approval in writing.

(b) Section 127.12a (relating to compliance review) applies to a request for transfer of a plan approval. A compliance review form shall accompany the request.

(c) This plan approval is valid only for the specific source and the specific location of the source as described in the application.

#008 [25 Pa. Code § 127.12(4) & 35 P.S. § 4008 & § 114 of the CAA]**Inspection and Entry**

(a) 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.

(b) The permittee shall also allow the Department to have access at reasonable times to said sources and associated air cleaning devices with such measuring and recording equipment, including equipment recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act and regulations adopted under the act.

**SECTION B. General Plan Approval Requirements**

- (i) Three years after the date on which a regulated substance is first listed under § 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 the Environmental Protection Agency 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 plan approval 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.

#013 [25 Pa. Code § 127.25]**Compliance Requirement**

A person may not cause or permit the operation of a source subject to § 127.11 (relating to plan approval requirements), unless the source and air cleaning devices identified in the application for the plan approval and the plan approval issued to the source, are operated and maintained in accordance with specifications in the application and conditions in the plan approval issued by the Department. A person may not cause or permit the operation of an air contamination source subject to this chapter in a manner inconsistent with good operating practices.

**SECTION C. Site Level Plan Approval Requirements**

fugitive emissions).

005 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

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 (3) minutes in any one (1) hour.
- (b) Equal to or greater than 60% at any time.

006 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

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)(1)-(9) (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

007 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

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.

008 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

No person may permit the open burning of material in the Southeast Air Basin except when the open burning operations results 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.

Throughput Restriction(s).**# 009 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) Only nonmetallic mineral may be processed at this facility. Nonmetallic mineral means any of the following minerals or any mixture of which the majority is any of the following minerals: diabase stone.

(b) Nonmetallic minerals do not include coals of any type.

SECTION C. Site Level Plan Approval Requirements

(e) Email all electronic submissions to both the PSIMS Administrator in Central Office and the Air Quality Program Manager for the Southeast Regional Office. Email addresses are provided below.

Central Office
RA-EPstacktesting@pa.gov

Southeast Region
RA-EPSEstacktesting@pa.gov

(f) The Department limits emails to 15 MB and PSIMS has a file size limitation of 100 MB for electronic files. Submit just one electronic file (convert any Microsoft Word or Excel files to an Adobe PDF format and combine them with the report or protocol), unless the submission contains CONFIDENTIAL information.

(g) If confidential information must be submitted, submit both a public copy, which has been redacted, and a confidential copy. The cover page of each submittal should state whether it is a "Public Copy" or "Confidential Copy" and each page of the latter must be marked "CONFIDENTIAL".

III. MONITORING REQUIREMENTS.**# 012 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.511.]

(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, which may cause annoyance or discomfort to the public noticed at the site property boundaries that are caused or may be caused by operations at the site, as well as fugitive particulate emissions that originated on-site and cross the property line, and visible emissions that originated on site shall:

- (1) be investigated;
- (2) be reported to the facility management, or individual(s) designated by the permittee;
- (3) have appropriate corrective action taken (for emissions that originate on-site); and
- (4) be recorded in a permanent written log.

013 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Visible emissions may be measured using either of the following:

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

IV. RECORDKEEPING REQUIREMENTS.**# 014 [25 Pa. Code §127.12b]****Plan approval 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 plan approval.

015 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

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

SECTION C. Site Level Plan Approval Requirements**V. REPORTING REQUIREMENTS.****# 022 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

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

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with 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.

(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 register and submit the RMP or a revised plan pursuant to §40 CFR Part 68.

023 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall submit all requests, reports, applications, submittals, and other communications to the Regional Office of the Department. The copies shall be forwarded to:

Regional Air Quality Manager
PA Department of Environmental Protection
2 East Main Street
Norristown, PA 19401-4915

**SECTION C. Site Level Plan Approval Requirements**

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 Section A of 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.

029 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

All trucks carrying product from the site must tarp their loads.

VII. ADDITIONAL REQUIREMENTS.**# 030 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) If construction has not commenced before the expiration of this Plan Approval, then a new Plan Approval application must be submitted and approval obtained before construction can commence.

(b) If the construction has commenced, but cannot be completed before the expiration of this Plan Approval, an extension of the expiration date must be obtained to continue construction. To assure acceptance, a request for an extension must be postmarked at least (30) days prior to the expiration date. The Department cannot issue an extension after the expiration date. The request shall include:

- (1) A justification for the extension,
- (2) A schedule for completion of construction, and, when required by the Department,
- (3) A re-analysis if Best Available Technology (BAT) as required by 25 Pa. Code §127.12 (a)(5).

031 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall ensure the following:

(a) the wind speed and wind direction shall be monitored continuously each operating day, in maximum increments of 30-60 seconds, by means of an automated weather station.

(b) If at any time the automated weather station does not monitor either wind speed or wind direction, then monitoring of wind speed and/or wind direction shall be performed manually and recorded at least twice each operating day until the weather station has been repaired or replaced and has resumed monitoring the wind speed and wind direction.

(c) If the automated weather station stops monitoring or recording the wind speed or wind direction as a result of a malfunction, within two (2) hours of discovery of the malfunction, the permittee shall take steps to have the automated weather station repaired or replaced; this may involve, but not be limited to, calling a service technician or submitting an order to have the automated weather station repaired or replaced.

032 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

(a) The permittee shall design and implement an air monitoring program prior to the operation of the crusher, for Department approval, to detect airborne asbestos fibers around the perimeter of the quarry prior to the operation of the crusher. The air monitoring program shall include, but not be limited to, a corrective action plan in the event airborne asbestos fibers are detected above the action level. This air monitoring will supplement, not replace, physical and visual inspection that is done in accordance with the Mining Permit.

(b) The action level are readings or calculated airborne asbestos fiber concentrations that exceed 0.01 fibers/cc.

(c) The permittee shall conduct daily air samples for the week prior to the commencement of operation of the crusher and during the first week of the operation of the crusher.

(d) Any airborne asbestos fiber levels that are found at and around the perimeter of the site, which exceed the action level expressed in paragraph (b) above, shall:

**SECTION C: Site Level Plan Approval Requirements**

(1) Submitted to and approved by DEP before the start of any construction or grading activity; and

(2) The provisions of that dust mitigation plan are implemented at the beginning and maintained throughout the duration of the construction or grading activity.

(c) All parties involved in the collection, processing, and analysis of potential asbestos containing aggregate shall implement the following guidelines specified in EPA's Method 435 to ensure more accurate and repeatable M435 asbestos content measurements which ultimately lead to better-informed decisions regarding naturally occurring asbestos related projects.

(1) Increase the number of random (grab) samples for each test in situations of observed heterogeneity. (M435 requires a minimum of three grab samples).

(2) If sampling from piles, use insertion tubes instead of round point shovels or use a front loader to obtain a smaller sample from various levels and locations of the larger pile before subsampling.

(3) Choose to sample aggregates on conveyor belts closest to the final product rather than piles if at all possible.

(4) Aim for a field sample volume of approximately two to three liters.

034 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.670]

Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants

Applicability and designation of affected facility.

The sources and equipment (i.e., crushers, feeders, conveyors, etc.) comprising the 1,00-tph non-metallic mineral processing plant (Source ID: 101) at the Richard E. Pierson Material Corp - Hanson Quarry are subject to 40 C.F.R. 60, Subpart 000 - Standards of Performance for Nonmetallic Processing Plants.

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this plan approval including Section B (relating to Plan Approval General Requirements).

IX. COMPLIANCE SCHEDULE

No compliance milestones exist.

**SECTION D. Source Level Plan Approval Requirements**

The permittee shall monitor the hours of operation of the 1,000-tph non-metallic mineral processing plant (Source ID: 101) on a daily basis.

005 [25 Pa. Code §127.12b]
Plan approval terms and conditions.

The permittee shall monitor the PM/PM10* emissions from the 1,000-tph non-metallic mineral processing plant (Source ID: 101) on a monthly basis.

[Note: *total particulate matter (PM) and particulate matter less than 10 microns (PM10).]

006 [25 Pa. Code §127.12b]
Plan approval terms and conditions.

The permittee shall monitor the visible and fugitive particulate emissions from the plant on a daily basis, when the plant is in operation.

007 [25 Pa. Code §127.12b]
Plan approval terms and conditions.

On a daily basis, the permittee shall monitor the throughput of stone through the 1,000-tph non-metallic mineral processing plant (Source ID: 101).

IV. RECORDKEEPING REQUIREMENTS.

008 [25 Pa. Code §127.12b]
Plan approval terms and conditions.

The permittee shall record the PM/PM10* emissions from the 1,000-tph non-metallic mineral processing plant (Source ID: 101) on a monthly basis.

[Note: *total particulate matter (PM) and particulate matter less than 10 microns (PM10).]

009 [25 Pa. Code §127.12b]
Plan approval terms and conditions.

The permittee shall record the hours of operation of the 1,000-tph non-metallic mineral processing plant (Source ID: 101) on a daily basis.

010 [25 Pa. Code §127.12b]
Plan approval terms and conditions.

The permittee shall keep records of the daily visible and fugitive particulate emissions readings from the non-metallic mineral processing plant when in operation.

011 [25 Pa. Code §127.12b]
Plan approval terms and conditions.

On a daily basis, the permittee shall calculate and record the throughput of stone through the 1,000-tph non-metallic mineral processing plant (Source ID: 101) on an average hourly basis.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

012 [25 Pa. Code §127.12b]
Plan approval terms and conditions.

(a) The wet dust suppression system (WDSS) (Source ID: C101) associated with the 1,000-tph non-metallic mineral processing plant (Source ID: 101) shall be operated on any and all occasions that the 1,000-tph non-metallic mineral processing plant (Source ID: 101) is operated, except in those unusual circumstances where processed materials contain

**SECTION D. Source Level Plan Approval Requirements**

- (7) 30" x 120' C24 Conveyor
- (8) two (2) 42" x 180' C12A and C12B Conveyors
- (9) 30" x 50' C26 Conveyor
- (10) Metso HP400 cone crusher (tertiary) (std. fines)
- (11) Metso HP400 cone crusher (quaternary) (sh. medium)
- (12) two (2) 8' x 24' 4-deck sizing screens
- (13) two (2) 48" x 30' fines C25A and C25B Conveyors
- (14) 48" x 256' C13 Conveyor
- (15) 48" x 100' C11 Conveyor
- (16) Metso GP300S cone crusher (extra course)
- (17) 5' x 14' 2-deck screen
- (18) 48" x 140' C10 Conveyor
- (19) 36" x 32' C14 Conveyor
- (20) 36" x 92' C15 Conveyor
- (21) 36" x 70' C16 Conveyor
- (22) 36" x 42' C17 Conveyor
- (23) 36" x 116' C18 Conveyor
- (24) 36" x 70" C19 Conveyor
- (25) 30" x 51' C20 Conveyor
- (26) 30" x 100' C21 Conveyor
- (27) 30" x 32" C22 Conveyor
- (28) 30" x 340' C23 Conveyor
- (29) 30" x 136' C24 Conveyor
- (30) 30" x 50' C27 (bypass) Conveyor
- (31) 30" x 100' C28 Radial Stacker Conveyor
- (32) 30" x 100' C29 Radial Stacker Conveyor
- (33) 30" x 100' C30 Radial Stacker Conveyor
- (34) 30" x 100' C31 Radial Stacker Conveyor

016 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.670]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Applicability and designation of affected facility.**

(a) The provisions of Subpart OOO are applicable to the following affected facilities in fixed or portable nonmetallic mineral processing plants: each crusher, grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, enclosed truck or railcar loading station.

(b) The owner or operator shall comply with all conditions of 40 CFR 60, Subpart OOO where applicable. Whenever a conflict occurs, with any of the regulations listed below, the owner or operator shall, in all cases, meet the more stringent requirement of 25 Pa. Code §§ 123.1, 123.2, and 123.13(c).

017 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.670]**Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Applicability and designation of affected facility.**

(a) When an existing facility is replaced by a piece of equipment of equal or smaller size, as defined in 40 CFR § 60.671, having the same function as the existing facility, and there is no increase in the amount of emissions, the new facility is exempt from the provisions of 40 CFR §§ 60.672, 60.674, and 60.675 except as provided for in paragraph (c).

(b) An owner or operator complying with paragraph (a) shall submit the information required in 40 CFR § 60.676(a).

(c) An owner or operator replacing all existing facilities in a production line with new facilities does not qualify for the exemption described in paragraph (a) and must comply with the provisions of 40 CFR §§ 60.672, 60.674 and 60.675.

018 [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.**

SECTION D. Source Level Plan Approval Requirements

on the average of the five 6-minute averages.

(c) To demonstrate compliance with the fugitive emission limits for buildings specified in 40 CFR § 60.672(e)(1), the owner or operator must complete the testing specified in paragraph (c)(1). Performance tests must be conducted while all affected facilities inside the building are operating.

(1) If the building encloses any affected facility that commences construction, modification, or reconstruction on or after April 22, 2008, the owner or operator of the affected facility must conduct an initial Method 9 (40 CFR part 60, appendix A-4) performance test according to Subpart OOO and 40 CFR § 60.11.

(d) The owner or operator may use the following as alternatives to the reference methods and procedures specified in Subpart OOO:

(1) If emissions from two or more facilities continuously interfere so that the opacity of fugitive emissions from an individual affected facility cannot be read, either of the following procedures may be used:

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

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

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

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

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

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

021 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]
Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants
Reporting and recordkeeping.

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

022 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]
Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants
Reporting and recordkeeping.

(a) Each owner or operator seeking to comply with 40 CFR § 60.670(d) shall submit to the Administrator the following information about the existing facility being replaced and the replacement piece of equipment.

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

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

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

(2) For a screening operation:

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

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

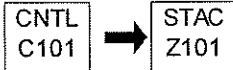
SECTION D. Source Level Plan Approval Requirements

Source ID: C101

Source Name: WET DUST SUPPRESSION SYSTEM

Source Capacity/Throughput:

N/A

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

#001 [25 Pa. Code §127.12b]
Plan approval terms and conditions.

- (a) The water flow rate shall be monitored daily.
- (b) The wet dust suppression system (WDSS) (Source ID: C101) shall be inspected daily, when the 1,000-tph non-metallic mineral processing plant (Source ID: 101) is operating, to include but not limited to, the following:
 - (1) spray nozzles for plugging, alignment and physical condition (i.e., broken nozzles).
 - (2) hoses for condition (i.e., cracks or holes), leaks and loose hose clamps.

IV. RECORDKEEPING REQUIREMENTS.

#002 [25 Pa. Code §127.12b]
Plan approval terms and conditions.

- The permittee shall record the following on a daily basis when the 1,000-tph non-metallic mineral processing plant (Source ID: 101) is operating:
- (a) the results of the inspection of the wet dust suppression system (WDSS) (Source ID: C101), as required in Condition #001.
 - (b) the results of the gauge readings of the water flow rate from the Dust Suppression Tanks 1 and 2, as appropriate and as required in Condition #006.
 - (c) the following records shall be kept if any components of the WDSS malfunction:
 - (1) the date, time, and type of malfunction
 - (2) the cause of the malfunction
 - (3) the corrective actions taken to correct the malfunction
 - (4) date, time and component replaced as a result of this inspection

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

SECTION E: Alternative Operation Requirements.

No Alternative Operations exist for this Plan Approval facility.



SECTION G. Miscellaneous.