



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM

STATE ONLY SYNTHETIC MINOR OPERATING PERMIT

Issue Date: December 19, 2025

Effective Date: September 1, 2026

Expiration Date: August 31, 2031

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: 28-05019

Synthetic Minor

Federal Tax Id - Plant Code: 23-1374051-92

Owner Information

Name: NEW ENTERPRISE STONE & LIME CO INC

Mailing Address: PO BOX 2009

CHAMBERSBURG, PA 17201-0809

Plant Information

Plant: NEW ENTERPRISE STONE & LIME CO INC/CHAMBERSBURG BLACKTOP

Location: 28 Franklin County

28908 Guilford Township

SIC Code: 2951 Manufacturing - Asphalt Paving Mixtures And Blocks

Responsible Official

Name: MICHAEL A CLARK

Title: VP - PRODUCTION SERVICES

Phone: (814) 766 - 2211

Email:

Permit Contact Person

Name: GREG J WILLI

Title: GEO-ENVIRONMENTAL TECH

Phone: (717) 267 - 2244 Ext.6449

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[Signature] \_\_\_\_\_

WILLIAM R. WEAVER, SOUTH CENTRAL REGION AIR PROGRAM MANAGER



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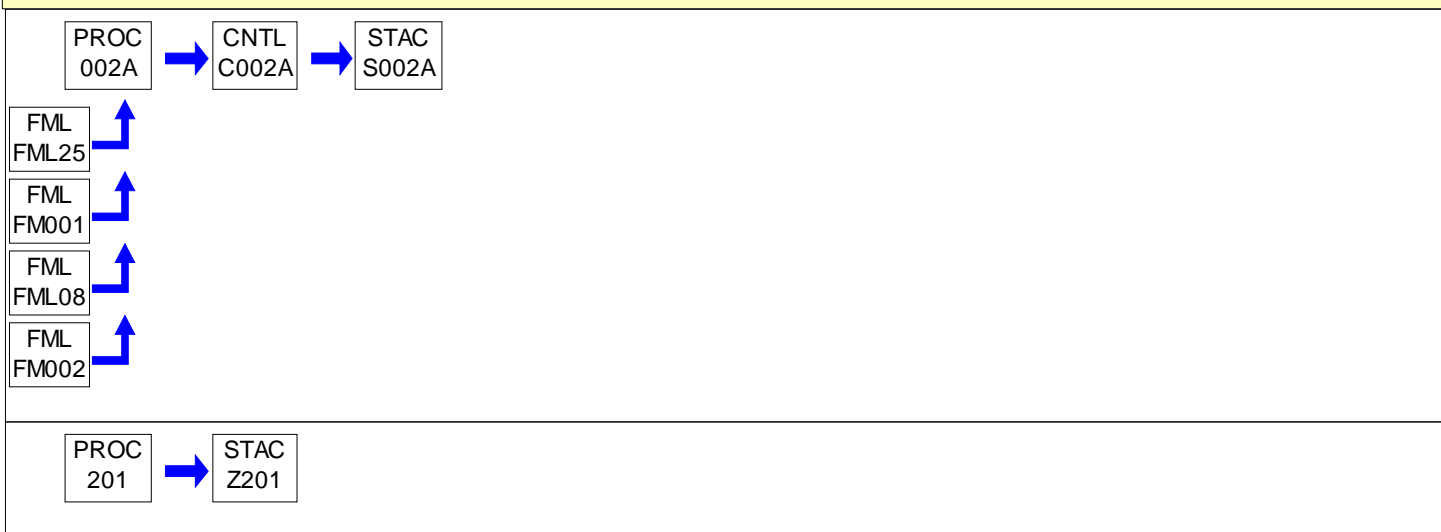
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
002A	NO. 2 BATCH ASPHALT PLANT	125.000 MMBTU/HR	
		875.000 Gal/HR	#4 Oil
		900.000 Gal/HR	Waste Oil
		912.000 Gal/HR	#2 Oil
		400.000 Tons/HR	ASPHALT
		125.000 MCF/HR	Natural Gas
201	REMOTE RESERVOIR COLD CLEANING MACHINE(S)	1.000 Lbs/HR	VOC
C002A	NO. 2 ASPHALT PLANT FABRIC COLLECTOR		
FM001	NO. 2 FUEL OIL		
FM002	NO. 4 FUEL OIL		
FML08	WASTE-DERIVED LIQUID FUEL OIL		
FML25	NATURAL GAS PIPELINE		
S002A	SOURCE C002A STACK		
Z201	SOURCE 201 FUGITIVE EMISSIONS		

**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.
  - (2) For a facility that is not a synthetic minor, a fee equal to:

**SECTION B. General State Only Requirements**

- (i) Two thousand dollars (\$2,000) for calendar years 2021—2025.
- (ii) Two thousand five hundred dollars (\$2,500) for calendar years 2026—2030.
- (iii) Three thousand one hundred dollars (\$3,100) for the calendar years beginning with 2031.

(b) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

**#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]****Transfer of Operating Permits.**

- (a) This operating permit may not be transferred to another person, except in cases of transfer-of-ownership that are documented and approved by the Department.
- (b) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership of the source shall be treated as an administrative amendment if the Department determines that no other change in the permit is required and a written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee and a compliance review form has been submitted to, and the permit transfer has been approved by, the Department.
- (c) This operating permit is valid only for those specific sources and the specific source locations described in this permit.

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

- (a) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Department or authorized representatives of the Department to perform the following:
  - (1) Enter at reasonable times upon the permittee's premises where a source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;
  - (2) Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
  - (3) Inspect at reasonable times, any facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;
  - (4) Sample or monitor, at reasonable times, any substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.
- (b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.
- (c) Nothing in this permit condition shall limit the ability of the EPA to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

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

- (a) The permittee shall comply with the conditions of this operating permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one or more of the following:
  - (1) Enforcement action

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(2) Permit termination, revocation and reissuance or modification

(3) Denial of a permit renewal application

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

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

**#008 [25 Pa. Code § 127.441]****Need to Halt or Reduce Activity Not a Defense.**

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

**#009 [25 Pa. Code §§ 127.442(a) & 127.461]****Duty to Provide Information.**

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

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

**#010 [25 Pa. Code § 127.461]****Revising an Operating Permit for Cause.**

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

(1) The permittee constructs or operates the source subject to the operating permit so that it is in violation of the Air Pollution Control Act, the Clean Air Act, the regulations thereunder, a plan approval, a permit or in a manner that causes air pollution.

(2) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.

(3) The permittee has failed to submit a report required by the operating permit or an applicable regulation.

(4) The EPA determines that the permit is not in compliance with the Clean Air Act or the regulations thereunder.

**#011 [25 Pa. Code §§ 127.450, 127.462, 127.465 & 127.703]****Operating Permit Modifications**

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

(b) Administrative Amendments. The permittee shall submit the application for administrative operating permit amendments (as defined in 25 Pa. Code § 127.450(a)), according to procedures specified in § 127.450 unless

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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<sub>x</sub> from a single source during the term of the permit and 5 tons of NO<sub>x</sub> 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 PM<sub>10</sub> from a single source during the term of the permit and 3.0 tons of PM<sub>10</sub> at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

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

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

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

(1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.



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

**#014 [25 Pa. Code § 127.3]****Operational Flexibility.**

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

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)
- (6) Section 127.462 (relating to minor operating permit modifications)
- (7) Subchapter H (relating to general plan approvals and general operating permits)

**SECTION B. General State Only Requirements****#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 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.

**SECTION B. General State Only Requirements****#019 [25 Pa. Code §§ 127.441(c) & 135.5]****Sampling, Testing and Monitoring Procedures.**

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

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

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

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

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

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

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

**#021 [25 Pa. Code § 127.441(a)]****Property Rights.**

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

**#022 [25 Pa. Code § 127.447]****Alternative Operating Scenarios.**

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

**#023 [25 Pa. Code § 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. §§ 4001-4015).

**SECTION B. General State Only Requirements****#024 [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.

**#025 [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 §123.1]****Prohibition of certain fugitive emissions**

The permittee shall not allow the emission into the outdoor atmosphere of a fugitive air contaminant from a source other than the following:

- (a) Construction or demolition of buildings or structures.
- (b) Grading, paving, and maintenance of roads and streets.
- (c) Use of roads and streets. Emissions from material in or on trucks, railroad cars, and other vehicular equipment are not considered as emissions from use of roads and streets.
- (d) Clearing of land.
- (e) Stockpiling of materials.
- (f) Open burning of clearing and grubbing wastes (trees, shrubs and other native vegetation which are cleared from land during or prior to the process of construction; does not include demolition wastes and dirt-laden roots).
- (g) Sources and classes of sources other than those identified in (a)-(f), above, for which the permittee has obtained a determination from the Department, in accordance with 25 Pa. Code §123.1(b), that fugitive emissions from the source, after appropriate control, meet the following requirements:
  - (1) The emissions are of minor significance with respect to causing air pollution; and
  - (2) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

**# 002 [25 Pa. Code §123.2]****Fugitive particulate matter**

The permittee shall not allow the emission of fugitive particulate matter into the outdoor atmosphere from a source specified in Condition #001(a)-(g) of Section C if the emissions are visible at the point the emissions pass outside the permittee's property.

**# 003 [25 Pa. Code §123.31]****Limitations**

The permittee shall not allow 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 permittee's property.

**# 004 [25 Pa. Code §123.41]****Limitations**

The permittee shall not allow the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

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

[NOTE: THE BATCH ASPHALT PLANTS ARE ALSO SUBJECT TO MORE STRINGENT VISIBLE EMISSIONS LIMITS OF SECTION D (SOURCE ID 001), CONDITION #002, AND SECTION D (SOURCE ID 002A), CONDITION #001(c)]

**# 005 [25 Pa. Code §123.42]****Exceptions**

The emission limitations of Condition #004 of Section C shall not apply when:

- (a) The presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (b) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of

**SECTION C. Site Level Requirements**

visible emissions.

(c) The emission results from sources specified in Condition #001(a)-(g) of Section C.

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

The permittee shall limit the facility's annual emissions to less than the following thresholds during any consecutive 12-month period:

- (a) 100 tons per year (TPY) of nitrogen oxides (NO<sub>x</sub>).
- (b) 100 TPY of carbon monoxide (CO).
- (c) 50 TPY of volatile organic compounds (VOC).
- (d) 100 TPY of sulfur oxides (SO<sub>x</sub>).
- (e) 100 TPY of PM-10 (particulate matter having an effective aerodynamic diameter less than or equal to a nominal 10 micron body).
- (f) 10 TPY of any individual hazardous air pollutant (HAP).
- (g) 25 TPY of aggregate HAPs.

**# 007 [25 Pa. Code §129.14]****Open burning operations**

(a) The permittee shall not allow the open burning of material on the permittee's property in a manner such that:

- (1) The emissions are visible, at any time, at the point such emissions pass outside the permittee's property.
- (2) Malodorous air contaminants from the open burning are detectable outside the permittee's property.
- (3) The emissions interfere with the reasonable enjoyment of life or property.
- (4) The emissions cause damage to vegetation or property.
- (5) The emissions are or may be deleterious to human or animal health.

(b) The requirements of (a), above, do not apply when the open burning operations result from:

- (1) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.
- (2) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
- (3) A fire set for the prevention and control of disease or pests, when approved by the Department.
- (4) A fire set solely for recreational or ceremonial purposes.
- (5) A fire set solely for cooking food.

(c) This permit condition does not constitute authorization to burn solid waste pursuant to Section 610(3) of the Solid Waste Management Act (SWMA), contained at 35 P.S. Section 6018.610(3), or any other provision of the SWMA.

**II. TESTING REQUIREMENTS.****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The Department reserves the right to require exhaust stack testing of the sources referenced in this operating permit to measure emissions for purposes including verification of operating permit condition compliance and estimation of annual air emissions.

**SECTION C. Site Level Requirements****# 009 [25 Pa. Code §139.1]****Sampling facilities.**

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

**# 010 [25 Pa. Code §139.11]****General requirements.**

(a) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.

(b) As specified in 25 Pa. Code Section 139.11(2), the Department will consider test results for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, at a minimum, all of the following:

- (1) A thorough source description, including a description of any air cleaning devices and the flue.
- (2) Process conditions, for example, fuel type, fuel firing rate, stack temperature, and other conditions which may affect emissions from the process.
- (3) The location of the sampling ports.
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage CO, CO<sub>2</sub>, O<sub>2</sub>, and N<sub>2</sub>), static and barometric pressures.
- (5) Sample collection techniques employed, including procedures used, equipment descriptions, and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
- (6) Laboratory procedures and results.
- (7) Calculated results.

**III. MONITORING REQUIREMENTS.****# 011 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions (referenced in Section C, Conditions #004, #005, and #012) may be measured using either of the following:

- (a) A device approved by the Department and maintained to provide accurate opacity measurements (e.g. Continuous Opacity Monitor).
- (b) Observers trained and certified in EPA Reference Method 9 to measure plume opacity with the naked eye; or with the aid of any device(s) approved by the Department.

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

The permittee shall conduct a weekly inspection around the plant periphery during daylight hours when the plant is in production to detect visible emissions, fugitive particulate matter emissions, and malodorous air contaminants. Weekly inspections are necessary to determine:

- (a) The presence of visible emissions as stated in Section C, Condition #004. Visible emissions may be measured according to the methods specified in Section C, Condition #011. Alternately, plant personnel who observe visible emissions may report the incidence of visible emissions to the Department within two (2) hours of the incident and make arrangements for a certified observer to measure the visible emissions.

**SECTION C. Site Level Requirements**

- (b) The presence of fugitive particulate matter emissions beyond the plant property boundaries, as stated in Section C, Condition #002.
- (c) The presence of malodorous air contaminants beyond the plant property boundaries, as stated in Section C, Condition #003.

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

- (a) The permittee shall maintain records of the weekly inspections referenced in Section C, Condition #012. The records shall include, at a minimum, the following information:
- (1) The name of the company representative monitoring each inspection.
  - (2) The date and time of each inspection.
  - (3) The wind direction during each inspection.
  - (4) A description of the visible emissions, fugitive particulate matter emissions (beyond the plant property boundaries), and malodorous air contaminants (beyond the plant property boundaries) observed, if any, and actions taken to mitigate them. If no visible emissions or fugitive particulate matter emissions or malodors are observed, then document that none were observed.
- (b) The permittee shall retain these records for a minimum of five (5) years. The records shall be made available to the Department upon its request.

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

- (a) The permittee shall calculate the monthly air emissions from the facility using material balance, AP-42 emission factors, manufacturer-supplied emission factors, performance (stack) test data, or other method(s) acceptable to the Department. The permittee shall maintain records of the facility's monthly air emissions and calculations.
- (b) The permittee shall calculate the cumulative facility air emissions for each consecutive 12-month period. The permittee shall maintain records of the cumulative facility air emissions for each consecutive 12-month period in order to demonstrate compliance with Section C, Condition #006.
- (c) The permittee shall retain these records for a minimum of five (5) years. The records shall be made available to the Department upon its request.

**V. REPORTING REQUIREMENTS.****# 015 [25 Pa. Code §127.442]****Reporting requirements.**

- The permittee shall report each malfunction that occurs at this facility that poses an imminent and substantial danger to the public health and safety or the environment or which the permittee should reasonably believe may result in citizen complaints to the Department. For purposes of this condition, a malfunction is defined as any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner that may result in an increase in the emission(s) of air contaminants.
- The initial notification shall be made to the Department by telephone no later than two (2) hours after the incident. A followup written notice shall be submitted to the Department within three (3) business days.
- (a) The notices shall describe the:
- (1) Name and location of the facility;
  - (2) Nature and cause of the malfunction;
  - (3) Time when the malfunction was first observed;
  - (4) Expected duration of excess emissions, and;



**SECTION C. Site Level Requirements**

- (5) Estimated rate of emissions.
- (b) The permittee shall notify the Department immediately when corrective measures have been accomplished.
- (c) Subsequent to the malfunction, the permittee shall submit a full report on the malfunction to the Department within 15 days, if requested.
- (d) The permittee shall submit reports on the operation and maintenance of the source to the Regional Air Program manager at such intervals and in such form and detail as may be required by the Department. Information required in the reports may include, but is not limited to, fuel usage, firing rates, hours of operation, and maintenance schedules.
- (e) ) Unless otherwise approved by DEP, all malfunctions shall be reported through the Department's Greenport PUP system available through:  
<https://greenport.pa.gov/ePermitPublicAccess/PublicSubmission/Home>  
Telephone reports can be made to the Air Quality Program at 717-705-4702 during normal business hours or to the Department's Emergency Hotline at any time. The Emergency Hotline phone number is changed/updated periodically. The current Emergency Hotline phone number can be found at  
<https://www.dep.pa.gov/About/Regional/SouthcentralRegion/Pages/default.aspx>. The permittee shall submit a written report of instances of such malfunctions to the Department within three (3) days of the telephone report.

**# 016 [25 Pa. Code §135.3]****Reporting**

- (a) Reports required by Section B shall be submitted to the Air Quality District Supervisor, at the following address, unless otherwise specified:

PA DEP  
Altoona District Office  
3001 Fairway Drive  
Altoona, PA 16602

- (b) The following information shall be included in the annual air emissions report:

- (1) Monthly and annual asphaltic concrete production (differentiate between RAP and non-RAP)
- (2) Monthly and annual fuel usage (by type)
- (3) Monthly and annual air emissions (e.g. CO, NO<sub>x</sub>, SO<sub>x</sub>, VOC, PM-10, HAPs)
- (4) Air emission calculations (including emission factors used) as referenced in Section C, Condition #013(a) of Section C
- (5) Annual days and hours of operation

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

The permittee shall take all reasonable actions to prevent particulate matter from becoming airborne from any source specified in Section C, Condition #001(a)-(g). These actions shall include, but not be limited to, the following:

- (a) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
- (b) Application of asphalt, oil, water, or 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 other means.

**# 018 [25 Pa. Code §127.444]****Compliance requirements.**

The permittee shall operate and maintain all sources and any air cleaning devices identified in this operating permit in accordance with the manufacturer's recommendations/specifications, as well as in a manner consistent with good

**SECTION C. Site Level Requirements**

operating and air pollution control practices that minimize air emissions.

**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.

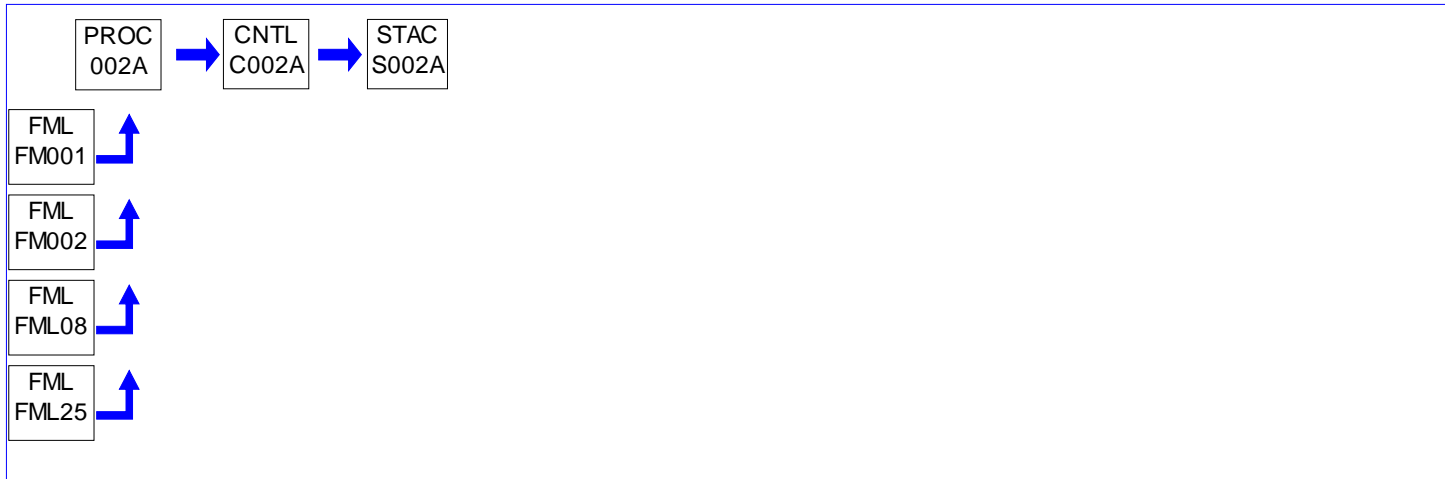
**SECTION D. Source Level Requirements**

Source ID: 002A

Source Name: NO. 2 BATCH ASPHALT PLANT

Source Capacity/Throughput:	125.000	MMBTU/HR	
	875.000	Gal/HR	#4 Oil
	900.000	Gal/HR	Waste Oil
	400.000	Tons/HR	ASPHALT
	125.000	MCF/HR	Natural Gas
	912.000	Gal/HR	#2 Oil

Conditions for this source occur in the following groups: 001

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.21]****General**

The concentration of sulfur oxides (SO<sub>x</sub>), expressed as sulfur dioxide (SO<sub>2</sub>), in the No. 2 Batch Asphalt Plant's fabric collector effluent gas shall not exceed 500 parts per million, by volume (dry basis).

**# 002 [25 Pa. Code §127.1]****Purpose.**

[Additional authority for this permit condition is also derived from General Operating Permit No. GP13-28-05019A]

Pursuant to the Best Available Technology (BAT) provisions of 25 Pa. Code §§127.1 and 127.12(a)(5), the permittee shall comply with the following:

(a) The filterable PM emissions in the exhaust of Source ID 002A's fabric collector shall not exceed 0.009 grain per dry standard cubic foot of effluent gas volume.

(b) The total PM<sub>10</sub> (filterable plus condensable) emissions in the exhaust of Source ID 002A's fabric collector shall not exceed 0.021 grain per dry standard cubic foot of effluent gas volume.

(c) There shall be no visible air contaminant emissions from the exhaust of Source ID 002A's fabric collector.

(d) The NO<sub>x</sub> emissions in the exhaust of Source ID 002A's fabric collector shall not exceed 60 ppmvd (corrected to 15% oxygen).

(e) The CO emissions in the exhaust of Source ID 002A's fabric collector shall not exceed 200 ppmvd (corrected to 15% oxygen).

(f) The VOC emissions in the exhaust of Source ID 002A's fabric collector shall not exceed 30 ppmvd (corrected to 15%

**SECTION D. Source Level Requirements**

oxygen; expressed in terms of propane).

[Compliance with the requirement(s) specified in part (a) of this streamlined operating permit condition assures compliance with the PM emission limits specified in 25 Pa. Code §123.13(b) as well as 40 CFR §60.92(a)(1). Compliance with the requirement(s) specified in part (c) of this streamlined operating permit condition assures compliance with the visible emission (VE) limits specified in 25 Pa. Code §123.41 as well as 40 CFR §60.92(a)(2).]

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

[Additional authority for this permit condition is also derived from General Operating Permit No. GP13-28-05019A]

(a) Pursuant to 25 Pa. Code §123.1(a), there shall be no fugitive emissions from Source ID 002A at any time, except those that are a direct result of stockpiling or use of roads. Pursuant to 25 Pa. Code §123.1(c), all reasonable actions shall be taken to prevent particulate matter (PM) that may arise from stockpiling or use of roads from becoming airborne. Pursuant to 25 Pa. Code §123.2 (relating to fugitive PM), fugitive emissions shall not cross the permittee's property line at any time.

(b) The permittee shall comply with the following limitations and requirements:

(1) The drop heights from front-end loaders being used to stockpile, transfer, and load aggregate shall be kept as short as possible to minimize dust emissions.

(2) Stockpiles shall be kept as compact as possible to limit exposure to the wind. Material shall be stockpiled in such a manner that it may be adequately wetted as necessary to control fugitive emissions.

(3) All in-plant roads shall be maintained to prevent PM from becoming airborne in accordance with 25 Pa. Code §§123.1 and 123.2.

(4) All unpaved in-plant roads shall be watered once per day during warm weather, at the start of each shift, if no precipitation has fallen within the previous twenty-four (24) hours, and as needed thereafter on a preventative basis such that visible fugitive emissions are controlled in accordance with 25 Pa. Code §§123.1 and 123.2. Other methods of dust control may be used when weather conditions make the watering of unpaved roads hazardous.

(5) In accordance with 25 Pa. Code §123.1(c), the permittee shall promptly remove earth or other material from paved roads onto which earth or other material has been transported by trucking or earth-moving equipment, or other means.

(6) A set vehicle pattern shall be established and maintained for vehicles entering and exiting the plant.

(7) The permittee shall post a sign limiting speeds to less than 15 miles per hour (mph) on all in-plant roads.

(8) The permittee shall post and enforce a requirement stating "All vehicles entering or exiting the plant property shall be properly tarpaulin covered." Vehicles with a gross vehicle weight rating of less than 10,000 pounds shall be exempt from this requirement.

(9) The Department reserves the right to require additional controls (water sprays, paving, conveyor covers, etc.) based on evaluation of the operation after inspection and determination that existing controls are not adequate for controlling fugitive emissions.

(10) Speed limit signs shall be posted consistent with the requirements of the Pennsylvania Department of Transportation (overall dimension 20 inches x 24 inches; "SPEED LIMIT" in 4-inch letters and 10-inch numerals).

(11) The permittee shall operate Source ID 002A's fabric collector (Source ID C002A) at all times that Source ID 002A is operating.

(12) No fugitive air contaminant emissions shall be generated as a result of removing collected dust from the fabric collector or as a result of subsequently handling the collected dust on-site following its removal from the fabric collector.

**SECTION D. Source Level Requirements**

(13) The permittee shall keep a sufficient quantity of spare fabric collector bags, at a minimum of 10% of the total number of bags of a fully bagged fabric collector, on hand for immediate replacement.

(14) Source ID 002A's burner(s) are approved to burn the following fuels:

(i) Propane;

(ii) Natural gas;

(iii) No. 2 fuel oil;

(iv) No. 4 fuel oil;

(v) On-specification waste-derived liquid fuel oil (WDLF);

(vi) Biodiesel that is a fuel comprised of mono-alkyl esters of long chain fatty acids derived from vegetable oils or animal fats and conform to ASTM D6751 specifications; and

(vii) Any alternative fuels that, unless specified, meet the same specifications as other fuels permitted in part (b)(14)(i)-(vi), above, such as:

(A) Liquid biofuels derived from recycled vegetable oils or animal fats from restaurants or food processing industries after processed through filtration, deodorization, water washing or other polishing and refining steps;

(B) Biofuels from bio-processing of cellulosic bio-mass; or

(C) Bio-oils produced by pyrolysis of bio-mass materials.

(15) The permittee may not use a fuel to fire Source ID 002A's burner(s) that exceeds the following sulfur limits, as fired:

(i) For No. 2 fuel oil, biodiesel and alternative fuels, 0.3% (by weight); and

(ii) For No. 4 fuel oil and WDLF, 0.5% (by weight).

(16) Fuel analysis records shall be used to demonstrate compliance with the sulfur limitations of part (b)(15), above. For each shipment of any liquid fuel, fuel sulfur content compliance shall also be demonstrated by providing the supplier's fuel certification for the type of fuel received.

(17) The permittee is responsible for the proper storage and management of liquid biofuels to ensure the following:

(i) The storage conditions shall not cause the harborage, breeding, or attraction of vectors; and

(ii) If vectors are present, measures necessary to exterminate them are immediately taken.

**Fuel Restriction(s).**

**# 004 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from General Operating Permit No. GP13-28-05019A]

(a) On-Specification WDLF: The permittee shall not accept at the facility any waste-derived liquid fuel oil (WDLF) which is represented by the oil supplier as failing to meet the following standards, or for which the facility does not have documentation from the waste oil supplier verifying the following acceptable standards:

(1) BTU Content greater than or equal to 8,000 BTU/lb

**SECTION D. Source Level Requirements**

- (2) Flash Point greater than or equal to 100°F
- (3) Total Halogens (TX) less than or equal to 1,000 ppmw
- (4) Lead less than or equal to 100 ppmw
- (5) Arsenic less than or equal to 5 ppmw
- (6) Cadmium less than or equal to 2 ppmw
- (7) Chromium less than or equal to 10 ppmw
- (8) PCBs not detectable
- (9) Ash less than or equal to 1.0% (by weight)

(b) Analytical Techniques: The following analytical techniques and methods, or alternative methods approved in writing by the Department, will be accepted for the analyses required by this condition:

Constituent	Analytical Technique
Arsenic	EPA Method 6010, 6020, 7010, 7061, or 7062
Cadmium	EPA Method 6010, 6020, 7000 or 7010
Chromium	EPA Method 6010, 7000 or 7010
Lead	EPA Method 6010, 7000 or 7010
PCBs	EPA Method 8082
TX	EPA Method 9075, 9076, or 9077
Flash Point	EPA Method 1010 or ASTM D93
Ash	ASTM D482

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

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

(e) Taking and Retaining Samples: The permittee shall take and retain a sample of each shipment of WDLF that is delivered to the facility. The samples shall be retained on-site for at least one (1) year and shall be made available to the Department upon its request. The samples are to be sealed and identified with the identity of the supplier, the date of delivery, the delivery invoice number, and the total gallons of WDLF in the shipment.

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

**SECTION D. Source Level Requirements**

does not have documentation from the waste oil supplier regarding compliance with permit specifications. If the analysis results show exceedances of any of the limits listed in part (a), above, then the permittee shall cease using the WDLF from the tank(s) in which the relevant shipment was placed, and shall not resume using WDLF from the tank(s) until either:

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

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

(A) If the re-sample meets the limits in part (a), above, the Department has granted written permission to resume using the WDLF, or

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

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

Upon successful demonstration for each supplier of their accuracy in ensuring delivery of eight (8) consecutive samples of on-specification WDLF fuels that comply with properties listed in part (a), above, the auditing frequency of shipments may be decreased, in writing, by the Department. The auditing frequencies shall be determined for each individual supplier on a case-by-case basis depending on recorded compliance history and margin of compliance. The records of sample analysis results shall be kept at the facility for a period of five (5) years and shall be made available to the Department upon request.

(g) WDLF Sampling: The Department reserves the right to randomly sample any alternative fuels to check if they meet the same specifications as other fuels permitted under this permit. In the case of WDLF, if the analysis results from any random tank sampling conducted by the Department show exceedances of any of the limits in part (a), above, the permittee shall cease using WDLF from the affected tank(s) and shall not resume using WDLF from the tank(s) until either:

(1) The Department has granted written approval to resume use of the WDLF based on an alternate demonstration of compliance for the original sample; or

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

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

(h) This permit condition shall not be construed to authorize the permittee to transport, treat, process, or refine any fuel, or to blend off-specification fuel with any other fuels for the purpose of producing an on-specification mixture.

**Throughput Restriction(s).**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from RFD\* exemption letter dated 9/01/15]

Any recycled asphalt shingles (RAS) processed at the facility and subsequently fed to Source ID 002A shall be free of any asbestos-containing material (ACM).

{\* RFD = Request for Determination of Changes of Minor Significance and Exemption from Plan Approval Requirements}

**SECTION D. Source Level Requirements****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall limit the annual asphalt production from Source ID 002A to 490,000 tons, based on any consecutive 12-month period. Records shall be maintained as required by Section B, Condition 020 and reported as required by Section B, Condition 023.

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

[Additional authority for this permit condition is also derived from General Operating Permit No. GP13-28-05019A]

If at any time the Department has reason to believe that the air contaminant emissions from the exhaust of Source ID 002A's fabric collector (Source ID C002A) are, or may be, in excess of any applicable air contaminant emission limitation, the permittee shall conduct such performance (stack) tests requested by the Department to determine the actual air contaminant emission rate(s). The permittee shall perform any such testing in accordance with the applicable provisions of 25 Pa. Code, Chapter 139 (relating to sampling and testing) as well as in accordance with any additional requirements or conditions established by the Department at the time the permittee is notified, in writing, of the need to conduct performance (stack) testing.

**III. MONITORING REQUIREMENTS.****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from General Operating Permit No. GP13-28-05019A]

The permittee shall operate and maintain instrumentation to continuously measure and display the pressure differential across Source ID 002A's fabric collector (Source ID C002A). The instrumentation should be positioned so that it is easily accessed and readable.

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

[Additional authority for this permit condition is also derived from General Operating Permit No. GP13-28-05019A]

The permittee shall perform monitoring of Source ID 002A at least once per operating day for the presence of visible emissions (from fabric collector stack), fugitive emissions and malodors. The permittee shall take immediate corrective action to eliminate any emissions that are out of compliance with the plant's operating permit. An EPA Reference Method 9 reading is not required for the evaluation of visible emissions (from fabric collector stack).

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

[Additional authority for this permit condition is also derived from General Operating Permit No. GP13-28-05019A]

(a) The permittee shall maintain records including the following:

- (1) Monthly and 12-month rolling total for asphalt production;
- (2) Daily records shall be made available to the Department upon its request;
- (3) 12-month rolling total for gallons of propane, No. 2 fuel oil, No. 4 fuel oil, biodiesel, alternative fuels used;
- (4) 12-month rolling total for thousand cubic feet (MCF) of natural gas used;
- (5) Hours operated while firing each liquid fuel;



**SECTION D. Source Level Requirements**

(6) 12-month rolling emission total for NO<sub>x</sub>, CO, VOC, filterable PM, total PM<sub>10</sub> (filterable + condensable), and total PM<sub>2.5</sub> (filterable + condensable);

(7) Daily fabric collector (Source ID C002A) pressure drop reading;

(8) Daily visible emission (from fabric collector stack), fugitive emission and malodor surveys;

(9) Any corrective actions taken to bring Source ID 002A back into compliance with the visible emission (from fabric collector stack), fugitive emission and malodor requirements of this operating permit; and

(10) Records of annual tune-up and portable monitor testing done in accordance with Condition #014, below.

(b) The permittee shall retain these records for a minimum of five (5) years and shall make them available to the Department upon its request.

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

(a) The permittee shall maintain detailed records of all maintenance performed on the Group 001 batch asphalt plant's fabric collector.

(b) The permittee shall retain these records for a minimum of five (5) years and shall make them available to the Department upon its request.

**# 012 [25 Pa. Code §135.5]****Recordkeeping**

Pursuant to 25 Pa. Code §135.5 (relating to recordkeeping), the permittee shall maintain and make available, upon request by the Department, such records as may be necessary to demonstrate compliance with 25 Pa. Code §135.3 (relating to reporting). These 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. The records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

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

[Additional authority for this permit condition is also derived from General Operating Permit No. GP13-28-05019A]

The permittee shall, upon request of the Department, provide fuel analyses, or samples of any fuel permitted by the Department for use by Source ID 002A.

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

[Additional authority for this permit condition is also derived from General Operating Permit No. GP13-28-05019A]

The permittee shall notify the Department by telephone within twenty-four (24) hours of the discovery of any malfunction of Source ID 002A, or any malfunction of its associated fabric collector (Source ID C002A), which results in, or may possibly be resulting in, the emission of air contaminants in excess of any applicable limitation specified in this operating permit or in excess of the limitations specified in any applicable rule or regulation contained in 25 Pa. Code Chapters 121 through 145. If the permittee is unable to provide notification to the appropriate Regional Office within twenty-four (24) hours of discovery of a malfunction due to a weekend or holiday, the notification shall be made to the Department by no later than 4 p.m. on the first business day for the Department following the weekend or holiday. Telephone reports shall be made to the Department's Air Quality Program at 814.946.7290 during normal business hours. In addition, the permittee shall provide subsequent written reports regarding any reported malfunction as requested by the Department.

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from General Operating Permit No. GP13-28-05019A]

The permittee shall conduct an annual Source ID 002A burner tune-up procedure in accordance with the manufacturer's specifications to minimize NO<sub>x</sub> and CO emissions. The permittee shall conduct each annual tune-up not later than June 15 of each year or within four (4) weeks after the subsequent start-up of Source ID 002A. The permittee shall comply with the following requirements:

- (a) The burner shall be tuned so that the emissions do not exceed the limits stated in Condition #001, above.
- (b) The air-to-fuel ratio controls shall be inspected and adjusted to ensure proper operation in accordance with the manufacturer's specifications.
- (c) Monitoring records stating the following information shall be kept on-site for a minimum of five (5) years and shall be made available to the Department upon its request.
  - (1) The date of the tuning procedure;
  - (2) The name of the servicing company and technician;
  - (3) The production rate (tons/hr) or load before and after tuning;
  - (4) The CO and NO<sub>x</sub> concentrations (ppmvd) before and after tuning; and
  - (5) The percent oxygen (O<sub>2</sub>) before and after tuning.

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

[Additional authority for this permit condition is also derived from General Operating Permit No. GP13-28-05019A]

Source ID 002A and its fabric collector (Source ID C002A) shall be:

- (a) Operated in such a manner as not to cause air pollution as that term is defined in 25 Pa. Code §121.1;
- (b) Operated and maintained in a manner consistent with good operating and maintenance practices;
- (c) Operated and maintained in accordance with practices based on the "manufacturer's specifications"; and
- (d) Operated and maintained in such a manner that the permittee may not permit the emission into the outdoor atmosphere of any malodorous air contaminants in such a manner that the malodors are detectable outside the permittee's property in accordance with 25 Pa. Code §123.31 (relating to limitations).

**VII. ADDITIONAL REQUIREMENTS.**

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

**SECTION D. Source Level Requirements**

Source ID: 201

Source Name: REMOTE RESERVOIR COLD CLEANING MACHINE(S)

Source Capacity/Throughput:

1.000 Lbs/HR

VOC

PROC  
201STAC  
Z201**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 §129.63]****Degreasing operations**

§ 129.63. Degreasing operations.

(a) Cold cleaning machines. Except for those subject to the Federal National emissions standards for hazardous air pollutants (NESHAP) for halogenated solvent cleaners under 40 CFR Part 63 (relating to National emission standards for hazardous air pollutants for source categories), this subsection applies to cold cleaning machines that use 2 gallons or more of solvents containing greater than 5% VOC content by weight for the cleaning of metal parts.

(1) [NA – NO IMMERSION COLD CLEANING MACHINES]

(2) Immersion cold cleaning machines and remote reservoir cold cleaning machines shall:

(i) Have a permanent, conspicuous label summarizing the operating requirements in paragraph (3). In addition, the label shall include the following discretionary good operating practices:

**SECTION D. Source Level Requirements**

(A) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining. During the draining, tipping or rotating, the parts should be positioned so that solvent drains directly back to the cold cleaning machine.

(B) When a pump-agitated solvent bath is used, the agitator should be operated to produce a rolling motion of the solvent with no observable splashing of the solvent against the tank walls or the parts being cleaned.

(C) Work area fans should be located and positioned so that they do not blow across the opening of the degreaser unit.

(ii) Be equipped with a cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent. For remote reservoir cold cleaning machines which drain directly into the solvent storage reservoir, a perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover.

(3) Cold cleaning machines shall be operated in accordance with the following procedures:

(i) Waste solvent shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container.

(ii) Flushing of parts using a flexible hose or other flushing device shall be performed only within the cold cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.

(iii) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the cold cleaning machine.

(iv) Air agitated solvent baths may not be used.

(v) Spills during solvent transfer and use of the cold cleaning machine shall be cleaned up immediately.

(4) After December 22, 2002, a person may not use, sell or offer for sale for use in a cold cleaning machine any solvent with a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater and containing greater than 5% VOC by weight, measured at 20°C (68°F) containing VOCs.

(5) On and after December 22, 2002, a person who sells or offers for sale any solvent containing VOCs for use in a cold cleaning machine shall provide, to the purchaser, the following written information:

(i) The name and address of the solvent supplier.

(ii) The type of solvent including the product or vendor identification number.

(iii) The vapor pressure of the solvent measured in mm hg at 20°C (68°F).

(6) A person who operates a cold cleaning machine shall maintain for at least 2 years and shall provide to the Department, on request, the information specified in paragraph (5). An invoice, bill of sale, certificate that corresponds to a number of sales, Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this section.

(7) Paragraph (4) does not apply:

(i) To cold cleaning machines used in extreme cleaning service. [NOTE: Extreme cleaning service is defined as the use of a cold cleaning machine to clean parts used in the manufacture of the following gases or to clean parts exposed to these gases in manufacturing, production, research and development, analytical work, or other similar operations:

(A) Oxygen in concentrations greater than 23%

(B) Ozone

(C) Nitrous oxide

**SECTION D. Source Level Requirements**

- (D) Fluorine
- (E) Chlorine
- (F) Bromine
- (G) Halogenated compounds]

(ii) If the owner or operator of the cold cleaning machine demonstrates, and the Department approves in writing, that compliance with paragraph (4) will result in unsafe operating conditions.

(iii) [NA – NO IMMERSION COLD CLEANING MACHINES]

(b) [NA – NO BATCH VAPOR CLEANING MACHINES]

(c) [NA – NO IN-LINE VAPOR CLEANING MACHINES]

(d) [NA – NO AIRLESS OR AIRTIGHT CLEANING MACHINES]

(e) [N/A – NO ALTERNATIVE COMPLIANCE METHOD]

**SECTION E. Source Group Restrictions.**

Group Name: 001

Group Description: NSPS Subpart I Requirements

**Sources included in this group**

ID	Name
002A	NO. 2 BATCH ASPHALT PLANT

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.**

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

**VII. ADDITIONAL REQUIREMENTS.****# 001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

The Group 001 batch asphalt plants are subject to 40 CFR Part 60, Subpart I - Standards of Performance for Hot Mix Asphalt Facilities (NSPS Subpart I). The permittee shall comply with all applicable standards, compliance provisions, performance test, monitoring, recordkeeping, and reporting requirements contained at 40 CFR §§60.90 through 60.93, including all applicable portions of 40 CFR Part 60, Subpart A - General Provisions. The permittee shall comply with 40 CFR §60.4, which requires submission of copies of all requests, reports, applications, submittals, and other communications to both the U.S. Environmental Protection Agency (U.S. EPA) and the Department. The U.S. EPA copies shall be forwarded to:

Director  
United States Environmental Protection Agency  
Region III, Air and Radiation Division  
Permits Branch (3AD10)  
Four Penn Center  
1600 John F. Kennedy Boulevard  
Philadelphia, Pennsylvania 19103-2852

Unless otherwise approved by DEP, the DEP copies shall be reported through the Department's Greenport PUP system available through:

<https://greenport.pa.gov/ePermitPublicAccess/PublicSubmission/Home>

**SECTION E. Source Group Restrictions.**

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

**# 002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.90]****Subpart I - Standards of Performance for Hot Mix Asphalt Facilities****Applicability and designation of affected facility.**

§60.90 Applicability and designation of affected facility.

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

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

[42 FR 37936, July 25, 1977, as amended at 51 FR 12325, Apr. 10, 1986]

§60.91 Definitions. [INCORPORATED BY REFERENCE]

§60.92 Standard for particulate matter.

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

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

[NOTE: MORE STRINGENT LIMITS APPLY PER SECTION D, SOURCE 002A, CONDITION #002]

[39 FR 9314, Mar. 8, 1974, as amended at 40 FR 46259, Oct. 6, 1975]

§60.93 Test methods and procedures.

(a) In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the test methods in appendix A of this part or other methods and procedures as specified in this section, except as provided in §60.8(b).

(b) The owner or operator shall determine compliance with the particulate matter standards in §60.92 as follows:

- (1) Method 5 shall be used to determine the particulate matter concentration. The sampling time and sample volume for each run shall be at least 60 minutes and 0.90 dscm (31.8 dscf).
- (2) Method 9 and the procedures in §60.11 shall be used to determine opacity.

[54 FR 6667, Feb. 14, 1989]

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.



**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.

**SECTION H. Miscellaneous.**

NOTE: The capacities/throughputs listed in Section A are for informational use only and should not be used as enforceable limitations.

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The following sources of minor significance have been exempted from testing, monitoring, recordkeeping, and reporting requirements:

1. Air conditioning and ventilations systems
2. Office equipment
3. Janitorial activities
4. Plant maintenance (e.g., painting, woodworking, welding, paving, cleaning)
5. Mobile sources (e.g., trucks, loaders, forklifts, snowblowers)
6. Fuel oil, gasoline and other storage tanks
7. Emergency equipment
8. Three (3) 30,000 Gallon Liquid Asphalt Cement Storage Tanks associated with Source ID 002A
9. Source ID 002A RAP Processing Equipment [includes the following: RAP storage bin; two 30" wide conveyor belts; 4' x 12' double deck screen; weigh hopper]
10. Source ID 002A Recycled Asphalt Shingle (RAS) Processing Equipment [includes the following: RAS storage bin/feeder; two 24" wide conveyor belts; two 30" wide conveyor belts; 4' x 10' single deck screen; weigh hopper (same weigh hopper used by Source ID 002A's RAP Processing Equipment described in No. 10, above)]; This was addressed by RFD #1226 (exemption approved via letter dated 9/01/15).

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Source ID 002A was previously the subject of Plan Approval/Operating Permit No. GP13-28-05019A.



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

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