



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: May 31, 2019

Effective Date: May 31, 2019

Expiration Date: May 30, 2024

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

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

State Only Permit No: 09-00192

Synthetic Minor

Federal Tax Id - Plant Code: 25-1232336-21

Owner Information

Name: WASTE MGMT PA INC
Mailing Address: 1000 NEW FORD MILL RD
MORRISVILLE, PA 19067

Plant Information

Plant: WASTE MGMT OF PA DOCK FACIL/MORRISVILLE
Location: 09 Bucks County 09002 Falls Township
SIC Code: 4491 Trans. & Utilities - Marine Cargo Handling

Responsible Official

Name: ROBERT C JONES
Title: DIST MGR FAIRLESS COMPLEX
Phone: (215) 768 - 4051

Permit Contact Person

Name: BRIAN P BOLVIN PE
Title: SITE ENGR
Phone: (215) 428 - 4384

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



SECTION A. Table of Contents

Section A. Facility/Source Identification

Table of Contents
Site Inventory List

Section B. General State Only Requirements

- #001 Definitions.
- #002 Operating Permit Duration.
- #003 Permit Renewal.
- #004 Operating Permit Fees under Subchapter I.
- #005 Transfer of Operating Permits.
- #006 Inspection and Entry.
- #007 Compliance Requirements.
- #008 Need to Halt or Reduce Activity Not a Defense.
- #009 Duty to Provide Information.
- #010 Revising an Operating Permit for Cause.
- #011 Operating Permit Modifications
- #012 Severability Clause.
- #013 De Minimis Emission Increases.
- #014 Operational Flexibility.
- #015 Reactivation
- #016 Health Risk-based Emission Standards and Operating Practice Requirements.
- #017 Circumvention.
- #018 Reporting Requirements.
- #019 Sampling, Testing and Monitoring Procedures.
- #020 Recordkeeping.
- #021 Property Rights.
- #022 Alternative Operating Scenarios.

Section C. Site Level State Only Requirements

- C-I: Restrictions
- C-II: Testing Requirements
- C-III: Monitoring Requirements
- C-IV: Recordkeeping Requirements
- C-V: Reporting Requirements
- C-VI: Work Practice Standards
- C-VII: Additional Requirements
- C-VIII: Compliance Certification
- C-IX: Compliance Schedule

Section D. Source Level State Only Requirements

- D-I: Restrictions
- D-II: Testing Requirements
- D-III: Monitoring Requirements
- D-IV: Recordkeeping Requirements
- D-V: Reporting Requirements
- D-VI: Work Practice Standards
- D-VII: Additional Requirements

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

Section E. Alternative Operating Scenario(s)

- E-I: Restrictions
- E-II: Testing Requirements
- E-III: Monitoring Requirements



SECTION A. Table of Contents

- E-IV: Recordkeeping Requirements
- E-V: Reporting Requirements
- E-VI: Work Practice Standards
- E-VII: Additional Requirements

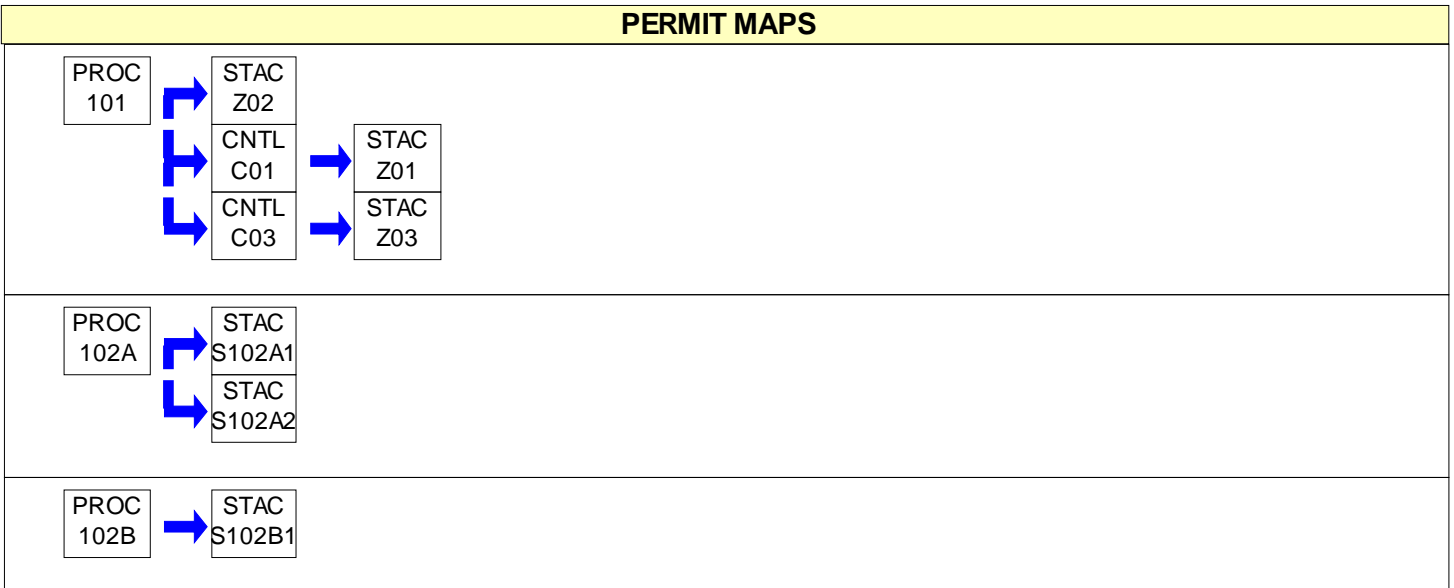
Section F. Emission Restriction Summary

Section G. Miscellaneous

SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
101	BULK MATERIAL HANDLING SYSTEM	N/A	5,816,000 TONS/YR MISC
102A	IC ENGINES(2) - WINCO GENERATOR		
102B	IC ENGINE - KOHLER GENERATOR		
C01	AGGREGATE HANDLING WET SUPPRESSION		
C03	ROAD DUST WET SUPPRESSION		
S102A1	IC ENGINES (2) WINCO GENERATOR STACK #1		
S102A2	IC ENGINES (2) WINCO GENERATOR STACK #2		
S102B1	IC ENGINE KOHLER GENERATOR STACK		
Z01	AGGREGATE HANDLING FUGITIVE EMISSIONS		
Z02	WIND EROSION FUGITIVE EMISSIONS		
Z03	ROAD 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)&(c)]**Permit Renewal.**

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

#004 [25 Pa. Code § 127.703]**Operating Permit Fees under Subchapter I.**

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

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

SECTION B. General State Only Requirements

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SECTION B. General State Only Requirements

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

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

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

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

#012 [25 Pa. Code § 127.441]**Severability Clause.**

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

#013 [25 Pa. Code § 127.449]**De Minimis Emission Increases.**

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

(2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.

(3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.

(4) Space heaters which heat by direct heat transfer.

(5) Laboratory equipment used exclusively for chemical or physical analysis.

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

(e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:

(1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.

(2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.

(3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.

(g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

(h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

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

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

(1) Section 127.14 (relating to exemptions)

(2) Section 127.447 (relating to alternative operating scenarios)

(3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)

(4) Section 127.449 (relating to de minimis emission increases)

(5) Section 127.450 (relating to administrative operating permit amendments)

**SECTION B. General State Only Requirements**

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

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

#015 [25 Pa. Code § 127.11]**Reactivation**

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

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

#016 [25 Pa. Code § 127.36]**Health Risk-based Emission Standards and Operating Practice Requirements.**

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

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

#017 [25 Pa. Code § 121.9]**Circumvention.**

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

#019 [25 Pa. Code §§ 127.441(c) & 135.5]**Sampling, Testing and Monitoring Procedures.**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- (a) Construction or demolition of buildings or structures.
- (b) Grading, paving and maintenance of roads and streets.
- (c) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (d) Clearing of land.
- (e) Stockpiling of materials.
- (f) Open burning operations, pursuant to 25 Pa. Code Section 129.14.
- (g) blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting;
- (h) coke oven batteries, provided the fugitive air contaminants emitted from any coke oven battery comply with the standards for visible fugitive emissions in 25 Pa. Code §§ 123.44 and 129.15 (relating to limitations of visible fugitive air contaminants from operation of any coke oven battery; and coke pushing operations); and
- (i) Sources and classes of sources other than those identified in paragraphs (a)-(h), for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (1) the emissions are of minor significance with respect to causing air pollution; and
 - (2) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

003 [25 Pa. Code §123.2]**Fugitive particulate matter**

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code § 123.1(a)(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..

004 [25 Pa. Code §123.31]**Limitations**

A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

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

A person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

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

SECTION C. Site Level Requirements

(b) equal to or greater than 60% at any time.

006 [25 Pa. Code §123.42]**Exceptions**

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

- (a) When the presence of uncombined water is the only reason for failure to meet the limitations.
- (b) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (c) When the emission results from the sources specified in 25 Pa. Code § 123.1(a)(1)-(9) (relating to prohibition of certain fugitive emissions).

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

Total facility emissions shall be limited to the following on a 12-month rolling basis:

Particulate matter (PM) 79.8 tons

Particulate matter (PM10)
less than 10 microns 34.6 tons

Particulate matter (PM2.5)
less than 2.5 microns 12.2 tons

008 [25 Pa. Code §129.14]**Open burning operations**

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

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

**SECTION C. Site Level Requirements****II. TESTING REQUIREMENTS.****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) If at any time the Department has cause to believe that air contaminant emissions from any source(s) listed in Section A, of this Permit, may be in excess of the limitations specified in this Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).

(b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139 and the most current version of the DEP Source Testing Manual, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required

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

(a) The owner/operator shall monitor the facility, once per day when loading/unloading or stockpile maintenance operations are occurring, 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) Monitoring shall be conducted on each lessee's area separately as well as on common facility areas.

(c) 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; fugitive particulate matter in excess of Condition #002, and #003, of this Section 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.

(d) At the end of six months, upon the permittee's request, the Department will review the results of the daily monitoring, and other factors to determine the feasibility of decreasing the monitoring frequency to weekly.

(e) After six (6) months of weekly monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.

(f) The Department reserves the right to change the above monitoring requirements at any time, based on, but not limited to: complaints, monitoring results and/or Department findings.

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

The permittee shall calculate the total facility emissions of PM, PM10 and PM2.5 on a monthly and on a 12-month rolling basis.

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

The permittee shall maintain a record of all monitoring of fugitive emissions, visible emissions and odors, including those that deviate from the conditions found in this Operating Permit. This is not limited to only those instances that occur during normal inspections but also those that occur at any time the facility is operating and emissions or odors do not comply with the requirements of this Operating Permit. Records shall include the following information:

SECTION C. Site Level Requirements

- (a) Name of person performing the inspection of fugitive and visible emissions, as well as odors.
- (b) Date and time of inspection.
- (c) Identification of the area inspected.
- (d) Whether fugitive emissions, visible emissions, or odors were noticed.
- (e) If fugitive emissions, visible emissions, or odors were detected, the location and cause of the occurrence.
- (f) The corrective action taken, if necessary to abate the situation and prevent future occurrences for any fugitive emissions, visible emissions, or odors that do not comply with the restrictions of this Operating Permit.

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

The permittee shall record total facility emissions of PM, PM10 and PM2.5 on a monthly and on a 12-month rolling basis.

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

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

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

V. REPORTING REQUIREMENTS.**# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall, within two (2) hours of discovery of any occurrence, notify the Department, at (484) 250-5920, of any malfunction of the source(s) or associated air pollution control devices listed in Section A, of this permit, which results in, or may possibly result in, the emission of air contaminants in excess of the limitations specified in this permit, or of a regulation contained in 25 Pa. Code Article III.

(b) Malfunction(s) which occur at this facility, and pose(s) an imminent danger to public health, safety, welfare and the environment, and would violate permit conditions if the source were to continue to operate after the malfunction, shall immediately be reported to the Department by telephone at the above number.

(c) A written report shall be submitted to the Department within two (2) working days following the notification of the incident, and shall describe, at a minimum, the following:

- (1) The malfunction(s).
- (2) The emission(s).
- (3) The duration.
- (4) Any corrective action taken.

016 [25 Pa. Code §127.441]**Operating permit 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:

SECTION C. Site Level Requirements

(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.

017 [25 Pa. Code §135.3]**Reporting**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

If the permittee has been previously advised by the Department to submit a source report, the permittee shall submit by March 1, of each year, a source report for the preceding calendar year. The report shall include information from all 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, including those sources listed in the Miscellaneous Section of this permit.

The permittee may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.**# 018 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

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

(a) use, where possible, of water or suitable chemicals, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land;

(b) application of asphalt, water, or other suitable chemicals, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts;

SECTION C. Site Level Requirements

(c) paving and maintenance of roadways; and

(d) prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or by other means

019 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall ensure that the sources and air pollution control devices, listed in Section A and Section G, where applicable, of this permit are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with the manufacturer's specifications.

020 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

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

(b) If an unauthorized modification of any source(s) occurs at this facility, the permittee shall immediately notify the Department. If so directed by the Department, then this permit, as it pertains to the modified source(s), shall be suspended and the source(s) shall not be operated until the modification is authorized by the Department.

021 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall immediately, upon discovery, implement measures, which may include the application for the installation of an air cleaning device(s), if necessary, to reduce the air contaminant emissions to within applicable limitations, if at any time the operation of the source(s) identified in 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.

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.

#022 31-DEC-19

The permittee shall ensure that the engines comprising Source ID 102A are not operated past the above date.

SECTION D. Source Level Requirements

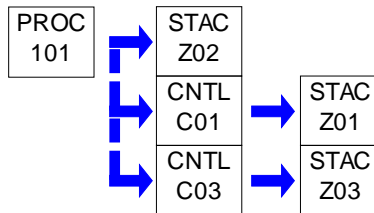
Source ID: 101

Source Name: BULK MATERIAL HANDLING SYSTEM

Source Capacity/Throughput:

N/A

5,816,000 TONS/YR MISC.

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

(a) Bulk materials handled shall not emit any volatile organic compound (VOC).

(b) Bulk materials handled shall emit less than 1.0 ton/year, on a 12-month rolling basis, of any hazardous air pollutant (HAP).

Throughput Restriction(s).**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The Bulk Material Handling System (Source ID 101) shall be limited to a throughput of 5,816,000 tons of total material per 12-month rolling period.

(b) The throughput in section (a) of this condition includes materials, as approved in this Operating Permit, which are unloaded from ships or trucks and either stored at the facility or immediately moved offsite, and which are loaded into ships at the facility.

(c) Materials that do not produce air contaminant emissions are not included in the throughput.

(d) Clean cover soils received into the Dock Facility are limited to 100,000 tons per 12-month rolling period.

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

(a) The Bulk Handling System is approved to handle materials which would use the equipment in the bulk material handling system (Condition #034), and have an aggregate handling Emission factor (Ea) less than or equal to 0.0144 lb/ton, for which a BMP has been submitted to the permittee from the lessee, pursuant to condition #036, and for which a moisture analysis is available, pursuant to Condition #005.

The permittee shall calculate the aggregate handling emission factor by means of the equation in AP-42 Section 13.2.4.3 (11/2006), unless another calculation methodology is approved by the Department.

(b) (1) The loading, unloading and transfer of materials that do not produce air contaminant emissions are exempt from the requirements of this Operating Permit. Such materials include, but are not limited to, intact metal and metal byproducts (i.e. rebars, steel slabs, etc.).

(2) The owner/operator shall provide at least 5 business days notice to the Department before accepting non-dust producing materials at the facility. The notice shall include the type of material (s) to be accepted.

(3) Should the permittee seek Department approval, or evaluation of the dust producing potential of a material not

**SECTION D. Source Level Requirements**

approved by this Operating Permit, the permittee shall request approval for receipt into or transfer from the facility of additional materials in writing a minimum of 30 days before receipt into or shipment from the facility is anticipated. The request shall include the material to be received, the projected quantity and estimated particulate matter emissions (PM, PM10, PM2.5), anticipated handling procedures, moisture content of the material, and work practices that will minimize air contaminant emissions. The Department may request additional information.

Note: Some materials that the Department may approve, pursuant to Condition #003(b)(3), for receipt into the facility without a Plan Approval, may require simultaneous approval through a minor modification application in accordance with 25 Pa. Code Section 127.462, if the request contravenes the terms of Operating Permit 09-00192.

(4) Emissions from and throughput of all materials received into or transferred from the facility, including those newly approved pursuant to paragraph (b)(3) of this condition, shall not exceed the limitations in this Operating Permit.

Control Device Efficiencies Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Moisture content of salt received into the facility shall be a minimum of 0.3% by weight.

II. TESTING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Unless provided by the supplier, the moisture content of each material, with the exception of scrap steel, shall be tested at least once, on the first shipment from a specific supplier.

(a) Testing shall be performed according to Department approved protocol.

(b) Test results shall be retained on site at all times to validate future shipments from the same supplier.

(c) Test results shall be deemed valid for a two-year period, after which the next shipment from a specific supplier shall be re-validated either by testing or by documentation from the supplier.

III. MONITORING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Wind speed and direction shall be monitored continuously, when material is being transferred to/from ships or trucks or when pile maintenance is performed on stockpiles.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) On a monthly, and on a 12-month rolling basis, the total amount of each material handled at the facility that is unloaded from ships shall be calculated. Monthly calculations shall be performed separately for each type of material unloaded.

(b) On a monthly, and on a 12-month rolling basis, the total amount of each material handled that is loaded onto ships shall be calculated. Monthly calculations shall be performed separately for each type of material loaded.

(c) On a monthly, and on a 12-month rolling basis, the total amount of clean cover soils that are received into the facility shall be calculated.

(d) On a monthly, and on a 12-month rolling basis, the total facility throughput of all materials, whether loaded or unloaded, shall be calculated.

008 [25 Pa. Code §127.441]

**SECTION D. Source Level Requirements****Operating permit terms and conditions.**

The quantity of material retained (in pounds or tons) in the stockpiles shall be calculated on a monthly basis for each material handled at the facility.

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

Emissions of PM, PM10 and PM2.5 from the following categories shall be calculated on a monthly basis and as a 12-month rolling sum:

- (a) Material transfer including ship off-loading or loading, storage pile construction and storage pile removal ("aggregate handling")
- (b) Wind erosion from stockpiles
- (c) Vehicular traffic

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

The vehicular miles traveled (VMT) for trucks bringing material in and out of the facility shall be calculated on a monthly basis.

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

The quantity of material (in pounds or tons) transferred due to ship loading/unloading, stockpile construction or truck loading/unloading ("aggregate handling operations") shall be calculated on a monthly basis for each material handled at the facility.

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

The following shall be recorded per shipment:

- (1) Dates of shipment unloading/loading
- (2) Type of material unloaded/loaded
- (3) Moisture content of material either provided by the supplier or tested in accordance with Condition #005 of this section. A record shall be kept to indicate whether the moisture content was obtained from the supplier or from a test. If tested, the date of test shall be recorded.
- (4) Tonnage of material unloaded/loaded
- (5) Number of hours to unload/load the material
- (6) Any interruptions to the unloading/loading process and the reason for the interruption

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

A log shall be maintained of all incidents where material from the Bulk Material Handling System is spilled into the boat slip waters or the Delaware River.

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

The quantity of material retained (in pounds or tons) in the stockpiles shall be recorded on a monthly basis for each material handled at the facility.

015 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

Emissions of PM, PM10 and PM2.5 from the following categories shall be recorded on a monthly basis and as a 12-month rolling sum (recording the emission factor for each of the categories for each material handled at the facility):

- (a) Material transfer including ship off-loading or loading, storage pile construction and storage pile removal ("aggregate

**SECTION D. Source Level Requirements**

handling")

(b) Wind erosion from stockpiles

(c) Vehicular traffic

016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Wind speed and direction shall be continuously recorded, to include the date and time of the measurement, when material is being transferred to/from ships or trucks or when pile maintenance is performed on stockpiles.

017 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) On a monthly, and on a 12-month rolling basis, the total amount of each material handled at the facility that is unloaded from ships shall be recorded. Monthly records shall be kept separately for each type of material unloaded.

(b) On a monthly, and on a 12-month rolling basis, the total amount of each material that is loaded onto ships shall be recorded. Monthly records shall be kept separately for each type of material loaded.

(c) On a monthly, and on a 12-month rolling basis, the total amount of clean cover soils that are received into the facility shall be recorded.

(d) On a monthly, and on a 12-month rolling basis, the total facility throughput of all materials, whether loaded or unloaded, shall be recorded.

018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The following pertains to scrap steel.

The operator shall keep a log (date and times) of when the water suppression system is used and the activity which it controls (e.g. ship loading, pile maintenance).

019 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The vehicular miles traveled (VMT) for trucks bringing material in and out of the facility shall be recorded on a monthly basis.

020 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The quantity of material (in pounds or tons) transferred due to ship loading/unloading, stockpile construction or truck loading/unloading ("aggregate handling operations") shall be recorded on a monthly basis for each material handled at the facility.

021 [25 Pa. Code §127.441]

Operating permit terms and conditions.

When a water truck or street sweeper is used to control emissions from roads within the facility, then the operator/owner shall maintain a log on-site at all times identifying when the water truck and/or street sweeper is used.

022 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep a record of each lessee's Best Management Practices (BMP) and the BMP of any port facility management company contracted by the permittee, if available.

Additionally, the permittee shall maintain a list of materials newly added, pursuant to Condition #003(a), and those approved by the Department, pursuant to Condition #003(b)(3), for receipt into or transfer out of the facility with the date of the latest update. The list shall include associated practices for minimizing air contaminant emissions and other information submitted as approved by the Department pursuant to Condition #003(b)(3).

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.****# 023 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall contact the Department the first time, after the effective date of this Operating Permit, that a particular material is transferred into or out of the facility by ships, such that the Department may observe the loading or unloading of each type of material handled at this facility. The Department shall be notified a minimum of five business (5) days before the shipment is scheduled to take place.

VI. WORK PRACTICE REQUIREMENTS.**# 024 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Any time that a cargo ship is unloading into salt trucks, the material shall be transferred by use of hoppers.

(b) Materials unloaded from a ship shall either be directly placed onto the dock behind retaining walls, or transferred to trucks via the use of hoppers, in accordance with the lessee's Best Management Practices

(c) Scrap steel shall be loaded onto a ship from piles placed behind a retaining wall.

(d) Loading, unloading, and transfer of materials shall be conducted in such a way that materials are transferred at a speed that minimizes visible emissions.

025 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

Operators shall take all necessary measures to prevent materials from dropping into the boat slip waters or the Delaware River. These measures include, but are not limited to: checking/correction of leaks from clamshell buckets and operator control of clamshell and grab speeds.

026 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The following pertains to the unloading of salt from ships:

(a) At all times during unloading operations, the clamshell bucket shall be brought below the top of the hopper, before discharging the load.

(b) Unless the crane operator can visually determine it, the hoppers shall be equipped with a device to alert the crane operator when the hopper is two-thirds full.

(c) Adequate supervision shall be employed to ensure that the clamshell buckets are not leaking. If a leak is discovered, unloading of salt shall cease until the clamshell is repaired.

(d) Fugitive emissions shall not occur from the clamshell bucket operations.

(e) The Department reserves the right to require modification of the method of unloading the salt by the clamshell buckets and/or modification of the hopper so that fugitive emissions do not occur.

027 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) Scrap steel stockpiles shall not exceed a height such that they cannot be adequately treated with water suppression.

(b) Non-working faces of salt piles shall be covered by a tarp or some other equivalent material(s).

028 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

SECTION D. Source Level Requirements

The following pertains to the unloading/loading and pile maintenance of scrap steel:

(a) Whenever scrap steel is unloaded/loaded or whenever pile maintenance is performed, the facility shall employ the necessary operating practices and/or wet dust suppression systems in order to control fugitive emissions from the operation.

(b) If at any time, when a water suppression system is required but not operating properly to minimize fugitive dust from being airborne, the owner/operator must take appropriate corrective actions immediately. The handling of the scrap steel shall be suspended until the water suppression system is operating properly or can be replaced by another water suppression system adequate to control fugitive dust from such operations.

029 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) Material transfer operations including ship or truck loading/unloading or stockpile maintenance shall cease operation when the wind speed reaches a sustained speed of 25 miles per hour for a continuous period of 15-minutes and operations shall not resume until the average wind speed has dropped below 25 miles per hour for a continuous period of at least 15 minutes.

(b) Part (a) of this condition does not apply to salt unloading/loading that's required for cold weather emergencies. However, emissions from the operations shall remain within the limitations of 25 Pa. Code Section 123.1 and 123.2.

(c) During such periods of high winds, when the loading/unloading/stockpile maintenance operations must cease, the water suppression systems shall continue to operate as necessary so as to minimize fugitive emissions.

(d) The Department reserves the right to modify the monitoring requirements or definition of high winds at any time, based on but not limited to complaints, monitoring results and/or Department findings.

030 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

When the facility is not attended, steps shall be taken to ensure that no visible emissions occur. This shall be accomplished by, but not be limited to maintaining surface moisture on materials, covering materials, or arranging piles to minimize contact with wind.

031 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

Fugitive emissions from roads within the facility shall be controlled by a water truck and/or street sweeper. The Department reserves the right to require additional controls if emissions from vehicular traffic are not being adequately controlled with a water truck and/or street sweeper.

032 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The following general procedures pertain to the unloading from ships of each material handled at the facility:

(a) Other than for unloading into salt trucks as indicated in Condition #024, at times that a cargo ship is unloading materials into trucks, the material shall be transferred with or without the use of hoppers as most appropriate.

(b) At all times during unloading operations, the clamshell bucket shall be brought below the top of the hopper (if being used) before discharging the load.

(c) Unless the crane operator can visually determine it, the hoppers (if being used) shall be equipped with a device to alert the crane operator when the hopper is two-thirds full.

(d) Adequate supervision shall be employed to ensure that the clamshell buckets are not leaking. If a leak is discovered, unloading of material shall cease until the clamshell is repaired.

SECTION D. Source Level Requirements

(e) Fugitive emissions shall not occur from the clamshell bucket operations.

(f) The Department reserves the right to require modification of the method of unloading materials by the clamshell buckets and/or modification of the hopper so that fugitive emissions do not occur.

033 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The following pertains to clean cover soils:

The owner/operator shall adhere to the Department's Clean Fill Policy regarding cover soils received into the facility.

VII. ADDITIONAL REQUIREMENTS.**# 034 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The Bulk Material Handling System and controls (Source IDs 101, C01, C03) consists of various hoppers, cranes with clamshell buckets, orange peel grapples, magnetic stackers, rubber tire loaders, front end loaders, wet suppression system(s), water trucks and various stockpile areas.

035 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall calculate PM, PM10 and PM2.5 emissions from the Bulk Material Handling System by means consistent with procedures used in Plan Approval application 09-0192, which serves as the basis for this Operating Permit.

(b) Should the owner/operator deem it necessary to use a different method of calculations and equations, the owner/operator may request approval from the Department to do so. The owner/operator shall not use different calculations and equations until prior approval is received from the Department.

036 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall not allow use of the Bulk Material Handling System (Source ID 101) by any lessee until the lessee prepares and submits to the permittee a Best Management Practices (BMP) for their operation to assure that fugitive emissions are minimized.

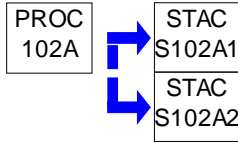
Alternatively, a lessee may agree to use the Best Management Practices of a port facility management company contracted by the permittee, if the requirements are more stringent.

SECTION D. Source Level Requirements

Source ID: 102A

Source Name: IC ENGINES(2) - WINCO GENERATOR

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4204]****Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What emission standards must I meet for non-emergency engines if I am an owner or operator of a stationary CI internal combustion engine?**

Pursuant to 40 CFR Section 60.4204(b), the owner/operator shall comply with the following emissions standards in 40 CFR Section 60.4201(a):

The engine shall be certified to the emission standards for new nonroad CI engines in 40 CFR 89.112, 40 CFR 89.113, 40 CFR 1039.101, 40 CFR 1039.102, 40 CFR 1039.104, 40 CFR 1039.105, 40 CFR 1039.107, and 40 CFR 1039.115, as applicable, for all pollutants, for the same model year and maximum engine power.

Fuel Restriction(s).**# 002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4207]****Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to this subpart?**

a) The owner/operator shall use diesel fuel that meets the requirements of 40 CFR Section 80.510(b) for nonroad diesel fuel:

- (1) Sulfur content: 15 ppm maximum
- (2) Cetane index or aromatic content, as follows:
 - (i) A minimum cetane index of 40; or
 - (ii) A maximum aromatic content of 35 volume percent.

(b) Any existing diesel fuel obtained prior to October 1, 2010 may be used until depleted.

II. TESTING REQUIREMENTS.**# 003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]****Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

Pursuant to 40 CFR Section 60.4211(g)(1),

If the owner/operator does not install, configure, operate, and maintain the engine and control device according to the manufacturer's emission-related written instructions, or if the emission-related settings are changed in a way that is not permitted by the manufacturer, the owner/operator shall conduct an initial performance test to demonstrate compliance with the applicable emission standards within 1 year of such action.

004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4212]**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What test methods and other procedures must I use if I am an owner or operator of a stationary CI internal combustion**

**SECTION D. Source Level Requirements****engine with a displacement of less than 30 liters per cylinder?**

Any testing required on these engines shall be conducted in accordance with 40 CFR Sections 60.4212 and 60.8, as applicable.

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.

**# 005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]
Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

Pursuant to 40 CFR Sections 60.4211(a) and (g)(1), the owner/operator shall, except as provided in paragraph (b) and Condition #003:

- (a)
- (1) Operate and maintain the engine and any control device according to the manufacturer's emission-related written instructions;
 - (2) Change only those emission-related settings that are permitted by the manufacturer; and
 - (3) Meet the applicable requirements of 40 CFR parts 89, 94 and/or 1068.

(b) If the owner/operator does not install, configure, operate, and maintain the engine and control device according to the manufacturer's emission-related written instructions, or if the emission-related settings are changed in a way that is not permitted by the manufacturer, the owner/operator shall keep a maintenance plan and records of conducted maintenance to demonstrate compliance with Subpart III and shall, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions.

VII. ADDITIONAL REQUIREMENTS.

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

This source comprises two (2) 15kW Winco generator Model DE2014-03/2 engines. Model Year 2018/2019.

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

These engines are subject to 40 CFR Part 60, Subpart III and shall comply with all applicable requirements.
Note: This source is regulated as a "non-emergency" stationary reciprocating internal combustion engine.

**# 008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]
Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

**SECTION D. Source Level Requirements**

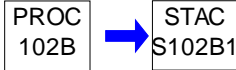
The owner/operator shall demonstrate compliance with the emissions limitations in 40 CFR Section 60.4204(b) (Condition #001), by purchasing an engine certified to the emissions standards in 40 CFR Section 60.4204(b).

SECTION D. Source Level Requirements

Source ID: 102B

Source Name: IC ENGINE - KOHLER GENERATOR

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

The owner/operator shall read the hours of operation from the hour meter installed on the engine on a weekly basis.

IV. RECORDKEEPING REQUIREMENTS.

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

(a) The owner/operator shall record the hours of operation on a weekly basis.

(b) The owner/operator shall record the date of the oil changes and inspections pursuant to Condition #003 of this section and the operating hours between oil changes and inspections.

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.

**# 003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]
Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?**

Pursuant to 40 CFR Section 63.6603(a) and Table 2d, Item 1, the owner/operator shall:

- (a) change the oil and filter every 1000 hours of operation or annually, whichever comes first;
- (b) inspect the air cleaner every 1000 hours of operation or annually, whichever comes first, and replace as necessary;
- (c) inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

**# 004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]
Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?**

SECTION D. Source Level Requirements

Pursuant to 40 CFR Section 63.6603(a) and Table 2d, Item 1, the owner/operator shall:

Minimize the engine's time spent at idle and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

VII. ADDITIONAL REQUIREMENTS.**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source is subject to 40 CFR Part 63 Subpart ZZZZ and shall comply with all applicable regulations.

Note: This source is regulated as a "non-emergency" stationary reciprocating internal combustion engine.

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

This source comprises a Kohler Model 20RE0ZJB generator engine (John Deere 3029TF150), 64 hp rating, Model Year 2005/2006.



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.



SECTION F. Emission Restriction Summary.

Source Id Source Description

Site Emission Restriction Summary

Emission Limit		Pollutant
79.800 Tons/Yr	12-month rolling sum basis	TSP
12.200 Tons/Yr	12-month rolling sum basis	PM2.5
34.600 Tons/Yr	12-month rolling sum basis	PM10

**SECTION G. Miscellaneous.**

(A) Plan Approval 09-0192 serves as the basis for this initial issuance of the Operating Permit, APS 765384 AUTH 903135.

(B) This initial Operating Permit includes the incorporation of RFD 2597 pertaining to clean cover soils.

(C) The following changes from Plan Approval 09-0192 are made with this initial issuance of the Operating Permit. Any condition references are to conditions in Plan Approval 09-0192.

Cover page:

Robert Luliucci is the new responsible official.

Section A:

Source ID 102 (3 IC Engines) is added to the Inventory List and Permit Maps.

Section C:

The phrase "pursuant to 25 Pa. Code Section 129.14" is added to Condition #002 (a)(6), pertaining to open burning emissions.

"The permittee" is changed to "A person" in Condition #006 pertaining to open burning prohibition.

The following conditions are included:

Recordkeeping for emissions increases;

Reporting for Risk Management pursuant to 40 CFR Section 68. This condition was in Section B of the Plan Approval;

Reporting condition for annual source emissions inventory report, pursuant to 25 Pa. Code Section 135.3, upon request of the Department.

Work Practice requiring the installation of an air cleaning device at any time to comply with any applicable regulation;

Work Practice forbidding modification to any air contaminant system except for those producing de minimis emissions increases.

Section D:

Source ID 101

#002 - The condition is modified to include unloading of materials from trucks as well as ships, and in addition the throughput limitation of 100,000 tons for clean cover soils per 12-month rolling period is included.

#003 - Clean cover soils are added to the approved materials.

#007, #008, #011, #014, #017, #020 - Clean cover soils are added to the materials list.

#012(3) - The condition is clarified to include the recording of whether the moisture content is obtained from the supplier or a test and the date of the test.

#030 - The condition is clarified to refer to crushing of materials received into the facility pursuant to Conditions #002 and #003.

A condition requiring that clean cover soils received into the facility adhere to the Department's Clean Fill Policy is added.

Source ID 102

The requirements of 40 CFR Part 60 Subpart IIII are included.

(D) APS # 765384 AUTH # 1131623

Cover Page

Brian Bolvin is the new permit contact.

The following changes were made pursuant to the minor modification application. Condition numbers refer to the current issuance.

Section D, Source ID 101

Condition #002 (d)

**SECTION G. Miscellaneous.**

The word "facility" was replaced with "Dock Facility."

Condition #003(a)

The condition was revised to remove the list of specific materials and replaced with identification of an approved material in terms of utilization of the bulk handling system equipment (Condition #034), an emission factor less than 0.0144 lb/ton, as calculated by the equation in AP-42 Section 13.2.4.3, available BMPs (Condition #036) and moisture content (Condition #005).

Condition #003 (b)(3)

The RFD language in the condition was replaced with the following:

"Should the permittee seek Department approval, or evaluation of the dust producing potential of a material not approved by this Operating Permit, the permittee shall request approval for receipt into or transfer from the facility of additional materials in writing a minimum of 30 days before receipt into or shipment from the facility is anticipated. The request shall include the material to be received, the projected quantity and estimated particulate matter emissions (PM, PM10, PM2.5), anticipated handling procedures, moisture content of the material, and work practices that will minimize air contaminant emissions. The Department may request additional information."

A note was also added to the condition providing that some materials that the Department may approve, pursuant to Condition #003(b)(3), for receipt into the facility without a Plan Approval, may require simultaneous approval through a minor modification application in accordance with 25 Pa. Code Section 127.462, if the request contravenes the terms of Operating Permit 09-00192

Condition #003(b)(4)

The following condition was added:

Emissions from and throughput of all materials received into or transferred from the facility, including those newly approved pursuant to paragraph (b)(3) of this condition, shall not exceed the limitations in this Operating Permit.

Condition #007(a) and (b)

The list of approved materials was removed from Condition #007 (a) and (b) and replaced so the condition now reads as follows.

- (a) On a monthly and on a 12-month rolling basis, the total amount of each material handled at the facility that is unloaded from ships shall be calculated. Monthly calculations shall be performed separately for each type of material unloaded.
- (b) On a monthly and on a 12-month rolling basis, the total amount of each material handled at the facility that is loaded onto ships shall be calculated. Monthly calculations shall be performed separately for each type of material loaded.

Similar changes replacing the list of approved materials with "each material handled at the facility" were made to Conditions #008, #011, #014, #015, #017, #020.

Condition #015

The requirement to record the emission factor for each of the listed categories was added to the condition.

Condition #022

The word "owner" was changed to "permittee."

A paragraph was added to the Condition requiring the permittee to maintain a list of materials newly added, pursuant to Condition #003(a), and those approved by the Department pursuant to Condition #003(b)(3), for receipt into or transfer out of the facility with the date of the latest update. This list shall include associated practices for minimizing air contaminant emissions and other information submitted as approved by the Department pursuant to Condition #003(b)(3).

Condition #024(b)

The condition was revised to read:

"Materials unloaded from a ship will either be directly placed onto the dock behind retaining walls or transferred to trucks via the use of hoppers, in accordance with the lessee's Best Management Practices."

Condition #034

The following generic handling condition was added as follows.

"The following general procedures pertain to the unloading from ships of each material handled at the facility:

- (a) Other than for unloading into salt trucks as indicated in Condition #024, at times that a cargo ship is unloading materials into trucks, the material shall be transferred with or without the use of hoppers as most appropriate.
- (b) At all times during unloading operations, the clamshell bucket shall be brought below the top of the hopper (if being used) before discharging the load.



SECTION G. Miscellaneous.

- (c) Unless the crane operator can visually determine it, the hoppers (if being used) shall be equipped with a device to alert the crane operator when the hopper is two-thirds full.
- (d) Adequate supervision shall be employed to ensure that the clamshell buckets are not leaking. If a leak is discovered, unloading of material shall cease until the clamshell is repaired.
- (e) Fugitive emissions shall not occur from the clamshell bucket operations.
- (f) The Department reserves the right to require modification of the method of unloading materials by the clamshell buckets and/or modification of the hopper so that fugitive emissions do not occur.

The following additional changes were made with this permit opening.

Section C - Monitoring

Condition #008 was updated in accordance with current DEP guidelines for standard conditions.

A condition was added requiring the calculation of total facility emissions of PM, PM10 and PM2.5 on a monthly and 12-month rolling basis to accompany the emissions recordkeeping condition #010.

Section D, Source ID 101 Condition #030 relating to crushing was removed. Any crushing activity is subject to the applicable regulations and permitting requirements of 25 Pa. Code.

(E) Note: As of this issuance of the Operating Permit (APS No. 765384 AUTH ID No. 1131623), pumice, gypsum, slag, salt, scrap steel were approved for handling at the facility under Plan Approval 09-0192, clean cover soils under RFD 2597 and sugar under RFD 5322. Additional materials may be received into/transported from the facility under this Operating Permit as provided in Section D, Source ID 101 Conditions #003(a) and #003(b).

(F) APS No. 765384 AUTH No. 1200525 May 2019

The Operating Permit is renewed. The following changes are made with this issuance of the Operating Permit. Condition numbers refer to the June 22, 2016 issuance of the modified operating permit.

Cover Page

The Responsible Official is changed to Robert C. Jones, District Manager II, Fairless Complex, 215-768-1051

Section C

The following standard conditions were modified in wording to correspond to the most recent DEP guidelines for standard conditions. Lists in Condition #002 and #006 were expanded to correspond exactly to the list in the regulation cited. Condition #002 was separated into emissions (part (a)) and work practice requirements (part (b)).

- #002
- #003
- #006
- #007
- #017

Two standard conditions encompassing 25 Pa. Code Sections 123.41 and 123.42, pertaining to limitations for visible emissions were included.

A Compliance Schedule was added for the engines in Source ID 102A. These engines function as stationary internal combustion engines but do not comply with 40 CFR Part 60 Subpart IIII. The permittee shall ensure that the engines are not operated past the end of the year 2019.

Section D

Source ID 101

Condition #003(a)

Units of the Emission factor, Ea, (lb/ton) was added to the condition for clarity.

Condition #022

The condition was revised to include the keeping of the Best Management Practices for any port managent company contracted by the permittee.

**SECTION G. Miscellaneous.**

Condition #036

In order to allow for flexibility, the condition was revised to allow a lessee to use the Best Management Practices of a port facility management company contracted by the permittee.

The permit maps and conditions for the Yanmar and Kubota engines (Source ID 102) were removed and replaced with permit maps and conditions for 2 Winco generator engines (Source ID 102A) and a Kohler generator engine (Source ID 102B).



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