



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: July 10, 2023

Effective Date: July 10, 2023

Expiration Date: July 9, 2028

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 applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

TITLE V Permit No: 15-00008

Federal Tax Id - Plant Code: 23-3045458-1

Owner Information

Name: BUCKEYE TERM LLC
Mailing Address: 5002 BUCKEYE RD
EMMAUS, PA 18049-5347

Plant Information

Plant: BUCKEYE TERM LLC/MALVERN TERM
Location: 15 Chester County 15925 East Whiteland Township
SIC Code: 5171 Wholesale Trade - Petroleum Bulk Stations And Terminals

Responsible Official

Name: DAVID TENCH
Title: OPERATIONS MANAGER
Phone: (610) 808 - 9713 Email: dtench@buckeye.com

Permit Contact Person

Name: ASHLEY KCLASS
Title: ENV SPECIALIST - EAST REG
Phone: (610) 577 - 6953 Email: aklass@buckeye.com

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



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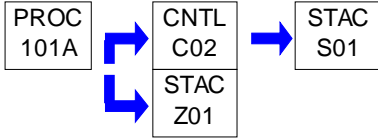
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SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
101A	LOADING RACK	53,082.000 Th Gal/HR	GASOLINE(S)/PETROL DI
C02	VAPOR RECOVERY UNIT (VRU)	53,082.000 Gal/HR	GAS/PETROL DIST VAPOF
S01	VRU STACK		
Z01	LOADING RACK FUGITIVE EMISSIONS		

PERMIT MAPS



**SECTION B. General Title V 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 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 121.7]**Prohibition of Air Pollution**

No person may permit air pollution as that term is defined in the act.

#003 [25 Pa. Code § 127.512(c)(4)]**Property Rights**

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

#004 [25 Pa. Code § 127.446(a) and (c)]**Permit Expiration**

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. The terms and conditions of the expired permit shall automatically continue pending issuance of a new Title V 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. 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.

#005 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e), 127.503 & 127.704(b)]**Permit Renewal**

(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air Manager within the timeframe specified in this permit condition.

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. 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.

(c) 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. The application for renewal of the Title V permit shall also include submission of compliance review forms which have been used by the permittee to update information submitted in accordance with either 25 Pa. Code § 127.412(b) or § 127.412(j).

(d) 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 during the permit renewal process. The permittee shall also promptly provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

#006 [25 Pa. Code §§ 127.450(a)(4) & 127.464(a)]**Transfer of Ownership or Operational Control**

(a) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership or operational control of the source shall be treated as an administrative amendment if:

- (1) The Department determines that no other change in the permit is necessary;
- (2) 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,
- (3) A compliance review form has been submitted to the Department and the permit transfer has been approved by

**SECTION B. General Title V Requirements**

the Department.

(b) In accordance with 25 Pa. Code § 127.464(a), this permit may not be transferred to another person except in cases of transfer-of-ownership which are documented and approved to the satisfaction of the Department.

#007 [25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA]**Inspection and Entry**

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

- (1) Enter at reasonable times upon the permittee's premises where a Title V 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 or remove, at reasonable times, records that are kept under the conditions of this permit;
- (3) Inspect at reasonable times, 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, 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.

(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.

#008 [25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)]**Compliance Requirements**

(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) 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 to the source are 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 Title V permit.

#009 [25 Pa. Code § 127.512(c)(2)]**Need to Halt or Reduce Activity Not a Defense**

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

**SECTION B. General Title V Requirements****#010 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]****Duty to Provide Information**

(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit.

(b) Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to keep by this permit, or for information claimed to be confidential, the permittee may furnish such records directly to the Administrator of EPA along with a claim of confidentiality.

#011 [25 Pa. Code §§ 127.463, 127.512(c)(3) & 127.542]**Reopening and Revising the Title V Permit for Cause**

(a) This Title V permit may be modified, revoked, reopened and reissued or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay a permit condition.

(b) This permit may be reopened, revised and reissued prior to expiration of the permit under one or more of the following circumstances:

(1) Additional applicable requirements under the Clean Air Act or the Air Pollution Control Act become applicable to a Title V facility with a remaining permit term of three (3) or more years prior to the expiration date of this permit. The Department will revise the permit as expeditiously as practicable but not later than 18 months after promulgation of the applicable standards or regulations. No such revision is required if the effective date of the requirement is later than the expiration date of this permit, unless the original permit or its terms and conditions has been extended.

(2) Additional requirements, including excess emissions requirements, become applicable to an affected source under the acid rain program. Upon approval by the Administrator of EPA, excess emissions offset plans for an affected source shall be incorporated into the permit.

(3) The Department or the EPA determines that this permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

(4) The Department or the Administrator of EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

(c) Proceedings to revise this permit shall follow the same procedures which apply to initial permit issuance and shall affect only those parts of this permit for which cause to revise exists. The revision shall be made as expeditiously as practicable.

(d) Regardless of whether a revision is made in accordance with (b)(1) above, the permittee shall meet the applicable standards or regulations promulgated under the Clean Air Act within the time frame required by standards or regulations.

#012 [25 Pa. Code § 127.543]**Reopening a Title V Permit for Cause by EPA**

As required by the Clean Air Act and regulations adopted thereunder, this permit may be modified, reopened and reissued, revoked or terminated for cause by EPA in accordance with procedures specified in 25 Pa. Code § 127.543.

#013 [25 Pa. Code § 127.522(a)]**Operating Permit Application Review by the EPA**

The applicant may be required by the Department to provide a copy of the permit application, including the compliance plan, directly to the Administrator of the EPA. Copies of title V permit applications to EPA, pursuant to 25 PA Code §127.522(a), shall be submitted, if required, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

**SECTION B. General Title V Requirements****#014 [25 Pa. Code § 127.541]****Significant Operating Permit Modifications**

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541. Notifications to EPA, pursuant to 25 PA Code §127.522(a), if required, shall be submitted, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

#015 [25 Pa. Code §§ 121.1 & 127.462]**Minor Operating Permit Modifications**

The permittee may make minor operating permit modifications (as defined in 25 Pa. Code §121.1), on an expedited basis, in accordance with 25 Pa. Code §127.462 (relating to minor operating permit modifications). Notifications to EPA, pursuant to 25 PA Code §127.462(c), if required, shall be submitted, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

#016 [25 Pa. Code § 127.450]**Administrative Operating Permit Amendments**

(a) The permittee may request administrative operating permit amendments, as defined in 25 Pa. Code §127.450(a). Copies of request for administrative permit amendment to EPA, pursuant to 25 PA Code §127.450(c)(1), if required, shall be submitted to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

(b) Upon final action by the Department granting a request for an administrative operating permit amendment covered under §127.450(a)(5), the permit shield provisions in 25 Pa. Code § 127.516 (relating to permit shield) shall apply to administrative permit amendments incorporated in this Title V Permit in accordance with §127.450(c), unless precluded by the Clean Air Act or the regulations thereunder.

#017 [25 Pa. Code § 127.512(b)]**Severability Clause**

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

#018 [25 Pa. Code §§ 127.704, 127.705 & 127.707]**Fee Payment**

(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees). 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.

(b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual Title V emission fees for emissions occurring in the previous calendar year as specified in 25 Pa. Code § 127.705. The permittee is not required to pay an emission fee for emissions of more than 4,000 tons of each regulated pollutant emitted from the facility.

(c) As used in this permit condition, the term "regulated pollutant" is defined as a VOC, each pollutant regulated under Sections 111 and 112 of the Clean Air Act and each pollutant for which a National Ambient Air Quality Standard has been promulgated, except that carbon monoxide is excluded.

**SECTION B. General Title V Requirements**

(d) Late Payment. Late payment of emission fees will subject the permittee to the penalties prescribed in 25 Pa. Code § 127.707 and may result in the suspension or termination of the Title V permit. The permittee shall pay a penalty of fifty percent (50%) of the fee amount, plus interest on the fee amount computed in accordance with 26 U.S.C.A. § 6621(a)(2) from the date the emission fee should have been paid in accordance with the time frame specified in 25 Pa. Code § 127.705(c).

(e) The permittee shall pay an annual operating permit maintenance fee according to the following fee schedule established in 25 Pa. Code § 127.704(d) on or before December 31 of each year for the next calendar year.

(1) Eight thousand dollars (\$8,000) for calendar years 2021—2025.

(2) Ten thousand dollars (\$10,000) for calendar years 2026—2030.

(3) Twelve thousand five hundred dollars (\$12,500) for the calendar years beginning with 2031.

#019 [25 Pa. Code §§ 127.14(b) & 127.449]**Authorization for De Minimis Emission Increases**

(a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written notice before commencing any de minimis emissions increase that would result from either: (1) a physical change of minor significance under § 127.14(c)(1); or (2) the construction, installation, modification or reactivation of an air contamination source. 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.

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

(b) Except as provided below in (c) and (d) of this permit condition, the permittee is authorized during the term of this permit 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 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 or 25 Pa. Code Article III.

(c) In accordance with § 127.14, the permittee may install the following minor sources without the need for a plan approval:

(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.

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(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, liquefied petroleum gas 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.

(d) 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 (b)(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 the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(4) Changes which are modifications under any provision of Title I of the Clean Air Act and emission increases which would exceed the allowable emissions level (expressed as a rate of emissions or in terms of total emissions) under the Title V permit.

(e) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) shall extend to the changes made under 25 Pa. Code § 127.449 (relating to de minimis emission increases).

(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 allowed under this permit, 25 Pa. Code § 127.449, or sources and physical changes meeting the requirements of 25 Pa. Code § 127.14, the permittee is prohibited from making physical 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.

#020 [25 Pa. Code §§ 127.11a & 127.215]**Reactivation of Sources**

(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source will not be considered a new source.

(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).

#021 [25 Pa. Code §§ 121.9 & 127.216]**Circumvention**

(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the

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phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) 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 this permit, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#022 [25 Pa. Code §§ 127.402(d) & 127.513(1)]**Submissions**

(a) 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 on the permit transmittal letter, or otherwise notified)

(b) Any report or notification for the EPA Administrator or EPA Region III should be addressed to:

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

The Title V compliance certification shall be emailed to EPA at R3_APD_Permits@epa.gov.

(c) An application, form, report or compliance certification submitted pursuant to this permit condition shall contain certification by a responsible official as to truth, accuracy, and completeness as required under 25 Pa. Code § 127.402(d). Unless otherwise required by the Clean Air Act or regulations adopted thereunder, this certification and any other certification required pursuant to this permit shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

#023 [25 Pa. Code §§ 127.441(c) & 127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA]**Sampling, Testing and Monitoring Procedures**

(a) The permittee shall perform the emissions monitoring and analysis procedures or test methods for applicable requirements of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this permit, the Permittee shall comply with any additional applicable requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) The sampling, testing and monitoring required under the applicable requirements of this permit, shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139 unless alternative methodology is required by the Clean Air Act (including §§ 114(a)(3) and 504(b)) and regulations adopted thereunder.

#024 [25 Pa. Code §§ 127.511 & Chapter 135]**Recordkeeping Requirements**

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

- (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.

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(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 the 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. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

#025 [25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)]**Reporting Requirements**

(a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit. In addition to the reporting requirements specified herein, the permittee shall comply with any additional applicable reporting requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) Pursuant to 25 Pa. Code § 127.511(c), the permittee shall submit reports of required monitoring at least every six (6) months unless otherwise specified in this permit. Instances of deviations (as defined in 25 Pa. Code § 121.1) from permit requirements shall be clearly identified in the reports. The reporting of deviations shall include the probable cause of the deviations and corrective actions or preventative measures taken, except that sources with continuous emission monitoring systems shall report according to the protocol established and approved by the Department for the source. The required reports shall be certified by a responsible official.

(c) Every report submitted to the Department under this permit condition shall comply with the submission procedures specified in Section B, Condition #022(c) of this permit.

(d) Any records, reports or information obtained by the Department or referred to in a public hearing shall be made available to the public by the Department except for such records, reports or information for which the permittee has shown cause that the documents should be considered confidential and protected from disclosure to the public under Section 4013.2 of the Air Pollution Control Act and consistent with Sections 112(d) and 114(c) of the Clean Air Act and 25 Pa. Code § 127.411(d). The permittee may not request a claim of confidentiality for any emissions data generated for the Title V facility.

#026 [25 Pa. Code § 127.513]**Compliance Certification**

(a) One year after the date of issuance of the Title V permit, and each year thereafter, unless specified elsewhere in the permit, the permittee shall submit to the Department and EPA Region III a certificate of compliance with the terms and conditions in this permit, for the previous year, including the emission limitations, standards or work practices. This certification shall include:

- (1) The identification of each term or condition of the permit that is the basis of the certification.
- (2) The compliance status.
- (3) The methods used for determining the compliance status of the source, currently and over the reporting period.
- (4) Whether compliance was continuous or intermittent.

(b) The compliance certification shall be postmarked or hand-delivered no later than thirty days after each anniversary of the date of issuance of this Title V Operating Permit, or on the submittal date specified elsewhere in the permit, to the Department in accordance with the submission requirements specified in Section B, Condition #022 of this permit. The Title V compliance certification shall be emailed to EPA at R3_APD_Permits@epa.gov.

**SECTION B. General Title V Requirements****#027 [25 Pa. Code § 127.3]****Operational Flexibility**

The permittee is authorized to make changes within the Title V facility in accordance with the following provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements of Section 502(b)(10) of the Clean Air Act and Section 6.1(i) of the Air Pollution Control Act:

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

#028 [25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68]**Risk Management**

(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 listed threshold quantity at the Title V facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:

- (1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:
 - (i) Three years after the date on which a regulated substance is first listed under § 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 the Title V 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 the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

**SECTION B. General Title V Requirements**

(e) If the Title V 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 the Title V 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:

(1) The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Section B, Condition #026 of this permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

#029 [25 Pa. Code § 127.512(e)]**Approved Economic Incentives and Emission Trading Programs**

No permit revision shall be required under approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this Title V permit.

#030 [25 Pa. Code §§ 127.516, 127.450(d), 127.449(f) & 127.462(g)]**Permit Shield**

(a) The permittee's compliance with the conditions of this permit shall be deemed in compliance with applicable requirements (as defined in 25 Pa. Code § 121.1) as of the date of permit issuance if either of the following applies:

(1) The applicable requirements are included and are specifically identified in this permit.

(2) The Department specifically identifies in the permit other requirements that are not applicable to the permitted facility or source.

(b) Nothing in 25 Pa. Code § 127.516 or the Title V permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act, including the authority of the Administrator of the EPA provided thereunder.

(2) The liability of the permittee for a violation of an applicable requirement prior to the time of permit issuance.

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act.

(4) The ability of the EPA to obtain information from the permittee under Section 114 of the Clean Air Act.

(c) Unless precluded by the Clean Air Act or regulations thereunder, final action by the Department incorporating a significant permit modification in this Title V Permit shall be covered by the permit shield at the time that the permit containing the significant modification is issued.

#031 [25 Pa. Code §135.3]**Reporting**

(a) 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 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.

#032 [25 Pa. Code §135.4]**Report Format**

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

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

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

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

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

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations, as specified in 25 Pa. Code § 129.14.
- (7) N/A
- (8) N/A

(9) Sources and classes of sources other than those identified in (1)-(8) of this condition, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:

- (i) The emissions are of minor significance with respect to causing air pollution; and
- (ii) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

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

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

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

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

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

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

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

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

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

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

**SECTION C. Site Level Requirements****# 007 [25 Pa. Code §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.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512(h).]

The permittee shall ensure that emission into the outdoor atmosphere of hazardous air pollutants (HAPs) from this facility occurs in such a manner that the rate of the emission is both of the following:

- (a) Less than 10 tons/yr for any individual HAP, calculated monthly as a twelve (12)-month rolling sum.
- (b) Less than 25 tons/yr for total HAPs, calculated monthly as a twelve (12)-month rolling sum.

[Compliance with this permit condition assures that the permittee will not be subject to the provisions of 40 C.F.R. Part 63, Subpart R. Compliance with the Throughput Restriction of Section D Source ID 101A Condition #002 also demonstrates compliance with this condition.]

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

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

III. MONITORING REQUIREMENTS.**# 010 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

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

**SECTION C. Site Level Requirements****# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

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

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

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

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

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

(d) 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.

(e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification (if applicable), complaints, monitoring results, and/or Department findings.

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

All records, reports, and analysis results generated in compliance with the requirements of any section of this permit shall be maintained in accordance with Condition # 024(b), Section B, of this permit, and shall be made available to the Department upon written or verbal request within a reasonable time.

[Compliance with this permit condition assures compliance with the recordkeeping timeframes specified in 40 C.F.R. §§ 60.505(c) and (f), 63.11081(j), 63.11094(a), and 70.6(a)(3)(ii)(B).]

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

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

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

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

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.

**SECTION C. Site Level Requirements**

(d) increases resulting from the issuance of a plan approval and subsequent operating permit.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11085(b), 63.11088(f), 63.11089(g), and 63.11094(g)(1)–(2), and 25 Pa. Code § 127.35(b).]

The permittee shall maintain records of the information specified in Condition # 018, Section C, of this permit.

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

The permittee shall maintain records of the following facility-wide emissions on a monthly and 12-month rolling basis, calculated using a Department-approved method(s):

- (a) The total emissions of each individual HAP.
- (b) The total HAP emissions.

017 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.62(a).]

The permittee shall maintain records of all gasoline discharges of more than twenty-five (25) gallons to a containment area or structure around an aboveground storage tank, more than five (5) gallons to a synthetic surface, or more than one (1) gallon to surface soils (hereinafter referred to as releases) at this facility. The records shall contain, at a minimum, the following items for each release:

- (a) The source(s) and location(s) (including surface type).
- (b) The starting and ending date(s) and times.
- (c) The quantity of gasoline released.
- (d) The wind direction.
- (e) The cause(s).
- (f) The corrective action(s) taken to abate the situation and prevent future occurrences.
- (g) The name and signature of the company representative.

V. REPORTING REQUIREMENTS.**# 018 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department at 484-250-5920. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

(b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies or incidents of excess emissions to the Department within three (3) business days of the telephone report.

**SECTION C. Site Level Requirements**

(c) The report shall describe the following:

- (1) Name, permit or authorization number, and location of the facility;
- (2) Nature and cause of the malfunction, emergency or incident;
- (3) Date and time when the malfunction, emergency or incident was first observed;
- (4) Expected duration of excess emissions;
- (5) Estimated rate of emissions; and
- (6) Corrective actions or preventative measures taken.

(d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.

(e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.

(f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.

(g) Any emissions resulted from malfunction or emergency are to be reported in the annual emissions inventory report, if the annual emissions inventory report is required by permit or authorization.

019 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.511(c)(2) and 129.62(a).]

The permittee shall notify the Department, as soon as practicable, of any release of gasoline that is not under control, not completely contained, and not completely recovered within two (2) hours of discovery of its occurrence, at (484) 250-5920. The permittee shall describe, to the extent information is available, the following information for each release:

- (a) The source and location (including surface type).
- (b) The starting date and time.
- (c) The quantity of gasoline involved.
- (d) All interim remedial actions planned, initiated, and/or completed.

020 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall submit the following:

- (a) An annual certificate of compliance, due by April 1st of each year, for the period covering January 1 through December 31 of the previous year. This certificate of compliance shall document compliance with all permit terms and conditions set forth in this Title V permit as required under condition #26 of section B of this permit. The annual certificate of compliance shall be submitted to DEP electronically, and to EPA Region III in electronic form at the following email address: R3_APD_Permits@epa.gov. The subject line shall read: "TVOP No. 15-00008, Buckeye Terminals, LLC".
- (b) A semi-annual deviation report to DEP, due by October 1 of each year, for the period covering January 1 through June 30 of the same year. Note: The annual certification of compliance fulfills the obligation for the second deviation reporting

**SECTION C. Site Level Requirements**

period (July 1 through December 31 of the previous year).

021 [25 Pa. Code §135.21]**Emission statements**

The permittee shall submit by March 1, of each year, an annual emission statement for NOx and VOC emissions for the preceding calendar year. Additionally, a description of the method used to calculate the emissions shall be included. The statement shall contain a certification by a company official or plant manager that the information contained in the statement is true and accurate.

VI. WORK PRACTICE REQUIREMENTS.**# 022 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

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

- (a) Use, where possible, of water or suitable chemicals, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
- (b) Application of asphalt, water, or other suitable chemicals, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (c) Paving and maintenance of roadways.
- (d) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or by other means.

023 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

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

024 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.62(a).]

The permittee shall not handle gasoline at this facility in a such a manner that results in its uncontrolled evaporation to the atmosphere, including, but not limited to, the following:

- (1) Discharge into sewers.
- (2) Storage in open containers.

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

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

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The permittee may not modify any air contaminant system identified in this permit, prior to obtaining Department approval, except those modifications authorized by Condition #019(g), of Section B, of this permit.



SECTION C. Site Level Requirements

VII. ADDITIONAL REQUIREMENTS.

027 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Buckeye Terminals, LLC (Tax ID 23-3045458-1) and Buckeye Pipe Line Transportation LLC (Tax ID 37-1504935-1), both located at 8 South Malin Road, Malvern, PA 19355 (East Whiteland Township, Chester County), shall be treated as a single major source for the purpose of applicability determinations.

(b) The aggregate of all pollutant emissions from both Buckeye Terminals, LLC (Title V Operating Permit No. 15-00008) and Buckeye Pipe Line Transportation LLC (Title V Operating Permit No. 15-00105), shall be considered in the Department's and EPA's determinations of applicability for air programs including, but not limited to, the following:

- (1) Prevention of Significant Deterioration (PSD).
- (2) New Source Review (NSR).
- (3) Maximum Achievable Control Technology (MACT) standards.
- (4) Accidental release prevention program requirements.

(c) Any increase in emissions from pollutant-emitting activities at either plant shall be combined and aggregated to determine whether an applicable requirement is triggered at the site.

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

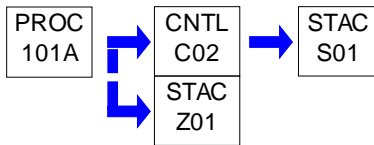
***** Permit Shield In Effect *****

**SECTION D. Source Level Requirements**

Source ID: 101A

Source Name: LOADING RACK

Source Capacity/Throughput: 53,082.000 Th Gal/HR GASOLINE(S)/PETROL DISTILLA

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.502(b), 63.11088(a), and 63.11092(b)(3) and (d)(1), and 25 Pa. Code Chapter 122 and §§ 127.35(b) and 127.512(h).]

(a) The permittee shall ensure that emission into the outdoor atmosphere of total organic compounds, excluding methane and ethane (TOCs), from the vapor collection system of this loading rack, as measured at the outlet of the associated VRU (Source ID C02) during the loading of gasoline tanker trucks (i.e., tanker trucks that are loading gasoline or have loaded gasoline on their immediately previous loads), does not exceed 35 mg/L gasoline loaded.

(b) The emission restriction specified in (a), above, corresponds to an outlet hydrocarbon concentration of 1.80%, by volume (as propane), as measured by the CEMS associated with the VRU and averaged over a six-hour period.

[Compliance with this streamlined permit condition assures compliance with 40 C.F.R. Part 63, Subpart BBBBBB, Table 2, Item 1(b); and 25 Pa. Code § 129.59(a).]

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

The permittee shall ensure that the amount of gasoline(s) loaded at this loading rack does not exceed 425,000,000 gallons in any consecutive twelve (12)-month period.

[Compliance with this permit condition assures that the permittee will not be subject to the provisions of 40 C.F.R. Part 63, Subpart R. Compliance with this condition also demonstrates compliance with Condition #008 of Section C of this permit.]

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

(a) The permittee shall perform a stack test using Department-approved procedures once every five (5) calendar years, where five (5) calendar years is defined as beginning with the calendar year the latest stack test was performed and ending on December 31, five (5) years later. In accordance with 25 Pa. Code § 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. Refer to PADEP Source Testing Program website online for further information related to source testing including Source Testing FAQ and the PADEP Source Testing Manual.

(b) The stack test shall, at a minimum, test for TOC emissions from this loading rack at the stack (Source ID S01) of the VRU (Source ID C02) associated with the loading rack during the summer months while gasoline is being loaded via the loading rack at its maximum normal operating capacity. Tests shall be conducted in accordance with the provisions of 40 C.F.R. § 60.503(a)-(d) or other Department approved methodology and 25 Pa. Code Chapter 139. Tests shall also be conducted in accordance with the provisions of the current version of the DEP Source Testing Manual and the EPA Clean Air Act National Stack Testing Guidance.

**SECTION D. Source Level Requirements**

(c) At least ninety (90) days prior to the stack test, the permittee shall submit, to the Department for approval, the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples. A test protocol shall be approved by the Source Testing Section of the Department prior to the test.

(d) At least thirty (30) days prior to the stack test, the permittee shall inform the Regional Air Quality Program Manager of the Department of the date(s) and time(s) of the test.

(e) Within sixty (60) days after the stack test, but no later than six (6) months prior to the expiration date of this permit, the permittee shall submit two copies of the complete test report, including all operating conditions and specific grades of gasoline used at the facility, to the Regional Air Quality Program Manager of the Department for approval.

(f) The permittee may request an extension of time for any deadlines indicated in (a)–(d), above, with which it is unable to comply. The request must be in writing and include a justification for the extension. The Department may grant the extension for reasonable cause.

(g) The results of the stack test shall be used to demonstrate compliance with Condition # 001, Section D (under Source ID 101A), of this permit.

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

(a) The permittee shall determine the VOC and HAP content of all volatile petroleum liquids loaded at this loading rack, as follows:

(1) The VOC content of the volatile petroleum liquids shall be determined based on the Reid Vapor Pressure (RVP) or True Vapor Pressure (TVP) of the volatile petroleum liquids based on supplier testing, RVP schedule, or safety data sheets.

(2) The HAP content of the volatile petroleum liquids shall be determined based on EPA speciation profiles, industry specific speciation profiles, or test data.

(3) Under all circumstances, the permittee shall ensure that the methodology used consistently yields the highest estimation of VOCs and HAPs in the volatile petroleum liquids loaded at the facility.

005 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall email all source test submissions (notifications, protocols, reports, supplemental information, etc.) to both the AQ Program Manager for the Southeast Regional Office and the PSIMS Administrator in Central Office (email addresses are provided below). Any questions or concerns about source testing submissions can be sent to RA-EPstacktesting@pa.gov and the PSIMS Administrator will address them.

Southeast Region
RA-EPSEstacktesting@pa.gov

Central Office
RA-EPstacktesting@pa.gov

(b) The following pertinent information shall be listed on the title page.

1. Test Date(s)

- a. For protocols, provide the proposed date on which testing will commence or "TBD"
- b. For reports, provide the first and last day of testing

2. Facility Identification Number (Facility - ID): For test programs that were conducted under a multi-site protocol, also include the PF ID under which the protocol was stored in PSIMS, as indicated in the protocol response letter.

3. Source ID(s) for the applicable source(s) and air pollution control device(s): The term Source ID is used in the permit

**SECTION D. Source Level Requirements**

but "Other Id" is used in DEP electronic systems. They are the same number and must also be listed for control equipment

4. Testing Requirements (all that apply)

- a. Plan approval number(s)
- b. Operating permit number
- c. Applicable federal subpart(s) (i.e. 40 CFR 60, Subpart JJJJ)
- d. Special purpose(s) (Consent Order, RFD, RACT, Tier II, etc.)

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

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

The permittee shall monitor the following operating parameters for each bay of this loading rack:

- (a) The name(s) and type(s) of the volatile petroleum liquid(s) loaded into and unloaded from tanker trucks.
- (b) The throughput(s), on a daily basis.

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

(a) The permittee shall maintain records of the following operating parameters for each bay of this loading rack:

- (1) The name(s) and type(s) of the volatile petroleum liquid(s) loaded into and unloaded from tanker trucks.
- (2) The throughput(s), on a daily basis.

(b) The permittee shall maintain records of the following operating parameters for this loading rack:

- (1) The name(s) and type(s) of the volatile petroleum liquid(s) loaded into and unloaded from tanker trucks.
- (2) The throughput(s), on a monthly basis and 12-month rolling sum basis.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.505(a)–(b), 63.11088(f), 63.11089(g), and 63.11094(b)(1)–(2), and 25 Pa. Code Chapter 122 and §§ 127.35(b) and 129.62(d)(1)–(2).]

The permittee shall maintain records of vapor tightness documentation for each gasoline tanker truck loaded or unloaded at this loading rack. The documentation for each respective tanker truck shall be maintained in a readily-accessible format, updated at least once per year to reflect current test results, and shall include, at a minimum, the following information:

- (a) The following information at the top of each page of the test report:
 - (1) The name of the company that performed the test (or retest).
 - (2) The date of the test (or retest).
 - (3) The location of the test (or retest).

**SECTION D. Source Level Requirements**

(b) The name and title of the test method: EPA Method 27—Determination of Vapor Tightness of Gasoline Delivery Tank Using Pressure-Vacuum Test

(c) The tanker truck owner and address.

(d) The tank identification or serial number.

(e) The results of the test (or retest), as follows:

(1) The initial test pressure and the time of the reading.

(2) The final test pressure and the time of the reading.

(3) The pressure change over five (5) minutes (mm of water), averaged over two runs.

(4) The initial test vacuum and the time of the reading.

(5) The final test vacuum and the time of the reading.

(6) The vacuum change over five (5) minutes (mm of water), averaged over two runs.

(7) The number of leaks found, if applicable.

(8) The nature of any leak(s).

(f) The name, title, and signature of the person that performed the test (or retest).

(g) The name, signature, and affiliation of the inspector that witnessed the test (or retest), if applicable.

(h) The following information for each repair performed in relation to vapor tightness testing:

(1) The date.

(2) The repair method(s) applied.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.502(j), 60.505(c)(2)–(4), 63.11088(f), 63.11089(c) and (g), and 63.11094(e)(1)–(7), and 25 Pa. Code Chapter 122 and § 127.35(b).]

The permittee shall maintain records of the following information, in the log book or electronic equivalent indicated in Condition # 015(a)–(c), Section C, of this permit, for each piece of equipment in gasoline service of/associated with this loading rack and associated VRU (Source ID C02) for which a leak is detected:

(a) The identification number.

(b) The associated source and, if applicable, the bay number of the loading rack.

(c) The type.

(d) The date of detection.

(e) The detection method(s) used (i.e., sight, sound, and/or smell).

(f) The nature of the leak (i.e., vapor or liquid).

**SECTION D. Source Level Requirements**

(g) The following for each attempt to repair the leak:

- (1) The date.
- (2) The repair method(s) applied.

(h) The reason(s) for any delay in repairing the leak (if not repaired within fifteen (15) calendar days after detection).

(i) The expected date of successful repair of the leak (if not repaired within fifteen (15) calendar days after detection).

(j) The date of successful repair of the leak.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.505(c)(1)–(2) and (5) and 25 Pa. Code Chapter 122.]

The permittee shall maintain records of all leak and maintenance inspections for each piece of equipment in gasoline service of/associated with this loading rack and associated VRU (Source ID C02). These records shall contain, at a minimum, the following for each inspection:

- (a) The date of the inspection.
- (b) The type of inspection (i.e., leak or maintenance).
- (c) Any leak(s) discovered. (If so, describe as specified in Condition # 008(a)–(i), Section D (under Source ID 101A), of this permit.)
- (d) Any maintenance (i.e., routine, preventative, or otherwise) performed, including the addition or replacement of components of the vapor processing system of the loading rack and/or associated VRU.
- (e) The name and signature of the person that performed the inspection.

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

The permittee shall maintain records of the following emissions from this loading rack on a monthly and 12-month rolling basis, calculated using a Department-approved method(s):

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total HAP emissions.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11088(f), 63.11089(b) and (g), and 63.11094(d), and 25 Pa. Code § 127.35(b).]

(a) The permittee shall maintain a log book or electronic equivalent for each piece of equipment in gasoline service (i.e., each pipe, valve, pump, pressure relief device, sampling connection system, open-ended valve or line, and flange or other connector in the gasoline liquid transfer and vapor collection and processing systems) at this facility. The log book or electronic equivalent shall contain a listing, description, and/or diagram(s) that includes and/or shows the following information for each piece of equipment in gasoline service:

- (1) The identification number.

**SECTION D. Source Level Requirements**

- (2) The associated source (i.e., the loading rack (Source ID 101A) or VRU (Source ID C02)) and, if applicable, the bay number of the loading rack.
- (3) The type.
- (4) The location.
- (b) The log book or electronic equivalent shall also contain a full description of any instrument program implemented as part of the leak inspections for each piece of equipment in gasoline service at the facility, as indicated in Condition # 015(a)(1)–(3), Section D (under Source ID 101A), of this permit.
- (c) The permittee shall sign the log book or electronic equivalent at the completion of each leak inspection.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11085(b), 63.11088(f), 63.11089(g), and 63.11095(a)(2)–(3), (b)(1)–(3) and (5)(i)–(iv), and (d), and 25 Pa. Code §§ 127.35(b) and 127.511(c)(2).]

(a) The permittee shall submit, to the Department, the following semi-annual reports for the loading rack (Source ID 101A) and/or associated VRU (Source ID C02) at this facility:

(1) A compliance report specifying the number of leaks not repaired within fifteen (15) calendar days after detection.

(2) An excess emissions report, which includes the following information:

(i) Each instance in which either the hydrocarbon concentration measured at the outlet of the VRU (Source ID C02), via the associated continuous emissions monitoring system (CEMS), exceeded the level specified in Condition # 001(b), Section D (under Source ID 101A), of this permit, or the permittee did not maintain records of the hydrocarbon concentration. The report shall also include the monitoring data for the day(s) that each instance occurred, and a description and timing of the steps taken to repair or perform maintenance on the vapor collection and processing systems of the loading rack and associated VRU, or the CEMS.

(ii) The information specified in Condition # 008(c), (f), (g), and (i), Section D (under Source ID 101A), of this permit, for each leak for which repair was either not attempted within five (5) calendar days or completed within fifteen (15) calendar days after detection:

(3) A malfunction report, which includes the following information:

(i) The total number of malfunctions.

(ii) The information specified in Condition # 018(c)(1)–(3) and (7), Section C, of this permit, for each malfunction.

(b) The reports indicated in (a)(1)–(3), above, shall be submitted according to the following schedule:

(1) By January 30th, of each year, for the period covering July 1–December 31, of the previous year.

(2) By July 30th, of each year, for the period covering January 1–June 30, of the same year.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.502(d) and 63.11088(a), and 25 Pa. Code Chapter 122 and § 127.35(b).]

**SECTION D. Source Level Requirements**

The permittee shall ensure that the vapor processing system of this loading rack prevents any volatile petroleum vapors collected at one bay from passing through another bay and directly into the outdoor atmosphere.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 60.502(h)–(i) and 25 Pa. Code Chapter 122 and § 129.62(b)(1)–(4).]

The permittee shall ensure that no gasoline is transferred between a storage tank (i.e., Source IDs 001–002, 104–106, 108–109, and 122, of Title V Operating Permit No. 15-00105) and a tanker truck, via this loading rack, unless the following conditions are met:

(a) The vapor collection system and volatile petroleum liquid loading equipment of the loading rack is in good working order and is designed and operated in a manner that prevents the following:

(1) Gauge pressure in the tanker truck from exceeding 450 mm of water (4.5 kPa, 18 inches of water, or 0.65 psig), as measured/determined using the procedures specified in 40 C.F.R. § 60.503(d)(1)–(2), during loading.

(2) Vacuum in the tanker truck from exceeding 150 mm of water (1.5 kPa, 6 inches of water, or 0.22 psig).

(3) A reading equal to or greater than 100% of the lower explosive limit (LEL) (as propane), as measured at one (1) inch from points on the perimeter of a potential leak source(s) using EPA Method 21, during loading or unloading.

(4) Avoidable liquid leaks during loading or unloading.

(b) The tanker truck or loading rack, as applicable, is repaired and retested within fifteen (15) days if it does not comply with any of the restrictions specified in (a)(1)(i)–(iv), above.

(c) There are no visually- or audibly-detectable leaks in the pressure and vacuum relief valves, hatch covers, tank, or any associated vapor and liquid lines of the tanker truck during loading or unloading.

(d) The pressure and vacuum relief valves of the tanker truck are set to release at equal to or greater than 0.7 psig (4.8 kPa) of pressure or 0.3 psig (2.1 kPa) of vacuum.

(e) The pressure/vacuum vent(s) of the storage tank is set to open at a pressure of equal to or greater than 450 mm of water (4.5 kPa, 18 inches of water, or 0.65 psig).

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.502(e)(1)–(2), 63.11088(a), and 63.11092(f)(1), and 25 Pa. Code Chapter 122 and §§ 127.35(b) and 129.62(c)(1) and (3)–(4).]

(a) The permittee shall ensure that the loading of volatile petroleum liquids into gasoline tanker trucks, via this loading rack, is limited, as follows:

(1) To vapor-tight gasoline tanker trucks, using the following procedures:

(i) The permittee shall obtain the vapor tightness documentation specified in Condition # 007(a)–(h), Section D (under Source ID 101A), of this permit, for each gasoline tanker truck to be loaded at the loading rack (prior to loading).

(ii) The automated card lock-out system of the loading rack shall be programmed to enable only those gasoline tanker trucks that comply with the restrictions specified in (b)(1)–(2) and (4), below, to be loaded at the loading rack. The authorization shall be valid for a period of twelve (12) months from the date of the testing for each respective gasoline tanker truck.

**SECTION D. Source Level Requirements**

(iii) The permittee shall ensure that the tank identification number for each gasoline tanker truck is recorded as the respective tank is loaded at the loading rack.

(2) To gasoline tanker trucks whose vapor collection systems are compatible with that of the loading rack and VRU (Source ID C02).

(3) To gasoline tanker trucks whose vapor collection systems are connected to that of the loading rack during loading. (Examples of actions by the permittee to ensure this occurs include training drivers in the hookup procedures and posting visible reminder signs at the loading rack.)

(b) The permittee shall ensure that no gasoline tanker truck is loaded or unloaded, via this loading rack, unless it:

(1) Has been tested by the owner or operator within the immediately preceding twelve (12) months using EPA Method 27.

(2) Sustains a pressure or vacuum change of no more than 75 mm of water (0.75 kPa, 3 inches of water, or 0.11 psig) in five (5) minutes when pressurized to a gauge pressure of 460 mm of water (4.6 kPa, 18 inches of water, or 0.66 psig) or evacuated to a gauge pressure of 150 mm of water (1.5 kPa, 6 inches of water, or 0.22 psig) during the testing indicated in (b)(1), above.

(3) Is repaired by the owner or operator and retested within fifteen (15) days of testing if the gasoline tanker truck does not comply with (b)(2), above.

(4) Displays a clear marking near the Department of Transportation certification plate required by 49 C.F.R. § 178.340-10b indicating the most recent date that the gasoline tanker truck passed the testing indicated in (b)(1) or (3), above.

[Compliance with this permit condition assures compliance with, and/or that the permittee will not be subject to 40 C.F.R. §§ 60.502(e)(3)–(5), 60.505(d), and 63.11095(a)(2) and (b)(1)–(2), and 25 Pa. Code § 129.62(c)(2).]

017 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall perform routine and/or preventative maintenance on the vapor collection and processing systems of this loading rack and associated VRU (Source ID C02), using a certified vapor control technician, at least once per calendar year.

During periods of maintenance and downtime of VRU, a temporary portable vapor combustion unit (PVCU) may be used. The PVCU must not exceed any emission limits applicable to VRU. The PVCU must be operated in accordance with the manufacturer's written instructions and good air pollution control practices.

The permittee shall install and maintain a monitor to detect the presence of a pilot flame when operating a PVCU. The presence of a pilot flame shall be monitored using a heat sensing device at all times when vapors are being vented to the PVCU.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 60.502(j) and 63.11089(a) and (c)–(d), and 25 Pa. Code Chapter 122 and § 127.35(b).]

(a) The permittee shall perform leak inspections for each piece of equipment in gasoline service of/associated with this loading rack and associated VRU (Source ID C02) on a monthly basis, as follows:

(1) For gasoline liquid or vapor leaks.

(2) During the loading of gasoline tanker trucks.

(3) Using detection methods incorporating sight, sound, and/or smell.

**SECTION D. Source Level Requirements**

(b) If any leak(s) is detected, the permittee shall make an initial attempt at repairing the leak(s) as soon as practicable, but within five (5) calendar days after detection, and complete the repair(s) or replace the leaking equipment in gasoline service within fifteen (15) calendar days after detection. The repair may be delayed only if completion of the repair within fifteen (15) calendar days is not feasible.

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

The permittee shall calculate the following emissions from this loading rack on a monthly and 12-month rolling basis, using a Department-approved method(s):

- (a) The total VOC emissions.
- (b) The total emissions of each individual HAP.
- (c) The total HAP emissions.

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

The permittee shall ensure that this facility is equipped with an audible and visible alarm that activates when the CEMS associated with the VRU (Source ID C02) measures an outlet hydrocarbon concentration of equal to or greater than 1.44%, by volume (as propane), averaged over a six-hour period. The alarm shall be located such that it can heard and seen from the loading rack (Source ID 101A) and main office building.

VII. ADDITIONAL REQUIREMENTS.**# 021 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) This source consists of a five-bay loading rack, as follows, equipped with vapor collection and processing systems:

Bay No.	Loading	Product(s) Loaded
1	Bottom	Gasoline(s)
2	Bottom	Gasoline(s)/Petroleum Distillate(s)
3	Bottom	Gasoline(s)/Petroleum Distillate(s)
4	Bottom	Petroleum Distillate(s)
5	Top	Petroleum Distillate(s)

(b) The loading rack is equipped with an automated card lock-out system, which is designed to prevent gasoline tanker tanks without valid vapor tightness documentation from being loaded.

022 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

This loading rack is subject to, and shall comply with all applicable requirements of, 40 C.F.R. Part 60, Subpart XX, and Part 63, Subpart BBBBBB. In accordance with 40 C.F.R. §§ 60.4 and 63.13, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies may be submitted electronically to EPA's Central Data Exchange at <https://cdx.epa.gov/>.

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: C02

Source Name: VAPOR RECOVERY UNIT (VRU)

Source Capacity/Throughput: 53,082.000 Gal/HR GAS/PETROL DIST VAPORS

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

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

The permittee shall monitor the hydrocarbon concentration at the outlet of this VRU, via the associated CEMS, on a continuous basis, or per the alternative monitoring procedures in 40 C.F.R. § 63.11092(b)(1)(i)(B).

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

[Additional authority for this permit condition is also derived from 40 C.F.R. § 63.11094(f)(1) and 25 Pa. Code § 127.35(b).]

The permittee shall maintain records of the hydrocarbon concentration at the outlet of this VRU, via the associated CEMS, on a continuous and average hourly rolling basis. The records shall be maintained in a readily-accessible format, and shall also include the following information:

- (a) The date and time of the readings (at reasonable intervals for the continuous readings).
- (b) The periods during which gasoline tanker trucks are loaded.

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

The permittee shall maintain records of the following information for the CEMS associated with this VRU:

- (a) All zero and span or other daily calibration checks.
- (b) All quarterly audits.

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

The permittee shall maintain records of all maintenance inspections for the monitoring equipment associated with this VRU, including the CEMS. These records shall contain, at a minimum, the following:

- (a) The date of the inspection.
- (b) Any maintenance and/or repairs performed.

005 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall maintain records of the following information for each monitoring downtime incident (other than downtime associated with zero and span or other daily calibration checks, if applicable) for the CEMS associated with this VRU:

- (a) The duration (including the starting and ending date(s) and times) of the incident.

**SECTION D. Source Level Requirements**

(b) The probable cause(s).

(c) The corrective action(s) taken.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11088(f), 63.11089(b) and (g), and 63.11094(d), and 25 Pa. Code § 127.35(b).]

(a) The permittee shall maintain a log book or electronic equivalent for each piece of equipment in gasoline service (i.e., each pipe, valve, pump, pressure relief device, sampling connection system, open-ended valve or line, and flange or other connector in the gasoline liquid transfer and vapor collection and processing systems) at this facility. The log book or electronic equivalent shall contain a listing, description, and/or diagram(s) that includes and/or shows the following information for each piece of equipment in gasoline service:

(1) The identification number.

(2) The associated source (i.e., the loading rack (Source ID 101A) or VRU (Source ID C02)) and, if applicable, the bay number of the loading rack.

(3) The type.

(4) The location.

(b) The log book or electronic equivalent shall also contain a full description of any instrument program implemented as part of the leak inspections for each piece of equipment in gasoline service at the facility, as indicated in Condition # 015(a)(1)–(3), Section D (under Source ID 101A), of this permit.

(c) The permittee shall sign the log book or electronic equivalent at the completion of each leak inspection.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11085(b), 63.11088(f), 63.11089(g), and 63.11095(a)(2)–(3), (b)(1)–(3) and (5)(i)–(iv), and (d), and 25 Pa. Code §§ 127.35(b) and 127.511(c)(2).]

(a) The permittee shall submit, to the Department, the following semi-annual reports for the loading rack (Source ID 101A) and/or associated VRU (Source ID C02) at this facility:

(1) A compliance report specifying the number of leaks not repaired within fifteen (15) calendar days after detection.

(2) An excess emissions report, which includes the following information:

(i) Each instance in which either the hydrocarbon concentration measured at the outlet of the VRU (Source ID C02), via the associated continuous emissions monitoring system (CEMS), exceeded the level specified in Condition # 001(b), Section D (under Source ID 101A), of this permit, or the permittee did not maintain records of the hydrocarbon concentration. The report shall also include the monitoring data for the day(s) that each instance occurred, and a description and timing of the steps taken to repair or perform maintenance on the vapor collection and processing systems of the loading rack and associated VRU, or the CEMS.

(ii) The information specified in Condition # 008(c), (f), (g), and (i), Section D (under Source ID 101A), of this permit, for each leak for which repair was either not attempted within five (5) calendar days or completed within fifteen (15) calendar days after detection:

(3) A malfunction report, which includes the following information:

**SECTION D. Source Level Requirements**

- (i) The total number of malfunctions.
 - (ii) The information specified in Condition # 018(c)(1)–(3) and (7), Section C, of this permit, for each malfunction.
- (b) The reports indicated in (a)(1)–(3), above, shall be submitted according to the following schedule:
- (1) By January 30th, of each year, for the period covering July 1–December 31, of the previous year.
 - (2) By July 30th, of each year, for the period covering January 1–June 30, of the same year.

VI. WORK PRACTICE REQUIREMENTS.**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. §§ 63.11085(a), 63.11088(d), and 63.11092(b)(1), and 25 Pa. Code §§ 127.35(b), 127.443(b), 127.444, and 139.101(8) and (15).]

- (a) The permittee shall ensure that the monitoring equipment associated with this VRU, including the CEMS, is calibrated, certified, operated, and maintained in a manner consistent with good operating and maintenance, safety, and air pollution control practices, and in accordance with the manufacturers' specifications.
- (b) The permittee shall ensure that the CEMS is operated and maintained in accordance with the requirements specified in the "Quality Assurance" section of the most recent revision to the Department's Continuous Source Monitoring Manual (274-0300-001).
- (c) As an alternative to operating and maintaining a CEMS per 40 C.F.R. § 63.11092(b)(1)(i)(A), the permittee may conduct alternative monitoring for the carbon adsorber per 40 C.F.R. § 63.11092(b)(1)(i)(B):
- (i) Vacuum level shall be monitored using a pressure transmitter installed in the vacuum pump suction line, with the measurements displayed on a gauge that can be visually observed. Each carbon bed shall be observed during one complete regeneration cycle on each day of operation of the loading rack to determine the maximum vacuum level achieved.
 - (ii) Conduct annual testing of the carbon activity for the carbon in each carbon bed. Carbon activity shall be tested in accordance with the butane working capacity test of the American Society for Testing and Materials (ASTM) Method D 5228-92 (incorporated by reference, see § 63.14), or by another suitable procedure as recommended by the manufacturer.
 - (iii) Conduct monthly measurements of the carbon bed outlet volatile organic compounds (VOC) concentration over the last 5 minutes of an adsorption cycle for each carbon bed, documenting the highest measured VOC concentration. Measurements shall be made using a portable analyzer, or a permanently mounted analyzer, in accordance with 40 C.F.R. part 60, Appendix A-7, EPA Method 21 for open-ended lines.
 - (iv) Develop and submit to the Administrator a monitoring and inspection plan that describes the owner or operator's approach for meeting the requirements in 40 C.F.R. § 63.11092(b)(1)(i)(B)(2).

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

The permittee shall stock spare parts as necessary for routine on-site repairs of the VRU and associated monitoring equipment.

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

The permittee shall ensure that this facility is equipped with an audible and visible alarm that activates when the CEMS associated with the VRU (Source ID C02) measures an outlet hydrocarbon concentration of equal to or greater than 1.44%, by volume (as propane), averaged over a six-hour period. The alarm shall be located such that it can heard and seen from the loading rack (Source ID 101A) and main office building.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) This source consists of a carbon adsorption vapor recovery unit, model no. AA-1218-11-7, manufactured by John Zink Co., LLC. The VRU is comprised of the following equipment:

- (1) Two adsorber vessels, each filled with a bed of activated carbon.
- (2) Switching valves, which allow the respective adsorber vessels of (a)(1), above, to alternate between adsorption and regeneration.
- (3) Four pumps, as follows:
 - (i) A liquid ring vacuum pump, which strips adsorbed volatile petroleum vapors from the respective adsorber vessel of (a)(1), above, during regeneration, and pumps them to a separator [(a)(4), below].
 - (ii) A seal fluid pump, which pumps seal fluid from the bottom of the separator to (a)(3)(i), above, through a seal fluid cooler [(a)(6), below].
 - (iii) A lean absorbent supply pump, which pumps volatile petroleum liquid from the storage tank (i.e., Source IDs 001–002, 104–106, 108–109, and 122, of Title V Operating Permit No. 15-00105) being loaded at the loading rack (Source ID 101) to the top and middle of an absorber [(a)(5), below] (the latter point through the seal fluid cooler).
 - (iv) A rich absorbent return pump, which pumps volatile petroleum liquid from the bottom of the absorber to the storage tank being loaded at the loading rack.
- (4) A three-phase separator, which separates volatile petroleum vapors, volatile petroleum condensate, and seal fluid. Volatile petroleum vapors and condensate proceed from the top and middle of the separator, respectively, to the middle and bottom of the absorber, respectively. Seal fluid proceeds from the bottom of the separator to (a)(3)(ii), above.
- (5) A packed-bed absorber column, which uses volatile petroleum liquid from the storage tank being loaded at the loading rack to absorb volatile petroleum vapors from (a)(4), above. Air and residual volatile petroleum vapors proceed from the top of the absorber to the outdoor atmosphere via the respective adsorber vessel of (a)(1), above, during adsorption.
- (6) A seal fluid cooler.

(b) A 2,000-gal volatile petroleum condensate collection (knockout) tank is located before the VRU. Volatile petroleum vapors from the loading rack (Source ID 101A) proceed through the knockout tank before proceeding to the VRU.

(c) The VRU is equipped with a CEMS, also manufactured by John Zink Co., LLC. The CEMS includes a non-dispersive infrared (NDIR) gas analyzer, model no. IR-8400D, manufactured by Infrared Industries, Inc.

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

This VRU is subject to, and shall comply with all applicable requirements of, 40 C.F.R. Part 63, Subpart BBBBBB. In accordance with 40 C.F.R. § 63.13, copies of all requests, reports, applications, submittals, and other communications are required to be submitted to both the EPA and the Department. The EPA copies may be submitted electronically to EPA's Central Data Exchange at <https://cdx.epa.gov/>.

*** Permit Shield in Effect. ***



SECTION E. Source Group Restrictions.

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Title V facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Descriptor
101A	LOADING RACK

Emission Limit	Pollutant
35.000 mg/l	Gasoline Loaded; Also Excluding Ethane NMOC

Site Emission Restriction Summary

Emission Limit	Pollutant
9.999 Tons/Yr	Single HAP on a 12-month rolling sum basis Hazardous Air Pollutants
24.999 Tons/Yr	Combined HAPs on a 12-month rolling sum basis Hazardous Air Pollutants

**SECTION H. Miscellaneous.**

(a) Previously-issued Operating Permit No. 15-312-018 serves as the basis for certain terms and conditions set forth in this permit.

(b) The following sources have been determined by the Department to be insignificant sources of air emissions and, therefore, do not require additional restrictions, monitoring, or recordkeeping, except as indicated elsewhere in this permit. They are still subject to any applicable federal, state, and local regulations, including those indicated in Section C, of this permit:

(1) Two No. 2 fuel oil-fired boilers located in the main office building, as follows:

Type	Manufacturer	Model No. (Type)	Rated Heat Input
Hot Water Heater	A.O. Smith Corp.	COF 385A 850	0.385 mmBtu/hr
Furnace	Weil-McLain	P-468-W (68)	0.151 mmBtu/hr

(2) A No. 2 fuel oil-fired space heater, model no. LHR80C168/196D24-3A, manufactured by Armstrong Air. The space heater is located in the garage and rated at 0.168–0.196 mmBtu/hr heat input.

(3) Two 550-gal No. 2 fuel oil tanks associated with (b)(1)–(2), one above ground and one below ground.

(4) Six tanks associated with the loading rack (Source ID 101A), as follows:

Material Stored/Usage	Type	Capacity	Quantity
Additive	Aboveground	12,000 gal	1
Additive	Aboveground	2,000 gal	2
Spill Containment	Underground	10,000 gal	1
Additive	Aboveground	1,000 gal	1 (2017 renewal)
Additive	Aboveground	8,000 gal	1 (2017 renewal)

(5) Two 250-gal residual totes associated with the loading rack (Source ID 101A).

(c) This permit is a renewal of Title V Operating Permit No. 15-00008, which was originally issued on December 28, 2000 (APS ID 346021, Auth ID 354827), and previously amended on May 12, 2005 (APS ID 551874, Auth ID 590900), and renewed on June 6, 2006 (APS ID 563601, Auth ID 610487). The following is a listing of the changes reflected in this permit (APS ID 563601, Auth ID 860236):

(1) The responsible official has been changed to Steven Wright, Operations Manager, (484) 459-6246.

(2) The permit contact person has been changed to Mark P. Bonenberger; Senior Specialist—Health, Safety, Security, & Environment; (610) 904-4467.

(3) The type of material in the throughput listing for Source ID 101A in Sections A and D, of the previously-renewed permit (same location in this permit), has been changed from gasoline/low-sulfur diesel fuel/No. 2 fuel oil to gasoline(s)/petroleum distillate(s).

(4) The type of material in the throughput listing for Source IDs C02 in Sections A and D, of the previously-renewed permit (same location in this permit), has been changed from gasoline/low-sulfur diesel fuel/No. 2 fuel oil vapors to gasoline/petroleum distillate vapors.

(5) The EPA branch which to submit reports or notifications to, as indicated in Condition # 020(b), Section B, of the previously-renewed permit (same condition number in this permit), has been changed from "Air Enforcement Branch (3AP12)" to "Office of Air Enforcement and Compliance Assistance (3AP20)."

(6) The definition of the term "air pollution" has been removed from Condition # 001, Section C, of the previously-renewed permit (same condition number in this permit).

(7) Conditions # 004, 007(b), and 015(a) and (c)–(d), Section C, of the previously-renewed permit, have been removed.

(8) The term "air contaminant" has been added after the terms "fugitive" and "visible" in Conditions # 002(g), 007, 012, and 013(a)(2)–(3) and (b), Section C, of the previously-renewed permit (Conditions # 002(g), 006, 011, and 012(a)(2)–(3) and (b),

**SECTION H. Miscellaneous.**

Section C, of this permit), where applicable.

(9) An additional authority citation to 25 Pa. Code § 127.512(h) has been added to each condition in this permit containing a pollutant emission restriction or standard.

(10) The following for Condition # 009, Section C, of the previously-renewed permit (Condition # 007, Section C, of this permit):

(i) The phrase "less than" has been added before each HAP emission rate restriction.

(ii) A statement that "[c]ompliance with this permit condition assures that the permittee will not be subject to the provisions of 40 C.F.R. Part 63, Subpart R" has been added.

(11) An additional authority citation to 25 Pa. Code § 127.443(b) has been added to each condition in this permit that is based on a condition found in (a), above.

(12) The following for Condition # 011, Section C, of the previously-renewed permit:

(i) Sub-conditions (a) and (d) have been removed.

(ii) Sub-conditions (b) and (c) have been reorganized as Condition # 004(a)(2) and (b), Section D (under Source ID 101A), of this permit, respectively.

(13) An additional authority citation to 25 Pa. Code § 127.511(a)–(c) has been added to conditions in this permit containing certain site-level monitoring, recordkeeping, or reporting requirements, respectively.

(14) The following for Condition # 014, Section C, of the previously-renewed permit (Condition # 017, Section C, of this permit):

(i) Descriptions of the various types of gasoline releases, as specified in Sub-condition (a)(1)–(3), have been merged into the beginning of the condition.

(ii) Sub-condition (b) has been removed.

(iii) Items to be maintained for the record of each release have been added as Sub-conditions (a)–(g).

(15) The following for Condition # 015(b), Section C, of the previously-renewed permit (Condition # 013(a), Section C, of this permit):

(i) The references to spills, leaks, and releases have been removed.

(ii) The language has been revised to specify that the permittee is required to maintain records of all monitoring of odors and visible and fugitive air contaminant emissions, not only when deviations are observed.

(iii) Items to be maintained for the record of deviations have been added as all or part of Sub-condition (a)(1)–(3).

(iv) A requirement that the monitoring be recorded and maintained in a Department-approved format and time frame has been added as Sub-condition (b).

(16) The following for Condition # 016, Section C, of the previously-renewed permit:

(i) It has been moved to Condition # 007, Section D (under Source ID 101A), of this permit.

(ii) The citation has been changed from 25 Pa. Code § 129.62 to 25 Pa. Code § 127.441 (with additional authority citations to 40 C.F.R. §§ 60.505(a)–(b), 63.11088(f), 63.11089(g), and 63.11094(b)(1)–(2), and 25 Pa. Code Chapter 122 and §§ 127.35(b) and 129.62(d)(1)–(2)).

(iii) The following for Sub-condition (a):

(A) The requirements for the records of vapor tightness documentation and associated repairs to identify all gasoline tanker trucks, the date of each test (or retest), and the date and type of any repairs, have been reorganized as part or all of

**SECTION H. Miscellaneous.**

Sub-conditions (d), (a)(2), and (h)(1)–(2), respectively.

(B) The requirement to maintain records of vapor tightness documentation and associated repairs in a readily-accessible format has been merged into the beginning of the condition.

(C) The requirement to maintain records of vapor tightness documentation and associated repairs for at least five (5) years has been removed.

(iv) The requirement to maintain records of various information for the vapor tightness documentation, as specified in Sub-condition (b)(1)–(7), has been reorganized as part or all of Sub-conditions (d), (e)(1)–(2) and (4)–(5), (a)(1)–(3), and (f), respectively.

(v) Sub-conditions (b)(8) and (c) have been removed.

(17) A requirement to maintain and make available, upon request by the Department, all records, reports, and analysis results used to comply with this permit has been added as Condition # 012, Section C, of this permit.

(18) A requirement to maintain records of all of the facility's emission increases has been added as Condition # 014(a)–(c), Section C, of this permit.

(19) Requirements to maintain a log book for each piece of equipment in gasoline service at the facility, for the log book to contain a full description of any instrument program implemented as part of leak inspections, and to sign the log book at the completion of each leak inspection, have been added as Condition # 015(a)–(c), Section C, of this permit, respectively.

(20) A requirement to maintain records relating to malfunctions for the loading rack (Source ID 101A) and VRU (Source ID C02) at the facility has been added as Condition # 016, Section C, of this permit.

(21) The following for Condition # 017, Section C, of the previously-renewed permit (Condition # 019, Section C, of this permit):

(i) The definition of the term "release," as specified in Sub-condition (a)(1)–(2), has been removed.

(ii) Requirements to describe the quantity of gasoline involved, starting date and time, and interim remedial actions for each release, as indicated in Sub-condition (b)(1)–(3), respectively, have been reorganized as Sub-condition (c), (b), and (d), respectively.

(iii) A requirement to describe the source and location (including surface type) for each release has been added as Sub-condition (a).

(22) Items to describe in the written report of a malfunction(s) have been added to Condition # 018, Section C, of the previously-renewed permit (same condition number in this permit), as all or part of Sub-condition (c)(2)–(4) and (7).

(23) The following for Condition # 019, Section C, of the previously-renewed permit:

(i) The following for Sub-condition (a):

(A) It has been reorganized as Condition # 023(a), Section C, of this permit.

(B) The name of the report has been changed from "Air Information Management System (AIMS) inventory report" to "source report."

(C) A statement that source reports shall include information from each previously-reported source(s), a new source(s) which was first operated during the preceding calendar year, and each source(s) modified during the same period that was not previously reported, including any source(s) listed in Section H, of this permit, has been added.

(D) A statement that 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, has been added as Condition # 023(b), Section C, of this permit.

(ii) The following for Sub-condition (b):

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(A) It has been reorganized as Condition # 022, Section C, of this permit.

(B) The citation has been changed from 25 Pa. Code § 135.3 to 25 Pa. Code § 135.21 (i.e., the previous additional authority citation).

(24) Condition # 020, Section C, of the previously-renewed permit, has been moved to Condition # 010, Section D (under Source ID 101A), of this permit.

(25) Requirements to submit semi-annual compliance, excess emissions, and malfunction reports for the loading rack (Source ID 101A) and/or associated VRU (Source ID C02) at the facility, and the schedule for submitting them to the Department, have been added as Condition # 020(a)(1)–(3) and (b), Section C, of this permit, respectively.

(26) Requirements to submit annual certificates of compliance and semi-annual deviation reports for the facility have been added as Condition # 021(a)–(b), Section C, of this permit, respectively.

(27) The additional authority citation to 25 Pa. Code § 127.512(h) has been removed from Condition # 022, Section C, of the previously-renewed permit (Condition # 028, Section C, of this permit).

(28) The following for Condition # 023, Section C, of the previously-renewed permit (Condition # 026, Section C, of this permit):

(i) Additional authority citations to 40 C.F.R. § 63.11085(a) and 25 Pa. Code §§ 127.35(b), 217.443(b), and 127.444 have been added.

(ii) The language has been changed to also apply to sources and require operation and maintenance in a manner consistent with good safety and air pollution control practices and in accordance with the manufacturers' specifications.

(29) The following for Condition # 024, Section C, of the previously-renewed permit:

(i) The following for Sub-condition (a):

(A) It has been reorganized as Condition # 027, Section C, of this permit.

(B) The citation has been changed from 25 Pa. Code § 129.62 to 25 Pa. Code § 127.441 (with an additional authority citation to 25 Pa. Code § 129.62(a)).

(C) The requirement that gasoline not be handled in a manner that would result in uncontrolled evaporation to the atmosphere, as indicated in Sub-condition (a)(3), has been merged into the beginning of the condition.

(ii) The following for Sub-condition (b):

(A) It has been moved to/reorganized as Condition # 012, Section D (under Source ID 101A), of this permit.

(B) The citation has been changed from 25 Pa. Code § 129.62 to 25 Pa. Code § 127.441 (with additional authority citations to 40 C.F.R. § 60.502(h)–(i) and 25 Pa. Code Chapter 122 and § 129.62(b)(1)–(4)).

(C) The gauge pressure and vacuum restrictions for the gasoline tanker truck, as specified in Sub-condition (b)(1)(i), have been reorganized as Sub-condition (a)(1)–(2), respectively.

(iii) The following for Sub-condition (c):

(A) It has been moved to/reorganized as Condition # 013(b), Section D (under Source ID 101A), of this permit.

(B) The citation has been changed from 25 Pa. Code § 129.62 to 25 Pa. Code § 127.441 (with additional authority citations to 40 C.F.R. §§ 60.502(e)(1)–(2), 63.11088(a), and 63.11092(f)(1), and 25 Pa. Code Chapter 122 and §§ 127.35(b) and 129.62(c)(1) and (3)–(4)).

(30) A requirement to 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), Section B, of this permit, has been added as Condition # 029, Section C, of this permit.

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(31) Requirements that the facility is equipped with an audible and visible alarm that activates when the CEMS associated with the VRU (Source ID C02) measures an outlet hydrocarbon concentration of equal to or greater than 0.57%, by volume (as propane), averaged over a one-hour period, and is located such that it can heard and seen from the loading rack (Source ID 101A) and main office building, have been added as Condition # 025, Section C, of this permit.

(32) The starting date and frequency for submitting an annual certificate of compliance has been removed from Section C, Sub-section VIII.

(33) The following for Condition # 001, Section D (under Source ID 101A), of the previously-renewed permit (Condition # 001(a), Section D (under Source ID 101A), of this permit):

(i) The citation has been changed from 40 C.F.R. § 60.502 to 25 Pa. Code § 127.441 (with additional authority citations to 40 C.F.R. §§ 60.502(b), 63.11088(a), and 63.11092(b)(3) and (d)(1), and 25 Pa. Code Chapter 122 and §§ 127.35(b) and 127.512(h)).

(ii) A statement that the emission restriction specified in Sub-condition (a) for the loading rack corresponds to an outlet hydrocarbon concentration of 0.81%, by volume (as propane), as measured by the CEMS associated with the VRU (Source ID C02), has been added as Sub-condition (b).

(iii) Streamlining language for 40 C.F.R. Part 63, Subpart BBBBBB, Table 2, Item 1(b); and 25 Pa. Code § 129.59(a) has been added.

(34) The following for Condition # 003, Section D (under Source ID 101A), of the previously-renewed permit (same condition number in this permit):

(i) The following for Sub-condition (a):

(A) The earliest date on which to perform the TOC stack test for the loading rack has been changed from "12 months prior to the expiration date of this permit" to "eighteen (18) months prior to the expiration date of this permit."

(B) The requirement to perform the stack test during the summer months while gasoline is being loaded via the loading rack at its maximum capacity has been reorganized as Sub-condition (a)(3), except that the term "maximum capacity" has been changed to the term "maximum normal operating capacity."

(C) Requirements to perform the stack test in accordance with 40 C.F.R. § 60.503(a)–(d) and the provisions of 25 Pa. Code Chapter 139, and at the stack (Source ID S01) of the VRU (Source ID C02) associated with the loading rack, have been added as Sub-condition (a)(1)–(2), respectively.

(ii) Sub-condition (d) has been removed.

(iii) The latest date by which to submit the complete test report has been changed from "30 days after the source test(s), but no later than 6 months prior to this permit expiration" to "sixty (60) days after the stack test, but no later than six (6) months prior to the expiration date of this permit."

(iv) Statements that the permittee may request an extension of time for any deadlines specified in Sub-conditions (a)–(d) with which it is unable to comply, and the results of the stack test shall be used to demonstrate compliance with Condition # 001, Section D (under Source ID 101A), of this permit, have been added as Sub-conditions (e)–(f), respectively.

(35) Conditions # 004–005, 008, and 012, Section D (under Source ID 101A), of the previously-renewed permit, have been removed.

(36) A requirement to perform tests of all volatile petroleum liquids loaded at the loading rack in accordance with the provisions of 25 Pa. Code Chapter 139, has been added as Condition # 004(a)(1), Section D (under Source ID 101A), of this permit.

(37) Requirements to monitor and maintain records of the name(s) and type(s) of the volatile petroleum liquid(s) loaded into and unloaded from tanker trucks, and the throughput(s), on a daily basis, for each bay of the loading rack, have been added as Conditions # 005(a)–(b) and 006(a)(1)–(2), Section D (under Source ID 101A), of this permit, respectively.

(38) Condition # 006, Section D (under Source ID 101A), of the previously-renewed permit, has been reorganized as part of

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Condition # 009(d), Section D (under Source ID 101A), of this permit.

(39) The following for Condition # 007, Section D (under Source ID 101A), of the previously-renewed permit:

(i) Sub-conditions (a), (b)(4)–(5), and (d) have been removed.

(ii) The following for Sub-condition (b):

(A) It has been reorganized as part of Condition # 007, Section D (under Source ID 101A), of this permit.

(B) The requirement for the records of vapor tightness documentation for gasoline tanker trucks to be updated at least once per year to reflect current test results has been merged into the beginning of the condition.

(C) The requirement to maintain records of various information for the vapor tightness documentation, as specified in Sub-condition (b)(1)–(3) and (6)–(8), has been reorganized as all or part of Sub-conditions (b)–(d) and (f), (h), and (e)(3) and (6), respectively.

(iii) The requirement to maintain records of various information for leak inspections, as specified in Sub-condition (c)(1)–(5), has been reorganized as part or all of Conditions # 009(a), (c), and (e) and 008(d)–(f), (h), and (j), Section D (under Source ID 101A), of this permit.

(iv) The requirement to maintain records of the addition or replacement of components of the vapor processing system of the loading rack, as indicated in Sub-condition (e), has been reorganized as part of Condition # 009(d), Section D (under Source ID 101A), of this permit.

(40) Requirements to maintain records of the name(s) and type(s) of the volatile petroleum liquid(s) loaded into and unloaded from tanker trucks, and the throughput(s), on a monthly basis, for the loading rack, have been added as Condition # 006(b)(1)–(2), Section D (under Source ID 101A), of this permit, respectively.

(41) Requirements to maintain records of the number and nature of leaks found during the vapor tightness testing for the loading rack, have been added as Condition # 007(e)(7)–(8), Section D (under Source ID 101A), of this permit, respectively.

(42) Requirements to maintain records of the identification number, associated source, and type of each piece of equipment in gasoline service of/associated with the loading rack and VRU (Source ID C02) for which a leak is detected, as well as the date and repair method(s) applied for each attempt to repair the leak and expected date of successful repair of the leak, has been added as Condition # 008(a)–(c), (g)(1)–(2), and (i), Section D (under Source ID 101A), of this permit, respectively.

(43) Requirements to maintain records of the date of all maintenance inspections, the type of inspection, and any maintenance performed for each piece of equipment in gasoline service of/associated with the loading rack and VRU (Source ID C02), have been added as part or all of Condition # 009(a)–(b) and (d), Section D (under Source ID 101A), of this permit, respectively.

(44) Requirements to maintain records of and calculate the total VOC, individual HAP, and total HAP emissions from the loading rack have been added as Conditions # 010(a)–(c) and 017(a)–(c), Section D (under Source ID 101A), of this permit, respectively.

(45) The following for Condition # 010, Section D (under Source ID 101A), of the previously-renewed permit (Condition # 016, Section D (under Source ID 101A), of this permit):

(i) The citation has been changed from 40 C.F.R. § 60.502 to 25 Pa. Code § 127.441 (with additional authority citations to 40 C.F.R. §§ 60.502(j) and 63.11089(a) and (c)–(d), and 25 Pa. Code § 127.35(b)).

(ii) The requirements to perform leak inspections of each piece of equipment in gasoline service of/associated with the loading rack, and for TOC/gasoline liquid or vapor leaks, as indicated in the beginning of the condition, have been reorganized as Sub-conditions (a) and (a)(1), respectively.

(iii) A requirement to perform leak inspections of each piece of equipment in gasoline service associated with the VRU (Source ID C02) has been added to Sub-condition (a).

(iv) The requirements to perform leak inspections during the loading of gasoline tanker trucks and using detection methods incorporating sight, sound, and/or smell, as indicated in Sub-conditions (a)–(b), respectively, have been reorganized as

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Sub-condition (a)(2)–(3), respectively.

(v) Requirements to make an initial attempt at repairing any leak(s) as soon as practicable, but within five (5) calendar days after detection, and complete the repair(s) or replace the leaking equipment in gasoline service within fifteen (15) calendar days after detection, and a statement that the repair may be delayed only if completion of the repair within fifteen (15) calendar days is not feasible, have been added as Sub-condition (b).

(46) The following for Condition # 011, Section D (under Source ID 101A), of the previously-renewed permit:

(i) The citation has been changed from 40 C.F.R. § 60.502 to 25 Pa. Code § 127.441 (with additional authority citations as specified below).

(ii) Sub-conditions (a), (c)(3)–(6), and (f) have been removed.

(iii) The requirement that the vapor processing system of the loading rack prevent any TOC/volatile petroleum vapors collected at one bay from passing to/through another bay (and directly into the outdoor atmosphere), as indicated in Sub-condition (b), has been reorganized as Condition # 012, Section D (under Source ID 101A), of this permit (with additional authority citations to 40 C.F.R. §§ 60.502(d) and 63.11088(a), and 25 Pa. Code § 127.35(b)).

(iv) The requirements to obtain the vapor tightness documentation for each gasoline tanker truck prior to loading, ensure that the tank identification number for each gasoline tanker truck is recorded as the respective tank is loaded, and ensure that only gasoline tanker trucks whose vapor collection systems are compatible with that of the loading rack and VRU (Source ID C02) and connected to that of the loading rack are loaded, as indicated in Sub-conditions (c)(1)–(2) and (d)–(e), respectively, have been reorganized as Condition # 014(a)(1)(i) and (iii) and (2)–(3), Section D (under Source ID 101A), of this permit, respectively (with additional authority citations to 40 C.F.R. §§ 60.502(e)(1)–(2), 63.11088(a), and 63.11092(f)(1), and 25 Pa. Code §§ 127.35(b) and 129.62(c)(1) and (3)–(4)).

(v) A requirement that no pressure/vacuum vent is set to open at a pressure of less than 450 mm of water, as indicated in Sub-condition (g), has been reorganized as Condition # 013(e), Section D (under Source ID 101A), of this permit (with additional authority citations to 40 C.F.R. § 60.502(h)–(i) and 25 Pa. Code § 129.62(b)(1)–(4)).

(47) A requirement that the automated card lock-out system of the loading rack be programmed to enable only those gasoline tanker trucks with valid vapor tightness documentation to be loaded has been added as Condition # 014(a)(1)(ii), Section D (under Source ID 101A), of this permit.

(48) A statement that the loading rack is equipped with an automated card lock-out system has been added as Condition # 018(b), Section D (under Source ID 101A), of this permit.

(49) A statement indicating that the loading rack is subject to 40 C.F.R. Part 60, Subpart XX, and Part 63, SubpartBBBBBB, has been added as Condition # 017, Section D (under Source ID 101A), of this permit.

(50) Conditions # 001–003, 006–007, 009, and 011–016, Section D (under Source ID C02), of the previously-renewed permit, have been removed.

(51) A requirement to monitor the hydrocarbon concentration at the outlet of the VRU, via the associated CEMS, has been added as Condition # 001, Section D (under Source ID C02), of this permit.

(52) The following for Condition # 004, Section D (under Source ID C02), of the previously-renewed permit (same condition number in this permit):

(i) The additional authority citation to 40 C.F.R. § 64.9 has been removed.

(ii) A requirement to maintain records of the date of the inspection has been added as Sub-condition (a).

(iii) The requirement to maintain records of all repairs and maintenance has been reorganized as Sub-condition (b).

(53) The following for Condition # 005, Section D (under Source ID C02), of the previously-renewed permit (same condition number in this permit):

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(i) The additional authority citation to 40 C.F.R. § 64.9 has been removed.

(ii) The reference to the term "excursion" has been removed.

(54) Requirements to maintain records of the hydrocarbon concentration at the outlet of the VRU, via the associated CEMS, including the date and time of the readings and periods during which gasoline tanker trucks are loaded, have been added as Condition # 002(a)–(b), Section D (under Source ID C02), of this permit, respectively.

(55) Requirements that the monitoring equipment associated with the VRU, including the CEMS, is calibrated, certified, operated, and maintained in a manner consistent with good operating and maintenance, safety, and air pollution control practices, and in accordance with the manufacturers' specifications; and that the CEMS is operated and maintained in accordance with the requirements specified in the "Quality Assurance" section of the most recent revision to the Department's Continuous Source Monitoring Manual (274-0300-001); have been added as Condition # 006(a)–(b), Section D (under Source ID C02), of this permit, respectively.

(56) The additional authority citations to 40 C.F.R. §§ 64.3 and 64.6 have been removed from Condition # 010, Section D (under Source ID C02), of the previously-renewed permit (Condition # 007, Section D (under Source ID C02), of this permit).

(57) The following for Condition # 017, Section D (under Source ID C02), of the previously-renewed permit (Condition # 008, Section D (under Source ID C02), of this permit):

(i) The source description for the VRU has been updated to include the comprising equipment (reorganized as Sub-condition (a)).

(ii) A statement that a knockout tank is located before the VRU has been added as Sub-condition (b).

(iii) A statement that the VRU is equipped with a CEMS has been added as Sub-condition (c).

(58) A statement indicating that the VRU is subject to 40 C.F.R. Part 63, Subpart BBBBBB, has been added as Condition # 009, Section D (under Source ID C02), of this permit.

(59) The pollutant in the TOC emission concentration restriction for Source ID 101A, as indicated in Section F, of the previously-renewed permit (same location in this permit), has been changed from VOC (as TOC) to non-methane organic compounds (NMOCs) also excluding ethane (no change in meaning).

(60) The TOC emission concentration restriction for Source ID C02 in Section F, of the previously-renewed permit, has been removed.

(61) The site-level SO_x emission rate restriction for all office building and garage heaters in Section F, of the previously-renewed permit, has been removed.

(d) Renewal-2017: Auth Id 1188942

(1) The facility is allowed to use a Portable Vapor Combustion Unit when the existing VRU is down for maintenance or malfunctions as long as it meets the given requirements.

(2) Two insignificant sources have been added under item (4) above.

(3) Condition #025 of Section C, and Condition #001 of Source Id 101A, have been updated based on 2016 stack test results.

(4) Responsible Official and Permit Contact names were previously updated to Michael Testa and Tim Conlin, respectively.

(e) The permittee is currently authorized to perform monitoring for odors, visible emissions, and fugitive particulate matter on a monthly basis per Section C Condition #011 (d).

(f) This permit is the 2023 renewal of Title V Operating Permit No. 15-00008 (APS ID 563601, Auth ID 1397760). The following is a list of changes reflected in this permit:

(1) Section B, C, and D have been updated to the most current template language used for Title V Operating Permits issued in

**SECTION H. Miscellaneous.**

the Southeast Region.

(2) The Responsible Official and facility mailing address have been updated to David Tench and 5002 Buckeye Road, Emmaus, PA, 18049, respectively.

(3) Section D Source ID 101A Condition #013 and Section D Source ID C02 Condition #007 have been updated to change the required dates for submission of the NESHAP Subpart BBBBBB semi-annual reports.

(4) Section D Source ID 101A Condition #004 has been updated to reflect current industry practices for documenting VOC and HAP emissions from volatile petroleum liquid storage and loading operations.

(5) Section D Source ID 101A Condition #021 has been updated to list Gasoline(s)/Petroleum Distillate(s) as products loaded into Bays 2 and 3.

(6) Section D Source ID C02 Condition #001 has been updated to include the alternative monitoring procedures of 40 C.F.R. § 63.11092(b)(1)(i)(B).

(7) Section D Source ID C02 Condition #008 has been updated to include the alternative monitoring procedures of 40 C.F.R. § 63.11092(b)(1)(i)(B).

(8) Section H Paragraph (b)(3) has been updated to indicate that one of the two 550-gallon No. 2 fuel oil tanks is located above ground and the other is located below ground.

(9) Section H Paragraph (e) has been added to reflect the current authorization to perform monitoring for odors, visible emissions, and fugitive particulate matter on a monthly basis per Section C Condition #011 (d).

(10) Section C Condition #023 of the previous permit has been removed, as it appears automatically in Section B Condition #031.

(11) Section C Condition #016 has been added to include a facility-wide HAP recordkeeping requirement.

(12) Section D Source ID 101A Condition #003 has been updated to the most current template language used for Title V Operating Permits issued in the Southeast Region.

(13) Section D Source ID 101A Condition #005 has been added to include the most current template language used for Title V Operating Permits issued in the Southeast Region.

(14) Section D Source ID 101A Condition #012 and Section D Source ID C02 Condition #006 have been updated to include an electronic equivalent alternative to the log book recordkeeping requirement.

(15) Section D Source ID 101A Condition #009 has been updated to include an electronic equivalent alternative to the log book recordkeeping requirement.

(16) Section C Conditions #015, #020, and #025 of the previous permit have been moved to Section D Source ID 101A Conditions #012, #013, and #020 and Section D Source ID C02 Conditions #006, #007, and #010, as they are source level conditions that apply to both sources.



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