



12/24/2014

Gary Sampson
Queen City Terminals LLC
3806 Kellogg Avenue
Cincinnati, OH 45226

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 1431072036
Permit Number: P0117121
Permit Type: Renewal
County: Hamilton

Dear Permit Holder:

Enclosed please find a final Ohio Environmental Protection Agency (EPA) Air Pollution Permit-to-Install and Operate (PTIO) which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully. In this letter you will find the information on the following topics:

- How to appeal this permit
• How to save money, reduce pollution and reduce energy consumption
• How to give us feedback on your permitting experience
• How to get an electronic copy of your permit

How to appeal this permit

The issuance of this PTIO is a final action of the Director and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Ohio Treasurer Josh Mandel," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
77 South High Street, 17th Floor
Columbus, OH 43215

Certified Mail

Table with 2 columns: Status (Yes/No) and Category (TOXIC REVIEW, SYNTHETIC MINOR TO AVOID MAJOR NSR, CEMS, MACT/GACT, NSPS, NESHAPS, NETTING, MODELING SUBMITTED, SYNTHETIC MINOR TO AVOID TITLE V, FEDERALLY ENFORCABLE PTIO (FEPTIO), SYNTHETIC MINOR TO AVOID MAJOR GHG)

## **How to save money, reduce pollution and reduce energy consumption**

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. Additionally, all or a portion of the capital expenditures related to installing air pollution control equipment under this permit may be eligible for financing and State tax exemptions through the Ohio Air Quality Development Authority (OAQDA) under Ohio Revised Code Section 3706. For more information, see the OAQDA website: [www.ohioairquality.org/clean\\_air](http://www.ohioairquality.org/clean_air)

## **How to give us feedback on your permitting experience**

Please complete a survey at [www.epa.ohio.gov/survey.aspx](http://www.epa.ohio.gov/survey.aspx) and give us feedback on your permitting experience. We value your opinion.

## **How to get an electronic copy of your permit**

This permit can be accessed electronically via the eBusiness Center: Air Services in Microsoft Word format or in Adobe PDF on the Division of Air Pollution Control (DAPC) Web page, [www.epa.ohio.gov/dapc](http://www.epa.ohio.gov/dapc) by clicking the "Search for Permits" link under the Permitting topic on the Programs tab.

If you have any questions, please contact Southwest Ohio Air Quality Agency at (513)946-7777 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,



Erica R. Engel-Ishida, Manager  
Permit Issuance and Data Management Section, DAPC

Cc: SWOAQA



**FINAL**

**Division of Air Pollution Control  
Permit-to-Install and Operate  
for  
Queen City Terminals LLC**

Facility ID:	1431072036
Permit Number:	P0117121
Permit Type:	Renewal
Issued:	12/24/2014
Effective:	12/24/2014
Expiration:	12/24/2019





**Division of Air Pollution Control**  
**Permit-to-Install and Operate**  
for  
Queen City Terminals LLC

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**Final Permit-to-Install and Operate**  
Queen City Terminals LLC  
**Permit Number:** P0117121  
**Facility ID:** 1431072036  
**Effective Date:** 12/24/2014

## Authorization

Facility ID: 1431072036  
Application Number(s): A0051079, A0051084, A0051089, A0051090, A0051092, A0051093, A0051094, A0051099  
Permit Number: P0117121  
Permit Description: FEPTIO renewal for storage tanks.  
Permit Type: Renewal  
Permit Fee: \$0.00  
Issue Date: 12/24/2014  
Effective Date: 12/24/2014  
Expiration Date: 12/24/2019  
Permit Evaluation Report (PER) Annual Date: Apr 1 - Mar 31, Due May 15

This document constitutes issuance to:

Queen City Terminals LLC  
3801 Kellogg Avenue  
Cincinnati, OH 45226

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

Southwest Ohio Air Quality Agency  
250 William Howard Taft Rd.  
Cincinnati, OH 45219  
(513)946-7777

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

  
Craig W. Butler  
Director



## Authorization (continued)

Permit Number: P0117121  
Permit Description: FEPTIO renewal for storage tanks.

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

<b>Emissions Unit ID:</b>	<b>T001</b>
Company Equipment ID:	Storage Tank - T6
Superseded Permit Number:	P0110456
General Permit Category and Type:	Not Applicable
<b>Emissions Unit ID:</b>	<b>T002</b>
Company Equipment ID:	Storage Tank - T2
Superseded Permit Number:	P0110206
General Permit Category and Type:	Not Applicable
<b>Emissions Unit ID:</b>	<b>T007</b>
Company Equipment ID:	Storage Tank - T7
Superseded Permit Number:	P0110204
General Permit Category and Type:	Not Applicable
<b>Emissions Unit ID:</b>	<b>T008</b>
Company Equipment ID:	Storage Tank - T8
Superseded Permit Number:	P0110205
General Permit Category and Type:	Not Applicable
<b>Emissions Unit ID:</b>	<b>T011</b>
Company Equipment ID:	Storage Tank - T11
Superseded Permit Number:	P0110207
General Permit Category and Type:	Not Applicable
<b>Emissions Unit ID:</b>	<b>T012</b>
Company Equipment ID:	Storage Tank - T12
Superseded Permit Number:	P0109961
General Permit Category and Type:	Not Applicable
<b>Emissions Unit ID:</b>	<b>T014</b>
Company Equipment ID:	Storage Tank - TK
Superseded Permit Number:	P0109955
General Permit Category and Type:	Not Applicable
<b>Emissions Unit ID:</b>	<b>T015</b>
Company Equipment ID:	Storage Tank - T10
Superseded Permit Number:	P0110096
General Permit Category and Type:	Not Applicable



**Final Permit-to-Install and Operate**  
Queen City Terminals LLC  
**Permit Number:** P0117121  
**Facility ID:** 1431072036  
**Effective Date:** 12/24/2014

## **A. Standard Terms and Conditions**



**1. What does this permit-to-install and operate ("PTIO") allow me to do?**

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

**2. Who is responsible for complying with this permit?**

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

**3. What records must I keep under this permit?**

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

**4. What are my permit fees and when do I pay them?**

There are two fees associated with permitted air contaminant sources in Ohio:

PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

**5. When does my PTIO expire, and when do I need to submit my renewal application?**

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is



very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

**6. What happens to this permit if my project is delayed or I do not install or modify my source?**

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

**7. What reports must I submit under this permit?**

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

**8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?**

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions of this permit will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

**9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?**

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.



**10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?**

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the [DO/LAA] in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

**11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?**

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

**12. What happens if one or more emissions units operated under this permit is/are shut down permanently?**

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emission unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.



**13. Can I transfer this permit to a new owner or operator?**

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

**14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?**

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

**15. What happens if a portion of this permit is determined to be invalid?**

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.



**Final Permit-to-Install and Operate**  
Queen City Terminals LLC  
**Permit Number:** P0117121  
**Facility ID:** 1431072036  
**Effective Date:** 12/24/2014

## **B. Facility-Wide Terms and Conditions**



1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
  - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
    - (1) None.
  - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
    - (1) B2. thru 5.
2. The allowable emissions of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from emissions units J001 (Non-gasoline loading rack), T001 (Tank #6), T002 (Tank #2), T005 (Tank #5), T006 (Tank #1), T007 (Tank #7), T008 (Tank #8), T009 (Tank #9), T010 (Tank E), T011 (Tank #11), T012 (Tank #12), T013 (Tank #13), T014 (Tank K), T015 (Tank #10), T016 (Tank A), T017 (Tank B), T018 (Tank C), T019 (Tank D), T023 (Tank J), T024 (Tank L), T025 (Tank M), T026 (Tank N), T027 (Tank F), T028 (Tank #14), T029 (Tank #17), T030 (Tank #18), T031 (Tank #19), T032 (Tank #20), T033 (Tank #21), T034 (Tank #22), T035 (Tank #23), T037 (Tank #24), T038 (Tank #25) and other de minimis air contaminant sources, as defined in OAC rule 3745-15-05 and other air contaminant sources exempt from the requirement to obtain a permit to install pursuant to OAC rule 3745-31-03 installed subsequent to the issuance of this permit combined shall not exceed 9.9 tons per year (TPY) for any single HAP, as a rolling, 12-month summation and 24.9 TPY for any combination of HAPs, as a rolling, 12-month summation.
3. The permittee shall collect and record the following information each month for the entire facility:
  - a) the name of each HAP\* containing material stored or loaded.
  - b) the vapor pressure of each HAP containing material.
  - c) the throughput, in gallons, of each HAP containing material stored or loaded.
  - d) the total individual HAP emissions for each HAP from all HAP containing materials stored or loaded, in pounds or tons per month. (This shall be calculated by using the appropriate emissions factor for each individual HAP for each HAP containing material).
  - e) the total combined HAP emissions from all HAP containing materials stored or loaded, in pounds or tons per month. [This shall be calculated by adding the emissions from (d) for each individual HAP emitted].
  - f) the updated rolling, 12-month summation for individual HAP emissions for each HAP, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months.
  - g) the updated rolling, 12-month summation for total combined HAP emissions, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months.



**Final Permit-to-Install and Operate**

Queen City Terminals LLC

**Permit Number:** P0117121

**Facility ID:** 1431072036

**Effective Date:** 12/24/2014

\* A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Southwest Ohio Air Quality Agency contact. This information does not have to be kept on a line-by-line basis.

4. The permittee shall submit quarterly deviation (excursion) reports that identify:
  - a) all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations that restrict the potential to emit (PTE) of any regulated air pollutant and have been detected by the monitoring, record keeping and/or testing requirements in this permit;
  - b) HAP emissions in exceedance of 9.9 tons per year (TPY) for any single HAP, as a rolling, 12-month summation and 24.9 TPY for any combination of HAPs, as a rolling, 12-month summation;
  - c) the probable cause of each deviation (excursion);
  - d) any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and
  - e) the magnitude and duration of each deviation (excursion).

If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submitted, electronically through Ohio EPA Air Services, each year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

5. Compliance with the HAP's emission limitations in B.2. shall be demonstrated by the record keeping in B.3.



**Final Permit-to-Install and Operate**  
Queen City Terminals LLC  
**Permit Number:** P0117121  
**Facility ID:** 1431072036  
**Effective Date:** 12/24/2014

## **C. Emissions Unit Terms and Conditions**



**1. T001, Storage Tank - T6**

**Operations, Property and/or Equipment Description:**

840,000 Gallon Internal Floating roof storage tank w/ submerged fill.

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)d.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	See b)(2)a. and c)(2)  The requirements of this rule also include compliance with the requirements of 40 CFR Part 60, Subpart K, OAC rule 3745-31-05(D) and OAC rule 3745-21-09(L).
b.	40 CFR Part 60, Subpart K	See b)(2)a. and d)(1)
c.	OAC rule 3745-21-09(L)	See b)(2)b., c)(3) and d)(1)
d.	OAC rule 3745-31-05(D)	See section B.2.

(2) Additional Terms and Conditions

a. The maximum true vapor pressure of any petroleum liquid stored in this emissions unit shall not exceed 11.1 psia.

b. If the permittee stores a petroleum liquid with a true vapor pressure equal to or greater than 1.5 psia then the use of the internal floating roof is required. The permittee shall also maintain records as outlined in d)(2).



- c. The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

c) **Operational Restrictions**

- (1) Prior to the change in material stored in this emissions unit, Kinder Morgan Liquids Terminals - Queen City Terminals, Inc. shall provide written notification to the Southwestern Ohio Air Quality Agency (SWOAQA). Such notification shall include the information, in an acceptable form, sufficient to determine that the proposed change in materials comply with the conditions of this permit and all other applicable Ohio EPA rules. Within fifteen working days, SWOAQA will notify Kinder Morgan Liquids Terminals - Queen City Terminals whether compliance has been demonstrated. If, in the opinion of the SWOAQA, the material being stored may emit a toxic air contaminant, SWOAQA will notify Kinder Morgan Liquids Terminals - Queen City Terminals within fifteen days whether a Permit to Install and Operate (PTI) is required to store the material. Kinder Morgan Liquids Terminals - Queen City Terminals shall not store the specific material until they have been notified that compliance has been demonstrated or whether or not a PTIO is required.
- (2) The permittee shall operate and maintain equipment for submerged fill and/or the use of an internal floating roof.
- (3) When storing petroleum liquids with a true vapor pressure equal to or greater than 1.5 psia, the permittee shall comply with the following requirements:
  - a. The automatic bleeder vents are to be closed at all times except when the roof is floated off or landed on the roof leg supports, and the rim vents, if provided, are to be set to open when the roof is being floated off the roof leg supports or is at the manufacturer's recommended setting.
  - b. All openings, except stub drains, are to be equipped with a cover, seal or lid which is to be in a closed position at all times except when in actual use for tank gauging or sampling.

d) **Monitoring and/or Recordkeeping Requirements**

- (1) The permittee shall maintain records of each material stored in this emissions unit, the period of storage, the throughput of each material stored, and the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid.
- (2) When storing petroleum liquids with a true vapor pressure of 1.52 psia or greater, the permittee shall conduct annual visual inspections of the internal floating roof and the primary or secondary seal for holes or tears.



e) Reporting Requirements

- (1) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services
- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.
- (3) The permittee shall notify the SWOACA within 30 days when the maximum true vapor pressure of any stored liquid exceeds 1.5 psia and an internal floating roof is not used for control.

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:
  - a. The permittee shall determine the maximum true vapor pressure according to methods outlined in 40 CFR Part 60, paragraph 60.115 a(b).
  - b. Compliance with the vapor pressure limitation in b)(2)a. shall be determined by the record keeping in d)(1).

g) Miscellaneous Requirements

- (1) None.



**2. T002, Storage Tank - T2**

**Operations, Property and/or Equipment Description:**

4,032,000 Gallon Fixed Roof Storage Tank

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)d.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	See b)(2)a., c)(1) and c)(2).  The requirements of this rule also include compliance with the requirements of 40 CFR Part 60, Subpart Ka, OAC rule 3745-31-05(D), and OAC rule 3745-21-09(L).
b.	40 CFR Part 60, Subpart Ka	See d)(1).
c.	OAC rule 3745-21-09(L)	See d)(1).
d.	OAC rule 3745-31-05(D)	See Section B.2.

(2) Additional Terms and Conditions

a. The maximum true vapor pressure of any materials stored in this emissions unit shall be less than 1.5 psia.



c) Operational Restrictions

- (1) The permittee shall operate and maintain equipment for submerged filling of this emissions unit.
- (2) The permittee shall not store benzene in this emissions unit.
- (3) Prior to the change in material stored in this emissions unit, Kinder Morgan Liquids Terminals - Queen City Terminals, Inc. shall provide written notification to the Southwestern Ohio Air Quality Agency (SWOAQA). Such notification shall include the information, in an acceptable form, sufficient to determine that the proposed change in materials comply with the conditions of this permit and all other applicable Ohio EPA rules. Within fifteen working days, SWOAQA will notify Kinder Morgan Liquids Terminals - Queen City Terminals whether compliance has been demonstrated. If, in the opinion of the SWOAQA, the material being stored may emit a toxic air contaminant, SWOAQA will notify Kinder Morgan Liquids Terminals - Queen City Terminals within fifteen days whether a Permit to Install and Operate (PTIO) is required to store the material. Kinder Morgan Liquids Terminals - Queen City Terminals shall not store the specific material until they have been notified that compliance has been demonstrated or whether or not a PTIO is required.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain records of each material stored in this emissions unit, the period of storage, the throughput of each material stored, and the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid.

e) Reporting Requirements

- (1) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services
- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.



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- (3) The permittee shall notify the Southwest Ohio Air Quality Agency within 30 days when the maximum true vapor pressure of any stored liquid equals or exceeds 1.5 psia.
  
- f) Testing Requirements
  - (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:
    - a. The permittee shall determine the maximum true vapor pressure according to methods outlined in 40 CFR Part 60, paragraph 60.115 a(b).
    - b. Compliance with the vapor pressure limitation in b)(2)a. shall be determined by the record keeping in d)(1).
  
- g) Miscellaneous Requirements
  - (1) None.



**3. T007, Storage Tank - T7**

**Operations, Property and/or Equipment Description:**

840,000 gallon Fixed Roof Storage Tank

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)b.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	See b)(2)a.
b.	OAC rule 3745-31-05(D)	See section B.2
c.	OAC rule 3745-21-09(L)	See c)(2).

(2) Additional Terms and Conditions

a. The organic compound emissions from this emissions unit shall not exceed 2.45 tons per year.

c) Operational Restrictions

(1) The permittee shall operate and maintain equipment for submerged filling of the tank.

(2) The permittee shall not store any petroleum liquid with a vapor pressure greater than 1.52 pounds per square inch absolute (psia) unless the permittee complies with the requirements of OAC rule 3745-21-09(L)(1).

(3) Prior to the change in material stored in this emissions unit, Kinder Morgan Liquids Terminals - Queen City Terminals, Inc. shall provide written notification to the



Southwestern Ohio Air Quality Agency (SWOAQA). Such notification shall include the information, in an acceptable form, sufficient to determine that the proposed change in materials comply with the conditions of this permit and all other applicable Ohio EPA rules. Within fifteen working days, SWOAQA will notify Kinder Morgan Liquids Terminals - Queen City Terminals whether compliance has been demonstrated. If, in the opinion of the SWOAQA, the material being stored may emit a toxic air contaminant, SWOAQA will notify Kinder Morgan Liquids Terminals - Queen City Terminals within fifteen days whether a Permit to Install and Operate (PTIO) is required to store the material. Kinder Morgan Liquids Terminals - Queen City Terminals shall not store the specific material until they have been notified that compliance has been demonstrated or whether or not a PTIO is required.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain records of each material stored in this emissions unit, the period of storage, the throughput of each material stored, and the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid.
- (2) The permittee shall maintain annual records of the VOC emissions in tons per year for this emissions unit.

e) Reporting Requirements

- (1) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services
- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.
- (3) The permittee shall notify the SWOAQA if any material with a true vapor pressure greater than or equal to 1.52 psia is stored in this emissions unit and the tank does not comply with the requirements in OAC rule 3745-21-09(L)(1). The notification shall be submitted within thirty days of becoming aware of the occurrence.



f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

The organic compound emissions from this emissions unit shall not exceed 2.45 tons per year.

Applicable Compliance Method:

Compliance with emission limitation in Section A shall be determined in accordance with the methods and formulas outlined in AP-42, Storage of Organic Liquids, Section 7.1.

(2) The permittee shall determine the maximum true vapor pressure according to methods outlined in 40 CFR Part 60, paragraph 60.116b(e).

g) Miscellaneous Requirements

(1) None.



**4. T008, Storage Tank - T8**

**Operations, Property and/or Equipment Description:**

630,000 Gallon Bulk Liquid Storage Tank with submerged fill

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)d.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	See c)(1)
b.	40 CFR Part 60, Subpart Kb	See c)(2)
c.	OAC rule 3745-21-09(L)	See d)(1)
d.	OAC rule 3745-31-05(D)	See Section B.1.

(2) Additional Terms and Conditions

a. None.

c) Operational Restrictions

(1) The permittee shall operate and maintain equipment for submerged filling of the tank.

(2) The maximum true vapor pressure of any materials stored in this emissions unit shall be less than 0.754 psia.

(3) Prior to the change in material stored in this emissions unit, Kinder Morgan Liquids Terminals - Queen City Terminals, Inc. shall provide written notification to the Southwestern Ohio Air Quality Agency (SWOQA). Such notification shall include the



information, in an acceptable form, sufficient to determine that the proposed change in materials comply with the conditions of this permit and all other applicable Ohio EPA rules. Within fifteen working days, SWOAQA will notify Kinder Morgan Liquids Terminals - Queen City Terminals whether compliance has been demonstrated. If, in the opinion of the SWOAQA, the material being stored may emit a toxic air contaminant, SWOAQA will notify Kinder Morgan Liquids Terminals - Queen City Terminals within fifteen days whether a Permit to Install and Operate (PTI) is required to store the material. Kinder Morgan Liquids Terminals - Queen City Terminals shall not store the specific material until they have been notified that compliance has been demonstrated or whether or not a PTIO is required.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain records of each material stored in this emissions unit, the period of storage, the throughput of each material stored, and the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid.
- (2) The permittee shall maintain records showing the dimension of the storage vessel and the capacity of the storage vessel.

e) Reporting Requirements

- (1) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services
- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.
- (3) The permittee shall notify the SWOAQA if any material with a true vapor pressure greater than or equal to 0.754 psia is stored in this emissions unit and the tank does not comply with the requirements in 40 CFR Part 60, Subpart Kb. The notification shall be submitted within thirty days of becoming aware of the occurrence.



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f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. The permittee shall determine the maximum true vapor pressure according to methods outlined in 40 CFR Part 60, paragraph 60.116 b(e).

g) Miscellaneous Requirements

(1) None.



**5. T011, Storage Tank - T11**

**Operations, Property and/or Equipment Description:**

2,100,000 Gallon Fixed Roof Storage Tank

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)d.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	See b)(2)a., c)(1) and c)(2).  The requirements of this rule also include compliance with the requirements of 40 CFR Part 60, Subpart Ka, OAC rule 3745-31-05(D), and OAC rule 3745-21-09(L).
b.	40 CFR Part 60, Subpart Ka	See d)(1).
c.	OAC rule 3745-21-09(L)	See d)(1).
d.	OAC rule 3745-31-05(D)	See Section B.2.

(2) Additional Terms and Conditions

a. The maximum true vapor pressure of any materials stored in this emissions unit shall be less than 1.5 psia.



c) Operational Restrictions

- (1) The permittee shall operate and maintain equipment for submerged filling of this emissions unit.
- (2) The permittee shall not store benzene in this emissions unit.
- (3) Prior to the change in material stored in this emissions unit, Kinder Morgan Liquids Terminals - Queen City Terminals, Inc. shall provide written notification to the Southwestern Ohio Air Quality Agency (SWOAQA). Such notification shall include the information, in an acceptable form, sufficient to determine that the proposed change in materials comply with the conditions of this permit and all other applicable Ohio EPA rules. Within fifteen working days, SWOAQA will notify Kinder Morgan Liquids Terminals - Queen City Terminals whether compliance has been demonstrated. If, in the opinion of the SWOAQA, the material being stored may emit a toxic air contaminant, SWOAQA will notify Kinder Morgan Liquids Terminals - Queen City Terminals within fifteen days whether a Permit to Install and Operate (PTIO) is required to store the material. Kinder Morgan Liquids Terminals - Queen City Terminals shall not store the specific material until they have been notified that compliance has been demonstrated or whether or not a PTIO is required.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain records of each material stored in this emissions unit, the period of storage, the throughput of each material stored, and the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid.

e) Reporting Requirements

- (1) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services
- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.



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- (3) The permittee shall notify the Southwest Ohio Air Quality Agency within 30 days when the maximum true vapor pressure of any stored liquid equals or exceeds 1.5 psia.
  
- f) Testing Requirements
  - (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:
    - a. The permittee shall determine the maximum true vapor pressure according to methods outlined in 40 CFR Part 60, paragraph 60.115a(b).
    - b. Compliance with the vapor pressure limitation in b)(2)a. shall be determined by the record keeping in d)(1).
  
- g) Miscellaneous Requirements
  - (1) None.



**6. T012, Storage Tank - T12**

**Operations, Property and/or Equipment Description:**

420,000 Gallon Fixed Roof Tank w/ submerged filling

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)d.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	Volatile organic compound (VOC) emissions from this emissions unit shall not exceed 2.0 tons per year (TPY).  See c)(1) and c)(2).
b.	40 CFR Part 60, Subpart Kb	Exempt per 40 CFR 60.110b(b)
c.	OAC rule 3745-21-09(L)	The emission limitation established by this rule is less stringent than those established by OAC rule 3745-31-05(A)(3).  See d)(1).
d.	OAC rule 3745-31-05(D)	See section B.2.

(2) Additional Terms and Conditions

a. None.



c) Operational Restrictions

- (1) The permittee shall operate and maintain equipment for submerged filling of the tank.
- (2) The maximum true vapor pressure of any materials stored in this emissions unit shall not exceed 0.51 psia (3.5 kilopascals).
- (3) Prior to the change in material stored in this emissions unit, Kinder Morgan Liquids Terminals - Queen City Terminals, Inc. shall provide written notification to Southwest Ohio Air Quality Agency (SWOAQA). Such notification shall include the information, in an acceptable form, sufficient to determine that the proposed change in materials comply with the conditions of this permit and all other applicable Ohio EPA rules. Within fifteen working days, SWOAQA will notify Kinder Morgan Liquids Terminals - Queen City Terminals whether compliance has been demonstrated. If, in the opinion of the SWOAQA, the material being stored may emit a toxic air contaminant, SWOAQA will notify Kinder Morgan Liquids Terminals - Queen City Terminals within fifteen days whether a modified Permit-to-Install and Operate (PTIO) is required to store the material. Kinder Morgan Liquids Terminals - Queen City Terminals shall not store the specific material until they have been notified that compliance has been demonstrated or whether or not a modified PTIO is required.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain records of each material stored in this emissions unit, the period of storage, the throughput of each material stored, and the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid.
- (2) The permittee shall maintain annual records of the VOC emissions in tons per year for this emissions unit.

e) Reporting Requirements

- (1) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services



(2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit

(3) The permittee shall notify the SWOAQA within 30 days when the maximum true vapor pressure of any stored liquid exceeds 0.51 psia.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

The volatile organic compound emissions from this emissions unit shall not exceed 2.0 TPY.

Applicable Compliance Method:

Compliance shall be determined in accordance with the methods and formulas outlined in AP-42, Storage of Organic Liquids, Section 7.1.

(2) Compliance with the vapor pressure limitation in c)(2) shall be determined by the record keeping in d)(1).

(3) The permittee shall determine the maximum true vapor pressure according to methods outlined in 40 CFR Part 60, paragraph 60.116b(e).

g) Miscellaneous Requirements

(1) None.



**7. T014, Storage Tank - TK**

**Operations, Property and/or Equipment Description:**

30,000 Gallon Horizontal Storage Tank with submerged fill

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)d.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 2.0 tons per year (TPY).  See c)(1) and c)(2)
b.	40 CFR Part 60, Subpart Kb	Exempt per 40 CFR 60.110b(b)
c.	OAC rule 3745-21-09(L)	Exempt.
d.	OAC rule 3745-31-05(D)	See section B.2.

(2) Additional Terms and Conditions

a. None.

c) Operational Restrictions

(1) The permittee shall operate and maintain equipment for submerged filling of the tank.

(2) The maximum true vapor pressure of any materials stored in this emissions unit shall not exceed 1.50 psia at 70 degrees Fahrenheit.



- (3) Prior to the change in material stored in this emissions unit, Kinder Morgan Liquids Terminals - Queen City Terminals, Inc. shall provide written notification to the Southwest Ohio Air Quality Agency (SWOAQA). Such notification shall include the information, in an acceptable form, sufficient to determine that the proposed change in materials comply with the conditions of this permit and all other applicable Ohio EPA rules. Within fifteen working days, SWOAQA will notify Kinder Morgan Liquids Terminals - Queen City Terminals whether compliance has been demonstrated. If, in the opinion of the SWOAQA, the material being stored may emit a toxic air contaminant, SWOAQA will notify Kinder Morgan Liquids Terminals - Queen City Terminals within fifteen days whether a modified Permit-to-Install and Operate (PTIO) is required to store the material. Kinder Morgan Liquids Terminals - Queen City Terminals shall not store the specific material until they have been notified that compliance has been demonstrated or whether or not a modified PTIO is required.
- d) Monitoring and/or Recordkeeping Requirements
- (1) The permittee shall maintain records of each material stored in this emissions unit, the period of storage, the throughput of each material stored, and the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid.
  - (2) The permittee shall maintain annual records of the VOC emissions in tons per year for this emissions unit.
- e) Reporting Requirements
- (1) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services
  - (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit
  - (3) The permittee shall notify the SWOAQA within 30 days when the maximum true vapor pressure of any stored liquid exceeds 1.50 psia.



f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

The volatile organic compound emissions from this emissions unit shall not exceed 2.0 TPY.

Applicable Compliance Method:

Compliance shall be determined in accordance with the methods and formulas outlined in AP-42, Storage of Organic Liquids, Section 7.1.

(2) Compliance with the vapor pressure limitation in c)(2) shall be determined by the record keeping in d)(1).

(3) The permittee shall determine the maximum true vapor pressure according to methods outlined in 40 CFR Part 60, paragraph 60.116b(e).

g) Miscellaneous Requirements

(1) None.



**8. T015, Storage Tank - T10**

**Operations, Property and/or Equipment Description:**

2.1 MM Gallon Internal Floating Roof Tank with single seals

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	<p>Volatile organic compound (VOC) emissions from this emissions unit shall not exceed 3.2 tons per year (TPY).</p> <p>See c)(1) and c)(2)</p>
b.	40 CFR Part 60, Subpart Ka	See b)(2)a. and c)(4)
c.	OAC rule 3745-21-09(L)	The emission limitation established by this rule is equivalent to the requirements of 40 CFR Part 60, Subpart Ka.

(2) Additional Terms and Conditions

a. If the permittee stores a petroleum liquid with a true vapor pressure equal to or greater than 1.5 psia, then the use of the internal floating roof is required.

c) Operational Restrictions

(1) The maximum true vapor pressure of any materials stored in this emissions unit shall not exceed 3.0 psia.



- (2) The permittee shall operate and maintain equipment for submerged fill or the use of an internal floating roof.
  - (3) Prior to the change in material stored in this emissions unit, Kinder Morgan Liquids Terminals - Queen City Terminals, Inc. shall provide written notification to Southwest Ohio Air Quality Agency (SWOAQA). Such notification shall include the information, in an acceptable form, sufficient to determine that the proposed change in materials comply with the conditions of this permit and all other applicable Ohio EPA rules. Within fifteen working days, SWOAQA will notify Kinder Morgan Liquids Terminals - Queen City Terminals whether compliance has been demonstrated. If, in the opinion of the SWOAQA, the material being stored may emit a toxic air contaminant, SWOAQA will notify Kinder Morgan Liquids Terminals - Queen City Terminals within fifteen days whether a modified Permit-to-Install and Operate (PTIO) is required to store the material. Kinder Morgan Liquids Terminals - Queen City Terminals shall not store the specific material until they have been notified that compliance has been demonstrated or whether or not a modified PTIO is required.
  - (4) When storing petroleum liquids with a true vapor pressure equal to or greater than 1.5 psia, the permittee shall comply with the following requirements:
    - a. The cover is to be floating at all times (i.e., off the leg supports) except during the initial fill and when the tank is completely empty and subsequently refilled.
    - b. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible.
    - c. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface.
    - d. Each opening in the cover except for automatic bleeder vents, rim space vents, stub drains, and leg sleeves are to be equipped with a cover, seal, or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use.
    - e. Automatic bleeder vents are to be closed at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports.
    - f. Rim vents are to be set to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting.
- d) **Monitoring and/or Recordkeeping Requirements**
- (1) The permittee shall maintain records of each material stored in this emissions unit, the period of storage, the throughput of each material stored, and the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid.
  - (2) When storing petroleum liquids with a true vapor pressure equal to or greater than 1.5 psia, the permittee shall conduct annual visual inspections of the internal floating roof and the primary or secondary seals for holes or tears.



- (3) The permittee shall maintain annual records of the VOC emissions in tons per year.

e) Reporting Requirements

- (1) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services
- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit
- (3) The permittee shall notify the Southwest Ohio Air Quality Agency within 30 days of the occurrence, of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit.
- (4) The permittee shall notify the Southwest Ohio Air Quality Agency within 30 days of the occurrence, of any period of time when the maximum true vapor pressure of any stored liquid exceeds 3.0 psia.

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

The volatile organic compound emissions from this emissions unit shall not exceed 3.2 TPY.

Applicable Compliance Method:

Compliance shall be determined in accordance with the methods and formulas outlined in AP-42, Storage of Organic Liquids, Section 7.1.



**Final Permit-to-Install and Operate**

Queen City Terminals LLC

**Permit Number:** P0117121

**Facility ID:** 1431072036

**Effective Date:** 12/24/2014

- (2) Compliance with the vapor pressure limitation in c)(1) shall be determined by the record keeping in d)(1).
  - (3) The permittee shall determine the maximum true vapor pressure according to methods outlined in 40 CFR Part 60, paragraph 60.116b(e).
- g) Miscellaneous Requirements
- (1) None.