Facility DEC ID: 8262600070

## PERMIT Under the Environmental Conservation Law (ECL)

#### IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 8-2626-00070/00009

Effective Date: 03/18/2014 Expiration Date: 03/17/2024

Permit Issued To:NORTH ALBANY TERMINAL COMPANY LLC

8235 FORSYTH BLVD STE 400 SAINT LOUIS, MO 63105

Contact: BERNIE SHEIL

NORTH ALBANY TERMINAL COMPANY LLC

2801 ROCK RD

GRANITE CITY, IL 62040

(618) 452-4195

Facility: ROCHESTER TERMINAL - NORTH ALBANY TERMINAL CO LLC

1935 LYELL AVE ROCHESTER, NY 14606

#### Description:

Initial Air State Facility Permit for the North Albany Terminal Company LLC - Rochester Terminal, a bulk petroleum storage and transfer facility consisting of a truck loading rack, 2 gasoline storage tanks, and 5 distillate storage tanks. Distillates include jet fuel A (jet kerosene), diesel fuel, fuel oils, and kerosene. This permit authorizes two additional 25,000 gallon storage tanks for ethanol, and new blending equipment on the truck loading rack to add ethanol to the gasoline when loading.

Facility emissions were previously limited to below Title V thresholds, and authorized by Emission Point Certificates to Operate, since no significant changes in operations were made since 6 NYCRR Part 201-6 (Title V) regulations became effective, until the ethanol tanks and truck loading rack equipment were proposed.

This Permit also includes conditions to continue to restrict facility VOC and HAP emissions to below Title V thresholds. During any consecutive 12 month period, facility throughput may not exceed 170,000,000 gallons of distillate and 90,000,000 gallons of gasoline and ethanol. This will restrict facility VOC emissions to less than 50 tons per year, HAP emissions to less than 25 tons per year, and emissions of any individual HAP compound to less than 10 tons per year. These throughput limits will also restrict emissions to below applicability thresholds in 40CFR63 Subpart R National Emission Standards for Gasoline Distribution Facilities.

North Albany Terminal Company must maintain monthly records of fuel throughput and resultant emissions on site for a minimum of five years. These records must be made available with all supporting data to Department inspectors upon request.



By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator:	SCOTT SHEELEY	
	NYS DEC	
	6274 E AVON-LIMA RD	
	AVON, NY 14414	
Authorized Signature:		Date://



#### **Notification of Other State Permittee Obligations**

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



#### LIST OF CONDITIONS

#### DEC GENERAL CONDITIONS

#### **General Provisions**

Facility Inspection by the Department Relationship of this Permit to Other Department Orders and Determinations

Applications for permit renewals, modifications and transfers
Permit modifications, suspensions or revocations by the Department
Facility Level

Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS



# DEC GENERAL CONDITIONS \*\*\*\* General Provisions \*\*\*\* GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

#### Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

#### Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

#### Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

## Condition 2: Relationship of this Permit to Other Department Orders and Determinations Applicable State Requirement: ECL 3-0301 (2) (m)

#### Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

## Condition 3: Applications for permit renewals, modifications and transfers Applicable State Requirement: 6 NYCRR 621.11

#### Item 3.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

#### Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

#### Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

DEC Permit Conditions FINAL



Condition 4: Permit modifications, suspensions or revocations by the Department Applicable State Requirement: 6 NYCRR 621.13

#### Item 4.1:

The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

#### \*\*\*\* Facility Level \*\*\*\*

Condition 5: Submission of application for permit modification or renewal-REGION 8
HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

#### Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator Region 8 Headquarters Division of Environmental Permits 6274 Avon-Lima Road Avon, NY 14414-9519 (585) 226-2466



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Permit Under the Environmental Conservation Law (ECL)

#### ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY

#### **PERMIT**

#### **IDENTIFICATION INFORMATION**

Permit Issued To:NORTH ALBANY TERMINAL COMPANY LLC 8235 FORSYTH BLVD STE 400 SAINT LOUIS, MO 63105

Facility: ROCHESTER TERMINAL - NORTH ALBANY TERMINAL CO LLC

1935 LYELL AVE

ROCHESTER, NY 14606

Authorized Activity By Standard Industrial Classification Code: 5171 - PETROLEUM BULK STATIONS & TERMINALS

Permit Effective Date: 03/18/2014 Permit Expiration Date: 03/17/2024



Permit ID: 8-2626-00070/00009 Facility DEC ID: 8262600070

#### LIST OF CONDITIONS

## FEDERALLY ENFORCEABLE CONDITIONS Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 200.7: Maintenance of Equipment
- 3 6 NYCRR 201-1.7: Recycling and Salvage
- 4 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 5 6 NYCRR 201-3.2 (a): Exempt Sources Proof of Eligibility
- 6 6 NYCRR 201-3.3 (a): Trivial Sources Proof of Eligibility
- 7 6 NYCRR 201-7.1: Facility Permissible Emissions
- \*8 6 NYCRR 201-7.1: Capping Monitoring Condition
- \*9 6 NYCRR 201-7.1: Capping Monitoring Condition
- 10 6 NYCRR 211.1: Air pollution prohibited
- 11 6 NYCRR 225-1.2 (f): Compliance Demonstration
- 12 6 NYCRR 225-1.2 (h): Compliance Demonstration
- 13 6 NYCRR 225-1.6 (b): Compliance Demonstration
- 14 6 NYCRR 225-1.6 (c): Compliance Demonstration
- 15 6 NYCRR 225-1.6 (d): Record Availability
- 16 6 NYCRR 225-1.6 (f): Compliance Demonstration
- 17 6 NYCRR 225-3.3 (a): Compliance Demonstration
- 18 6 NYCRR 225-3.4 (a): Compliance Demonstration
- 19 6 NYCRR 225-3.4 (b): Compliance Demonstration
- 20 6 NYCRR 225-3.4 (d): Compliance Demonstration
- 21 6 NYCRR 229.4 (a): Compliance Demonstration
- 22 6 NYCRR 229.5 (a): Compliance Demonstration
- 23 6 NYCRR 229.5 (c): Compliance Demonstration
- 24 40CFR 63.11083(b), Subpart BBBBBB: Compliance date for an existing source
- 25 40CFR 63.11089, Subpart BBBBBB: Compliance Demonstration
- 26 40CFR 63.11093, Subpart BBBBBB: Notifications (63.11093 a-d)
- 27 40CFR 63.11094(b), Subpart BBBBBB: Compliance Demonstration
- 28 40CFR 63.11094(c), Subpart BBBBBB: Compliance Demonstration
- 29 40CFR 63.11094(d), Subpart BBBBBB: Compliance Demonstration
- 30 40CFR 63.11094(e), Subpart BBBBBB: Compliance Demonstration
- 31 40CFR 63.11094(f), Subpart BBBBBB: Compliance Demonstration
- 32 40CFR 63.11095(a), Subpart BBBBBB: Compliance Demonstration
- 33 40CFR 63.11095(b), Subpart BBBBBB: Compliance Demonstration
- 34 40CFR 63.11095(c), Subpart BBBBBB: Waiver of semi annual excess emissions report
- 35 40CFR 63.11098, Subpart BBBBBB: Applicability of MACT General Provisions **Emission Unit Level**

#### **EU=1-LRACK**

- 36 6 NYCRR 230.6 (b): Compliance Demonstration
- 37 40CFR 60.502(b), NSPS Subpart XX: Emission limit

#### EU=1-LRACK,Proc=GAS

38 6 NYCRR 229.3 (d): Compliance Demonstration



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- 39 6 NYCRR 229.3 (d): Compliance Demonstration
- 40 6 NYCRR 230.4 (a) (1): Compliance Demonstration
- 41 6 NYCRR 230.4 (a) (2): Repairs to gasoline transport vehicles
- 42 6 NYCRR 230.4 (a) (3): Labelling of gasoline transport vehicles
- 43 6 NYCRR 230.4 (b): Compliance Demonstration
- 44 6 NYCRR 230.4 (e): Leak limit
- 45 6 NYCRR 230.4 (f): Loading pressure
- 46 6 NYCRR 230.4 (g): Dome covers
- 47 6 NYCRR 230.6 (a): Compliance Demonstration
- 48 6 NYCRR 230.6 (c): Compliance Demonstration
- 49 40CFR 60.502(d), NSPS Subpart XX: Compliance Demonstration
- 50 40CFR 60.502(e), NSPS Subpart XX: Compliance Demonstration
- 51 40CFR 60.502(f), NSPS Subpart XX: Truck loading compatibility
- 52 40CFR 60.502(g), NSPS Subpart XX: Vapor collection connection required
- 53 40CFR 60.502(h), NSPS Subpart XX: Compliance Demonstration
- 54 40CFR 60.502(i), NSPS Subpart XX: Vent pressure limit
- 55 40CFR 60.502(j), NSPS Subpart XX: Compliance Demonstration
- 56 40CFR 60.505(b), NSPS Subpart XX: Compliance Demonstration
- 57 40CFR 63.11(b)(1), Subpart A: Operation and Maintenance of Flares
- 58 40CFR 63.11(b)(2), Subpart A: Flare Types
- 59 40CFR 63.11(b)(3), Subpart A: Flare Operation
- 60 40CFR 63.11(b)(4), Subpart A: Flare Emissions
- 61 40CFR 63.11(b)(5), Subpart A: Pilot Flame Requirement
- 62 40CFR 63.11(b)(6)(i), Subpart A: Flare Exit Velocity
- 63 40CFR 63.11(b)(6)(ii), Subpart A: Flare Heat Content
- 64 40CFR 63.11(b)(7)(i), Subpart A: Flare Exit Velocity for Steam-Assisted and Nonassisted Flares
- 65 40CFR 63.11(b)(7)(ii), Subpart A: Flare Exit Velocity for Steam-Assisted and Nonassisted Flares
- 66 40CFR 63.11(b)(7)(iii), Subpart A: Flare Exit Velocity for Steam-Assisted and Nonassisted Flares
- 70 40CFR 63.11(b)(8), Subpart A: Flare Exit Velocity for Air-Assisted Flares
- 67 40CFR 63.11088, Subpart BBBBBB: Compliance Demonstration
- 68 40CFR 63.11092(a)(4), Subpart BBBBBB: Compliance Demonstration
- 69 40CFR 63.11092(b)(2), Subpart BBBBBB: Compliance Demonstration

#### **EU=1-TANKS**

- 71 6 NYCRR 229.3 (a): Compliance Demonstration
- 72 40CFR 63.11087, Subpart BBBBBB: Compliance Demonstration
- 73 40CFR 63.11092(e)(1), Subpart BBBBBB: Compliance Demonstration
- 74 40CFR 63.11094(a), Subpart BBBBBB: Compliance Demonstration

## STATE ONLY ENFORCEABLE CONDITIONS Facility Level

- 75 ECL 19-0301: Contaminant List
- 76 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 77 6 NYCRR Subpart 201-5: Emission Unit Definition
- 78 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 79 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 80 6 NYCRR 211.2: Visible Emissions Limited
- 81 6 NYCRR 217-3.2: Idling of Diesel Trucks Limited



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#### **Emission Unit Level**

82 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit83 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: \* preceding the condition number indicates capping.



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## FEDERALLY ENFORCEABLE CONDITIONS \*\*\*\* Facility Level \*\*\*\*

#### NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

#### Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation. Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

#### Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

#### Item C: Maintenance of Equipment - 6 NYCRR 200.7

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications,



#### New York State Department of Environmental Conservation Permit ID: 8-2626-00070/00009 Facility DEC ID: 8262600070

required to operate such device effectively.

#### Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2

If an existing emission source was subject to the permitting requirements of 6 NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

#### Item E: Emergency Defense - 6 NYCRR 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

- (a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:
- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
  - (4) The facility owner and/or operator notified the

#### Department

within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.



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(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

#### Item F: Recycling and Salvage - 6 NYCRR 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

## Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

#### Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

## Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR 201-3.3 (a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

#### Item J: Required Emission Tests - 6 NYCRR 202-1.1



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An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

#### Item K: Open Fires Prohibitions - 6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

#### Item L: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

#### Item M: Federally Enforceable Requirements - 40 CFR 70.6 (b)

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

FEDERAL APPLICABLE REQUIREMENTS The following conditions are federally enforceable.

**Condition 1: Acceptable Ambient Air Quality** 



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#### Effective between the dates of 03/18/2014 and 03/17/2024

#### Applicable Federal Requirement: 6 NYCRR 200.6

#### Item 1.1:

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

**Condition 2:** Maintenance of Equipment

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 200.7

#### Item 2.1:

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

Condition 3: Recycling and Salvage

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 201-1.7

#### Item 3.1:

Where practical, the owner or operator of an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

## Condition 4: Prohibition of Reintroduction of Collected Contaminants to the air

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 201-1.8

#### Item 4.1:

No person shall unnecessarily remove, handle or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

**Condition 5:** Exempt Sources - Proof of Eligibility

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 201-3.2 (a)

#### Item 5.1:

The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The



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owner or operator of any such emission source or activity must maintain all records necessary for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

**Condition 6:** Trivial Sources - Proof of Eligibility

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 201-3.3 (a)

#### Item 6.1:

The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

**Condition 7:** Facility Permissible Emissions

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 201-7.1

#### Item 7.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 0NY998-00-0 PTE: 73,200 pounds per year

Name: VOC

**Condition 8: Capping Monitoring Condition** 

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 201-7.1

#### Item 8.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6 40 CFR Part 63, Subpart R

#### Item 8.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

#### Item 8.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart,



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during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

#### Item 8.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

#### Item 8.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

#### Item 8.6:

The Compliance Demonstration activity will be performed for the Facility.

#### Regulated Contaminant(s):

CAS No: 000071-43-2 **BENZENE** CAS No: 000100-41-4 **ETHYLBENZENE** CAS No: 000108-88-3 TOLUENE CAS No: 000110-54-3 HEXANE CAS No: 000540-84-1 PENTANE, 2,2,4-TRIMETHYL-CAS No: 001330-20-7 XYLENE, M, O & P MIXT. TOTAL HAP CAS No: 0NY100-00-0 CAS No: 0NY998-00-0 VOC

#### Item 8.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

In order to remain below the major source thresholds for 6NYCRR Part 201-6 and 40CFR63 Subpart R, the annual distillates throughput at this facility shall not exceed 170,000,000 gallons on a rolling twelve-month basis. Distillates throughput shall be recorded on a monthly basis and incorporated into a twelve-month rolling total. Records shall be maintained on site for five years and made available to the Department upon request.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Upper Permit Limit: 170000000 gallons Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



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The initial report is due 1/30/2015. Subsequent reports are due every 12 calendar month(s).

**Condition 9: Capping Monitoring Condition** 

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 201-7.1

#### **Item 9.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6 40 CFR Part 63, Subpart R

#### Item 9.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

#### Item 9.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

#### Item 9.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

#### Item 9.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

#### Item 9.6:

The Compliance Demonstration activity will be performed for the Facility.

#### Regulated Contaminant(s):

CAS No: 000071-43-2
CAS No: 000100-41-4
CAS No: 000108-88-3
CAS No: 000110-54-3
CAS No: 000540-84-1
CAS No: 001330-20-7
CAS No: 0NY100-00-0

BENZENE
ETHYLBENZENE
TOLUENE
HEXANE
PENTANE, 2,2,4-TRIMETHYLXYLENE, M, O & P MIXT.
TOTAL HAP



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#### Item 9.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC

**OPERATIONS** 

Monitoring Description:

In order to remain below the major source thresholds for 6NYCRR Part 201-6 and 40CFR63 Subpart R, the annual gasoline and ethanol throughput at this facility shall not exceed 90,000,000 gallons on a rolling twelve-month basis. Gasoline and ethanol throughput shall be recorded on a monthly basis and incorporated into a twelve-month rolling total. Records shall be maintained on site for five years and made available to the Department upon request.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: GASOLINE

Upper Permit Limit: 90000000 gallons Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

Subsequent reports are due every 12 calendar month(s).

Condition 10: Air pollution prohibited

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 211.1

#### Item 10.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

**Condition 11:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 225-1.2 (f)

#### Item 11.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 11.2:

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of commercial, industrial, or residential emission sources that fire number two heating oil on or after July 1, 2012 are limited to the purchase of number two heating oil with 0.0015 percent sulfur by weight or less. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 HEATING OIL Parameter Monitored: SULFUR CONTENT Upper Permit Limit: 0.0015 percent by weight Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 12: Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement:6 NYCRR 225-1.2 (h)

#### Item 12.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installations that fire distillate oil are limited to the firing of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and

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must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT Upper Permit Limit: 0.0015 percent by weight Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY

TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

#### **Condition 13:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 225-1.6 (b)

#### Item 13.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

The facility must retain, for at least five years, records containing the following information:

- fuel analyses and data on the quantities of all oil received; and
- ii. the names of all purchasers, fuel analyses and data on the quantities of all oil sold.

Such fuel analyses must contain as a minimum:

- i. data on the sulfur content, ash content, specific gravity and heating value of residual oil; and
- ii. data on the sulfur content, specific gravity and heating value of distillate oil.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



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**Condition 14:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 225-1.6 (c)

#### Item 14.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Sampling, compositing, and analysis of fuel samples must be done in accordance with methods acceptable to the department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

**DESCRIPTION** 

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 15:** Record Availability

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 225-1.6 (d)

Item 15.1: Facility owners required to maintain and retain records pursuant to this Subpart must make such records available for inspection by the Department.

**Condition 16:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 225-1.6 (f)

#### Item 16.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

Facility owners subject to this Subpart must submit a written report of the fuel sulfur content exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable equivalent emission rate, and the nature and cause of such exceedances if known, for each calendar quarter, within 30



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days after the end of any quarterly period in which an exceedances takes place.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 17:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 225-3.3 (a)

#### Item 17.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 17.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Any gasoline sold or supplied to a retailer or wholesale purchaser-consumer, shall have a Reid vapor pressure (RVP) no greater than 9.0 pounds per square inch (psi), during the period May 1st through September 15th of each year. Sampling and testing will be done according to a protocol approved by the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: GASOLINE

Parameter Monitored: REID VAPOR PRESSURE Upper Permit Limit: 9.0 pounds per square inch absolute

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

**DESCRIPTION** 

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 18:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 225-3.4 (a)

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#### Item 18.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

The owner or operator of any refinery, terminal, or bulk plant from which gasoline, subject to this Subpart, is distributed must maintain records on the gasoline that is delivered to or distributed from such facilities. These records shall include:

- (1) The RVP of the gasoline if subject to section 225-3.3 of this Subpart.
- (2) A designation of the appropriate time period(s) in which the gasoline is intended to be dispensed to motor vehicles
- (3) Written certification that the gasoline:
- (i) conforms with all RVP and oxygen content requirements of this Subpart; and
- (ii) is in compliance with all applicable State and Federal regulations which apply during the time period(s) specified pursuant to paragraph (3)of this subdivision.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 19: Compliance Demonstration** 

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 225-3.4 (b)

#### Item 19.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

The following records shall be provided with gasoline which is distributed from this facility:

- (1) A copy of the certification produced for paragraph (a)(3) of 6 NYCRR Part 225-3.4.
- (2) Documentation of the maximum RVP of the gasoline if the gasoline was subject to section 225-3.3 of this Subpart.



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- (3) Designation of the appropriate time period(s) in which the gasoline is intended to be dispensed to motor vehicles.
- (4) Documentation of the shipment quantity and the shipment date of the gasoline being distributed.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 20:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 225-3.4 (d)

#### Item 20.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

Facility is required to maintain records in one or more of the following subdivisions; 6 NYCRR Part 225-3.4(a), (b) or (c). The records must be made available to the commissioner or his or her representative, for inspection during normal business hours, at the location from which the gasoline was delivered, sold, or dispensed. The facility must furnish copies of these records to the commissioner or his or her representative upon request. Facility shall maintain all records and documentation required to be made or maintained in accordance with 6 NYCRR Part 225-3.4, including any calculations performed, for at least two years from date of delivery.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 21: Compliance Demonstration** 

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 229.4 (a)

#### Item 21.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 21.2:

Compliance Demonstration shall include the following monitoring:



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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

The owner and/or operator of a vapor collection and control system must follow notification requirements, protocol requirements and test procedures of 6 NYCRR Part 202 for testing and monitoring to determine compliance with the emission limits and control requirements required. Depending upon conditions at a test site, one of the following test methods from Appendix A of 40 CFR part 60 (see table 1, section 200.9) must be used to determine volatile organic compound (VOC) concentrations of a gas stream at the inlet and outlet of a control device:

- (1) Method 18, Measurement of Gaseous Organic Compound Emissions by Gas Chromatography.
- (2) Method 25, Determination of Total Gaseous Organic Emissions as Carbon.
- (3) Method 25A, Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer.
- (4) Methods not listed above must be approved in advance by the department's representative and the United States Environmental Protection Agency.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 22: Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 229.5 (a)

#### Item 22.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

The owner or operator of a facility containing any fixed roof or external floating roof petroleum liquid storage tank having a capacity equal to or greater than 40,000 gallons must maintain a record of the capacity, in gallons, of each such storage tank at the facility for a period of five years.



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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 23:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 229.5 (c)

#### Item 23.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 23.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any gasoline loading terminal having an average daily throughput of greater than 20,000 gallons of gasoline must maintain a record of the average daily gasoline throughput, in gallons, at the facility for a period of five years.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 24: Compliance date for an existing source

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11083(b), Subpart BBBBBB

#### Item 24.1:

An existing affected source must comply with the standards of this subpart no later than January 10, 2011.

**Condition 25:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11089, Subpart BBBBBB

#### Item 25.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner/operator of a bulk gasoline terminal, bulk plant, pipeline breakout station, or pipeline pumping station subject to the provisions of subpart BBBBB shall perform a monthly leak inspection of all equipment in

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gasoline service, as defined in §63.11100. For this inspection, detection methods incorporating sight, sound, and smell are acceptable.

A log book shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility.

Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak, except as provided in §63.11089(d).

Delay of repair of leaking equipment will be allowed if the repair is not feasible within 15 days. The owner or operator shall provide in the semiannual report specified in §63.11095(b), the reason(s) why the repair was not feasible and the date each repair was completed.

The facility must comply with the requirements of subpart BBBBBB by the applicable dates in §63.11083.

The facility must submit the applicable notifications as required under §63.11093.

The facility must keep records and submit reports as specified in §63.11094 and 63.11095.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 26: Notifications (63.11093 a-d)

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11093, Subpart BBBBBB

#### Item 26.1:

(a) Each owner/operator of an affected source under subpart BBBBB must submit an initial notification as specifiedin §63.9(b). If the facility is in compliance with the requirements of subpart BBBBB at the time the initial notification is due, the notification of compliance status required under (b) of this condition may be submitted in lieu of the initial notification.

(b) Each owner/operator of an affected source under subpart BBBBB must submit a notification of compliance status as specified in §63.9(h). The notification of compliance status must specify which of the compliance options included in table 1 of subpart BBBBB that is used to comply with the subpart.



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(c) Each owner/operator of an affected bulk gasoline terminal under subpart BBBBB must submit a notification of performance test, as specified in §63.9(e), prior to initiating testing required by §63.11092(a) or §63.11092(b).

(d) Each owner/operator of any affected source under subpart BBBBB must submit additional notifications specified in §63.9, as applicable.

#### **Condition 27:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11094(b), Subpart BBBBBB

#### Item 27.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

#### Item 27.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

The facility shall keep records of the test results for each gasoline cargo tank loading at the facility as specified below:

- 1) Annual certification testing performed under §63.11092(f)(1) and periodic railcar bubble leak testing performed under §63.11092(f)(2).
- 2) The documentation file shall be kept up-to-date for each gasoline cargo tank loading at the facility. The documentation for each test shall include, as a minimum, the following information:
- Name of Test: Annual Certification Test Method 27 or Periodic Railcar Bubble Leak Test Procedure.
- Cargo tank owner's name and address
- Cargo tank identification number
- Test location and date
- Tester name and signature
- Witnessing inspector, if any: name, signature, affiliation
- Vapor tightness repair: Nature of repair work and when performed in relation to vapor tightness testing
- Test results: Test pressure, pressure or vacuum change, mm of water; time period of test; number of leaks found with instrument; and leak definition
- 3) If the facility is complying with the alternative



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requirements in §63.11088(b), the facility must keep records documenting that the facility has verified the vapor tightness testing according to the requirements of EPA.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

**DESCRIPTION** 

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 28:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11094(c), Subpart BBBBBB

#### Item 28.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

#### Item 28.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in §63.11094(b), the facility may keep an electronic copy of each record which would be instantly available at the terminal. The copy of each record above must be an exact duplicate image of the original paper record with certifying signatures.

For facilities which use a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation must be made available (e.g., via facsimile) for inspection by EPA's or NYSDEC's delegated representatives during the course of a site visit, or within a mutually agreeable time frame.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 29: Compliance Demonstration** 

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11094(d), Subpart BBBBBB

Item 29.1:



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The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

#### Item 29.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

If the facility is subject to the equipment leak provisions of §63.11089, then the facility shall prepare and maintain a record describing the types, identification numbers, and locations of all equipment in gasoline service. For facilities electing to implement an instrument program under §63.11089, the record shall contain a full description of the program.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 30:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11094(e), Subpart BBBBBB

#### Item 30.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

#### Item 30.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

If the facility is subject to the requirements for equipment leak inspections in §63.11089, then the facility shall record in the log book for each leak that is detected, the information below:

- 1) The equipment type and identification number.
- 2) The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell).
- 3) The date the leak was detected and the date of each attempt to repair the leak.
- 4) Repair methods applied in each attempt to repair the
- 5) "Repair delayed" and the reason for the delay if the leak is not repaired within 15 calendar days after

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discovery of the leak.

6) The expected date of successful repair of the leak if the leak is not repaired within 15 days.

7) The date of successful repair of the leak.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 31: Compliance Demonstration** 

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11094(f), Subpart BBBBBB

#### Item 31.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

#### Item 31.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

The facility shall keep the following records:

- 1) Keep an up-to-date, readily accessible record of the continuous monitoring data required under \$63.11092(b) or \$63.11092(e). This record shall indicate the time intervals during which loadings of gasoline cargo tanks have occurred or, alternatively, shall record the operating parameter data only during such loadings. The date and time of day shall also be indicated at reasonable intervals on this record.
- 2) Record and report simultaneously with the Notification of Compliance Status required under §63.11093(b):
- All data and calculations, engineering assessments, and manufacturer's recommendations used in determining the operating parameter value under §63.11092(b) or §63.11092(e); and
- The following information when using a flare under provisions of §63.11(b) to comply with §63.11087(a):
- - Flare design (i.e., steam-assisted, air-assisted, or non-assisted); and
- - all visible emissions (VE) readings, heat content determinations, flow rate measurements, and exit velocity determinations made during the compliance determination required under §63.11092(e)(3).
- 3) Keep an up-to-date, readily accessible copy of the



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monitoring and inspection plan required under §63.11092(b)(1)(i)(B)(2) or §63.11092(b)(1)(iii)(B)(2).

- 4) Keep an up-to-date, readily accessible copy of all system malfunctions, as specified in §63.11092(b)(1)(i)(B)(2)(v) or §63.11092(b)(1)(iii)(B)(2)(v).
- 5) If the facility requests approval to use a vapor processing system or monitor an operating parameter other than those specified in §63.11092(b), the facility shall submit a description of planned reporting and recordkeeping procedures.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 32: Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11095(a), Subpart BBBBBB

#### Item 32.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

#### Item 32.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

Each facility with a bulk terminal or pipeline breakout station that is subject to control requirements of subpart BBBBB shall include in a semiannual compliance report the following information, as applicable:

- 1) For storage vessels, if the facility is complying with options 2(a), 2(b), or 2(c) in table 1 of subpart BBBBBB, the informations specified in §60.115b(a), §60.115b(b), or §60.115b(c), depending upon the control equipment installed, or, if the facility is complying with option 2(d) in table 1 of subpart BBBBBB, the information specified in §63.1066.
- 2) For loading racks, each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility.



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- 3) For equipment leak inspections, the number of equipment leaks not repaired within 15 days after detection.
- 4) For storage vessels complying with §63.11087(b) after January 10, 2011, the storage vessel's Notice of Compliance Status information can be included in the next semi-annual compliance report in lieu of filing a separate Notification of Compliance Status report under §63.11093.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR) Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

Subsequent reports are due every 6 calendar month(s).

Condition 33: Compliance Demonstration Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11095(b), Subpart BBBBBB

#### Item 33.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

#### Item 33.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

A facility that is subject to the control requirements in Subpart BBBBB, shall submit an excess emissions report to NYSDEC at the time the semiannual compliance report is submitted. Excess emissions events under subpart BBBBBB, and the information to be included in the excess emissions report, are as follows:

- 1) Each instance of a non-vapor-tight gasoline cargo tank loading at the facility in which the facility failed to take steps to assure that such cargo tank would not be reloaded at the facility before vapor tightness documentation for that cargo tank was obtained.
- 2) Each reloading of a non-vapor-tight gasoline cargo tank at the facility before vapor tightness documentation for that cargo tan is obtained by the facility in accordance with §63.11094(b).
- 3) Each exceedance or failure to maintain, as appropriate, the monitored operating parameter value determined under

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§63.11092(b). The report shall include the monitoring data for the days on which exceedances or failures to maintain have occurred, and a description and timing of the steps taken to repair or perform maintenance on the vapor collection and processing systems or the continuous monitoring system.

- 4) Each instance in which malfunctions discovered during the monitoring and inspections required under §63.11092(b)(1)(i)(B)(2) and (b)(1)(iii)(B)(2) were not resolved according to the necessary corrective actions described in the monitoring and inspection plan. The report shall include a description of the malfunction and the timing of the steps taken to correct the malfunction.
- 5) for each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection:
- the date on which the leak was detected;
- the date of each attempt to repair the leak;
- the reasons for the delay of repair; and
- the date of successful repair.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

Subsequent reports are due every 6 calendar month(s).

Condition 34: Waiver of semi annual excess emissions report Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11095(c), Subpart BBBBBB

#### Item 34.1:

Each bulk gasoline plant or a pipeline pumping station shall submit a semiannual excess emissions report, including the information specified in §63.11095(a)(3) and (b)(5), only for a 6-month period during which an excess emissions event has occurred. If no excess emission events have occurred during the previous 6-month period, no report is required.

Condition 35: Applicability of MACT General Provisions
Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement:40CFR 63.11098, Subpart BBBBBB

#### Item 35.1:

Table 3 of subpart BBBBB lists which parts of the general provisions in subpart A apply to the facility.



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\*\*\*\* Emission Unit Level \*\*\*\*

**Condition 36:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 230.6 (b)

Item 36.1:

The Compliance Demonstration activity will be performed for:

**Emission Unit: 1-LRACK** 

Item 36.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A copy of the most recent pressure-vacuum test results, in a form acceptable to the commissioner, must be kept

with the gasoline transport vehicle.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

**DESCRIPTION** 

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 37:** Emission limit

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 60.502(b), NSPS Subpart XX

Item 37.1:

This Condition applies to Emission Unit: 1-LRACK

Item 37.2:

Emissions from the vapor collection system must not exceed 35 milligrams of total organic compounds per liter of gasoline loaded.

**Condition 38:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 229.3 (d)

Item 38.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-LRACK

Process: GAS

Item 38.2:

Compliance Demonstration shall include the following monitoring:



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Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

The gasoline vapor collection and control systems must capture gasoline vapors during loading and unloading of gasoline transport vehicles and must condense, absorb, adsorb, or combust gasoline vapors so emissions do not exceed 0.67 pounds/1000 gallons.

Parameter Monitored: VOC

Upper Permit Limit: 0.67 pounds per 1000 gallons

Monitoring Frequency: PER DELIVERY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 39: Compliance Demonstration** 

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 229.3 (d)

#### Item 39.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-LRACK

Process: GAS

#### Item 39.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

No person may load gasoline into a gasoline transport vehicle at a gasoline loading terminal, unless the loading terminal is equipped with gasoline vapor collection and vapor control systems operating in good working order. A required vapor collection system consists of:

- i. hatch loading systems which include a loading arm with a vapor collection system adaptor, a vapor-tight seal between the adaptor and hatch, and a method of preventing drainage of liquid gasoline from the loading arm when it is removed from the hatch or for complete drainage of the loading arm before such removal;
- ii. bottom loading systems which include a connecting pipe or hose equipped with vapor-tight fittings that will automatically and immediately close upon disconnection to prevent release of gasoline vapors;
- iii. a connecting device between the gasoline transport vehicle and the dispensing equipment that interrupts the flow of gasoline to prevent overfilling and spillage; and



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iv. a system that prevents the flow of gasoline into gasoline transport vehicles unless the fuel product line and vapor collection system are both connected so as to prevent liquid product leaks and vapor loss.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 40:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 230.4 (a) (1)

#### Item 40.1:

The Compliance Demonstration activity will be performed for:

**Emission Unit: 1-LRACK** 

Process: GAS

#### Item 40.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No owner or operator of a gasoline transport vehicle subject to this Part will allow said vehicle to be filled or emptied unless the gasoline transport vehicle sustains a pressure change of not more than three inches of water in five minutes when pressurized to a gauge pressure of 18 inches of water and evacuated to a gauge pressure of six inches of water.

Manufacturer Name/Model Number: Gasoline Transport Vehicle

Parameter Monitored: PRESSURE CHANGE Upper Permit Limit: 3.0 inches of water

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 41: Repairs to gasoline transport vehicles

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 230.4 (a) (2)

Item 41.1:

This Condition applies to Emission Unit: 1-LRACK
Process: GAS

Item 41.2:

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No owner or operator of a gasoline transport vehicle subject to 6 NYCRR Part 230 will allow said vehicle to be filled or emptied unless the gasoline transport vehicle is repaired by the owner or operator within 15 days after failing to meet the pressure change standard in paragraph 230.4(a)(1) of 6 NYCRR Part 230.

**Condition 42:** Labelling of gasoline transport vehicles

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 230.4 (a) (3)

Item 42.1:

This Condition applies to Emission Unit: 1-LRACK
Process: GAS

#### Item 42.2:

No owner or operator of a gasoline transport vehicle subject to 6 NYCRR Part 230 will allow said vehicle to be filled or emptied unless the gasoline transport vehicle displays a marking, near the U.S. Department of Transportation certificate plate, in letters and numerals at least two inches high, which reads: NYS DEC and the date on which the gasoline transport vehicle was last tested.

**Condition 43:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 230.4 (b)

#### Item 43.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-LRACK

Process: GAS

#### Item 43.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

All gasoline transport vehicles subject to this Part must be tested annually by the owner or his agent, using test methods acceptable to the commissioner. If the pressure-vacuum test does not show compliance with the pressure change standard, the gasoline transport vehicle must be repaired to make the tank vapor-tight, and retested.

Parameter Monitored: PRESSURE CHANGE Upper Permit Limit: 3.0 inches of water Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 44: Leak limit



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#### Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 230.4 (e)

Item 44.1:

This Condition applies to Emission Unit: 1-LRACK

Process: GAS

#### Item 44.2:

Leakage of vapors from any component of the gasoline transport vehicle or the vapor collection and control system must not equal or exceed 100 percent of the lower explosive limit measured as propane during the loading of a gasoline transport vehicle. No avoidable visible liquid leak from such components is allowed, including all piping, seals, hoses, connections, pressure-vacuum seals, and other possible leak sources.

**Condition 45:** Loading pressure

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 230.4 (f)

Item 45.1:

This Condition applies to Emission Unit: 1-LRACK

Process: GAS

Item 45.2:

Gasoline must not be loaded under a gauge pressure exceeding 18 inches of water.

**Condition 46:** Dome covers

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 230.4 (g)

Item 46.1:

This Condition applies to Emission Unit: 1-LRACK

Process: GAS

Item 46.2:

Dome covers on gasoline transport vehicles must be closed while the transport vehicle is being loaded.

**Condition 47: Compliance Demonstration** 

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 230.6 (a)

Item 47.1:

The Compliance Demonstration activity will be performed for:

**Emission Unit: 1-LRACK** 

Process: GAS

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#### Item 47.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

The owner of any gasoline transport vehicle subject to this Part must maintain records of pressure-vacuum testings and repairs. The records must include the identity of the gasoline transport vehicle, the results of the testing, the date that the testing and repairs, as needed, were done, the nature of needed repairs and the date of retests where appropriate.

Testing records must be retained for two years and must be made available to the Department on request at any reasonable time.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 48: Compliance Demonstration** 

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 230.6 (c)

#### Item 48.1:

The Compliance Demonstration activity will be performed for:

**Emission Unit: 1-LRACK** 

Process: GAS

#### Item 48.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

Records acceptable to the commissioner must be retained for two years after the testing occurred, and must be made available to the commissioner or his representative on request at any reasonable time.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 49: Compliance Demonstration** 

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 60.502(d), NSPS Subpart XX



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#### Item 49.1:

The Compliance Demonstration activity will be performed for:

**Emission Unit: 1-LRACK** 

Process: GAS

#### Item 49.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each vapor collection system shall be designed to prevent any total organic compounds vapors collected at one loading rack from passing to another loading rack.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

**DESCRIPTION** 

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 50:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 60.502(e), NSPS Subpart XX

#### Item 50.1:

The Compliance Demonstration activity will be performed for:

**Emission Unit: 1-LRACK** 

Process: GAS

#### Item 50.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

Loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:

- 1. The owner or operator shall obtain the vapor tightness documentation described in paragraph 60.505(b) of 40 CFR 60.500 Subpart XX for each gasoline tank truck which is to be loaded at the facility.
- 2. The owner or operator shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the facility.
- 3. The owner or operator shall cross-check each tank identification number recorded per item 2 above with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded.



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- 4. The terminal owner or operator shall notify the owner or operator of each nonvapor-tight gasoline tank truck loaded at the facility within 1 week after the documentation cross-check (Item #3).
- 5. The terminal owner or operator shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the facility until vapor tightness documentation for that tank is obtained.

In addition, the terminal owner or operator shall keep documentation of all notifications required under item 4 above on file at the terminal for at least 5 years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

**DESCRIPTION** 

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 51: Truck loading compatibility

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 60.502(f), NSPS Subpart XX

Item 51.1:

This Condition applies to Emission Unit: 1-LRACK

Process: GAS

#### Item 51.2:

Gasoline loading limited to trucks with vapor collection equipment which is compatible with the terminal vapor collection system.

Condition 52: Vapor collection connection required

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 60.502(g), NSPS Subpart XX

Item 52.1:

This Condition applies to Emission Unit: 1-LRACK

Process: GAS

Item 52.2:

The terminal and tank truck vapor collection systems must be connected during gasoline loading.

**Condition 53:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 60.502(h), NSPS Subpart XX



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#### Item 53.1:

The Compliance Demonstration activity will be performed for:

**Emission Unit: 1-LRACK** 

Process: GAS

#### Item 53.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals (450 millimeters of water) during product loading.

Parameter Monitored: PRESSURE

Upper Permit Limit: 450 millimeters of water Reference Test Method: 40 CFR 60.503(d)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

**DESCRIPTION** 

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY

TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 54:** Vent pressure limit

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 60.502(i), NSPS Subpart XX

#### Item 54.1:

This Condition applies to Emission Unit: 1-LRACK
Process: GAS

#### Item 54.2:

No pressure-vacuum vent in the terminal vapor collection system shall begin to open at a pressure less than 4,500 pascals.

**Condition 55:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 60.502(j), NSPS Subpart XX

#### Item 55.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-LRACK

Process: GAS



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Regulated Contaminant(s):

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#### Item 55.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compound liquid or vapor leaks. Detection methods incorporating sight, sound, or smell are acceptible. Each detection of a leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected.

Monthly terminal leak inspection records must be retained at the terminal for at least 5 years. Inspection records shall include, as a minimum, the following:

- 1. Inspection date
- 2. Findings (may indicate no leaks discovered; or location, nature, and severity of each leak).
- 3. Leak determination method
- 4. Corrective action (date each leak repaired; reasons for any repair interval in excess of 15 days).
- 5. Inspector name and signature.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 56:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 60.505(b), NSPS Subpart XX

#### Item 56.1:

The Compliance Demonstration activity will be performed for:

**Emission Unit: 1-LRACK** 

Process: GAS

#### Item 56.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:



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Loadings of liquid product into gasoline tank trucks shall be limited to those gasoline tank trucks which have had their vapor tightness properly documented. The tank truck vapor tightness documentation shall be kept on file at the terminal in a permanent form available for inspection. The documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. This documentation shall include, as a minimum, the following information:

- (1) Test title: Gasoline Delivery Tank Pressure Test--EPA Reference Method 27.
- (2) Tank owner and address.
- (3) Tank identification number.
- (4) Testing location.
- (5) Date of test.
- (6) Tester name and signature.
- (7) Witnessing inspector, if any: Name, signature, and affiliation
- (8) Test results: Actual pressure change in 5 minutes, mm of water (average for 2 runs).

[NOTE: As an alternative to keeping records at the terminal of each gasoline cargo tank test result, 40 CFR 60.505(e) the facility may comply with the requirements in either paragraph (1) or (2) below:

- (1) An electronic copy of each record is instantly available at the terminal.
- (i) The copy of each record is an exact duplicate image of the original paper record with certifying signatures.
- (ii) The department is notified in writing that the each terminal using this alternative is in compliance with the recordkeeping requirements of 40 CFR 60.505.
- (2) For facilities that utilize a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation is made available (e.g., via facsimile) for inspection by department representatives during the

course of a site visit, or within a mutually agreeable time frame.

- (i) The copy of each record is an exact duplicate image of the original paper record with certifying signatures.
- (ii) The permitting authority is notified in writing that each terminal using this alternative is in compliance with with the recordkeeping requirements of 40 CFR 60.505.



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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 57:** Operation and Maintenance of Flares

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11(b)(1), Subpart A

Item 57.1:

This Condition applies to Emission Unit: 1-LRACK Process: GAS

Item 57.2:

Owners or operators using flares to comply with the provisions of Part 63 shall monitor these control devices to assure that they are operated and maintained in conformance with their designs. Applicable subparts will provide provisions stating how owners or operators using flares shall monitor these control devices.

**Condition 58:** Flare Types

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11(b)(2), Subpart A

Item 58.1:

This Condition applies to Emission Unit: 1-LRACK

Process: GAS

Item 58.2:

Flares shall be steam-assisted, air-assisted, or non-assisted

**Condition 59:** Flare Operation

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11(b)(3), Subpart A

Item 59.1:

This Condition applies to Emission Unit: 1-LRACK

Process: GAS

Item 59.2:

Flares shall be operated at all times when emissions may be vented to them

**Condition 60:** Flare Emissions

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement:40CFR 63.11(b)(4), Subpart A

Item 60.1:

This Condition applies to Emission Unit: 1-LRACK

Process: GAS



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#### Item 60.2:

Flares shall be designed for and operated with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours. Test Method 22 in appendix A of part 60 of this chapter shall be used to determine the compliance of flares with the visible emission provisions of part 63. The observation period is 2 hours and shall be used according to Method 22.

**Condition 61:** Pilot Flame Requirement

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11(b)(5), Subpart A

Item 61.1:

This Condition applies to Emission Unit: 1-LRACK

Process: GAS

Item 61.2:

Flares shall be operated with a flame present at all times. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame.

**Condition 62:** Flare Exit Velocity

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11(b)(6)(i), Subpart A

Item 62.1:

This Condition applies to Emission Unit: 1-LRACK

Process: GAS

#### Item 62.2:

An owner/operator has the choice of adhering to the heat content specifications in 40 CFR 63.11(b)(6)(ii), and the maximum tip velocity specifications in 40 CFR 63.11(b)(7) or (b)(8), or adhering to the requirements in 40 CFR 63.11(b)(6)(i).

(i)(A) Flares shall be used that have a diameter of 3 inches or greater, are nonassisted, have a hydrogen content of 8.0 percent (by volume) or greater, and are designed for and operated with an exit velocity less than 37.2 m/sec (122 ft/sec) and less than the velocity  $V_{max}$ , as determined by the following equation:

 $V_{max} = (X_{H2} - K_1) * K_2$ 

Where:

V<sub>max</sub>=Maximum permitted velocity, m/sec.

K<sub>1</sub>=Constant, 6.0 volume-percent hydrogen.

K<sub>2</sub>=Constant, 3.9(m/sec)/volume-percent hydrogen.

X<sub>H2</sub>=The volume-percent of hydrogen, on a wet basis, as calculated by using the American Society for Testing and Materials (ASTM) Method D1946–77. (Incorporated by reference as specified in 40 CFR 63.14)



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(B) The actual exit velocity of a flare shall be determined by the method specified in 40 CFR 63.11(b)(7)(i).

**Condition 63:** Flare Heat Content

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement:40CFR 63.11(b)(6)(ii), Subpart A

#### Item 63.1:

This Condition applies to Emission Unit: 1-LRACK
Process: GAS

#### Item 63.2:

An owner/operator has the choice of adhering to the heat content specifications in 40 CFR 63.11(b)(6)(ii), and the maximum tip velocity specifications in 40 CFR 63.11(b)(7) or (b)(8), or adhering to the requirements in 40 CFR 63.11(b)(6)(i).

(ii) Flares shall be used only with the net heating value of the gas being combusted at 11.2 MJ/scm (300 Btu/scf) or greater if the flare is steam-assisted or air-assisted; or with the net heating value of the gas being combusted at 7.45 MJ/scm (200 Btu/scf) or greater if the flares is non-assisted. The net heating value of the gas being combusted in a flare shall be calculated using the following equation:

$$H_{T} = K \sum_{i=1}^{n} C_{i} H_{i}$$

#### Where:

 $H_T$ =Net heating value of the sample, MJ/scm; where the net enthalpy per mole of offgas is based on combustion at 25 °C and 760 mm Hg, but the standard temperature for determining the volume corresponding to one mole is 20 °C.

$$K=Constant=$$
 1.740 × 10<sup>-7</sup>  $\left(\frac{1}{ppmv}\right)\left(\frac{g-mole}{scm}\right)\left(\frac{MJ}{kcal}\right)$ 

where the standard temperature for (g-mole/scm) is 20 °C.

C<sub>i</sub>=Concentration of sample component i in ppmv on a wet basis, as measured for organics by Test Method 18 and measured for hydrogen and carbon monoxide by American Society for Testing and Materials (ASTM) D1946–77 or 90 (Reapproved 1994) (incorporated by reference as specified in 40 CFR 63.14).

 $H_i$ =Net heat of combustion of sample component i, kcal/g-mole at 25 °C and 760 mm Hg. The heats of combustion may be determined using ASTM D2382-76 or 88 or D4809-95 (incorporated by reference as specified in 40 CFR 63.14) if published values are not available or cannot be calculated.

n=Number of sample components.

Condition 64: Flare Exit Velocity for Steam-Assisted and Nonassisted Flares

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11(b)(7)(i), Subpart A

#### Item 64.1:



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This Condition applies to Emission Unit: 1-LRACK

Process: GAS

#### Item 64.2:

Steam-assisted and nonassisted flares shall be designed for and operated with an exit velocity less than 18.3 m/sec (60 ft/sec), except as provided in 40 CFR 63.11(b)(7)(ii) and (iii). The actual exit velocity of a flare shall be determined by dividing by the volumetric flow rate of gas being combusted (in units of emission standard temperature and pressure), as determined by Test Method 2, 2A, 2C, or 2D in appendix A to 40 CFR part 60 of this chapter, as appropriate, by the unobstructed (free) cross-sectional area of the flare tip.

Condition 65: Flare Exit Velocity for Steam-Assisted and Nonassisted Flares

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement:40CFR 63.11(b)(7)(ii), Subpart A

Item 65.1:

This Condition applies to Emission Unit: 1-LRACK

Process: GAS

#### Item 65.2:

Steam-assisted and nonassisted flares designed for and operated with an exit velocity, as determined by the method specified in 40 CFR 63.11(b)(7)(i), equal to or greater than 18.3 m/sec (60 ft/sec) but less than 122 m/sec (400 ft/sec), are allowed if the net heating value of the gas being combusted is greater than 37.3 MJ/scm (1,000 Btu/scf).

Condition 66: Flare Exit Velocity for Steam-Assisted and Nonassisted Flares

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement:40CFR 63.11(b)(7)(iii), Subpart A

Item 66.1:

This Condition applies to Emission Unit: 1-LRACK
Process: GAS

#### Item 66.2:

Steam-assisted and nonassisted flares designed for and operated with an exit velocity, as determined by the method specified in 40 CFR 63.11(b)(7)(i), less than the velocity  $V_{max}$ , as determined by the method specified in this paragraph, but less than 122 m/sec (400 ft/sec) are allowed. The maximum permitted velocity,  $V_{max}$ , for flares complying with this paragraph shall be determined by the following equation:

 $Log_{10}(V_{max})=(H_T+28.8)/31.7$ 

Where:

V<sub>max</sub>=Maximum permitted velocity, m/sec.

28.8=Constant.

31.7=Constant.

H<sub>T</sub>=The net heating value as determined in 40 CFR 63.11(b)(6)

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Condition 70: Flare Exit Velocity for Air-Assisted Flares

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11(b)(8), Subpart A

Item 70.1:

This Condition applies to Emission Unit: 1-LRACK
Process: GAS

Item 70.2:

Air-assisted flares shall be designed and operated with an exit velocity less than the velocity  $V_{max}$ . The maximum permitted velocity,  $V_{max}$ , for air-assisted flares shall be determined by the following equation:

 $V_{max} = 8.71 + 0.708(H_T)$ 

Where:

V<sub>max</sub>=Maximum permitted velocity, m/sec.

8.71=Constant. 0.708=Constant.

H<sub>T</sub>=The net heating value as determined in 40 CFR 63.11(b)(6)(ii)

**Condition 67:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement:40CFR 63.11088, Subpart BBBBBB

#### Item 67.1:

The Compliance Demonstration activity will be performed for:

**Emission Unit: 1-LRACK** 

Process: GAS

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

#### Item 67.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

The owner and/or operator of a gasoline loading rack having a throughput of greater than or equal to 250,000 gallons/day, shall be subject to the following requirements:

- a) Equip the loading rack(s) with a vapor collection system designed to collect the TOC vapors displaced from cargo tanks during product loading; and
- b) Reduce emissions of TOC to less than or equal to 80

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mg/l of gasoline loaded into gasoline cargo tanks at the loading rack; and

- c) Design and operate the vapor collection system to prevent any TOC vapors collected at one loading rack from passing to another loading rack; and
- d) Limit the loading of gasoline into gasoline cargo tanks that are vapor tight using the procedures specified in \$60.502(e)-(j). For the purposes of this condition, the term "tank truck' as used in \$60.502(e)-(j) means "cargo tank" as defined in subpart BBBBB in \$63.11100.

The facility shall comply with the requirements of subpart BBBBBB by the applicable dates specified in \$63.11083.

The facility must comply with the testing and monitoring requirements specified in §63.11092(a).

The facility must keep records and submit reports as specified in §63.11094 and 11095.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

Subsequent reports are due every 6 calendar month(s).

**Condition 68:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement:40CFR 63.11092(a)(4), Subpart

#### **BBBBBB**

#### Item 68.1:

The Compliance Demonstration activity will be performed for:

**Emission Unit: 1-LRACK** 

Process: GAS

#### Item 68.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

The performance test requirements of §63.11092(a) do not apply to flares defined in §63.11100 and meeting the flare requirements in §63.11(b). The owner or operator shall demonstrate that the flare and associated vapor collection system is in compliance with the requirements in §63.11(b) and 40 CFR 60.503(a), (b), and (d).



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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 69: Compliance Demonstration** 

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement:40CFR 63.11092(b)(2), Subpart

**BBBBBB** 

Item 69.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-LRACK

Process: GAS

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 69.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each performance test conducted under §63.11092(a)(1), the facility shall determine a monitored operating parameter value for the vapor processing system using the procedures below.

If the facility is using a flare meeting the requirements of §63.11(b), then the facility shall install a heat-sensing device, such as an ultraviolet beam sensor or a thermocouple, which must be installed in proximity to the pilot light to indicate the presence of a flame.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 71:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 6 NYCRR 229.3 (a)

Item 71.1:

The Compliance Demonstration activity will be performed for:

**Emission Unit: 1-TANKS** 

Item 71.2:

Compliance Demonstration shall include the following monitoring:



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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

No person may store petroleum liquid in a fixed roof tank subject to Part 229 unless:

- 1. the tank has been retrofitted with an internal floating roof or equivalent control; and
- 2. the vapor collection and vapor control systems are maintained and operated in such a way as to ensure the integrity and efficiency of the system.

The permittee must visually inspect the vapor collection and control systems every calendar quarter to ensure compliance with the above.

The permittee must visually inspect the floating roof and secondary seals from the tank roof hatch on an annual basis.

Records of all inspections must be maintained on site for a period of five years. Inspection records shall contain the date(s) of all inspections, inspection findings and a listing of all equipment repairs or replacements.

Reference Test Method: Visual

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

**DESCRIPTION** 

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 72:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement:40CFR 63.11087, Subpart BBBBBB

#### Item 72.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-TANKS

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

#### Item 72.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

A facility which owns or operates a gasoline storage tank subject to this subpart and having a capacity equal to or exceeding 75 cubic meters shall equip each internal floating roof gasoline storage tank according to the



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> requirements in §60.112b(a)(1), except for the secondary seal requirements under §60.112b(a)(1)(ii)(B) and the requirements in §60.112b(a)(1)(iv)-(ix). The facility shall comply with the requirements of subpart BBBBB by the applicable dates specified in §63.11083, except that if a storage vessel with a floating roof is not meeting the requirements of §63.11087(a) it must be in compliance at the first degassing and cleaning activity after January 10, 2011 or by January 10, 2018, whichever is first. The facility must comply with the testing and monitoring requirements specified in §63.11092(e)(1). Finally, the facility shall submit the following information as required in 40 CFR Part 60.115b(a):

- (1) Furnish the Administrator with a report that describes the control equipment and certifies that the control equipment meets the specifications of §60.112b(a)(1) and §60.113b(a)(1). This report shall be an attachment to the notification required by §60.7(a)(3).
- (2) Keep a record of each inspection performed as required by §60.113b (a)(1), (a)(2), (a)(3), and (a)(4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).
- (3) If any of the conditions described in §60.113b(a)(2) are detected during the annual visual inspection required by §60.113b(a)(2), a report shall be furnished to the Administrator within 30 days of the inspection. Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made.
- (4) After each inspection required by §60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in §60.113b(a)(3)(ii), a report shall be furnished to the Administrator within 30 days of the inspection. The report shall identify the storage vessel and the reason it did not meet the specifications of §61.112b(a)(1) or §60.113b(a)(3) and list each repair made.
- (5) If a gasoline storage tank is subject to, and in compliance with, the control requirements of 40 CFR Part 60, subpart Kb, the storage tank will be deemed in compliance with this section. This determination must be reported in the Notification of Compliance Status report under §63.11093(b).



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These records are to be maintained for a minimum of 5 years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

Subsequent reports are due every 6 calendar month(s).

**Condition 73: Compliance Demonstration** 

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement:40CFR 63.11092(e)(1), Subpart

#### **BBBBBB**

#### Item 73.1:

The Compliance Demonstration activity will be performed for:

**Emission Unit: 1-TANKS** 

#### Item 73.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

Each owner/operator subject to the emission standard in §63.11087 for gasoline storage tanks that are equipped with an internal floating roof shall perform inspections of the floating roof system according to the requirements of §60.113b(a) if the facility is complying with option 2(b) of table 1 of subpart BBBBBB. If the facility is complying with option 2(d) of table 1 of subpart BBBBBB, then the facility shall comply with the requirements in §63.1063(c)(1).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 74:** Compliance Demonstration

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable Federal Requirement: 40CFR 63.11094(a), Subpart BBBBBB

#### Item 74.1:

The Compliance Demonstration activity will be performed for:

**Emission Unit: 1-TANKS** 

#### Item 74.2:



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Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

Each owner or operator of a bulk gasoline terminal or pipeline breakout station whose storage vessels are subject to the provisions of this subpart shall keep records as specified in 40CFR 60.115b if complying with options 2(a), 2(b), or 2(c) in Table 1 to subpart BBBBBB, except records shall be kept for at least 5 years. If complying with the requirements of option 2(d) in Table 1 to subpart BBBBBB, records shall be kept as specified in 40CFR 63.1065.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



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# STATE ONLY ENFORCEABLE CONDITIONS \*\*\*\* Facility Level \*\*\*\*

#### NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

# Item A: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

# Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

#### STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

**Condition 75:** Contaminant List

Effective between the dates of 03/18/2014 and 03/17/2024

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#### Applicable State Requirement: ECL 19-0301

#### Item 75.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000071-43-2 Name: BENZENE

CAS No: 000100-41-4 Name: ETHYLBENZENE

CAS No: 000108-88-3 Name: TOLUENE

CAS No: 000110-54-3 Name: HEXANE

CAS No: 000540-84-1

Name: PENTANE, 2,2,4-TRIMETHYL-

CAS No: 001330-20-7

Name: XYLENE, M, O & P MIXT.

CAS No: 0NY100-00-0 Name: TOTAL HAP

CAS No: 0NY998-00-0

Name: VOC

Condition 76: Malfunctions and start-up/shutdown activities

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable State Requirement: 6 NYCRR 201-1.4

#### Item 76.1:

- (a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.
- (b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not



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submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

- (c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.
- (d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.
- (e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

#### **Condition 77:** Emission Unit Definition

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable State Requirement: 6 NYCRR Subpart 201-5

#### Item 77.1:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 1-LRACK Emission Unit Description:

Four bay truck loading rack. Bottom loading bay for gasoline and ethanol loading into trucks connected to vapor burn off unit. Bottom loading bay for distillate, including jet fuel, kerosene, and transmix, loading into trucks. Two top loading bays for distillate loading into trucks.

#### Item 77.2:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 1-TANKS Emission Unit Description:

Tanks 101 and 106 equipment with internal floating roofs.

#### Item 77.3:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 2-TANKS Emission Unit Description:

Tanks 111 and 112 fixed roof tanks for ethanol storage.

Condition 78: Renewal deadlines for state facility permits
Effective between the dates of 03/18/2014 and 03/17/2024



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#### Applicable State Requirement: 6 NYCRR 201-5.2 (c)

#### Item 78.1:

The owner or operator of a facility having an issued state facility permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

**Condition 79: Compliance Demonstration** 

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable State Requirement: 6 NYCRR 201-5.3 (c)

#### Item 79.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 79.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources NYS Dept. of Environmental Conservation Region 8 6274 East Avon-Lima Rd. Avon, NY 14414

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

**DESCRIPTION** 

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 80: Visible Emissions Limited

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable State Requirement: 6 NYCRR 211.2

#### Item 80.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

**Condition 81: Idling of Diesel Trucks Limited** 

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable State Requirement: 6 NYCRR 217-3.2

Item 81.1:



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No person who owns, operates or leases a bus or truck, the motive power for which is provided by a diesel engine or who owns, leases or occupies land and has the actual or apparent dominion or control over the operation of a bus or truck present on such land, the motive power for which said bus or truck is provided by a diesel engine, shall allow or permit the diesel engine of such bus or truck to idle for more than five consecutive minutes when the bus or truck is not in motion, except as otherwise permitted by 6 NYCRR Subpart 217-3.3.

\*\*\*\* Emission Unit Level \*\*\*\*

**Condition 82:** Emission Point Definition By Emission Unit

Effective between the dates of 03/18/2014 and 03/17/2024

Applicable State Requirement: 6 NYCRR Subpart 201-5

#### Item 82.1:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-LRACK

Emission Point: 00001

Height (ft.): 30 Diameter (in.): 16 NYTMN (km.): 4782.335 NYTME (km.): 282.337

#### Item 82.2:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-TANKS

Emission Point: TK101

Height (ft.): 48 Diameter (in.): 8

NYTMN (km.): 4782.335 NYTME (km.): 282.337

Emission Point: TK106

Height (ft.): 48 Diameter (in.): 8

NYTMN (km.): 4782.335 NYTME (km.): 282.337

#### Item 82.3:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 2-TANKS

Emission Point: TK111

Height (ft.): 36 Diameter (in.): 6

NYTMN (km.): 4782.335 NYTME (km.): 282.337

Emission Point: TK112

Height (ft.): 36 Diameter (in.): 6 NYTMN (km.): 4782.335 NYTME (km.): 282.337

**Condition 83:** Process Definition By Emission Unit

Effective between the dates of 03/18/2014 and 03/17/2024



Permit ID: 8-2626-00070/00009 Facility DEC ID: 8262600070

#### Applicable State Requirement: 6 NYCRR Subpart 201-5

#### Item 83.1:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-LRACK

Process: GAS Source Classification Code: 4-04-001-50

Process Description:

Emissions associated with loading of gas/ethanol into

trucks.

Emission Source/Control: BLR01 - Control

Control Type: FLARING

Emission Source/Control: BLR02 - Process

#### Item 83.2:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-LRACK

Process: RDL Source Classification Code: 4-04-001-50

Process Description:

Emissions associated with loading of distillates into

trucks.

Emission Source/Control: BLR02 - Process

#### Item 83.3:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-TANKS

Process: TKN Source Classification Code: 4-04-001-60

Process Description:

This process includes Tanks 101 and 106 that store

gasoline.

Emission Source/Control: TK101 - Process

Emission Source/Control: TK106 - Process

#### Item 83.4:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 2-TANKS

Process: ETH Source Classification Code: 4-07-008-98

Process Description:

This process includes tanks 111 and 112 that store fuel

ethanol.

Emission Source/Control: TK111 - Process



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Emission Source/Control: TK112 - Process



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