Facility DEC ID: 7353200053

# PERMIT Under the Environmental Conservation Law (ECL)

# **IDENTIFICATION INFORMATION**

Permit Type: Air State Facility Permit ID: 7-3532-00053/00011

Effective Date: 12/22/2016 Expiration Date: 12/21/2026

Permit Issued To:BUCKEYE TERMINALS LLC

9999 HAMILTON BLVD - TEK PARK 5

**BREINIGSVILLE, PA 18031** 

Contact: DUSTY L LAWRENCE

BUCKEYE TERMINALS LLC

PO BOX 97

BREWERTON, NY 13029

Facility: BUCKEYE BREWERTON TERMINAL

CO RTE 37 - N SIDE - W OF TRACKS|RIVER RD

BREWERTON, NY 13029

# Description:

This permit authorizes the operation of the Buckeye Brewerton terminal, requires compliance with 40 CFR Part 63, Subpart BBBBB, imposes annual emission caps and allows the conversion of Tank 1 from distillate storage to gasoline storage.

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:	ELIZABETH A TRACY	
	615 ERIE BLVD WEST	

SYRACUSE, NY 13204-2400

Authorized Signature:	Date:	/ ,	/



# New York State Department of Environmental Conservation Facility DEC ID: 7353200053

# **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.



# New York State Department of Environmental Conservation Facility DEC ID: 7353200053

# 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 7 HEADQUARTERS

Facility DEC ID: 7353200053

# 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.

# Item3.2:

The permittee must submit a renewal application at least 180 days before the expiration of permits for Title V and 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.



Facility DEC ID: 7353200053

# 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 7
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 7 Headquarters Division of Environmental Permits 615 Erie Blvd West Syracuse, NY 13204-2400 (315) 426-7400



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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:BUCKEYE TERMINALS LLC 9999 HAMILTON BLVD - TEK PARK 5 BREINIGSVILLE, PA 18031

Facility: BUCKEYE BREWERTON TERMINAL

CO RTE 37 - N SIDE - W OF TRACKS|RIVER RD

BREWERTON, NY 13029

Authorized Activity By Standard Industrial Classification Code: 4226 - SPECIAL WAREHOUSING & STORAGE

Permit Effective Date: 12/22/2016 Permit Expiration Date: 12/21/2026



Permit ID: 7-3532-00053/00011 Facility DEC ID: 7353200053

## LIST OF CONDITIONS

# FEDERALLY ENFORCEABLE CONDITIONS Facility Level

- 1 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- \*2 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*3 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*4 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 5 6 NYCRR 211.1: Air pollution prohibited
- 6 6 NYCRR 225-3.3 (a): Compliance Demonstration
- 7 6 NYCRR 225-4.3: Compliance Demonstration
- 8 6 NYCRR 229.5: Compliance Demonstration
- 9 40CFR 60.505(f), NSPS Subpart XX: Compliance Demonstration
- 10 40CFR 63.11085, Subpart BBBBBB: Compliance Demonstration
- 11 40CFR 63.11089, Subpart BBBBBB: Compliance Demonstration
- 12 40CFR 63.11089, Subpart BBBBBB: Compliance Demonstration
- 13 40CFR 63.11094, Subpart BBBBBB: Compliance Demonstration
- 14 40CFR 63.11095(a), Subpart BBBBBB: Compliance Demonstration
- 15 40CFR 63.11095(b), Subpart BBBBBB: Compliance Demonstration
- 16 40CFR 63.11095(d), Subpart BBBBBB: Compliance Demonstration
- 17 40CFR 63.11098, Subpart BBBBBB: Applicability of MACT General Provisions

## **Emission Unit Level**

# EU=0-00001

- 18 6 NYCRR 229.3 (d): Compliance Demonstration
- 19 40CFR 63.11088, Subpart BBBBBB: Compliance Demonstration
- 20 40CFR 63.11092(b)(1)(i)('A'), Subpart BBBBBB: Compliance Demonstration

# EU=0-00002

21 40CFR 63.11087, Subpart BBBBBB: Compliance Demonstration

## EU=0-00002,EP=0T001

22 40CFR 60.113b(a), NSPS Subpart Kb: Compliance Demonstration

# STATE ONLY ENFORCEABLE CONDITIONS Facility Level

- 23 ECL 19-0301: Contaminant List
- 24 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 25 6 NYCRR Subpart 201-5: Emission Unit Definition
- 26 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 27 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 28 6 NYCRR 211.2: Visible Emissions Limited
- 29 6 NYCRR 212-2.1: Compliance Demonstration
- 30 6 NYCRR 225-3.4: Compliance Demonstration

# **Emission Unit Level**

- 31 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 32 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,



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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: 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 F: 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 G: 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 H: Proof of Eligibility for Sources Defined as Trivial



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# 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 I: Required Emission Tests - 6 NYCRR 202-1.1

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 J: 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 K: 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 L: Federally Enforceable Requirements - 40 CFR 70.6 (b)

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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: Facility Permissible Emissions** 

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

## Item 1.1:

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: 98,000 pounds per year

Name: VOC

**Condition 2: Capping Monitoring Condition** 

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

# Item 2.1:

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

# Item 2.2:

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

# Item 2.3:

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

Permit ID: 7-3532-00053/00011 Facility DEC ID: 7353200053

other state and federal air pollution control requirements, regulations or law.

# Item 2.4:

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 2.5:

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 2.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

### Item 2.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC

**OPERATIONS** 

Monitoring Description:

- 1. The total throughput of distillate fuel shall not exceed 300,000,000 gallons per 12 calendar month rolling period.
- 2. The facility shall record the amount of distillate fuel received on a real time basis, and tally the quantity on a monthly basis.
- 3. The facility shall report, on a calendar year basis, the amount of distillate fuel received each month and each 12 month rolling period. The facility shall also report, no later than 30 days after such occurrence, each time the facility receives in excess of 300,000,000 gallons of distillate fuel for each 12 calendar month period.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: DISTILLATES

Upper Permit Limit: 300,000,000 gallons per year

Monitoring Frequency: PER DELIVERY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

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



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**Condition 3: Capping Monitoring Condition** 

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

### Item 3.1:

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

### Item 3.2:

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

## Item 3.3:

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 3.4:

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 3.5:

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 3.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

# Item 3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: MONITORING OF PROCESS OR CONTROL

DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

This condition limits annual emissions of VOCs. By



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limiting VOCs, emissions of HAPs are also limited to less than the major source thresholds.

- 1. Facility-wide emissions of VOC shall not exceed 49 tons per 12 consecutive calendar month period.
- 2. VOC emissions shall be computed for storage tanks, loading racks (including the carbon adsorber and back-up oxidizer), and equipment leaks.
- 3. VOC emissions from the storage tanks shall be computed using (i) emission factors from EPA's AP-42, Compilation of Air Pollutant Emission Factors (which may include the TANKS program), (ii) API published factors, or (iii) site-specific emission factors.
- 4. VOC emissions from equipment leaks shall be computed using (i) emission factors from EPA's AP-42, Compilation of Air Pollutant Emission Factors, (ii) API published factors, or (iii) site-specific emission factors.
- 5. VOC emissions from the loading racks shall be computed using (i) allowable emission rates, or (ii) site-specific emission factors based on emissions testing.
- 6. Vapors displaced while loading diesel fuel into gasoline transport vehicles must be captured and controlled. either by the carbon adsorption system or the oxidizer system.
- 7. No later than 180 days after actual VOC emissions equal or exceed 39 tons per year, the owner or operator shall submit to the Department procedures to verify the emission factors used by the applicant, or procedures to determine site-specific emission factors.
- 8. No later than 90 days after actual VOC emissions equal or exceed 39 tons per year, the owner or operator shall submit to the Department procedures to minimize equipment leaks, including the use of infra-red camera technology.
- 9. The facility shall report, on a calendar year basis, the amount of VOC emitted each month and each 12 month rolling period. The facility shall also report, no later than 30 days after such occurrence, each time the facility emits in excess of 49 tons of VOC for each 12 calendar month period.

Parameter Monitored: VOC

Upper Permit Limit: 49 tons per year



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Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

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

**Condition 4: Capping Monitoring Condition** 

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

### Item 4.1:

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

# Item 4.2:

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

# Item 4.3:

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 4.4:

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 4.5:**

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 4.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

## Item 4.7:

Compliance Demonstration shall include the following monitoring:

Permit ID: 7-3532-00053/00011 Facility DEC ID: 7353200053

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

- 1. The total throughput of gasoline shall not exceed 250,000,000 gallons per 12 calendar month rolling period.
- 2. The facility shall record the amount of gasoline received on a real time basis, and tally the quantity on a monthly basis.
- 3. The facility shall report, on a calendar year basis, the amount of gasoline received each month and each 12 month rolling period. The facility shall also report, no later than 30 days after such occurrence, each time the facility receives in excess of 250,000,000 gallons of fuel for each 12 calendar month period.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: GASOLINE

Upper Permit Limit: 250,000,000 gallons per year

Monitoring Frequency: PER DELIVERY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

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

**Condition 5:** Air pollution prohibited

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable Federal Requirement: 6 NYCRR 211.1

# Item 5.1:

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 6: Compliance Demonstration** 

Effective between the dates of 12/22/2016 and 12/21/2026

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

# Item 6.1:

The Compliance Demonstration activity will be performed for the Facility.

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# Item 6.2:

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

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY

TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

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

**Condition 7: Compliance Demonstration** 

Effective between the dates of 12/22/2016 and 12/21/2026

**Applicable Federal Requirement: 6 NYCRR 225-4.3** 

# Item 7.1:

The Compliance Demonstration activity will be performed for the Facility.

# Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

No motor vehicle diesel fuel may be sold or supplied in New York State unless it complies with applicable provisions of 40 CFR part 80, subpart I (see Table 1, section 200.9 of this Title).

The facility shall maintain documentation showing whether it has complied with this requirement.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



Permit ID: 7-3532-00053/00011 Facility DEC ID: 7353200053

**Condition 8: Compliance Demonstration** 

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable Federal Requirement: 6 NYCRR 229.5

### Item 8.1:

The Compliance Demonstration activity will be performed for the Facility.

### Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

The owner or operator of a gasoline bulk plant, gasoline loading terminal, petroleum liquid storage tank, marine loading vessel facility, or volatile organic liquid storage tank subject to this Part must maintain the following records at the facility for a period for five years; a) capacities of petroleum liquid storage tanks subject to section 229.3(a) or (b) of the Part, in gallons; (b) average daily gasoline throughput per day for gasoline bulk plants subject to section 229.3 (c) of this Part, in gallons; (c) average daily gasoline throughput for gasoline loading terminals subject to section 229.3(d) of this Part, in gallons per year; (d) capacities of volatile organic liquid storage tanks, subject to section 229.3(e) of this Part, in gallons: and (e) daily gasoline throughput for marine vessel loading facilities subject to section 229.3(f) of this Part, in gallons.

Reporting Requirements: ANNUALLY (CALENDAR) Reports due 30 days after the reporting period. The initial report is due 7/30/2017. Subsequent reports are due every 12 calendar month(s).

**Condition 9: Compliance Demonstration** 

Effective between the dates of 12/22/2016 and 12/21/2026

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

### Item 9.1:

The Compliance Demonstration activity will be performed for the Facility.

# Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

The owner or operator of an affected facility shall keep records of all replacements or additions of components performed on an existing vapor processing system for at least 3 years.



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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

**DESCRIPTION** 

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 10:** Compliance Demonstration

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable Federal Requirement: 40CFR 63.11085, Subpart BBBBBB

## Item 10.1:

The Compliance Demonstration activity will be performed for the Facility.

## Item 10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

The owner or operator of an affected source under subpart BBBBBB must comply with the requirements of paragraphs (a) and (b).

- (a) The owner or operator must, at all times, operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator, which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.
- (b) The owner or operator must keep applicable records and submit reports as specified in 40 CFR 63.11094(g) and 40 CFR 63.11095(d).

Reporting Requirements: SEMI-ANNUALLY (CALENDAR) Reports due 30 days after the reporting period. The initial report is due 1/30/2017. Subsequent reports are due every 6 calendar month(s).

**Condition 11: Compliance Demonstration** 

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable Federal Requirement: 40CFR 63.11089, Subpart BBBBBB

## Item 11.1:

The Compliance Demonstration activity will be performed for the Facility.

# Item 11.2:



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Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

**Equipment Leaks** 

1. Each owner or operator of a bulk gasoline terminal, bulk plant, pipeline breakout station, or pipeline pumping station subject to the provisions of this subpart shall perform a monthly leak inspection of all equipment in gasoline service, as defined in 40 CFR §63.11100. For this inspection, detection methods incorporating sight, sound, and smell are acceptable.

Equipment means each valve, pump, pressure relief device, sampling connection system, open-ended valve or line, and flange or other connector in the gasoline liquid transfer and vapor collection systems. This definition also includes the entire vapor processing system except the exhaust port(s) or stack(s).

In gasoline service means that a piece of equipment is used in a system that transfers gasoline or gasoline vapors.

- 2. 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.
- 3. 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 paragraph (d) of this section.
- 4. 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 40 CFR §63.11095(b), the reason(s) why the repair was not feasible and the date each repair was completed.
- 5. Each owner or operator subject to the equipment leak provisions of §63.11089 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

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under §63.11089, the record shall contain a full description of the program.

- 6. Each owner or operator of an affected source subject to equipment leak inspections under 40 CFR §63.11089 and 40 CFR 60.502(j) shall record in the log book for each leak that is detected the information specified in items 6(i) through (vii) of this condition.
- (i) The equipment type and identification number.
- (ii) The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell).
- (iii) The date the leak was detected and the date of each attempt to repair the leak.
- (iv) Repair methods applied in each attempt to repair the leak.
- (v) "Repair delayed" and the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak.
- (vi) The expected date of successful repair of the leak if the leak is not repaired within 15 days.
- (vii) The date of successful repair of the leak.
- (viii) The inspector name and signature.

Monitoring Frequency: MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

## **Condition 12: Compliance Demonstration**

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable Federal Requirement: 40CFR 63.11089, Subpart BBBBBB

# 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: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE

Monitoring Description:



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This condition is applicable to the loading of product into gasoline transport vehicles that are vapor tight.

- 1. Loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks.
- (A) The owner or operator shall obtain the vapor tightness documentation described in 40 CFR §60.505(b) for each gasoline tank truck which is to be loaded at the affected facility.

Documentation of vapor tightness is described elsewhere in this permit.

- (B) The owner or operator shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the affected facility.
- (C)(i) The owner or operator shall cross-check each cargo tank (gasoine transport vehicle) identification number with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded, unless either of the following conditions is maintained:
- C(i)(a) If less than an average of one gasoline tank truck per month over the last 26 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed each quarter; or
- C(i)(b) If less than an average of one gasoline tank truck per month over the last 52 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed semiannually.
- C(ii) If either the quarterly or semiannual cross-check provided in Items (C) of this condition reveals that these conditions were not maintained, the source must return to biweekly monitoring until such time as these conditions are again met.
- (D) The terminal owner or operator shall notify the owner or operator of each non-vapor-tight gasoline tank truck loaded at the affected facility within 1 week of the documentation cross-check in Item (C) of this section.
- (E) The terminal owner or operator shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor



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tightness documentation for that tank is obtained.

- (F) Alternate procedures to those described in Items (A) through (E) of this condition for limiting gasoline tank truck loadings may be used upon application to, and approval by, the Administrator.
- 2. The owner or operator shall act to assure that loadings of gasoline tank trucks at the affected facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.
- 3. The owner or operator shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks.
- 4. Pursuant to 40 CFR 63.11092(f) and 6 NYCRR 230, 40 CFR 60.502 and 40 CFR 60.505(b), the owner or operator shall not load fuel into a gasoline transport vehicle unless the gasoline transport vehicle has been tested and, during such test:
- (1) sustains a pressure change of not more than three inches of water (six millimeters of mercury) in five minutes when pressurized to a gauge pressure of 18 inches of water (34 millimeters of mercury) and evacuated to a gauge pressure of six inches of water (11 millimeters of mercury); and
- (2) 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.
- (3) No owner or operator of a gasoline transport vehicle subject to this condition will allow a compartment on said vehicle to be loaded under a pressure exceeding 18 inches of water (34 millimeters of mercury) gauge, to be unloaded under a vacuum exceeding six inches of water (11 millimeters of mercury) gauge, or to be unloaded under pressure.
- (4) Dome covers on gasoline transport vehicles must be closed while the transport vehicle is being loaded.

Parameter Monitored: PRESSURE CHANGE



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Upper Permit Limit: 3 inches of water Reference Test Method: EPA Method 27 Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

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

**Condition 13: Compliance Demonstration** 

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable Federal Requirement: 40CFR 63.11094, Subpart BBBBBB

### 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:

This condition is applicable to the loading of product into gasoline transport vehicles that are vapor tight.

1. The owner or operator shall obtain the vapor tightness documentation described in 40 CFR §60.505(b) for each gasoline tank truck which is to be loaded at the affected facility.

This documentation shall include, as a minimum, the following information:

- (a) Test title: Gasoline Delivery Tank Pressure Test—EPA Reference Method 27.
- (b) Tank owner and address.
- (c) Tank identification number.
- (d) Testing location.
- (e) Date of test.
- (f) Tester name and signature.
- (g) Witnessing inspector, if any: Name, signature, and affiliation.
- (h) Test results: Actual pressure change in 5 minutes, mm



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of water (average for 2 runs).

(i)As an alternative to keeping records at the terminal of each gasoline cargo tank test result as specified in Item 1(a) through (h), an owner or operator may comply with the requirements in either paragraph (i)(1) or paragraph (i)(2) of this section.

(i)(1) An electronic copy of each record is instantly available at the terminal. The copy of each record must be an exact duplicate image of the original paper record with certifying signatures. The owner or operator must notify the Administrator in writing that each terminal using this alternative is compliant with this requirement.

(i)(2) For facilities that 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 is made available (e.g., via facsimile) for inspection by the Administrator's delegated representatives during the course of a site visit, or within a mutually agreeable time frame.

The copy of each record must be an exact duplicate image of the original paper record with certifying signatures. The owner or operator must notify the Administrator in writing that each terminal using this alternative is compliant with this requirement.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2017.
Subsequent reports are due every 12 calendar month(s).

**Condition 14: Compliance Demonstration** 

Effective between the dates of 12/22/2016 and 12/21/2026

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

# Item 14.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

# Item 14.2:

Compliance Demonstration shall include the following monitoring:



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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.
- 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.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR) Reports due 30 days after the reporting period. The initial report is due 1/30/2017. Subsequent reports are due every 6 calendar month(s).

Condition 15: Compliance Demonstration

Effective between the dates of 12/22/2016 and 12/21/2026

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

### Item 15.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

# Item 15.2:

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

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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 §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.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR) Reports due 30 days after the reporting period. The initial report is due 1/30/2017. Subsequent reports are due every 6 calendar month(s).

**Condition 16:** Compliance Demonstration

Effective between the dates of 12/22/2016 and 12/21/2026

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

Item 16.1:



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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:

Each owner or operator of an affected source under this subpart shall submit a semiannual report including the number, duration, and a brief description of each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with §63.11085(a), including actions taken to correct a malfunction. The report may be submitted as a part of the semiannual compliance report, if one is required. Owners or operators of affected bulk plants and pipeline pumping stations are not required to submit reports for periods during which no malfunctions occurred.

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 17:** Applicability of MACT General Provisions

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable Federal Requirement: 40CFR 63.11098, Subpart BBBBBB

# Item 17.1:

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

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

**Condition 18:** Compliance Demonstration

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable Federal Requirement: 6 NYCRR 229.3 (d)

# Item 18.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

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## Item 18.2:

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
- 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.

Reporting Requirements: ANNUALLY (CALENDAR) Reports due 30 days after the reporting period. The initial report is due 7/30/2017. Subsequent reports are due every 12 calendar month(s).

**Condition 19: Compliance Demonstration** 

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable Federal Requirement: 40CFR 63.11088, Subpart BBBBBB

# Item 19.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

## Item 19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING



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# Monitoring Description:

Loading Rack Requirements, pursuant to 40 CFR Part 60, Subpart XX and 40 CFR Part 63, Subpart BBBBBB

The owner or operator must:

- 1. Equip the loading racks with a vapor collection system to collect total organic compounds (TOC) vapors displaced from cargo tanks during product loading.
- 2. Reduce emissions of TOC to less than or equal to 35 mg/l of gasoline loaded into gasoline cargo tanks at the loading rack. (35 mg/l is the limit in 40 CFR Part 60, Subpart XX.).
- 3. Design and operate the vapor collection system to prevent any TOC vapors collected at one loading rack or lane from passing to another loading rack or lane to the atmosphere.
- 4. Limit the loading of liquid product into gasoline cargo tanks that are vapor tight using the procedures specified in 40 CFR 60.502(e) through (j), and as described elsewhere in this permit.
- 5. 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 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR §60.503(d).
- 6. No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water).
- 7. Performance tests shall be conducted under such conditions as the Administrator specifies to the owner or operator, based on representative performance (based on normal operating conditions) of the affected source. Upon request, the owner or operator shall make available to the Department or the Administrator such records as necessary to determine the conditions of the performance tests.

Each owner or operator must submit a Notification of Performance Test prior to initiating the testing.

Compliance shall be determined using the test procedures of 40 CFR 60.503:



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- (i) In conducting the performance tests, the owner or operator shall use as reference methods and procedures the test methods in 40 CFR Part 60, appendix A and other methods and procedures as specified in 40 CFR 60.503.
- (ii) Immediately before the performance test required to determine compliance, the owner or operator shall use Method 21 to monitor for leakage of vapor all potential sources in the terminal's vapor collection system equipment while a gasoline tank truck is being loaded. The owner or operator shall repair all leaks with readings of 500 ppm (as methane) or greater before conducting the performance test.
- (ii) The owner or operator shall determine compliance with the standards as follows:
- (a) The performance test shall be 6 hours long during which at least 300,000 liters of gasoline is loaded. If this is not possible, the test may be continued the same day until 300,000 liters of gasoline is loaded or the test may be resumed the next day with another complete 6-hour period. In the latter case, the 300,000-liter criterion need not be met. However, as much as possible, testing should be conducted during the 6-hour period in which the highest throughput normally occurs.
- (b) If the vapor processing system is intermittent in operation, the performance test shall begin at a reference vapor holder level and shall end at the same reference point. The test shall include at least two startups and shutdowns of the vapor processor. If this does not occur under automatically controlled operations, the system shall be manually controlled.
- (c) The emission rate (E) of total organic compounds shall be computed using the equation in 40 CFR 60.503(c)(3).
- (d) The performance test shall be conducted in intervals of 5 minutes. For each interval "i", readings from each measurement shall be recorded, and the volume exhausted (Vesi) and the corresponding average total organic compounds concentration (Cei) shall be determined. The sampling system response time shall be considered in determining the average total organic compounds concentration corresponding to the volume exhausted.
- (e) The following methods shall be used to determine the volume of air-vapor mixture exhausted at each



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### interval:

- (i) Method 2B shall be used for combustion vapor processing systems.
- (ii) Method 2A shall be used for all other vapor processing systems.
- (f) Method 25A or 25B shall be used for determining the total organic compounds concentration (Cei) at each interval. The calibration gas shall be either propane or butane. The owner or operator may exclude the methane and ethane content in the exhaust vent by any method (e.g., Method 18) approved by the Administrator.
- (g) To determine the volume (L) of gasoline dispensed during the performance test period at all loading racks whose vapor emissions are controlled by the processing system being tested, terminal records or readings from gasoline dispensing meters at each loading rack shall be used.
- (h) The owner or operator shall determine compliance with the standard in §60.502(h) as follows:
- (1) A pressure measurement device (liquid manometer, magnehelic gauge, or equivalent instrument), capable of measuring up to 500 mm of water gauge pressure with  $\pm 2.5$  mm of water precision, shall be calibrated and installed on the terminal's vapor collection system at a pressure tap located as close as possible to the connection with the gasoline tank truck.
- (2) Immediately before or during the performance test, the owner or operator shall challenge the vapor pressure system to insure that, with the maximum number of cargo trucks being loaded, the pressure in the collection system does not exceed 18 inches of water.
- (3) During the performance test, the pressure shall be recorded every 5 minutes while a gasoline truck is being loaded; the highest instantaneous pressure that occurs during each loading shall also be recorded. Every loading position must be tested at least once during the performance test.
- 8. 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 compounds liquid or vapor leaks. For purposes of this paragraph, detection methods incorporating sight, sound, or smell are acceptable. Each



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detection of a leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected.

Parameter Monitored: VOC

Upper Permit Limit: 35 milligrams per liter Reference Test Method: EPA Methods 21, 25a, 25b

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 20:** Compliance Demonstration

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable Federal Requirement:40CFR 63.11092(b)(1)(i)('A'), Subpart

### **BBBBBB**

### Item 20.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

# Item 20.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

**Continuous Monitoring** 

This condition is applicable when the carbon adsorber is used to control VOC and HAP emissions when loading product into gasoline transport vehicles. The thermal oxidizer may be used as a back-up.

The owner or operator:

- 1. Must install, calibrate, and maintain according to the manufacturer's specifications a continuous emission monitoring system (CEMS) for measuring organic compound concentration in the exhaust of the carbon adsorption unit.
- 2. Determine an operating parameter value based on the parameter data monitored during the performance test, supplemented by engineering assessments and the manufacturer's recommendations.



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- 3. Provide for the Department's approval the rationale for the selected operating parameter value, monitoring frequency, and averaging time, including data and calculations used to develop the value and a description of why the value, monitoring frequency, and averaging time demonstrate continuous compliance with the emission standard in 40 CFR §63.11088(a).
- 4. For performance tests performed after the initial test required, the owner or operator shall document the reasons for any change in the operating parameter value since the previous performance test.
- 5. Operate the vapor processing system in a manner not to exceed or not to go below, as appropriate, the operating parameter value for the parameters described in Item 2 of this condition.
- 6. Keep an up-to-date, readily accessable record of the continuous monitoring data. 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 sucg loadings. The date and time of day shall also be indicated at reasonable intervals on this record.
- 7. Operation of the vapor processing system in a manner exceeding or going below the operating parameter value, as appropriate, shall constitute a violation of the emission standard in 40 CFR §63.11088(a).
- 8. On an annual basis, submit to the Department a report stating whether he or she has complied with this condition.

Parameter Monitored: VOC

Upper Permit Limit: 10 milligrams per liter Monitoring Frequency: CONTINUOUS

Averaging Method: 6 HOUR BLOCK - ARITHMETIC MEAN

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

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

**Condition 21: Compliance Demonstration** 

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable Federal Requirement: 40CFR 63.11087, Subpart BBBBBB

# Item 21.1:

The Compliance Demonstration activity will be performed for:



Permit ID: 7-3532-00053/00011 Facility DEC ID: 7353200053

Emission Unit: 0-00002

## Item 21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

Requirements for Gasoline Storage Tanks

Compliance with this condition presumes compliance with other regulatins applicable to VOL/gasoline storage tanks (such as 40 CFR Part 60, Subpart Kb for Tank 1).

The owner or operator shall:

1. Equip each internal floating roof gasoline storage tank according to the requirements in 40 CFR 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) through (ix).

Each storage vessel shall be equipped with a fixed roof in combination with an internal floating roof meeting the following specifications:

- (i) The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.
- (ii) Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:
- (A) A foam- or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid-mounted seal means a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank, or
- (B) A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is



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connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

- (iii) Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.
- 2. Pursuant to 40 CFR 63.11092(e): the owner or operator must perform inspections of the floating roof system according to the requirements of 40 CFR §60.113b(a):

For vessels equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the owner or operator shall repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Administrator in the inspection report required in §60.115b(a)(3). Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.

Visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years.



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- 3. Perform a monthly leak inspection of all equipment in gasoline service according to the requirements specified in §63.11089(a) through (d).
- 4. Keep records and submit reports as specified in 40 CFR 63.11094 and 63.11095.

Each owner or operator shall keep records as specified in §60.115b of this chapter, except records shall be kept for at least 5 years:

Keep a record of each inspection performed as required in this condition. 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).

If any of the conditions described in Item 2 above are detected during the annual visual inspection, a report shall be furnished to the Department and 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.

5. On a calendar year basis, submit to the Department a statement whether he or she has complied with this requirement.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2017.

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

**Condition 22: Compliance Demonstration** 

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable Federal Requirement:40CFR 60.113b(a), NSPS Subpart Kb

#### Item 22.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00002 Emission Point: 0T001

#### Item 22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:



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Tank 1 is being retrofit with an internal floating roof so that it can hold gasoline. This condition is applicable before first storing gasoline.

After installing the control equipment required to meet §60.112b(a)(1) (permanently affixed roof and internal floating roof), each owner or operator shall visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the owner or operator shall repair the items before filling the storage vessel.

The facility must furnish the Department and the EPA with a report that describes the control equipment and certifies that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 60.113b(a)(1). This report shall be an attachment to the notification required by 40 CFR 60.7(a)(3).

The owner or operator must notify the Department at least 30 days prior to coducting the internal inspection. A report of the inspection shall be submitted to the Department prior to storing gasoline for the first time.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



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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: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department 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 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 and maintained;
- (3) During the period of the emergency the facility owner 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 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 or operator seeking to establish the occurrence of an emergency has the burden of proof.
- (c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

# Item B: 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.



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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 C: 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 23:** Contaminant List

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable State Requirement: ECL 19-0301

#### Item 23.1:

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

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

CAS No: 0NY998-00-0

Name: VOC

Condition 24: Malfunctions and start-up/shutdown activities

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable State Requirement: 6 NYCRR 201-1.4

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#### Item 24.1:

- (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 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 25:** Emission Unit Definition

Effective between the dates of 12/22/2016 and 12/21/2026

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

#### Item 25.1:

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

Emission Unit: 0-00001 Emission Unit Description:

A three (3) bay, bottom loading truck rack which can load all petroleum products found at Brewerton Terminal (gasolines, diesel, fuel oil, kerosene, aviation fuel, heating oil, transmix, etc.). The emissions are



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controlled with a dual-bed carbon adsorption unit, with an oxidizer/vapor combustion unit as a back-up.

#### Item 25.2:

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

Emission Unit: 0-00002 Emission Unit Description:

All bulk terminal storage tanks that are permitted for gasoline service. These tanks contain a floating roof (Tanks 1, 3, 4, and 7) and may throughput all refined petroleum products with a vapor pressure less than 11 psia, including gasoline and pipeline transmix.

#### Item 25.3:

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

Emission Unit: 0-00003 Emission Unit Description:

All fixed roof terminal storage tanks which do not contain a floating roof (Tanks 2 and 6) and all horizontal additive/fuel oil tanks (Tanks 5, 8, 29, 30, 31, and 32). These tanks may throughput petroleum products with a vapor pressure less than 1.0 psia. All thes tanks are exempt under 6 NYCRR Part 201-3.2(c)(21), (25), or (26).

#### Item 25.4:

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

Emission Unit: 0-00004 Emission Unit Description:

All tanks that store denatured ethanol to be used for addition to gasoline.

#### Item 25.5:

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

Emission Unit: 0-TRUCK Emission Unit Description:

Cargo trucks receiving gasoline or diesel.

Condition 26: Renewal deadlines for state facility permits

Effective between the dates of 12/22/2016 and 12/21/2026

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

#### Item 26.1:

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 27: Compliance Demonstration** 

Effective between the dates of 12/22/2016 and 12/21/2026

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

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#### Item 27.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 27.2:

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 7 615 Erie Blvd West Syracuse, NY 13204

Reporting Requirements: ANNUALLY (CALENDAR) Reports due 30 days after the reporting period. The initial report is due 7/30/2017. Subsequent reports are due every 12 calendar month(s).

**Condition 28:** Visible Emissions Limited

Effective between the dates of 12/22/2016 and 12/21/2026

**Applicable State Requirement: 6 NYCRR 211.2** 

#### Item 28.1:

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 29: Compliance Demonstration** 

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable State Requirement: 6 NYCRR 212-2.1

#### Item 29.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 29.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

This facility is subject to 6 NYCRR Part 212. This condition is applicable to benzene emissions from all process sources at the facility.



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- 1. No later than 180 days after the effective date of this permit, the owner or operator shall submit to the Department a list of all emission sources (that are not trivial or exempt under 6 NYCRR 201-3) and, for benzene emissions from each emission source,
- i. the actual emission rate, in pounds per hour;
- ii. the emission rate potential, as defined in 6 NYCRR 200.1, in pounds per hour;
- iii. a proposed environmental rating. The initial environmental rating for each contaminant will be based on the Department's most recent AGC/SGC Tables, where high toxicity contaminants will be considered "A" rated.
- iv. any annual or short-term air dispersion modeling analysis done to predict off-site air concentrations to further support the proposed air contaminants' environmental rating;
- v. the actual emissions of benzene, in pounds per year, so that facility-wide actual emissions are determined; and
- vi. supporting calculations.
- 2. If facility-wide actual emissions are less than 100 pounds per year, no further review is required.
- 3. If facility-wide benzene emissions are in excess of 100 pounds per year, the facility shall comply with the Part 212 as follows.
- i. A process emission source subject to a standard under 40 CFR Part 63 satisfies the requirements of this condition for the respective air contaminant if the facility demonstrates that it is in compliance with that relevant 40 CFR Part 63 standard and, for those federal standards regulating HTACs, provides a Toxic Impact Assessment (TIA) demonstrating that the predicted maximum off-site ambient concentration is less than the AGC and SGC and that emissions are less than the Persistent and Bioaccumulative Trigger as defined in 6 NYCRR 212.

A facility-wide toxic impact assessment must be completed using Department-approved modeling procedures. No later than 180 days after the effective date of this permit, the owner or operator must submit to the Department a modeling protocol for the impact assessment. No later than 90 days after the Department's approval of the protocol, the owner or operator shall submit to the Department a report



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describing the results of this impact assessment.

- ii. No later than 90 days after the Department's approval of the modeling protocol, if the impact assessment predicts ambient impacts in excess of the AGC, the owner or operator shall submit to the Department: (i) a plan to reduce emissions (or otherwise reduce predicted ambient impacts) from one or more process emission sources such that predicted ambient impacts of facility-wide emissions are below the AGC, or (ii), a T-BACT analysis, where, in addition to emission controls, the predicted ambient impacts must not exceed the residual risk management range as described in DAR-1.
- 4. The Department assigns final Environmental Ratings to contaminants, and reserves the right to change any initial environmental rating proposed by the facility owner or operator. Process emission sources that meet the exemptions in 6 NYCRR 212-1.4 are not subject to this condition. Process emission sources that emit VOCs that would be exempt if not A-rated must conduct an ambient impact analysis as directed in Item 3.ii of this condition to support the proposed environmental rating.
- 5. Annual certification with this condition shall certify that no changes were made to the operation of these emission sources, or the air pollution control equipment, that could result in increases in emissions or increases in predicted ambient concentrations.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 30:** Compliance Demonstration

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable State Requirement: 6 NYCRR 225-3.4

#### Item 30.1:

The Compliance Demonstration activity will be performed for the Facility.

#### Item 30.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

The owner or operator of this facility 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:



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- (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.

Persons subject to the above recordkeeping requirements shall provide the following records with gasoline which is distributed from facilities:

- (1) A copy of the certification produced for item 3 above.
- (2) Documentation of the maximum RVP of the gasoline if the gasoline was subject to section 225-3.3 of this Subpart.
- (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.

Persons required to maintain the records listed above must make the records available for inspection during normal business hours, at the location from which the gasoline was delivered, sold, or dispensed, to the commissioner or his representative and must furnish copies of these records to the commissioner or his or her representative upon request. Such persons shall maintain all records and documentation required to be made or maintained in accordance with this section, including any calculations performed, for at least two years (five years for a Title V facility) from date of delivery.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR) Reports due 30 days after the reporting period. The initial report is due 7/30/2017. Subsequent reports are due every 12 calendar month(s).

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



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**Condition 31:** Emission Point Definition By Emission Unit

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable State Requirement: 6 NYCRR Subpart 201-5

#### Item 31.1:

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

Emission Unit: 0-00001

Emission Point: 0VCU1

Height (ft.): 35 Diameter (in.): 96 NYTMN (km.): 4788.5 NYTME (km.): 407.

#### Item 31.2:

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

Emission Unit: 0-00002

Emission Point: 0T001

Height (ft.): 40 Diameter (in.): 24 NYTMN (km.): 4788.5 NYTME (km.): 407.

Emission Point: 0T003

Height (ft.): 40 Diameter (in.): 24 NYTMN (km.): 4788.5 NYTME (km.): 407.

Emission Point: 0T004

Height (ft.): 36 Diameter (in.): 24 NYTMN (km.): 4788.5 NYTME (km.): 407.

Emission Point: 0T007

Height (ft.): 57 Diameter (in.): 24 NYTMN (km.): 4788.5 NYTME (km.): 407.

#### **Condition 32:** Process Definition By Emission Unit

Effective between the dates of 12/22/2016 and 12/21/2026

Applicable State Requirement: 6 NYCRR Subpart 201-5

#### Item 32.1:

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

Emission Unit: 0-00001

Process: 001 Source Classification Code: 4-04-001-53

Process Description:

This process represents the distribution of refined petroleum products and includes a three (3) bay truck loading rack, VRU, VCU, and associated piping, valves, pumps, flanges and maintenance equipment.

pumps, manges and maintenance equipmen

Emission Source/Control: 00001 - Control

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Control Type: FLARING

Emission Source/Control: CARB1 - Control

Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: 00002 - Process

#### Item 32.2:

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

Emission Unit: 0-00002

Process: 002 Source Classification Code: 4-04-001-17

Process Description:

The process is the receipt, storage, and distribution of refined petroleum products and includes pipelines, storage tanks, VCU, associated piping, valves, pumps, flanges, and

maintenance equipment.

Emission Source/Control: 0T001 - Process

Emission Source/Control: 0T003 - Process

Emission Source/Control: 0T004 - Process

Emission Source/Control: 0T007 - Process

#### Item 32.3:

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

Emission Unit: 0-00003

Process: 003 Source Classification Code: 4-04-001-99

**Process Description:** 

The process is the receipt, storage, and distribution of non-gasoline refined petroleum products and includes pipelines, storage tanks, associated piping, valves, pumps, flanges, and maintenance equipment.

Emission Source/Control: 0T002 - Process

Emission Source/Control: 0T005 - Process

Emission Source/Control: 0T006 - Process

Emission Source/Control: 0T008 - Process

Emission Source/Control: T0029 - Process

Emission Source/Control: T0030 - Process

Emission Source/Control: T0031 - Process

Emission Source/Control: T0032 - Process



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#### Item 32.4:

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

Emission Unit: 0-00004

Process: 004 Source Classification Code: 4-04-001-53

Process Description:

The process is the receipt, storage, and distribution of ethanol products and includes pipelines, storage tanks, associated piping, valves, pumps, flanges, and maintenance

equipment.

Emission Source/Control: 0T009 - Process

Design Capacity: 29,190 gallons

Emission Source/Control: T0010 - Process

Design Capacity: 29,232 gallons

Emission Source/Control: T0011 - Process

Design Capacity: 29,232 gallons

Emission Source/Control: T0012 - Process

Design Capacity: 29,106 gallons

#### Item 32.5:

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

Emission Unit: 0-TRUCK

Process: 005 Source Classification Code: 4-04-001-52

Process Description:

The process is the loading of refined petroleum products (gasoline and diesel) from a three (3) bay truck loading

rack into cargo/tank trucks.

Emission Source/Control: TRUCK - Process