

**Division of Air Resources
Permit Review Report**

Permit ID: 1-2820-01549/00004
Renewal Number: 3
03/27/2025

Facility Identification Data

Name: SHELL OIL PRODUCTS US - LONG ISLAND TERMINAL
Address: 74 EAST AVE
LAWRENCE, NY 11559

Owner/Firm

Name: Equilon Enterprises LLC
Address: 910 Louisiana St
Houston, TX 77002, USA
Owner Classification: Corporation/Partnership

Permit Contacts

Division of Environmental Permits:
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Air Permitting Contact:
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LAWRENCE, NY 11559
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**Permit Description
Introduction**

The Title V operating air permit is intended to be a document containing only enforceable terms and conditions as well as any additional information, such as the identification of emission units, emission points, emission sources and processes, that makes the terms meaningful. 40 CFR Part 70.7(a)(5) requires that each Title V permit have an accompanying "...statement that sets forth the legal and factual basis for the draft permit conditions". The purpose for this permit review report is to satisfy the above requirement by providing pertinent details regarding the permit/application data and permit conditions in a more easily understandable format. This report will also include background narrative and explanations of regulatory decisions made by the reviewer. It should be emphasized that this permit review report, while based on information contained in the permit, is a separate document and is not itself an enforceable term and condition of the permit.

Summary Description of Proposed Project

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This is an ATV renewal with some minor modifications. The overall facility process has not changed and there are no new contaminants not controls to mentions. The modifications stem from a change in DEC regulatory requirements that make previous exempt sources non-exempt.

A new emission unit (S-TANKS) has been created to add previously exempt tanks to the permit.

The air stripper (U-00012) was replaced with a similar unit after damage sustained during Super Storm Sandy. The permit reflects the updated stack parameters.

The oil-water separator was previously an insignificant source, but is now listed in the permit.

This is a renewal of the Title V permit. For this renewal, air quality dispersion modeling was conducted for emissions of benzene, which is a high toxicity air contaminant. The results of the modeling demonstrated that the concentration of benzene beyond the fence line are below the annual guidance concentration (AGC) and short-term guidance concentration (SGC). Thus, the facility is in compliance with Part 212.

Attainment Status

SHELL OIL PRODUCTS US - LONG ISLAND TERMINAL is located in the town of HEMPSTEAD in the county of NASSAU.

The attainment status for this location is provided below. (Areas classified as attainment are those that meet all ambient air quality standards for a designated criteria air pollutant.)

| Criteria Pollutant | Attainment Status |
|---|--------------------------|
| Particulate Matter (PM) | ATTAINMENT |
| Particulate Matter < 10µ in diameter (PM10) | ATTAINMENT |
| Sulfur Dioxide (SO2) | ATTAINMENT |
| Ozone* | SEVERE NON-ATTAINMENT |
| Oxides of Nitrogen (NOx)** | ATTAINMENT |
| Carbon Monoxide (CO) | ATTAINMENT |

* Ozone is regulated in terms of the emissions of volatile organic compounds (VOC) and/or oxides of nitrogen (NOx) which are ozone precursors.

** NOx has a separate ambient air quality standard in addition to being an ozone precursor.

Facility Description:

MOTIVA ENTERPRISES LLC PROPERTY is a gasoline, distillate, and biodiesel loading facility. Emission Unit T-TANKS includes ten (10) internal floating roof tanks; five (5) of these tanks store

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gasoline and five (5) tanks store ethanol or gasoline. Volatile organic compounds (VOC) emissions from this unit are limited to 29.57 tons per year. Emission Unit U-00001 includes 16 truck loading bays and a vapor recovery unit (VRU) for the control of emissions from gasoline, distillate, and biodiesel loading racks. VOC emissions from this unit are limited to 53.43 tons per year. Emissions Units U-00012 and U-00013 include groundwater remediation/treatment systems for reducing VOCs and oil contents in groundwater and contact water. The facility shall not exceed annual throughputs of 585 million gallons of gasoline, 600 million gallons of total ethanol and gasoline, and 182 million gallons of distillate oil and biodiesel fuel during any twelve month rolling average.

Permit Structure and Description of Operations

The Title V permit for SHELL OIL PRODUCTS US - LONG ISLAND TERMINAL

is structured in terms of the following hierarchy: facility, emission unit, emission point, emission source and process. A facility is defined as all emission sources located at one or more adjacent or contiguous properties owned or operated by the same person or persons under common control. The facility is subdivided into one or more emission units (EU). Emission units are defined as any part or activity of a stationary facility that emits or has the potential to emit any federal or state regulated air pollutant. An emission unit is represented as a grouping of processes (defined as any activity involving one or more emission sources (ES) that emits or has the potential to emit any federal or state regulated air pollutant). An emission source is defined as any apparatus, contrivance or machine capable of causing emissions of any air contaminant to the outdoor atmosphere, including any appurtenant exhaust system or air cleaning device. [NOTE: Indirect sources of air contamination as defined in 6 NYCRR Part 203 (i.e. parking lots) are excluded from this definition]. The applicant is required to identify the principal piece of equipment (i.e., emission source) that directly results in or controls the emission of federal or state regulated air pollutants from an activity (i.e., process). Emission sources are categorized by the following types:

- combustion - devices which burn fuel to generate heat, steam or power
- incinerator - devices which burn waste material for disposal
- control - emission control devices
- process - any device or contrivance which may emit air contaminants that is not included in the above categories.

SHELL OIL PRODUCTS US - LONG ISLAND TERMINAL is defined by the following emission unit(s):

Emission unit TTANKS - Ten (10) tanks store gasoline and denatured ethanol. Five (5) tanks are used to store gasoline and five (5) tanks to store gasoline or ethanol.

Emission unit TTANKS is associated with the following emission points (EP):

T0001, T0002, T0003, T0004, T0010, T0012, T0013, T0014, T0015, T0016

Process: GAT Tanks storing gasoline. Tanks are equipped with internal floating roofs.

Process: VOL Tanks storing volatile organic liquid, including ethanol. Tanks are equipped with internal floating roofs.

Emission unit U00001 - Truck loading rack with 16 bays (lanes), 6 of which are used to load gasoline only, 6 to load distillate and biodiesel, and 4 to load gasoline, distillate and biodiesel. A VRU is used to control emissions during loading of gasoline and bottom loading of distillate and biodiesel from the truck rack.

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Emission unit U00001 is associated with the following emission points (EP):
00001

Process: DIS Distillate including biodiesel will be loaded in a total of 10 bays, 6 of which are used for distillate and biodiesel loading only. Four (4) bays are used for distillate and biodiesel or gasoline loading. A VRU is used to control emissions during the bottom loading of distillate including biodiesel from the truck rack.

Process: GAS Gasoline tank trucks are loaded at 10 bays, with 6 bays being used to load gasoline and 4 bays to load distillate including biodiesel or gasoline. Vapors are collected and controlled by a VRU. This process also includes switch loading of distillate and biodiesel into trucks that previously held gasoline.

Emission unit U00013 - Oil/Water separators.

Emission unit U00013 is associated with the following emission points (EP):
00013

Process: 023 is located at Building 13 - Removal of free oil and settled solids from the waste water.

Emission unit S-TANK - Six (6) small additive tanks (19, 20, 21, 22, and 31).

Emission unit S-TANK is associated with the following emission points (EP):
TK019, TK020, TK021, TK022, TK028

Process: ADT Additive tanks store various fuel additives which are blended with fuel at the loading truck loading rack. These tanks are maintained in compliance with CBS License No. 1-000391.

Emission unit U00012 - Air Stripper.

Emission unit U00012 is associated with the following emission points (EP):
00012

Process: 022 is located at Building 12 - A groundwater remediation and surface water collection system uses an air stripper to reduce the VOCs in the site's groundwater and contact water. Groundwater, contact water, and floating product are pumped from the oil/water separator to the air stripper at a combined rate of 40 gpm. The floating product is separated and stored in a recovery tank. The water is pumped into a stripper for treatment and filtered by two activated carbon beds.

Title V/Major Source Status

SHELL OIL PRODUCTS US - LONG ISLAND TERMINAL is subject to Title V requirements. This determination is based on the following information:

Facility emits over 25 tpy VOC. It has the potential to emit up to 100 tpy of VOC.

Program Applicability

The following chart summarizes the applicability of SHELL OIL PRODUCTS US - LONG ISLAND TERMINAL with regards to the principal air pollution

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regulatory programs:

| Regulatory Program | Applicability |
|--------------------------------|---------------|
| PSD | NO |
| NSR (non-attainment) | NO |
| NESHAP (40 CFR Part 61) | NO |
| NESHAP (MACT - 40 CFR Part 63) | YES |
| NSPS | YES |
| TITLE IV | NO |
| TITLE V | YES |
| TITLE VI | NO |
| RACT | NO |
| SIP | YES |

NOTES:

PSD Prevention of Significant Deterioration (40 CFR 52.21, 6 NYCRR 231-7, 231-8) - requirements which pertain to major stationary sources located in areas which are in attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

NSR New Source Review (6 NYCRR 231-5, 231-6) - requirements which pertain to major stationary sources located in areas which are in non-attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

NESHAP National Emission Standards for Hazardous Air Pollutants (40 CFR 61, 6 NYCRR 200.10) - contaminant and source specific emission standards established prior to the Clean Air Act Amendments of 1990 (CAAA) which were developed for 9 air contaminants (inorganic arsenic, radon, benzene, vinyl chloride, asbestos, mercury, beryllium, radionuclides, and volatile HAP's).

MACT Maximum Achievable Control Technology (40 CFR 63, 6 NYCRR 200.10) - contaminant and source specific emission standards established by the 1990 CAAA. Under Section 112 of the CAAA, the US EPA is required to develop and promulgate emissions standards for new and existing sources. The standards are to be based on the best demonstrated control technology and practices in the regulated industry, otherwise known as MACT. The corresponding regulations apply to specific source types and contaminants.

NSPS New Source Performance Standards (40 CFR 60, 6 NYCRR 200.10) - standards of performance for specific stationary source categories developed by the US EPA under Section 111 of the CAAA. The standards apply only to those stationary sources which have been constructed or modified after the regulations have been proposed by publication in the Federal Register and only to the specific contaminant(s) listed in the regulation.

Title IV Acid Rain Control Program (40 CFR 72 thru 78, 6 NYCRR 201-6) - regulations which mandate the implementation of the acid rain control program for large stationary combustion facilities.

Title VI Stratospheric Ozone Protection (40 CFR 82, Subpart A thru G, 6 NYCRR 200.10) -

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federal requirements that apply to sources which use a minimum quantity of CFC's (chlorofluorocarbons), HCFC's (hydrofluorocarbons) or other ozone depleting substances or regulated substitute substances in equipment such as air conditioners, refrigeration equipment or motor vehicle air conditioners or appliances.

RACT Reasonably Available Control Technology (6 NYCRR Parts 212-3, 220-1.6, 220-1.7, 220-2.3, 220-2.4, 226, 227-2, 228, 229, 230, 233, 234, 235, 236) - the lowest emission limit that a specific source is capable of meeting by application of control technology that is reasonably available, considering technological and economic feasibility. RACT is a control strategy used to limit emissions of VOC's and NOx for the purpose of attaining the air quality standard for ozone. The term as it is used in the above table refers to those state air pollution control regulations which specifically regulate VOC and NOx emissions.

SIP State Implementation Plan (40 CFR 52, Subpart HH, 6 NYCRR 200.10) - as per the CAAA, all states are empowered and required to devise the specific combination of controls that, when implemented, will bring about attainment of ambient air quality standards established by the federal government and the individual state. This specific combination of measures is referred to as the SIP. The term here refers to those state regulations that are approved to be included in the SIP and thus are considered federally enforceable.

Compliance Status

Facility is in compliance with all requirements.

SIC Codes

SIC or Standard Industrial Classification code is an industrial code developed by the federal Office of Management and Budget for use, among other things, in the classification of establishments by the type of activity in which they are engaged. Each operating establishment is assigned an industry code on the basis of its primary activity, which is determined by its principal product or group of products produced or distributed, or services rendered. Larger facilities typically have more than one SIC code.

SIC Code

Description

| | |
|------|-------------------------------------|
| 5171 | PETROLEUM BULK STATIONS & TERMINALS |
|------|-------------------------------------|

SCC Codes

SCC or Source Classification Code is a code developed and used" by the USEPA to categorize processes which result in air emissions for the purpose of assessing emission factor information. Each SCC represents a unique process or function within a source category logically associated with a point of air pollution emissions. Any operation that causes air pollution can be represented by one or more SCC's.

SCC Code

Description

| | |
|-------------|---|
| 3-99-999-94 | MISCELLANEOUS MANUFACTURING INDUSTRIES MISCELLANEOUS INDUSTRIAL PROCESSES Other Not Classified |
| 4-04-001-14 | BULK TERMINALS/PLANTS BULK TERMINALS GASOLINE RVP 10: STANDING LOSS (250000 BBL.CAPACITY) FLOATING ROOF TANK |
| 4-04-002-50 | BULK TERMINALS/PLANTS BULK PLANTS Loading Racks |

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In the following table, the CAS No. or Chemical Abstract Service code is an identifier assigned to every chemical compound. [NOTE: Certain CAS No.'s contain a 'NY' designation within them. These are not true CAS No.'s but rather an identification which has been developed by the department to identify groups of contaminants which ordinary CAS No.'s do not do. As an example, volatile organic compounds or VOC's are identified collectively by the NY CAS No. 0NY998-00-0.] The PTE refers to the Potential to Emit. This is defined as the maximum capacity of a facility or air contaminant source to emit any air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of the facility or air contamination source to emit any air contaminant, including air pollution control equipment and/or restrictions on the hours of operation, or on the type or amount or material combusted, stored, or processed, shall be treated as part of the design only if the limitation is contained in federally enforceable permit conditions. The PTE for each contaminant that is displayed represents the facility-wide PTE in tons per year (tpy) or pounds per year (lbs/yr). In some instances the PTE represents a federally enforceable emissions cap or limitation for that contaminant. The term 'HAP' refers to any of the hazardous air pollutants listed in section 112(b) of the Clean Air Act Amendments of 1990. Total emissions of all hazardous air pollutants are listed under the special NY CAS No. 0NY100-00-0. In addition, each individual hazardous air pollutant is also listed under its own specific CAS No. and is identified in the list below by the (HAP) designation.

| Cas No. | Contaminant | PTE lbs/yr | PTE tons/yr | Actual lbs/yr | Actual tons/yr |
|-------------|----------------------------------|------------|-------------|---------------|----------------|
| 000071-43-2 | BENZENE | 19800 | | | |
| 0NY750-00-0 | CARBON DIOXIDE EQUIVALENTS | 24360 | | | |
| 000630-08-0 | CARBON MONOXIDE | 17 | | | |
| 000100-41-4 | ETHYLBENZENE | 19800 | | | |
| 000110-54-3 | HEXANE | 19800 | | | |
| 007439-92-1 | LEAD | 0.000101 | | | |
| 001634-04-4 | METHYL TERTBUTYL ETHER | 19800 | | | |
| 0NY210-00-0 | OXIDES OF NITROGEN | 20.2 | | | |
| 0NY075-00-0 | PARTICULATES | 1.534 | | | |
| 000540-84-1 | PENTANE, 2,2,4- TRIMETHYL- | 19800 | | | |
| 0NY075-00-5 | PM-10 | 1.534 | | | |
| 007446-09-5 | SULFUR DIOXIDE | 0.1212 | | | |
| 000108-88-3 | TOLUENE | 19800 | | | |
| 0NY100-00-0 | TOTAL HAP | 49800 | | | |
| 0NY998-00-0 | VOC | 197200 | | | |
| 001330-20-7 | XYLENE, M, O & P MIXT. | 19800 | | | |

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

Item A: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10(b)

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The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item B: Timely Application for the Renewal of Title V Permits -6 NYCRR Part 201-6.2(a)(4)

Owners and/or operators of facilities having an issued Title V 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.

Item C: Certification by a Responsible Official - 6 NYCRR Part 201-6.2(d)(12)

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item D: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.4(a)(2)

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item E: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.4(a)(3)

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

Item F: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4(a)(5)

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

Item G: Property Rights - 6 NYCRR 201-6.4(a)(6)

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

Item H: Severability - 6 NYCRR Part 201-6.4(a)(9)

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

Item I: Permit Shield - 6 NYCRR Part 201-6.4(g)

All permittees granted a Title V facility permit shall be covered under the protection of a

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permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item J: Reopening for Cause - 6 NYCRR Part 201-6.4(i)

This Title V permit shall be reopened and revised under any of the following circumstances:

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.
- ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
- iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.
- iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the

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permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

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)

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.

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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.

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(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_02

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

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

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

Regulatory Analysis

| Location Facility/EU/EP/Process/ES | Regulation | Condition | Short Description |
|---|--------------------|------------------|---|
| -- | | | |
| FACILITY | ECL 19-0301 | 72 | Powers and Duties of the Department with respect to air pollution control |
| U-00001/--/GAS | 40CFR 60-A | 64 | General provisions |
| FACILITY | 40CFR 60-A.4 | 35 | General provisions - Address |
| FACILITY | 40CFR 60-A.7(b) | 36 | Notification and Recordkeeping |
| FACILITY | 40CFR 60-A.7(f) | 37 | Notification and Recordkeeping |
| U-00001/--/GAS | 40CFR 60-XX.502(b) | 65 | Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC |
| U-00001 | 40CFR 60-XX.502(e) | 57 | Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC |
| U-00001/00001 | 40CFR 60-XX.502(f) | 66 | Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC |
| U-00001/00001 | 40CFR 60-XX.502(g) | 67 | Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC |

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| U-00001 | 40CFR 60-XX.502 (h) | 58 | standards for VOC Gasoline terminal loading racks over 20,000 gallons/day - |
| U-00001/00001 | 40CFR 60-XX.502 (i) | 68 | standards for VOC Gasoline terminal loading racks over 20,000 gallons/day - |
| U-00001 | 40CFR 60-XX.502 (j) | 59 | standards for VOC Gasoline terminal loading racks over 20,000 gallons/day - |
| U-00001 | 40CFR 60-XX.505 (b) | 60 | standards for VOC Gasoline terminal loading racks over 20,000 gallons/day - |
| U-00001 | 40CFR 60-XX.505 (c) | 61 | reporting and recordkeeping Gasoline terminal loading racks over 20,000 gallons/day - |
| U-00001 | 40CFR 63-BBBBBB.11088 | 62 | reporting and recordkeeping NESHAP for Area Source Bulk Gasoline Terminals - |
| FACILITY | 40CFR 63-BBBBBB.11089 | 42 | Requirements for Loading Racks NESHAP for Area Source Gasoline Bulk Terminals - Equipment |
| U-00001 | 40CFR 63-BBBBBB.11092 (a) | 63 | Leak Inspections NESHAP for Area Source Gasoline Bulk Terminals - Testing and Monitoring |
| T-TANKS | 40CFR 63-BBBBBB.11092 (e) | 52 | Provisions NESHAP for Area Source Gasoline Bulk Terminals - |
| FACILITY | 40CFR 63-R.420 (a) (2) | 38, 39, 40, 41 | Inspections of gasoline storage tanks Subpart R - Non-major source |
| FACILITY | 40CFR 68 | 18 | Chemical accident prevention provisions |
| FACILITY | 40CFR 82-F | 19 | Protection of Stratospheric Ozone - recycling and emissions reduction |
| FACILITY | 6NYCRR 200.6 | 1 | Acceptable ambient air quality. |
| FACILITY | 6NYCRR 200.7 | 10 | Maintenance of equipment. |
| FACILITY | 6NYCRR 201-1.4 | 73 | Unavoidable noncompliance and violations |
| FACILITY | 6NYCRR 201-1.7 | 11 | Recycling and Salvage |
| FACILITY | 6NYCRR 201-1.8 | 12 | Prohibition of reintroduction of collected contaminants to the air |
| FACILITY | 6NYCRR 201-3.2 (a) | 13 | Exempt Activities - |

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|---------------------|---------------------------------|-----------------|---|
| FACILITY | 6NYCRR 201-3.3 (a) | 14 | Proof of eligibility |
| FACILITY | 6NYCRR 201-6 | 20, 43, 44 | Trivial Activities - proof of eligibility |
| FACILITY | 6NYCRR 201-6.4 (a) (4) | 15 | Title V Permits and the Associated Permit Conditions |
| FACILITY | 6NYCRR 201-6.4 (a) (7) | 2 | General Conditions - Requirement to Provide Information |
| FACILITY | 6NYCRR 201-6.4 (a) (8) | 16 | General Conditions - Fees |
| FACILITY | 6NYCRR 201-6.4 (c) | 3 | General Conditions - Right to Inspect |
| FACILITY | 6NYCRR 201-6.4 (c) (2) | 4 | Recordkeeping and Reporting of Compliance Monitoring Records of Monitoring, Sampling and Measurement |
| FACILITY | 6NYCRR 201- 6.4 (c) (3) (ii) | 5 | Reporting Requirements - Deviations and Noncompliance |
| FACILITY | 6NYCRR 201-6.4 (d) (4) | 21 | Compliance Schedules - Progress Reports |
| FACILITY | 6NYCRR 201-6.4 (e) | 6 | Compliance Certification |
| FACILITY | 6NYCRR 201-6.4 (f) | 22 | Operational Flexibility |
| FACILITY | 6NYCRR 201-6.5 (a) | 74 | State Enforceable Requirements |
| FACILITY | 6NYCRR 201-7.1 | 45 | Emission Capping in Facility Permits |
| FACILITY | 6NYCRR 202-1.1 | 17 | Required emissions tests. |
| FACILITY | 6NYCRR 202-1.2 | 23 | Notification. |
| FACILITY | 6NYCRR 202-1.4 | 24 | Separate emission tests by the commissioner. |
| FACILITY | 6NYCRR 202-1.5 | 25 | Prohibitions. |
| FACILITY | 6NYCRR 202-2.1 | 7 | Emission Statements - Applicability |
| FACILITY | 6NYCRR 202-2.4 (a) (3) | 26 | Emission statement methods and procedures |
| FACILITY | 6NYCRR 202-2.5 | 8 | Emission Statements - record keeping requirements. |
| FACILITY | 6NYCRR 211.1 | 75, 76 | General Prohibitions - air pollution prohibited |
| FACILITY | 6NYCRR 211.2 | 27 | General Prohibitions - visible emissions limited. |
| U-00012 FACILITY | 6NYCRR 212 6NYCRR 215.2 | 69, 70, 71 9 | Process Operations Open Fires - Prohibitions |
| FACILITY | 6NYCRR 225-3.3 (a) | 28 | RVP Limitation - May 1st through September 15th |
| FACILITY | 6NYCRR 225-3.4 (a) | 29 | Gasoline records to be maintained |
| FACILITY | 6NYCRR 225-3.4 (b) | 30 | Records to be provided with distributed gasoline |

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| FACILITY | 6NYCRR 225-3.4 (d) | 31 | Maintenance and availability of gasoline records |
| S--TANK/TK019 | 6NYCRR 229.1 (b) (2) (iv) | 46 | Small VOL tanks - NYC metro |
| S--TANK/TK020 | 6NYCRR 229.1 (b) (2) (iv) | 47 | Small VOL tanks - NYC metro |
| S--TANK/TK021 | 6NYCRR 229.1 (b) (2) (iv) | 48 | Small VOL tanks - NYC metro |
| S--TANK/TK022 | 6NYCRR 229.1 (b) (2) (iv) | 49 | Small VOL tanks - NYC metro |
| S--TANK/TK028 | 6NYCRR 229.1 (b) (2) (iv) | 50 | Small VOL tanks - NYC metro |
| U-00001 | 6NYCRR 229.3 (d) | 55 | Gasoline loading terminals |
| U-00001 | 6NYCRR 229.3 (d) (1) | 56 | Gasoline loading terminals |
| T-TANKS/-/VOL | 6NYCRR 229.3 (e) (1) | 53 | Volatile organic liquid storage tanks |
| FACILITY | 6NYCRR 229.3 (e) (2) (v) | 32 | Volatile organic liquid storage tanks |
| FACILITY | 6NYCRR 229.4 (a) | 33 | Testing and monitoring |
| FACILITY | 6NYCRR 229.5 (c) | 34 | Recordkeeping - gasoline loading terminals |

Applicability Discussion:

Mandatory Requirements: The following facility-wide regulations are included in all Title V permits:

ECL 19-0301

This section of the Environmental Conservation Law establishes the powers and duties assigned to the Department with regard to administering the air pollution control program for New York State.

6 NYCRR 200.6

Acceptable ambient air quality - prohibits contravention of ambient air quality standards without mitigating measures

6 NYCRR 200.7

Anyone owning or operating an air contamination source which is equipped with an emission control device must operate the control consistent with ordinary and necessary practices, standards and procedures, as per manufacturer's specifications and keep it in a satisfactory state of maintenance and repair so that it operates effectively

6 NYCRR 201-1.4

This regulation specifies the actions and recordkeeping and reporting requirements for any violation of an applicable state enforceable emission standard that results from a necessary scheduled equipment maintenance, start-up, shutdown, malfunction or upset in the event that these are unavoidable.

6 NYCRR 201-1.7

Requires the recycle and salvage of collected air contaminants where practical

6 NYCRR 201-1.8

Prohibits the reintroduction of collected air contaminants to the outside air

6 NYCRR 201-3.2 (a)

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An owner and/or operator of an exempt emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains exempt emission sources or units, 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.

6 NYCRR 201-3.3 (a)

The owner and/or operator of a trivial emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains trivial emission sources or units subject to 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.

6 NYCRR Subpart 201-6

This regulation applies to those terms and conditions which are subject to Title V permitting. It establishes the applicability criteria for Title V permits, the information to be included in all Title V permit applications as well as the permit content and terms of permit issuance. This rule also specifies the compliance, monitoring, recordkeeping, reporting, fee, and procedural requirements that need to be met to obtain a Title V permit, modify the permit and demonstrate conformity with applicable requirements as listed in the Title V permit. For permitting purposes, this rule specifies the need to identify and describe all emission units, processes and products in the permit application as well as providing the Department the authority to include this and any other information that it deems necessary to determine the compliance status of the facility.

6 NYCRR 201-6.4 (a) (4)

This mandatory requirement applies to all Title V facilities. It requires the permittee to provide information that the Department may request in writing, within a reasonable time, in order to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The request may include copies of records required to be kept by the permit.

6 NYCRR 201-6.4 (a) (7)

This is a mandatory condition that requires the owner or operator of a facility subject to Title V requirements to pay all applicable fees associated with the emissions from their facility.

6 NYCRR 201-6.4 (a) (8)

This is a mandatory condition for all facilities subject to Title V requirements. It allows the Department to inspect the facility to determine compliance with this permit, including copying records, sampling and monitoring, as necessary.

6 NYCRR 201-6.4 (c)

This requirement specifies, in general terms, what information must be contained in any required compliance monitoring records and reports. This includes the date, time and place of any sampling, measurements and analyses; who performed the analyses; analytical techniques and methods used as well as any required QA/QC procedures; results of the analyses; the operating conditions at the time of sampling or measurement and the identification of any permit deviations. All such reports must also be certified by the designated responsible official of the facility.

6 NYCRR 201-6.4 (c) (2)

This requirement specifies that all compliance monitoring and recordkeeping is to be conducted according

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to the terms and conditions of the permit and follow all QA requirements found in applicable regulations. It also requires monitoring records and supporting information to be retained for at least 5 years from the time of sampling, measurement, report or application. Support information is defined as including all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

6 NYCRR 201-6.4 (c) (3) (ii)

This regulation specifies any reporting requirements incorporated into the permit must include provisions regarding the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6 NYCRR 201-6.4 (d) (4)

This condition applies to every Title V facility subject to a compliance schedule. It requires that reports, detailing the status of progress on achieving compliance with emission standards, be submitted semiannually.

6 NYCRR 201-6.4 (e)

Sets forth the general requirements for compliance certification content; specifies an annual submittal frequency; and identifies the EPA and appropriate regional office address where the reports are to be sent.

6 NYCRR 202-1.1

This regulation allows the department the discretion to require an emission test for the purpose of determining compliance. Furthermore, the cost of the test, including the preparation of the report are to be borne by the owner/operator of the source.

6 NYCRR 202-2.5

This rule specifies that each facility required to submit an emission statement must retain a copy of the statement and supporting documentation for at least 5 years and must make the information available to department representatives.

6 NYCRR 211.2

This regulation limits opacity from sources to less than or equal to 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

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.

40 CFR Part 68

This Part lists the regulated substances and their applicability thresholds and sets the requirements for stationary sources concerning the prevention of accidental releases of these substances.

40 CFR Part 82, Subpart F

Subpart F requires the reduction of emissions of class I and class II refrigerants to the lowest achievable level during the service, maintenance, repair, and disposal of appliances in accordance with section 608 of the Clean Air Act Amendments of 1990. This subpart applies to any person servicing, maintaining, or repairing appliances except for motor vehicle air conditioners. It also applies to persons disposing of appliances, including motor vehicle air conditioners, refrigerant reclaimers, appliance owners, and manufacturers of appliances and recycling and recovery equipment. Those individuals, operations, or

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activities affected by this rule, may be required to comply with specified disposal, recycling, or recovery practices, leak repair practices, recordkeeping and/or technician certification requirements.

Facility Specific Requirements

In addition to Title V, SHELL OIL PRODUCTS US - LONG ISLAND TERMINAL has been determined to be subject to the following regulations:

40 CFR 60.4

This condition lists the USEPA Region 2 address for the submittal of all communications to the "Administrator". In addition, all such communications must be copied to NYSDEC Bureau of Quality Assurance (BQA).

40 CFR 60.502 (b)

This requirement restricts the emissions of volatile organic compounds (VOC's) from any vapor collection system due to the loading of liquid product into gasoline tank trucks to 35 milligrams of total organic compounds per liter of gasoline loaded or less, except for each affected facility equipped with an existing vapor processing system, as noted in 40 CFR 60. 502(c)

40 CFR 60.502 (e)

This regulation specifies the procedures for loading liquid product into vapor-tight gasoline trucks.

40 CFR 60.502 (f)

This regulation requires that loadings of gasoline tank trucks are to be made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.

40 CFR 60.502 (g)

This regulation requires 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 tracks.

40 CFR 60.502 (h)

This regulation requires that 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.

40 CFR 60.502 (i)

This regulation prohibits the opening of any pressure-vacuum vent in the bulk gasoline terminal's vapor collection system at a system pressure less than 4,500 pascals (450 mm of water).

40 CFR 60.502 (j)

This regulation requires the inspection of the vapor collection system, the vapor processing system, and each loading rack handling gasoline during the loading of gasoline tank trucks for

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total organic compounds liquid or vapor leaks, each calendar month. Each detection of a leak is to be recorded and the source of the leak repaired within 15 calendar days after it is detected.

40 CFR 60.505 (b)

The documentation file for each gasoline tank truck is to be updated at least once per year to reflect current test results as determined by Method 27. This documentation shall include, as a minimum, the following information:

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

40 CFR 60.505 (c)

This regulation requires that a record of each monthly leak inspection required be kept on file at the terminal for at least 2 years. Inspection records shall include, as a minimum, the following information:

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

40 CFR 60.7 (b)

This regulation requires the owner or operator to maintain records of the occurrence and duration of any startup, shutdown, or malfunction of the source or control equipment or continuous monitoring system.

40 CFR 60.7 (f)

This condition specifies requirements for maintenance of files of all measurements, including continuous monitoring system (CMS), monitoring device, and performance testing measurements; all CMS performance evaluations; all CMS or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices for at least two years.

40 CFR 63.11088

This regulation sets forth the requirements for gasoline loading racks located at gasoline loading terminals, including requirements to equip your loading rack(s) with a vapor collection system designed to collect the TOC vapors displaced from cargo tanks during product loading, and reduce emissions of TOC to less than or equal to 80 mg/l of gasoline loaded into gasoline cargo tanks at the loading rack, and

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design and operate the vapor collection system to prevent any TOC vapors collected at one loading rack or lane from passing through another loading rack or lane to the atmosphere.

40 CFR 63.11089

This regulation requires owners of gasoline tank terminals to perform a monthly leak inspection of all equipment in gasoline service.

40 CFR 63.11092 (a)

This regulation requires the owners of gasoline tank storage facilities to conduct a performance test on the vapor processing and collection systems at the facility.

40 CFR 63.11092 (e) (1)

This citation details the inspection requirements for gasoline storage tanks with an internal floating roof.

40 CFR 63.420 (a) (2)

This subdivision of the Gasoline Distribution MACT exempts non-major sources of hazardous air pollutants from the regulation.

40 CFR Part 60, Subpart A

This regulation contains the General Provisions of 40 CFR 60. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements

6 NYCRR 201-6.4 (f)

This section describes the potential for certain operational changes to be made by the facility owner or operator without first obtaining a permit modification. Changes made pursuant to this provision must meet all of the criteria described in this section to qualify for consideration as operational flexibility. The Department reserves the right to require the facility owner or operator to obtain a permit modification prior to making any changes at the facility pursuant to this section.

6 NYCRR 201-6.5 (a)

This subdivision states that the Department shall include state enforceable conditions in Title V permits. State enforceable conditions related to regulations developed pursuant to the Climate Leadership and Community Protection Act (CLCPA) and Article 75 of New York State Environmental Conservation Law may be included in future versions of this permit, as applicable.

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6 NYCRR 201-7.1

This regulation sets forth an emission cap for U-00001 and T-TANKS units in order to avoid new source review.

6 NYCRR 202-1.2

This regulation specifies that the department is to be notified at least 30 days in advance of any required stack test. The notification is to include a list of the procedures to be used that are acceptable to the department. Finally, free access to observe the stack test is to be provided to the department's representative.

6 NYCRR 202-1.4

This regulation allows the department discretion to conduct separate or additional emission tests, including preparation of the testing site, at the source owner's expense, to determine compliance.

6 NYCRR 202-1.5

This rule prohibits the concealment of an emission by the use of air or other gaseous diluents (diluting agents) to achieve compliance with an emission standard which is based on the concentration of a contaminant in the gases emitted through a stack.

6 NYCRR 202-2.4 (a) (3)

Once a facility is required to submit annual emission statements electronically, emission statements must be submitted to the department per the specified schedule, in this regulation beginning the reporting year that a Title V permit containing a condition mandating electronic submittal is issued.

6 NYCRR 211.1

This regulation requires that 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.

6 NYCRR 225-3.3 (a)

This citation states the Reid vapor pressure limit for gasoline from May 1st through September 15th.

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6 NYCRR 225-3.4 (a)

This regulation requires the owner or operator of any refinery, terminal or bulk plant to maintain records of the amount of gasoline delivered to or distributed from the facility.

6 NYCRR 225-3.4 (b)

This regulation specifies the records that shall be provided with gasoline distributed from the facility. These include the maximum Reid vapor pressure of the gasoline, the time period it is intended to be dispensed and the quantity and shipment date.

6 NYCRR 225-3.4 (d)

This regulation requires the facility to maintain records that may be required under 6 NYCRR Part 225-3.4(a), (b) or (c). These records must be made available to the commissioner or his or her representative, for inspection during normal business hours, at the location from which the gasoline was delivered, sold, or dispensed.

6 NYCRR 229.1 (b) (2) (iv)

This requires the owner or operator of any volatile organic liquid with a capacity greater than 10,000 gallons but less than 20,000 gallons located at facilities in the New York City metropolitan which have an annual potential to emit volatile organic compounds from all sources regardless of process type, but excluding combustion installations, of 25 tons or greater to meet the requirements of the compliance schedule in subdivision (g) of this section and the control requirements of section 229.3(e)(2)(iv) of this Part.

6 NYCRR 229.3 (d)

This rule contains the emission limits and operating requirements for gasoline loading terminals (i.e. those facilities with an average daily throughput of gasoline greater than 20,000 gallons).

6 NYCRR 229.3 (d) (1)

This regulation requires gasoline vapor collection and control systems subject to Part 229 to capture gasoline vapors during loading and unloading of gasoline transport vehicles, and condense, absorb, adsorb or combust the gasoline vapors so emissions do not exceed 0.67 pounds per 1,000 gallons of gasoline loaded or unloaded. The requirement allows equivalent control systems provided they are acceptable to the department. Test methods to determine the level of gasoline vapors which are acceptable to the commissioner must be used to determine compliance with this standard.

6 NYCRR 229.3 (e) (1)

This regulation requires fixed roof storage tanks subject to Part 229 to be equipped with an internal floating roof with a liquid-mounted primary seal and gasketed fittings, or equivalent control. Furthermore, replacement of other than liquid mounted seals is to be performed only when the tank is cleaned and gas-freed for other purposes.

6 NYCRR 229.3 (e) (2) (v)

This section requires the tank to be equipped with conservation vents for storage of volatile organic liquids.

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6 NYCRR 229.4 (a)

This subdivision specifies the test methods that must be used when a test is required to determine compliance with Part 229.

6 NYCRR 229.5 (c)

This subdivision specifies that a record of the average daily gasoline throughput, in gallons per year be maintained for gasoline loading terminals subject to Part 229.

6 NYCRR Part 212

Part 212 applies to process emission sources and/or emission points associated with a process operation, unless excepted from the provision of this Part pursuant to Section 212-1.4 of this Subpart.

Compliance Certification

Summary of monitoring activities at SHELL OIL PRODUCTS US - LONG ISLAND TERMINAL:

| Location Facility/EU/EP/Process/ES | Cond No. | Type of Monitoring |
|---|-----------------|---|
| ----- | | |
| U-00001/-/GAS | 65 | intermittent emission testing |
| U-00001 | 57 | record keeping/maintenance procedures |
| U-00001 | 58 | monitoring of process or control device parameters as surrogate |
| U-00001 | 59 | record keeping/maintenance procedures |
| U-00001 | 60 | record keeping/maintenance procedures |
| U-00001 | 61 | record keeping/maintenance procedures |
| U-00001 | 62 | record keeping/maintenance procedures |
| FACILITY | 42 | record keeping/maintenance procedures |
| U-00001 | 63 | intermittent emission testing |
| T-TANKS | 52 | record keeping/maintenance procedures |
| FACILITY | 38 | monitoring of process or control device parameters as surrogate |
| FACILITY | 39 | work practice involving specific operations |
| FACILITY | 40 | monitoring of process or control device parameters as surrogate |
| FACILITY | 41 | work practice involving specific operations |
| FACILITY | 5 | record keeping/maintenance procedures |
| FACILITY | 6 | record keeping/maintenance procedures |
| T-TANKS | 51 | monitoring of process or control device parameters as surrogate |
| U-00001 | 54 | monitoring of process or control device parameters as surrogate |
| FACILITY | 7 | record keeping/maintenance procedures |
| FACILITY | 76 | record keeping/maintenance procedures |
| U-00012 | 69 | work practice involving specific operations |
| U-00012 | 70 | work practice involving specific operations |

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| U-00012 | 71 | record keeping/maintenance procedures |
| FACILITY | 28 | work practice involving specific operations |
| FACILITY | 29 | record keeping/maintenance procedures |
| FACILITY | 30 | record keeping/maintenance procedures |
| FACILITY | 31 | record keeping/maintenance procedures |
| U-00001 | 55 | monitoring of process or control device parameters as surrogate |
| U-00001 | 56 | record keeping/maintenance procedures |
| T-TANKS/-/VOL | 53 | record keeping/maintenance procedures |
| FACILITY | 32 | record keeping/maintenance procedures |
| FACILITY | 33 | record keeping/maintenance procedures |
| FACILITY | 34 | record keeping/maintenance procedures |

Basis for Monitoring

Emission units S-Tanks and T-Tanks are subject to various Part 229 requirements, depending size.

Emission Unit U-00001 (the Vapor Recovery Unit) is subject to Subpart BBBBBB and XX, both under 40 CFR Part 60. U-00001 is also subject to Part 229 regulations as well Part 230 requirements relating to gasoline transport vehicles . U-00001 is equipped with a CEMS to monitor hydrocarbons from the VRU stack.

Benzene and POM are required to undergo Part 212 modeling, which the facility has submitted. This follows the DAR-1 guidance.

To quantify emission the permit contains a number of throughput limits, which are reported to the DEC.