



Facility Identification Data

Name: BUFFALO TERMINAL
Address: 625 ELK ST
BUFFALO, NY 14210

Owner/Firm

Name: BUCKEYE TERMINALS LLC
Address: 9999 HAMILTON BLVD - TEK PARK 5
BREINIGSVILLE, PA 18031, USA
Owner Classification: Corporation/Partnership

Permit Contacts

Division of Environmental Permits:
Name: DOUGLAS E BORSCHEL
Address: 270 MICHIGAN AVE
BUFFALO, NY 14203-2999
Phone:7168517165

Division of Air Resources:
Name: ALAN J ZYLINSKI
Address: NYSDEC
270 MICHIGAN AVE
BUFFALO, NY 14203-2915
Phone:7168517130

Air Permitting Contact:
Name: JASON L MENGEL
Address: BUCKEYE TERMINALS LLC
9999 HAMILTON BLVD TEK PARK 5
BREINIGSVILLE, PA 18031
Phone:6109044000

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

Application for second renewal of Air Title V Facility.

Attainment Status

BUFFALO TERMINAL is located in the town of BUFFALO in the county of ERIE. 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*	MARGINAL 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

This facility is classified as a gasoline/distillate loading terminal consisting of six (6) storage tanks of different volumes containing petroleum hydrocarbon with a true vapor pressure greater than 1.5 psia along with several other storage tanks containing gasoline additives and heating oil/diesel. One (1) loading rack with three (3) bays is located on-site. Gasoline and distillate loading is controlled with a vapor recovery unit.

Permit Structure and Description of Operations

The Title V permit for BUFFALO 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.

BUFFALO TERMINAL is defined by the following emission unit(s):

Emission unit 1RACK1 - TRUCK LOADING RACK WITH THREE (3) BAYS: ONE (1) USED TO LOAD GASOLINE, ONE (1) USED TO LOAD DISTILLATE AND TRANSMIX, AND ONE (1) USED TO LOAD BOTH GASOLINE AND DISTILLATE.

Emission unit 1RACK1 is associated with the following emission points (EP):
00001

It is further defined by the following process(es):

Process: RDS is located at LOADING AREA - TANK TRUCKS ARE BOTTOM LOADED WITH DISTILLATE AT 2 BAYS. VAPORS ARE SENT TO THE VAPOR RECOVERY UNIT.

Process: RGS is located at LOADING AREA - GASOLINE TANK TRUCKS ARE LOADED AT 2 BAYS. TRANSMIX (CONTAINING GASOLINE) IS LOADED AT 1 BAY. VAPORS ARE COLLECTED AND SENT TO THE VAPOR RECOVERY UNIT.

Process: TTV is located at LOADING AREA - FUGITIVE EMISSIONS FROM LEAKS FROM TANK TRUCKS DURING LOADING.

Process: VCU is located at LOADING AREA - FUGITIVE EMISSIONS FROM LOSSES FROM THE VAPOR REDUCTION UNIT.

Emission unit 1TANKS - SIX (6) STORAGE TANKS OF DIFFERENT VOLUMES CONTAINING PETROLEUM HYDROCARBON WITH A TRUE VAPOR PRESSURE GREATER THAN 1.5 PSIA. ALL ARE FIXED ROOF TANKS WITH INTERNAL FLOATING ROOFS. TK038 IS 93' DIA X 48' H; TK075 IS 90' DIA X 40' H; TK097 IS 93' DIA X 48' H; TK099 IS 93' DIA X 48' H; TK171 IS 90' DIA X 40' H; TK176 IS 130' DIA X 40' H.

It is further defined by the following process(es):

Process: FG1 is located at TANK FARM - MISCELLANEOUS FUGITIVE HAP AND VOC EMISSIONS FROM VALVES, PUMPS, AND FLANGE LEAKAGE. ALL EMISSIONS ARE AT INSIGNIFICANT LEVELS.

Process: GAS is located at TANK FARM - 6 STORAGE TANKS, EACH HAVING A CAPACITY OF GREATER THAN 40,000 GALLONS, STORE PRODUCTS WITH A VAPOR PRESSURE OF < 10.9 psia (GASOLINE, ETHANOL, TRANSMIX, DISTILLATES, BLENDSTOCKS). EACH TANK HAS A FIXED ROOF WITH AN INTERNAL FLOATING ROOF SYSTEM.

Title V/Major Source Status

BUFFALO TERMINAL is subject to Title V requirements. This determination is based on the following information:

This facility is considered a major source because the facility's potential to emit VOC emissions is greater than the major facility threshold of 50 tons per year.

Program Applicability

The following chart summarizes the applicability of BUFFALO TERMINAL with regards to the principal air pollution 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	YES
SIP	YES

NOTES:

PSD Prevention of Significant Deterioration (40 CFR 52) - 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 Part 231) - 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) - 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) - 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) - 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) - regulations which mandate the implementation of the acid rain control program for large stationary combustion facilities.

Title VI Stratospheric Ozone Protection (40 CFR 82, Subparts A thru G) - 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 212.10, 226, 227-2, 228, 229, 230, 232, 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) - 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

4226
5171

Description

SPECIAL WAREHOUSING & STORAGE
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

4-04-001-51

4-04-001-52

4-04-001-54

Description

BULK TERMINALS/PLANTS
BULK TERMINALS
Valves, Flanges, and Pumps
BULK TERMINALS/PLANTS
BULK TERMINALS
Vapor Collection Losses
BULK TERMINALS/PLANTS
BULK TERMINALS



4-04-001-60 Tank Truck Vapor Leaks
BULK TERMINALS/PLANTS
BULK TERMINALS
INTERNAL FLOAT ROOF W/ PRIMARY SEAL-SPECIFY LIQUID:STANDING
LOSS

4-04-002-50 BULK TERMINALS/PLANTS
BULK PLANTS
Loading Racks

Facility Emissions Summary

In the following table, the CAS No. or Chemical Abstract Series 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 of 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 Range represents an emission range for a contaminant. Any PTE quantity that is displayed represents a facility-wide emission cap or limitation for that contaminant. If no PTE quantity is displayed, the PTE Range is provided to indicate the approximate magnitude of facility-wide emissions for the specified contaminant in terms of tons per year (tpy). 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 Name	PTE	
		lbs/yr	Range
000092-52-4	1, 1 BIPHENYL	19990	
000108-38-3	1,3 DIMETHYL BENZENE	19990	
000095-48-7	2-METHYL-PHENOL	19990	
000071-43-2	BENZENE	19990	
000098-82-8	BENZENE, (1-METHYLETHYL)	19990	
000100-41-4	ETHYLBENZENE	19990	
0NY100-00-0	HAP	49800	
000110-54-3	HEXANE	19990	
001634-04-4	METHYL TERTBUTYL ETHER	19990	
000091-20-3	NAPHTHALENE	19990	
000540-84-1	PENTANE, 2,2,4-TRIMETHYL-	19990	
000108-95-2	PHENOL	19990	
000108-88-3	TOLUENE	19990	
0NY998-00-0	VOC		>= 50 tpy but < 100 tpy

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

Item A: Emergency Defense - 6NYCRR Part 201-1.5

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

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and



Permit Review Report

Permit ID: 9-1402-00600/00025

Renewal Number: 2

03/03/2009

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

Item B: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part

201-1.10(b)
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 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part

201-6.3(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 D: Certification by a Responsible Official - 6 NYCRR Part

201-6.3(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 E: Requirement to Comply With All Conditions - 6 NYCRR Part

201-6.5(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 F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(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 G: Cessation or Reduction of Permitted Activity Not a Defense - 6NYCRR

Part 201-6.5(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 H: Property Rights - 6 NYCRR Part 201-6.5(a)(6)

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

Item I: Severability - 6 NYCRR Part 201-6.5(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 J: Permit Shield - 6 NYCRR Part 201-6.5(g)

All permittees granted a Title V facility permit shall be covered under the protection of a 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 K: Reopening for Cause - 6 NYCRR Part 201-6.5(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 permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item L: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged



Permit Review Report

Permit ID: 9-1402-00600/00025

Renewal Number: 2

03/03/2009

to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

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

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**Item A: 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		87	Powers and Duties of the Department with respect to air pollution control
1-RACK1	40CFR 60-A.4	37	General provisions - Address
1-TANKS	40CFR 60-A.4	57	General provisions - Address
1-RACK1	40CFR 60-A.7(b)	38	Notification and Recordkeeping
1-TANKS	40CFR 60-A.7(b)	58	Notification and Recordkeeping
1-RACK1	40CFR 60-A.7(f)	39	Notification and Recordkeeping
1-TANKS	40CFR 60-A.7(f)	59	Notification and Recordkeeping
1-TANKS/-/GAS/TK171	40CFR 60-K.112(a)	85	Petroleum liquid storage tanks over 40,000 gallons capacity - standard for VOC
1-TANKS/-/GAS/TK171	40CFR 60-K.113(a)	86	Petroleum liquid storage tanks over 40,000 gallons capacity - monitoring of operations
1-TANKS/-/GAS/TK038	40CFR 60-Kb.112b(a)	64	NSPS for volatile organic liquid storage vessels - standard for volatile organic compounds (VOC)
1-TANKS/-/GAS/TK097	40CFR 60-Kb.112b(a)	71	NSPS for volatile organic liquid storage vessels - standard for volatile



Permit Review Report

Permit ID: 9-1402-00600/00025

Renewal Number: 2

03/03/2009

1-TANKS/-/GAS/TK099	40CFR 60-Kb.112b(a)	78	organic compounds (VOC) NSPS for volatile organic liquid storage vessels- standard for volatile
1-TANKS/-/GAS/TK038	40CFR 60-Kb.113b(a) (2)	65	organic compounds (VOC) NSPS for volatile organic liquid storage vessels-
1-TANKS/-/GAS/TK097	40CFR 60-Kb.113b(a) (2)	72	testing and procedures NSPS for volatile organic liquid storage vessels-
1-TANKS/-/GAS/TK099	40CFR 60-Kb.113b(a) (2)	79	testing and procedures NSPS for volatile organic liquid storage vessels-
1-TANKS/-/GAS/TK038	40CFR 60-Kb.113b(a) (4)	66	testing and procedures NSPS for volatile organic liquid storage vessels-
1-TANKS/-/GAS/TK097	40CFR 60-Kb.113b(a) (4)	73	testing and procedures NSPS for volatile organic liquid storage vessels-
1-TANKS/-/GAS/TK099	40CFR 60-Kb.113b(a) (4)	80	testing and procedures NSPS for volatile organic liquid storage vessels-
1-TANKS/-/GAS/TK038	40CFR 60-Kb.113b(a) (5)	67	testing and procedures NSPS for volatile organic liquid storage vessels-
1-TANKS/-/GAS/TK097	40CFR 60-Kb.113b(a) (5)	74	testing and procedures NSPS for volatile organic liquid storage vessels-
1-TANKS/-/GAS/TK099	40CFR 60-Kb.113b(a) (5)	81	testing and procedures NSPS for volatile organic liquid storage vessels-
1-TANKS/-/GAS/TK038	40CFR 60-Kb.115b(a)	68	testing and procedures NSPS for volatile organic liquid storage vessels-
1-TANKS/-/GAS/TK097	40CFR 60-Kb.115b(a)	75	reporting and recordkeeping requirements NSPS for volatile organic liquid storage vessels-
1-TANKS/-/GAS/TK099	40CFR 60-Kb.115b(a)	82	reporting and recordkeeping requirements NSPS for volatile organic liquid storage vessels-
1-TANKS/-/GAS/TK038	40CFR 60-Kb.116b(b)	69	reporting and recordkeeping requirements NSPS for volatile organic liquid storage vessels-
1-TANKS/-/GAS/TK097	40CFR 60-Kb.116b(b)	76	monitoring of operations NSPS for volatile organic liquid storage vessels-
1-TANKS/-/GAS/TK099	40CFR 60-Kb.116b(b)	83	monitoring of operations NSPS for volatile organic liquid storage vessels-
1-TANKS/-/GAS/TK038	40CFR 60-Kb.116b(c)	70	monitoring of operations NSPS for volatile organic liquid storage vessels-
1-TANKS/-/GAS/TK097	40CFR 60-Kb.116b(c)	77	monitoring of operations NSPS for volatile organic liquid storage vessels-
1-TANKS/-/GAS/TK099	40CFR 60-Kb.116b(c)	84	monitoring of operations NSPS for volatile organic liquid storage vessels-
1-RACK1/00001/RGS/VPORS	40CFR 60-XX.502(b)	53, 54	monitoring of operations Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC
1-RACK1	40CFR 60-XX.502(e)	40	Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC
1-RACK1	40CFR 60-XX.502(f)	41	Gasoline terminal loading racks over 20,000 gallons/day - standards



Permit Review Report

Permit ID: 9-1402-00600/00025

Renewal Number: 2

03/03/2009

1-RACK1	40CFR 60-XX.502 (g)	42	for VOC Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC
1-RACK1	40CFR 60-XX.502 (i)	43	Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC
1-RACK1	40CFR 60-XX.502 (j)	44	Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC
1-RACK1	40CFR 60-XX.505 (b)	45	Gasoline terminal loading racks over 20,000 gallons/day - reporting and recordkeeping
FACILITY	40CFR 63-BBBBBB.11083 (b)	31	Compliance date for an existing affected source
1-TANKS	40CFR 63-BBBBBB.11087	60	NESHAP for Area Source Gasoline Bulk Terminals - Requirements for Tanks
1-TANKS	40CFR 63-BBBBBB.11087 (f)	61	NESHAP for Area Source Gasoline Bulk Terminals - Gasoline storage tank requirement exemption
1-RACK1	40CFR 63-BBBBBB.11088	46	NESHAP for Area Source Bulk Gasoline Terminals - Requirements for Loading Racks
1-RACK1	40CFR 63-BBBBBB.11089	47	NESHAP for Area Source Gasoline Bulk Terminals - Equipment Leak Inspections
1-RACK1	40CFR 63-BBBBBB.11092 (b)	48	NESHAP for Area Source Gasoline Bulk Terminals - Testing and Monitoring Provisions
1-TANKS	40CFR 63-BBBBBB.11092 (e)	62	NESHAP for Area Source Gasoline Bulk Terminals - Inspections of gasoline storage tanks
1-RACK1	40CFR 63-BBBBBB.11093	49	NESHAP for Area Source Gasoline Bulk Terminals - Notifications
1-TANKS	40CFR 63-BBBBBB.11093	63	NESHAP for Area Source Gasoline Bulk Terminals - Notifications
1-RACK1	40CFR 63-BBBBBB.11093 (c)	50	NESHAP for Area Source Gasoline Bulk Terminals - Notifications
1-RACK1	40CFR 63-BBBBBB.11094 (c)	51	NESHAP for Area Source Gasoline Bulk Terminals - Recordkeeping
FACILITY	40CFR 63-R	27	Subpart R- Gasoline Distribution Facility
FACILITY	40CFR 63-R.420	25, 26	NESHAP Subpart R- Gasoline Distribution Facility
1-RACK1	40CFR 64	52	NESHAP COMPLIANCE ASSURANCE MONITORING
FACILITY	40CFR 68	21	Chemical accident prevention provisions
FACILITY	40CFR 82-F	22	Protection of Stratospheric Ozone - recycling and emissions reduction
FACILITY	6NYCRR 200.6	1	Acceptable ambient air quality.
FACILITY	6NYCRR 200.7	10	
FACILITY	6NYCRR 201-1.4	88	Unavoidable noncompliance and violations
FACILITY	6NYCRR 201-1.7	11	
FACILITY	6NYCRR 201-1.8	12	Prohibition of



Permit Review Report

Permit ID: 9-1402-00600/00025

Renewal Number: 2

03/03/2009

FACILITY	6NYCRR 201-3.2 (a)	13	reintroduction of collected contaminants to the air
FACILITY	6NYCRR 201-3.3 (a)	14	Exempt Activities - Proof of eligibility
FACILITY	6NYCRR 201-6	23, 32, 33	Trivial Activities - proof of eligibility
FACILITY	6NYCRR 201-6.5 (a) (4)	15	Title V Permits and the Associated Permit Conditions
FACILITY	6NYCRR 201-6.5 (a) (7)	2	
FACILITY	6NYCRR 201-6.5 (a) (8)	16	
FACILITY	6NYCRR 201-6.5 (c)	3	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.5 (c) (2)	4	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.5 (c) (3) (ii)	5	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.5 (d) (5)	17	
FACILITY	6NYCRR 201-6.5 (e)	6	
FACILITY	6NYCRR 201-6.5 (f) (6)	18	
FACILITY	6NYCRR 201-7.1	24, 25, 26, 27, 34	Federally Enforceable Emissions Caps
FACILITY	6NYCRR 202-1.1	19	
FACILITY	6NYCRR 202-2.1	7	Emission Statements - Applicability
FACILITY	6NYCRR 202-2.5	8	Emission Statements - record keeping requirements.
FACILITY	6NYCRR 211.2	89	General Prohibitions - air pollution prohibited.
FACILITY	6NYCRR 211.3	20	General Prohibitions - visible emissions limited
FACILITY	6NYCRR 215	9	
FACILITY	6NYCRR 225-1.8 (b)	28	Reports, sampling and analysis.
FACILITY	6NYCRR 225-1.8 (d)	29	Reports, sampling, and analysis
1-TANKS	6NYCRR 229.3 (a)	55	Petroleum fixed roof tank control requirements
1-TANKS	6NYCRR 229.5 (a)	56	Recordkeeping - petroleum liquid fixed roof storage tanks
FACILITY	6NYCRR 229.5 (c)	30	Recordkeeping - gasoline loading terminals
1-RACK1	6NYCRR 230.2 (a) (1)	35	
1-RACK1	6NYCRR 230.2 (f)	36	

Applicability Discussion:

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

ECL 19-301.

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.

6NYCRR Part 200-.6

Acceptable ambient air quality - prohibits contravention of ambient air quality



standards without mitigating measures

6NYCRR Part 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

6NYCRR Part 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.

6NYCRR Part 201-1.7

Requires the recycle and salvage of collected air contaminants where practical

6NYCRR Part 201-1.8

Prohibits the reintroduction of collected air contaminants to the outside air

6NYCRR Part 201-3.2(a)

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.

6NYCRR Part 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.

6NYCRR Part 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.

6NYCRR 201-6.5(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.

6NYCRR 201-6.5(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.

6NYCRR 201-6.5(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.

6NYCRR Part 201-6.5(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.

6NYCRR Part 201-6.5(c)(2)

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

6NYCRR Part 201-6.5(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.

6NYCRR 201-6.5(d)(5)

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.

6NYCRR Part 201-6.5(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.

6NYCRR 201-6.5(f)(6)

This condition allows changes to be made at the facility, without modifying the permit, provided the changes do not cause an emission limit contained in this permit to be exceeded. The owner or operator of the facility must notify the Department of the change. It is applicable to all Title V permits which may be subject to an off permit change.

6NYCRR Part 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.

6NYCRR Part 202-2.1

Requires that emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

6NYCRR Part 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.

6NYCRR Part 211-.2

This regulation prohibits any emissions of air contaminants to the outdoor atmosphere which may be detrimental to human, plant or animal life or to property, or which unreasonably interferes with the comfortable enjoyment of life or property regardless of the existence of any specific air quality standard or emission limit.

6 NYCRR Part 211.3

This condition requires that the opacity (i.e., the degree to which emissions other than water reduce the transmission of light) of the emissions from any air contamination source be less than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent.

6 NYCRR Part 215

Prohibits open fires at industrial and commercial sites.

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 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, BUFFALO TERMINAL has been determined to be subject to the following regulations:

40CFR 60-A.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).

40CFR 60-A.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.

40CFR 60-A.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.

40CFR 60-K.112 (a)

Petroleum liquids stored at vapor pressures of greater than or equal to 1.5 psia and less than 11.1 psia shall be stored in a vessel with a floating roof and a vapor recovery system.

40CFR 60-K.113 (a)

The owner or operator shall maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period.

40CFR 60-Kb.112b (a)

Petroleum liquids stored at vapor pressures of greater than or equal to 5.2 kPa and less than 76.6 kPa shall be stored in a vessel with a fixed roof in combination with an internal floating roof which meets the design criteria of section 40 CFR 60-Kb.112b.

40CFR 60-Kb.113b (a) (2)

For vessels equipped with a liquid-mounted or mechanical shoe primary seal, the owner or operator shall visually inspect the internal floating roof and the primary seal (or the secondary seal if one exists) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill.

40CFR 60-Kb.113b (a) (4)

The owner or operator shall 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.



40CFR 60-Kb.113b (a) (5)

The owner or operator shall notify the Administrator in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required.

40CFR 60-Kb.115b (a)

This regulation describes the reporting and recordkeeping requirements for fixed roof storage vessels equipped with an internal floating roof having a capacity greater than 40 cubic meters, storing volatile organic liquids for which construction, reconstruction, or modification commenced after 7/23/84.

40CFR 60-Kb.116b (b)

Owners or operators of affected storage tanks with capacities greater than or equal to 10,000 gallons must keep records of the tanks dimensions and an analysis of its capacity for the life of the tank. If the tank's capacity is less than 20,000 gallons, then it is subject to no other provisions of this subpart.

40CFR 60-Kb.116b (c)

The owner or operator shall maintain a record of the Volatile Organic Liquid (VOL) stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. These records shall be kept on site for a minimum of 2 years.

40CFR 60-XX.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)

40CFR 60-XX.502 (e)

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

40CFR 60-XX.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.

40CFR 60-XX.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.

40CFR 60-XX.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).

40CFR 60-XX.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 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.

40CFR 60-XX.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).

40CFR 63-BBBBBB.11083 (b)

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

40CFR 63-BBBBBB.11087

The facility must meet each emission limit and management practice in Table 1 to this subpart that applies to each gasoline storage tank.

40CFR 63-BBBBBB.11087 (f)

If your gasoline storage tank is subject to, and complies with, the control requirements of 40 CFR part 60, subpart Kb of this chapter, your storage tank will be deemed in compliance with this section. You must report this determination in the Notification of Compliance Status report under §63.11093(b).

40CFR 63-BBBBBB.11088

The facility must meet each emission limit and management practice in Table 2 to this subpart that applies.

40CFR 63-BBBBBB.11089

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

40CFR 63-BBBBBB.11092 (b) (1) (i) ('A')

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

40CFR 63-BBBBBB.11092 (e) (1)

Each owner/operator subject to the emission standard in §63.11087 for gasoline storage tanks that are equipped with



an internal floating roof shall perform inspections of the floating roof system according to the requirements of §60.113b(a) if the facility is complying with option 2(b) of table 1 of subpart BBBBBB. If the facility is complying with option 2(d) of table 1 of subpart BBBBBB, then the facility shall comply with the requirements in §63.1063(c)(2).

40CFR 63-BBBBBB.11093

Each owner or operator of an affected source under this subpart must submit an Initial Notification as specified in §63.9(b). If the facility is in compliance with the requirements of this subpart at the time the Initial Notification is due, the Notification of Compliance Status required under paragraph (b) of this section may be submitted in lieu of the Initial Notification.

Each owner or operator of an affected source under this subpart must submit a Notification of Compliance Status as specified in §63.9(h). The Notification of Compliance Status must specify which of the compliance options included in Table 1 to this subpart is used to comply with this subpart.

Each owner or operator of an affected bulk gasoline terminal under this subpart must submit a Notification of Performance Test, as specified in §63.9(e), prior to initiating testing required by §63.11092(a) or §63.11092(b).

Each owner or operator of any affected source under this subpart must submit additional notifications specified in §63.9, as applicable.

40CFR 63-BBBBBB.11093 (c)

Each owner/operator of an affected bulk gasoline terminal under subpart BBBBBB must submit a Notification of Performance Test, as specified in §63.9(e), prior to initiating testing required by §63.11092(a) or §63.11092(b).

40CFR 63-BBBBBB.11094 (c)

Each owner/operator of an affected bulk gasoline terminal under subpart BBBBBB must submit a Notification of Performance Test, as specified in §63.9(e), prior to initiating testing required by §63.11092(a) or §63.11092(b).

40CFR 63-R

This regulation applies to bulk gasoline terminals and distribution facilities. Buffalo Terminal is capping out of the requirements of this regulation, as it relates to emissions of hazardous air pollutants, by limiting thruput of gasoline to 400 million gallons per year and for #2 fuel oil to 100 million gallons per year.

40CFR 63-R.420

This regulation applies to bulk gasoline terminals and distribution facilities. Buffalo Terminal is capping out of the requirements of this regulation, as it relates to emissions of hazardous air pollutants, by limiting thruput of gasoline to 400 million gallons per year and for #2 fuel oil to 100 million gallons per year.

40CFR 64

The federal Compliance Assurance Monitoring (CAM) rule, 40 CFR Part 64, requires monitoring of control



device, capture system, and/or process parameters to provide a reasonable assurance of compliance with emission limitations or standards. It applies to emission units that use a control device to comply with certain standards and limitations and that have potential pre-control device emissions equal to or greater than a major source threshold.

Acid Rain program requirements; stratospheric ozone protection requirements; post-1990 New Source Performance Standards, Emission Guidelines, and National Emission Standards for Hazardous Air Pollutants; and some other limitations are exempt from CAM. However, many of the exempt requirements are subject to less stringent periodic monitoring under 40 CFR Part 70 and 6NYCRR Subpart 201-6.

6NYCRR 201-7.1

This regulation sets forth an emission cap that cannot be exceeded by the facility. In this permit that cap is to limit the emissions of hazardous air pollutants (HAPs) below the major source threshold. The facility must limit the throughput of #2 fuel oil to 100 million gallons per year and the throughput of gasoline to 400 million gallons per year. This will limit the emissions of HAPs to less than 10 tons per year of any individual HAP and to less than 25 tons per year of total HAPs.

6NYCRR 225-1.8 (b)

Upon request the owner or operator of a facility which purchases and fires coal or oil shall submit reports to the commissioner containing a fuel analysis, information on the quantity of the fuel received, burned, and results of any stack sampling, stack monitoring and any other procedures to ensure compliance with the provisions of 6 NYCRR Part 225-1. All records shall be available for a minimum of three years

6NYCRR 225-1.8 (d)

This requires that sampling, compositing and analysis of fuel samples must be done in accordance with methods acceptable to the commissioner.

6NYCRR 229 .3 (a)

This subdivision contains the control requirements for petroleum fixed roof tanks.

6NYCRR 229 .5 (a)

This regulation requires that a record be of the capacities, in gallons, of petroleum liquid storage tanks subject to the control requirements for petroleum fixed roof and petroleum liquid external floating roof tanks under Part 229.3, be maintained at the facility for a period of 5 years.

6NYCRR 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.

6NYCRR 230 .2 (a) (1)

This provision requires the gasoline storage tank to be equipped with vapory recovery equipment between the tank and truck.

6NYCRR 230 .2 (f)

Owners and/or operators of gasoline storage tanks, vehicles, and dispensing stations required to install stage 1 and/or stage 2 vapor recovery equipment must meet these provisions. The provisions include training, correct operation, replacement, and repair of personnel and equipment.

Compliance Certification

Summary of monitoring activities at BUFFALO TERMINAL:



Location Facility/EU/EP/Process/ES	Cond No.	Type of Monitoring
1-TANKS/-/GAS/TK171	86	record keeping/maintenance procedures
1-TANKS/-/GAS/TK038	65	record keeping/maintenance procedures
1-TANKS/-/GAS/TK097	72	record keeping/maintenance procedures
1-TANKS/-/GAS/TK099	79	record keeping/maintenance procedures
1-TANKS/-/GAS/TK038	66	record keeping/maintenance procedures
1-TANKS/-/GAS/TK097	73	record keeping/maintenance procedures
1-TANKS/-/GAS/TK099	80	record keeping/maintenance procedures
1-TANKS/-/GAS/TK038	67	record keeping/maintenance procedures
1-TANKS/-/GAS/TK097	74	record keeping/maintenance procedures
1-TANKS/-/GAS/TK099	81	record keeping/maintenance procedures
1-TANKS/-/GAS/TK038	68	record keeping/maintenance procedures
1-TANKS/-/GAS/TK097	75	record keeping/maintenance procedures
1-TANKS/-/GAS/TK099	82	record keeping/maintenance procedures
1-TANKS/-/GAS/TK038	69	record keeping/maintenance procedures
1-TANKS/-/GAS/TK097	76	record keeping/maintenance procedures
1-TANKS/-/GAS/TK099	83	record keeping/maintenance procedures
1-TANKS/-/GAS/TK038	70	record keeping/maintenance procedures
1-TANKS/-/GAS/TK097	77	record keeping/maintenance procedures
1-TANKS/-/GAS/TK099	84	record keeping/maintenance procedures
1-RACK1/00001/RGS/VPORS	53	monitoring of process or control device parameters as surrogate
1-RACK1/00001/RGS/VPORS	54	monitoring of process or control device parameters as surrogate
1-RACK1	40	record keeping/maintenance procedures
1-RACK1	44	record keeping/maintenance procedures
1-RACK1	45	record keeping/maintenance procedures
1-TANKS	60	record keeping/maintenance procedures
1-TANKS	61	record keeping/maintenance procedures
1-RACK1	46	record keeping/maintenance procedures
1-RACK1	47	record keeping/maintenance procedures
1-RACK1	48	continuous emission monitoring (cem)
1-RACK1	51	record keeping/maintenance procedures
1-RACK1	52	record keeping/maintenance procedures
FACILITY	5	record keeping/maintenance procedures
FACILITY	6	record keeping/maintenance procedures
FACILITY	25	work practice involving



Permit Review Report

Permit ID: 9-1402-00600/00025

Renewal Number: 2

03/03/2009

FACILITY	26	specific operations work practice involving specific operations
FACILITY	27	intermittent emission testing
FACILITY	7	record keeping/maintenance procedures
FACILITY	28	record keeping/maintenance procedures
1-TANKS	56	record keeping/maintenance procedures
FACILITY	30	record keeping/maintenance procedures

Basis for Monitoring

Most of the monitoring requirements contained in this permit are based on specific monitoring methods and observations as prescribed in the applicable rules. Facility specific monitoring conditions were written to assure that reliable information is obtained representing the facility's compliance status for the following issues:

HAPs (Hazardous Air Pollutants)

Specific conditions were written to limit the HAP emissions from ExxonMobil's Buffalo Terminal to less than 10 tons per year individually and 25 tons per year totally to prove that the facility emissions remain below the applicability of the National Emission Standards for Gasoline Distribution Facilities. This will be accomplished by monitoring the HAP emissions on a 12-month rolling total basis. In addition, the facility has accepted throughput limitations for gasoline and distillate oil.

VOCs (Volatile Organic Compounds)

In order for ExxonMobil to obtain a higher throughput limit for gasoline and distillates, specific conditions were written to limit the emissions of VOCs from the vapor recovery unit. The facility has accepted a limit of 10 milligrams of total organic compounds per liter of gasoline loaded or less. The 10 milligram per liter limit is more restrictive than the most stringent regulatory requirement, which is 35 milligrams per liter.

CAM (Compliance Assurance Monitoring)

A specific condition was written to comply with 40 CFR Part 64.

CAM will expire on 01/10/2011. This is the date that the VRU becomes subject to the conditions 40 CFR Part 63 Subpart BBBB.

During the permit term, this facility will be subject to portions of 40 CFR Part 63 Subpart BBBB—National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities. This subpart establishes national emission limitations and management practices for hazardous air pollutants (HAP) emitted from area source gasoline distribution bulk terminals, bulk plants, and pipeline facilities. This subpart also establishes requirements to demonstrate compliance with the emission limitations and management practices.

New York State Department of Environmental Conservation



Permit ID: 9-1402-00600/00025

Permit Review Report
Renewal Number: 2

03/03/2009