Facility Identification Data
Name: BUCKEYE ROCHESTER SOUTH TERMINAL
Address: 675 BROOKS AVE
ROCHESTER, NY 14619

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: ROGER T MCDONOUGH
Address: 6274 EAST AVON LIMA RD
AVON, NY 14414-9519
Phone:5852262466

Division of Air Resources:
Name: YUAN ZENG
Address: NYSDEC REGION 8 HQ
6274 E AVON - LIMA RD
AVON, NY 14414-9519
Phone:5852262466

Air Permitting Contact:
Name: MICHAEL A MAUTER
Address: BUCKEYE PIPE LINE CO
3186 GATES RD
AUBURN, NY 13021
Phone:3152535395

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
This permit application is being submitted in order to provide Buckeye with ethanol tankage at the Rochester South Terminal. Buckeye is proposing the construction of six (6) tanks identified as Tanks 11, 12, 13, 14, 15, and 16 to store ethanol. Each of the tanks will be identical 30,000 gallon vertical fixed roof tanks.

Attainment Status
BUCKEYE ROCHESTER SOUTH TERMINAL is located in the town of ROCHESTER in the county of MONROE.

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*	TRANSPORT REGION (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 (6) PERMITTED GASOLINE STORAGE TANKS ALONG WITH SEVERAL OTHER STORAGE TANKS CONTAINING GASOLINE ADDITIVES AND HEATING OIL/DIESEL. (1) LOADING RACK WITH 5 BAYS IS LOCATED ON-SITE. GASOLINE LOADING IS CONTROLLED WITH A VAPOR COMBUSTION UNIT.

Permit Structure and Description of Operations

The Title V permit for BUCKEYE ROCHESTER SOUTH 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.

BUCKEYE ROCHESTER SOUTH TERMINAL is defined by the following emission unit(s):
Emission unit 6TANKS - Tanks 11, 12, 13, 14, 15, and 16 will be permitted to store ethanol. Each of the tanks will be identical 30,000 gallon vertical fixed roof tanks.
Emission unit 6TANKS is associated with the following emission points (EP):
T0011, T0012, T0013, T0014, T0015, T0016
It is further defined by the following process(es):
Process: 003The process includes the throughput of ethanol with a true vapor pressure less than 4.0 psia through Tanks 11-16.

Emission unit 1TANKS - (6) STORAGE TANKS OF DIFFERENT VOLUMES CONTAINING PETROLEUM HYDROCARBONS WITH A VAPOR PRESSURE OF LESS THAN OR EQUAL TO 12 PSIA. ALL ARE FIXED ROOF TANKS WITH INTERNAL FLAOTING ROOFS.
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, STORING PETROLEUM HYDRO-CARBONS WITH A VAPOR PRESSURE OF LESS THAN OR EQUAL TO 12 PSIA. EACH TANK HAS A FIXED ROOF WITH AN INTERNAL FLOATING ROOF SYSTEM.

Emission unit 1RACK1 - TRUCK LOADING RACK WITH 4 BAYS, 2 OF WHICH ARE USED TO LOAD GASOLINE AND 2 OF WHICH ARE USED TO LOAD 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 FROM THE BOTTOM LOADING BAYS ARE SENT TO THE VAPOR COMBUSTION UNIT.
Process: RGS is located at LOADING AREA - GASOLINE TANK TRUCKS ARE BOTTOM LOADED AT 2 BAYS. VAPORS ARE COLLECTED AND ARE SENT THE VAPOR COMBUSTION 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 COMBUSTION UNIT.

Title V/Major Source Status
BUCKEYE ROCHESTER SOUTH TERMINAL is subject to Title V requirements. This determination is based on the following information:
Title V major

Program Applicability
The following chart summarizes the applicability of BUCKEYE ROCHESTER SOUTH 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	Description
5171	PETROLEUM BULK STATIONS & TERMINALS

SCC Codes

SCC or Source Classification Code is a code developed and used" by the USEPA to categorizeprocesses 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
4-04-002-50	BULK TERMINALS/PLANTS
BULK PLANTS	
Loading Racks	
4-04-001-50	BULK TERMINALS/PLANTS
	BULK TERMINALS
	BULK TERMINALS:MISCELLANEOUS LOSSES/LEAKS:LOADING RACKS
4-04-001-60	BULK TERMINALS/PLANTS
	BULK TERMINALS
	INTERNAL FLOAT ROOF W/ PRIMARY SEAL-SPECIFY LIQUID:STANDING

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                        LOSS
4-04-001-54              BULK TERMINALS/PLANTS
                        BULK TERMINALS
                        Tank Truck Vapor Leaks
4-04-001-51              BULK TERMINALS/PLANTS
                        BULK TERMINALS
                        Valves, Flanges, and Pumps
4-04-001-52              BULK TERMINALS/PLANTS
                        BULK TERMINALS
                        Vapor Collection Losses
4-07-008-98              ORGANIC CHEMICAL STORAGE
                        ORGANIC CHEMICAL STORAGE - FIXED ROOF TANKS -
                        ALCOHOLS
                        Specify Alcohol: Working Loss
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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 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 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	pteyear		Y	
000071-43-2	BENZENE	pteyear		Y	
000098-82-8	BENZENE, (1-METHYLETHYL)	pteyear		Y	
000630-08-0	CARBON MONOXIDE	pteyear		B	
001319-77-3	CRESYLIC ACID	pteyear		Y	
000100-41-4	ETHYLBENZENE	pteyear		Y	
0NY100-00-0	HAP	pteyear		C	
000110-54-3	HEXANE	pteyear		Y	
001634-04-4	METHYL TERTBUTYL ETHER		pteyear		Y
000091-20-3	NAPHTHALENE	pteyear		Y	
0NY210-00-0	OXIDES OF NITROGEN	pteyear		B	
0NY075-00-0	PARTICULATES	pteyear		A	
000540-84-1	PENTANE, 2,2,4-TRIMETHYL-	pteyear		Y	
000108-95-2	PHENOL	pteyear		Y	
000100-42-5	STYRENE	pteyear		Y	
007446-09-5	SULFUR DIOXIDE	pteyear		A	
000108-88-3	TOLUENE	pteyear		Y	
0NY998-00-0	VOC	pteyear		F	
001330-20-7	XYLENE, M, O & P MIXT.	pteyear		Y	

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
(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 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		35	Powers and Duties of the Department with respect to air pollution control
1-RACK1	40CFR 60-A.4	18	General provisions - Address
1-RACK1	40CFR 60-A.7(b)	19	Notification and Recordkeeping
1-RACK1	40CFR 60-A.7(f)	20	Notification and Recordkeeping
6-TANKS	40CFR 60-Kb.116b(a)	3-16	NSPS for volatile organic liquid storage vessels-monitoring of operations
6-TANKS	40CFR 60-Kb.116b(b)	3-17	NSPS for volatile organic liquid storage vessels-monitoring of operations
6-TANKS	40CFR 60-Kb.116b(c)	3-18	NSPS for volatile organic liquid storage vessels-monitoring of operations
6-TANKS	40CFR 60-Kb.116b(d)	3-19	NSPS for volatile organic liquid storage vessels-monitoring of operations
1-RACK1/00001/RGS/VPORS	40CFR 60-XX.502(b)	31	Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC
1-RACK1	40CFR 60-XX.502(e)	21	Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC
1-RACK1	40CFR 60-XX.502(f)	22	Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC
1-RACK1	40CFR 60-XX.502(g)	23	Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC
1-RACK1	40CFR 60-XX.502(i)	24	Gasoline terminal loading racks over 20,000 gallons/day - standards for VOC
1-RACK1	40CFR 60-XX.502(j)	25	Gasoline terminal loading racks over 20,000 gallons/day - standards

			for VOC
1-RACK1/00001/RGS/VPORS	40CFR 60-XX.503	32	Gasoline terminal loading racks over 20,000 gallons/day - test methods and procedures
1-RACK1	40CFR 60-XX.505(b)	26	Gasoline terminal loading racks over 20,000 gallons/day - reporting and recordkeeping
1-RACK1	40CFR 60-XX.505(c)	27	Gasoline terminal loading racks over 20,000 gallons/day - reporting and recordkeeping
FACILITY	40CFR 63-R.420(a)(2)	12, 13	
1-RACK1	40CFR 64	28	COMPLIANCE ASSURANCE MONITORING
FACILITY	40CFR 68	3-15	Chemical accident prevention provisions
FACILITY	40CFR 82-F	15	Protection of Stratospheric Ozone - recycling and emissions reduction
FACILITY	6NYCRR 200.6	3-1	Acceptable ambient air quality.
FACILITY	6NYCRR 200.7	3-4	
FACILITY	6NYCRR 201-1.4	36	Unavoidable noncompliance and violations
FACILITY	6NYCRR 201-1.7	3-5	
FACILITY	6NYCRR 201-1.8	3-6	Prohibition of reintroduction of collected contaminants to the air
FACILITY	6NYCRR 201-3.2(a)	3-7	Exempt Activities - Proof of eligibility
FACILITY	6NYCRR 201-3.3(a)	3-8	Trivial Activities - proof of eligibility
FACILITY	6NYCRR 201-6	1, 16, 17	Title V Permits and the Associated Permit Conditions
FACILITY	6NYCRR 201-6.5(a)(4)	3-9	
FACILITY	6NYCRR 201-6.5(a)(7)	3-2	
FACILITY	6NYCRR 201-6.5(a)(8)	3-10	
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)	3-11	
FACILITY	6NYCRR 201-6.5(e)	2	
FACILITY	6NYCRR 201-6.5(f)(6)	3-12	
FACILITY	6NYCRR 201-6.5(g)	6	
FACILITY	6NYCRR 202-1.1	3-13	
FACILITY	6NYCRR 202-2.1	7	Emission Statements - Applicability
FACILITY	6NYCRR 202-2.5	8	Emission Statements - record keeping requirements.
FACILITY	6NYCRR 211.2	37	General Prohibitions - air pollution prohibited.
FACILITY	6NYCRR 211.3	3-14	General Prohibitions - visible emissions limited
FACILITY	6NYCRR 215	3-3	
FACILITY	6NYCRR 225-1.8(b)	9	Reports, sampling and analysis.

FACILITY	6NYCRR 225-1.8(d)	10	Reports, sampling, and analysis
FACILITY	6NYCRR 225-3.3(a)	38	RVP limitation - May 1st thru September 15th
FACILITY	6NYCRR 225-3.4(a)	39	Gasoline records to be maintained
FACILITY	6NYCRR 225-3.4(b)	40	Records to be provided with distributed gasoline
FACILITY	6NYCRR 225-3.4(d)	41	Maintenance and availability of gasoline records
1-TANKS	6NYCRR 229.3(a)	33	Petroleum fixed roof tank control requirements
1-RACK1/00001/RDS/VPORS	6NYCRR 229.3(d)(1)	29	Gasoline loading terminals
1-RACK1/00001/RGS/VPORS	6NYCRR 229.3(d)(1)	30	Gasoline loading terminals
FACILITY	6NYCRR 229.3(d)(2)	11	Gasoline loading terminals
1-TANKS	6NYCRR 229.5(a)	34	Recordkeeping - petroleum liquid fixed roof storage tanks

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 201-6.5(g)
Permit Exclusion Provisions - specifies those actions, such as administrative orders, suits, claims for natural resource damages, etc that are not affected by the federally enforceable portion of the permit, unless they are specifically addressed by it.

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 there 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, BUCKEYE ROCHESTER SOUTH 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-Kb.116b (a)
This is the records retention requirement for all records required by this section.

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)
Recordkeeping requirements for VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.

40CFR 60-Kb.116b (d)
Notification requirements for 40CFR60-Kb affected sources.

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.503
This regulation prescribes the methodology for performance tests (i.e stack tests) to verify compliance with 40CFR60-XX.502(b).

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 60-XX.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.

40CFR 63-R.420 (a) (2)
This subdivision of the Gasoline Distribution MACT exempts non-major sources of hazardous air pollutants from the regulation.

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 201-6.5 (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 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 225-3.3 (a)
This regulation prohibits the sale of any gasoline to a retailer or wholesale purchaser-consumer, which has a Reid vapor pressure greater than 9.0 pounds per square inch (psi) as sampled and tested by methods acceptable to the commissioner, during the period May 1st through September 15th of each year beginning 1989.

6NYCRR 225-3.4 (a)
This regulation specifies the records that must be maintained for the gasoline that is being delivered to or distributed from an applicable facility. The records include: the RVP of the gasoline (if subject to the RVP limitations of 225-3.3); a designation of the appropriate time period(s) the gasoline is to be dispensed to motor vehicles; and a written certification that the gasoline conforms with the RVP and oxygen requirements and is in compliance with applicable federal and state regulations.

6NYCRR 225-3.4 (b)
This regulation specifies the records to be kept with the gasoline which is distributed from facilities. The records include the following:
(1) A copy of the written certification of conformance and compliance;
(2) Documentation of the maximum RVP of the gasoline if subject to the RVP limitations of section 225-3.3;
(3) Designation of the appropriate time period(s) in which the gasoline is intended to be dispensed to motor vehicles.
(4) Documentation of the shipment quantity and the shipment date of the gasoline being distributed.

6NYCRR 225-3.4 (d)
This regulation specifies that any gasoline records tobe kept must be made available for inspection during normal business hours, at the location from which the gasoline was delivered, sold, or dispensed, to the commissioner or his or her representative and copies furnished to department representatives. In addition, all required documentation is to be maintained for at least two years from date of delivery.

6NYCRR 229 .3 (a)
This subdivision contains the control requirements for petroleum fixed roof tanks.

6NYCRR 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.

6NYCRR 229 .3 (d) (2)
This regulation provides standards for a vapor collection systems at a gasoline loading terminals. These include minimum standards for hatch loading systems, bottom loading systems, connecting devices between gasoline transport vehicles and dispensing equipment, and systems that prevent the flow of gasoline into transport vehicles unless a vapor collection sysytem is connected.

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.

Non Applicability Analysis
List of non-applicable rules and regulations:

Location Facility/EU/EP/Process/ES	Regulation	Short Description
1-RACK1	6NYCRR 230	Gasoline Dispensing Sites and Transport Vehicles

Reason: PART 230 APPLIES TO OWNEERS AND OPERATOR OF GASOLINE DISPENSING SITES AND GASOLINE TRANSPORT VEHICLES. THE FACILITY DOES NOT MEET THE DEFINITION OF A GASOLINE DISPENSING SITE AS DEFINED IN 230.1 BECAUSE IT DOES NOT DISPENSE GASOLINE INTO VEHICLE FUEL TANKS OR INTO PORTABLE CONTAINERS USED TO FUEL A MOTOR. GASOLINE TRANSPORT VEHICLES AS DEFINED IN 230.1 ARE NOT STATIONARY SOURCES AS DEFINED IN PART 200, SO THEY SHOULD NOT BE PART OF THE PERMIT.

NOTE: Non-applicability determinations are cited as a permit condition under 6 NYCRR Part 201-6.5(g). This information is optional and provided only if the applicant is seeking to obtain formal confirmation, within an issued Title V permit, that specified activities are not subject to the listed federal applicable or state only requirement. The applicant is seeking to obtain verification that a requirement does not apply for the stated reason(s) and the Department has agreed to include the non-applicability determination in the issued Title V permit which in turn provides a shield against any potential enforcement action.

Compliance Certification
Summary of monitoring activities at BUCKEYE ROCHESTER SOUTH TERMINAL:

Location Facility/EU/EP/Process/ES	Cond No.	Type of Monitoring
6-TANKS	3-16	record keeping/maintenance procedures
6-TANKS	3-17	record keeping/maintenance procedures
6-TANKS	3-18	record keeping/maintenance procedures
6-TANKS	3-19	record keeping/maintenance procedures
1-RACK1/00001/RGS/VPORS	31	record keeping/maintenance procedures
1-RACK1	21	record keeping/maintenance procedures
1-RACK1	25	record keeping/maintenance procedures
1-RACK1/00001/RGS/VPORS	32	intermittent emission testing
1-RACK1	26	record keeping/maintenance procedures
1-RACK1	27	record keeping/maintenance procedures
FACILITY	12	record keeping/maintenance procedures

FACILITY	13	record keeping/maintenance procedures
1-RACK1	28	record keeping/maintenance procedures
FACILITY	5	record keeping/maintenance procedures
FACILITY	2	record keeping/maintenance procedures
FACILITY	7	record keeping/maintenance procedures
FACILITY	9	record keeping/maintenance procedures
FACILITY	38	work practice involving specific operations
FACILITY	39	record keeping/maintenance procedures
1-TANKS	33	record keeping/maintenance procedures
1-RACK1/00001/RDS/VPORS	29	intermittent emission testing
1-RACK1/00001/RGS/VPORS	30	intermittent emission testing
1-TANKS	34	record keeping/maintenance procedures

Basis for Monitoring

Various state & federal environmental regulations.