



**New York State Department of Environmental Conservation**  
**Permit Review Report**

**Permit ID: 7-0552-00002/00005**

**Renewal Number: 2**

**04/06/2011**

**Facility Identification Data**

Name: BUCKEYE PIPE LINE CO

Address: 3186 GATES RD

AUBURN, NY 13021

**Owner/Firm**

Name: BUCKEYE PIPE LINE CO LP

Address: 5002 BUCKEYE RD

PO BOX 368

EMMAUS, PA 18049-0368, USA

Owner Classification: Corporation/Partnership

**Permit Contacts**

Division of Environmental Permits:

Name: ELIZABETH A TRACY

Address: 615 ERIE BLVD WEST

SYRACUSE, NY 13204-2400

Phone: 315 426 7438

Division of Air Resources:

Name: RANDALL A YOUNG

Address: CORTLAND SUBOFFICE

1285 FISHER AVENUE

CORTLAND, NY 13045-1090

Phone: 607 753 3095

Air Permitting Facility Owner Contact:

Name: MARK BONENBERGER

Address: BUCKEYE PIPELINE CO LP

5002 BUCKEYE RD PO BOX 368

EMMAUS, PA 18049-0368

Phone: 610 904 4467

**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 renewal of Air Title V Facility Permit (renewal 2).



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**Attainment Status**

BUCKEYE PIPE LINE CO is located in the town of SENNETT in the county of CAYUGA.

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
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-----	-----
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:**

The facility is a refined petroleum pipeline breakout station. The facility operates 17 above ground breakout tanks, one incoming line, two outgoing lines, associated piping, operating and maintenance equipment.

**Permit Structure and Description of Operations**

The Title V permit for BUCKEYE PIPE LINE CO

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 PIPE LINE CO is defined by the following emission unit(s):



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Emission unit 000001 - All fixed roof breakout tanks which do not contain a floating roof (Tanks 301, 303, 305, 307, 309 and 311). These tanks may throughput petroleum products with a vapor pressure less than 0.75 PSIA (most products normally transported by Buckeye pipeline Company, except for gasoline and transmix).

Process: 001 All fixed roof breakout tanks which do not contain a floating roof (Tanks 301, 303, 305, 307, 309 and 311). These tanks may throughput petroleum products with a vapor pressure less than 0.75 psia (Most products normally transported by Buckeye Pipeline Company, except gasoline and transmix).

Emission unit 000002 - Breakout tanks which contain a floating roof (tanks 300, 302, 304, 306, 308, 312, 313, 314, 316 and 318), and are subject to the requirements of 6 NYCRR 229. These tanks may throughput all petroleum products normally transported by Buckeye Pipeline Company, including gasoline and transmix.

Emission unit 000002 is associated with the following emission points (EP):

00300, 00302, 00304, 00306, 00308, 00312, 00313, 00314, 00316, 00318

Process: 002 All breakout tanks which contain a floating roof (Tanks 300, 302, 304, 306, 308, 312, 313, 314, 316 and 318). These tanks may throughput all petroleum products normally transported by Buckeye Pipe Line Company, including gasoline and transmix.

Emission unit 000003 - All process equipment (non-breakout tank) associated with the operation of Auburn Station (includes valves, pumps, flanges, scrapper traps, prover loop, sample shed, station lab, product sump and wastewater tanks).

Process: 003 All process equipment (non-breakout tank) associated with the operation of Auburn Station (includes valves, pumps, flanges, scrapper traps, prover loop, sample shed, station lab, product sump and wastewater tanks).

Emission unit 000004 - Breakout tank 310 which contains a floating roof, and is subject to the requirements of 40 CFR 60, subpart Kb and 40 CFR 63, subpart BBBB. This tank may throughput all petroleum products normally transports by Buckeye Pipeline Company, including gasoline and transmix.

Emission unit 000004 is associated with the following emission points (EP):

00310

Process: 004 Breakout tank 310, that contains a floating roof for VOC control. This tank may throughput all petroleum products normally transported by Buckeye Pipeline Company, including gasoline and transmix.

**Title V/Major Source Status**

BUCKEYE PIPE LINE CO is subject to Title V requirements. This determination is based on the following information:

Buckeye Pipeline's Auburn, NY facility is a major facility because volatile organic



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compound (VOC) emissions are above the major source threshold of 50 tons of VOC per year.

**Program Applicability**

The following chart summarizes the applicability of BUCKEYE PIPE LINE CO 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.



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**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**

4613

REFINED PETROLEUM PIPE LINES

**SCC Codes**

SCC or Source Classification Code is a code developed and used by the USEPA to categorize processes which result in air emissions for the purpose of assessing emission factor information. Each SCC represents

a unique process or function within a source category logically associated with a point of air pollution emissions. Any operation that causes air pollution can be represented by one or more SCC's.

**SCC Code**

**Description**

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3-06-008-11	PETROLEUM INDUSTRY PETROLEUM INDUSTRY - FUGITIVE EMISSIONS Pipeline Valves: Gas Streams
4-04-001-22	BULK TERMINALS/PLANTS BULK TERMINALS FIXED ROOF TANKS (TANK DIAMETER INDEPENDANT) -DIESEL FUEL-WORKING LOSS
4-04-001-79	BULK TERMINALS/PLANTS BULK TERMINALS BULK TERMINAL:INTERNAL FLOATING ROOF(PRI/SEC SEAL):SPECIFY LIQUID

**Facility Emissions Summary**

In the following table, the CAS No. or Chemical Abstract Service code is an identifier assigned to every chemical compound. [NOTE: Certain CAS No.'s contain a 'NY' designation within them. These are not true CAS No.'s but rather an identification which has been developed by the department to identify groups of contaminants which ordinary CAS No.'s do not do. As an example, volatile organic compounds or VOC's are identified collectively by the NY CAS No. 0NY998-00-0.] The PTE refers to the Potential to Emit. This is defined as the maximum capacity of a facility or air contaminant source to emit any air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of the facility or air contamination source to emit any air contaminant, including air pollution control equipment and/or restrictions on the hours of operation, or on the type or amount or material combusted, stored, or processed, shall be treated as part of the design only if the limitation is contained in federally enforceable permit conditions. The PTE 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	Range
		lbs/yr	
000092-52-4	1, 1 BIPHENYL	20000	
000071-43-2	BENZENE	20000	
000098-82-8	BENZENE, (1-METHYLETHYL)	20000	
001319-77-3	CRESYLIC ACID	20000	
000100-41-4	ETHYLBENZENE	20000	
0NY100-00-0	HAP	50000	
000110-54-3	HEXANE	20000	
001634-04-4	METHYL TERTBUTYL ETHER	20000	
000091-20-3	NAPHTHALENE	20000	
000540-84-1	PENTANE, 2,2,4- TRIMETHYL-	20000	
000108-95-2	PHENOL	20000	
000100-42-5	STYRENE	20000	
000108-88-3	TOLUENE	20000	
0NY998-00-0	VOC		>= 100 tpy but < 250 tpy
001330-20-7	XYLENE, M, O & P MIXT.	20000	

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**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

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

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

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

(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 - 6 NYCRR 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 6 NYCRR 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.



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- 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 - 6 NYCRR 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 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)**



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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.

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**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	ECL 19-0301	60	Powers and Duties of the Department with respect to air pollution control
FACILITY	40CFR 60-A.4	28	General provisions - Address
FACILITY	40CFR 60-A.7(b)	29	Notification and Recordkeeping
FACILITY	40CFR 60-A.7(f)	30	Notification and Recordkeeping
0-00004	40CFR 60-Kb.112b(a)	48	NSPS for volatile organic liquid storage vessels-standard for volatile organic compounds (VOC)
0-00004	40CFR 60-Kb.112b(a)(1)	49	NSPS for volatile organic liquid storage vessels-standard for volatile organic compounds (VOC)
0-00004	40CFR 60-Kb.113b(a)(1)	50	NSPS for volatile organic liquid storage vessels-testing and procedures
0-00004	40CFR 60-Kb.113b(a)(2)	51	NSPS for volatile organic liquid storage vessels-testing and procedures
0-00004	40CFR 60-	52	NSPS for volatile

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	Kb.113b(a) (3)		organic liquid storage vessels-testing and procedures
0-00004	40CFR 60-Kb.113b(a) (4)	53	NSPS for volatile organic liquid storage vessels-testing and procedures
0-00004	40CFR 60-Kb.113b(a) (5)	54	NSPS for volatile organic liquid storage vessels-testing and procedures
0-00004	40CFR 60-Kb.115b	55	NSPS for volatile organic liquid storage vessels-reporting and recordkeeping requirements
0-00004	40CFR 60-Kb.115b(a)	56	NSPS for volatile organic liquid storage vessels-reporting and recordkeeping requirements
0-00004	40CFR 60-Kb.116b(a)	57	NSPS for volatile organic liquid storage vessels-monitoring of operations
0-00004	40CFR 60-Kb.116b(b)	58	NSPS for volatile organic liquid storage vessels-monitoring of operations
0-00004	40CFR 60-Kb.116b(c)	59	NSPS for volatile organic liquid storage vessels-monitoring of operations
FACILITY	40CFR 63-BBBBBB.11081(a)	33	Definition of affected source
FACILITY	40CFR 63-BBBBBB.11083(b)	34	Compliance date for an existing affected source
FACILITY	40CFR 63-BBBBBB.11087	35	NESHAP for Area Source Gasoline Bulk Terminals - Requirements for Tanks
FACILITY	40CFR 63-BBBBBB.11089	36	NESHAP for Area Source Gasoline Bulk Terminals - Equipment Leak Inspections
0-00002	40CFR 63-BBBBBB.11092(e)	47	NESHAP for Area Source Gasoline Bulk Terminals - Inspections of gasoline storage tanks
FACILITY	40CFR 63-BBBBBB.11093	37	NESHAP for Area Source Gasoline Bulk Terminals -

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FACILITY	40CFR 63- BBBBBB.11094 (a)	38	Notifications NESHAP for Area Source Gasoline Bulk Terminals - Recordkeeping Requirements
FACILITY	40CFR 63- BBBBBB.11094 (d)	39	NESHAP for Area Source Bulk Gasoline Terminals - Recordkeeping
FACILITY	40CFR 63- BBBBBB.11094 (e)	40	NESHAP for Area Source Gasoline Bulk Terminals - Recordkeeping
FACILITY	40CFR 63- BBBBBB.11095 (a)	32	NESHAP for Area Source Gasoline Bulk Terminals - Reporting
FACILITY	40CFR 63- BBBBBB.11095 (c)	41	NESHAP for Area Source Gasoline Bulk Terminals - Reporting
FACILITY	40CFR 63-BBBBBB.11098	42	NESHAP for Area Source Gasoline Bulk Terminals - General Provisions
FACILITY	40CFR 63-R	24, 25	Subpart R- Gasoline Distribution Facility NESHAP
FACILITY	40CFR 63-R.420 (b) (2)	31	
FACILITY	40CFR 68	20	Chemical accident prevention provisions
FACILITY	40CFR 82-F	21	Protection of Stratospheric Ozone - recycling and emissions reduction
FACILITY	6NYCRR 200.6	1	Acceptable ambient air quality.
FACILITY	6NYCRR 200.7	10	Maintenance of equipment.
FACILITY	6NYCRR 201-1.4	61	Unavoidable noncompliance and violations
FACILITY	6NYCRR 201-1.7	11	Recycling and Salvage
FACILITY	6NYCRR 201-1.8	12	Prohibition of reintroduction of collected contaminants to the air
FACILITY	6NYCRR 201-3.2 (a)	13	Exempt Activities - Proof of eligibility
FACILITY	6NYCRR 201-3.3 (a)	14	Trivial Activities - proof of eligibility
FACILITY	6NYCRR 201-6	22, 43, 44	Title V Permits and the Associated Permit Conditions
FACILITY	6NYCRR 201-6.5 (a) (4)	15	General conditions
FACILITY	6NYCRR 201-6.5 (a) (7)	2	General conditions
FACILITY	6NYCRR 201-6.5 (a) (8)	16	Fees
FACILITY	6NYCRR 201-6.5 (c)	3	General conditions Permit conditions for Recordkeeping and Reporting of
FACILITY	6NYCRR 201-6.5 (c) (2)	4	Compliance Monitoring Permit conditions for Recordkeeping and



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FACILITY	6NYCRR 201-6.5 (c) (3) (ii)	5	Reporting of Compliance Monitoring Permit conditions for Recordkeeping and Reporting of
FACILITY	6NYCRR 201-6.5 (d) (5)	17	Compliance Monitoring
FACILITY	6NYCRR 201-6.5 (e)	6	Compliance schedules
FACILITY	6NYCRR 201-6.5 (f) (6)	18	Certification
FACILITY	6NYCRR 201-7	23, 24, 25	Off Permit Changes
FACILITY	6NYCRR 202-1.1	19	Federally Enforceable Emissions Caps
FACILITY	6NYCRR 202-2.1	7	Required emissions tests.
FACILITY	6NYCRR 202-2.5	8	Emission Statements - Applicability
FACILITY	6NYCRR 211.2	62	Emission Statements - record keeping requirements.
FACILITY	6NYCRR 215.2	9	General Prohibitions - visible emissions limited.
FACILITY	6NYCRR 225-1.2 (a) (2)	26	Open Fires - Prohibitions
FACILITY	6NYCRR 225-1.8 (d)	27	Sulfur in Fuel Limitations Post 12/31/87.
0-00002	6NYCRR 229.3 (a)	45	Reports, sampling, and analysis
0-00002	6NYCRR 229.5	46	Petroleum fixed roof tank control requirements
			Recordkeeping.

**Applicability Discussion:**

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

ECL 19-0301

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

6 NYCRR 200.6

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

6 NYCRR 200.7

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

6 NYCRR 201-1.4

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

6 NYCRR 201-1.7

Requires the recycle and salvage of collected air contaminants where practical



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6 NYCRR 201-1.8

Prohibits the reintroduction of collected air contaminants to the outside air

6 NYCRR 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.

6 NYCRR 201-3.3 (a)

The owner and/or operator of a trivial emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains trivial emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

6 NYCRR Subpart 201-6

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

6 NYCRR 201-6.5 (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.

6 NYCRR 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.

6 NYCRR 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.

6 NYCRR 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



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sampling or measurement and the identification of any permit deviations. All such reports must also be certified by the designated responsible official of the facility.

6 NYCRR 201-6.5 (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.

6 NYCRR 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.

6 NYCRR 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.

6 NYCRR 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.

6 NYCRR 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.

6 NYCRR 202-1.1

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

6 NYCRR 202-2.1

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

6 NYCRR 202-2.5

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

6 NYCRR 211.2

This regulation 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.



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6 NYCRR 215.2

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

40 CFR Part 68

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

40 CFR Part 82, Subpart F

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

40 CFR 60.112b (a)

This regulation requires volatile organic compounds (VOC's) storage vessels meeting the following criteria to be equipped with one of four (4) control options specified in this section: a design capacity greater than or equal to 151 m<sup>3</sup> containing a VOL that, as stored, has a maximum true vapor pressure equal to or greater than 5.2 kPa but less than 76.6 kPa or with a design capacity greater than or equal to 75 m<sup>3</sup> but less than 151 m<sup>3</sup> containing a VOL that, as stored, has a maximum true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa. The storage vessels at this facility meeting this criteria are equipped with a fixed roof in combination with an internal floating roof for control of VOCs.

40 CFR 60.112b (a) (1)

This requirement describes the standard for volatile organic compounds or VOC's for storage vessels with the following criteria: a design capacity greater than or equal to 151 m<sup>3</sup> containing a VOL that, as stored, has a maximum true vapor pressure equal to or greater than 5.2 kPa but less than 76.6 kPa or with a design capacity greater than or equal to 75 m<sup>3</sup> but less than 151 m<sup>3</sup> containing a VOL that, as stored, has a maximum true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa, and equipped with a fixed roof in combination with an internal floating roof.

40 CFR 60.113b (a) (1)

This regulation requires the owner or operator to visually inspect the internal floating roof, primary seals and secondary seals (if one is in service) prior to filling the storage vessel with volatile organic liquid. It also requires any defects noted to be repaired prior to filling the storage vessel.





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40 CFR 60.113b (a) (2)

This condition specifies that 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.

40 CFR 60.113b (a) (3)

This regulation requires storage vessels equipped with a double seal system to have a detailed inspection conducted at least every five (5) years or every ten (10) years for vessels that undergo an annual visual inspection through the man holes.

40 CFR 60.113b (a) (4)

This condition requires the owner or operator to 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.

40 CFR 60.113b (a) (5)

This condition requires the owner or operator to 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.

40 CFR 60.115b

This regulation requires the owner or operator to keep records of inspections performed and furnish reports of any defects found and repaired.

40 CFR 60.115b (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.

40 CFR 60.116b (a)

This is the records retention requirement for all records required by this section.

40 CFR 60.116b (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.



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40 CFR 60.116b (c)

The regulation requires the owner or operator to maintain records for the volatile organic liquid (VOL) stored and the maximum true vapor pressure of the VOL for a minimum of two (2) years. However, all Title-V permitted facilities must maintain records for a minimum of five (5) years.

40 CFR 60.4

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

40 CFR 60.7 (b)

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

40 CFR 60.7 (f)

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

40 CFR 63.11081 (a)

This section specifies the affected sources that are subject to this subpart. An affected source is each area source pipeline breakout station that is not subject to the control requirements of 40 CFR 63, subpart R (sections 63.423 and 63.424). Buckeye Pipeline's Auburn station is an area source and is not subject to the control requirements of 40 CFR 63, subpart R, therefore, it is an affected source subject to 40 CFR 63, subpart BBBBBB.

40 CFR 63.11083 (b)

This section specifies an existing affected source must comply with this subpart no later than January 10, 2011.

40 CFR 63.11087

This section specifies what requirements an affected source must meet.

40 CFR 63.11089

This section specifies the requirements for equipment leak inspections that an affected source must meet.



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40 CFR 63.11092 (e) (1)

This section requires that each gasoline storage tank equipped with an internal floating roof must perform periodic inspections of the floating roof.

40 CFR 63.11093

This section requires each owner or operator of an affected source to submit an Initial Notification, a Notification of Compliance Status and other notifications specified in section 63.9, as applicable.

40 CFR 63.11094 (a)

This section requires each owner or operator to keep records for each storage vessel subject to the provisions of this subpart.

40 CFR 63.11094 (d)

This section requires each owner or operator subject to the equipment leak provisions to prepare and maintain a record describing the types, identification numbers, and locations of all equipment in gasoline service.

40 CFR 63.11094 (e)

This section specifies the information that must be recorded in a log book for each equipment leak that is detected.

40 CFR 63.11095 (a)

This section specifies the information that must be included in semiannual compliance reports.

40 CFR 63.11095 (c)

This section requires an owner or operator to submit a semiannual excess emission report if excess emissions occurred in the previous 6 months.

40 CFR 63.11098

This section specifies which parts of the General Provisions of 40 CFR 63 apply.

40 CFR 63.420 (b) (2)

This section states that if a source owner or operator has satisfactorily documented that the facility is not a major source (for HAPs), the facility is not a breakout station subject to the provisions of subpart R.



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40 CFR Part 63, Subpart R

This subpart specifies which facilities are affected sources subject to the provisions of this rule. Buckeye Pipeline's Auburn Station has capped emissions of hazardous air pollutants below the applicability threshold of subpart R, and therefore, is not an affected source.

6 NYCRR 225-1.2 (a) (2)

This regulation prohibits any person from selling, offering for sale, purchasing or using any fuel which contains sulfur in a quantity exceeding the limitations set forth in Table 1, Table 2, or Table 3 of this section.

6 NYCRR 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.

6 NYCRR 229.3 (a)

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

6 NYCRR 229.5

This section specifies the recordkeeping requirements for gasoline bulk plants, gasoline loading terminals, petroleum liquid storage tanks, volatile liquid storage tanks and marine vessel loading facilities subject to the requirements of 229.3.

6 NYCRR Subpart 201-7

This regulation sets forth an emission cap that cannot be exceeded by the facility. In this permit that cap is for hazardous air pollutants (HAPs).

**Compliance Certification**

**Summary of monitoring activities at BUCKEYE PIPE LINE CO:**

Location Facility/EU/EP/Process/ES	Cond No.	Type of Monitoring
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0-00004	48	record keeping/maintenance procedures
0-00004	50	record keeping/maintenance procedures
0-00004	51	record keeping/maintenance procedures
0-00004	52	record keeping/maintenance procedures
0-00004	53	record keeping/maintenance procedures
0-00004	54	record keeping/maintenance procedures
0-00004	55	record keeping/maintenance procedures
0-00004	56	record keeping/maintenance procedures
0-00004	57	record keeping/maintenance procedures
0-00004	58	record keeping/maintenance procedures
0-00004	59	record keeping/maintenance procedures
FACILITY	35	record keeping/maintenance procedures
FACILITY	36	record keeping/maintenance procedures

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FACILITY	38	record keeping/maintenance procedures
FACILITY	39	record keeping/maintenance procedures
FACILITY	40	record keeping/maintenance procedures
FACILITY	32	record keeping/maintenance procedures
FACILITY	31	record keeping/maintenance procedures
FACILITY	5	record keeping/maintenance procedures
FACILITY	6	record keeping/maintenance procedures
FACILITY	24	monitoring of process or control device parameters as surrogate
FACILITY	25	monitoring of process or control device parameters as surrogate
FACILITY	7	record keeping/maintenance procedures
FACILITY	26	work practice involving specific operations
0-00002	45	record keeping/maintenance procedures
0-00002	46	record keeping/maintenance procedures

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**Basis for Monitoring**

The monitoring requirements contained in this permit are based on specific monitoring requirements listed in each applicable rule. In the event that the regulation does not provide specific monitoring requirements, the Department has established compliance monitoring requirements in the permit conditions for those requirements that specify an emission limit or an emission cap.

6 NYCRR 201-7, Emission capping: The facility has capped emissions of hazardous air pollutants (HAPs). To demonstrate compliance with the facility's emission limits they must determine the monthly and annual emissions of HAPs. A representative sample of all fuels pumped by the facility must be tested for HAP content on an annual basis, and the most recent sample analysis is used in the monthly HAP determinations. This data must be reported in the annual compliance certification reports.

40 CFR 63.420(b)(2): The facility is required to obtain a representative sample of all fuels pumped by the facility and test for HAP content on an annual basis. Annual testing for HAPs is considered sufficient as HAP emissions have been demonstrated to be consistently well below the major source thresholds for HAPs at this facility.

6 NYCRR 225-1.2(a)(2) limits the sulfur in fuel oil to 1.5 percent or less. Vendor certifications are used to demonstrate compliance with this limit. In this case the sulfur content of the fuel in the pipeline is determined by the originating petroleum distribution terminal. The facility is required to maintain a log of fuel oil delivery specifications and report this information in the annual compliance certification report.