



State of New Jersey

Department of Environmental Protection

Air Quality, Energy and Sustainability

Division of Air Quality

Bureau of Stationary Sources

401 E. State Street, 2nd Floor, P.O. Box 420, Mail Code 401-02

Trenton, NJ 08625-0420

PHILIP D. MURPHY

Governor

SHEILA Y. OLIVER

Lt. Governor

CATHERINE R. McCABE

Acting Commissioner

Air Pollution Control Operating Permit Significant Modification

Permit Activity Number: BOP160001

Program Interest Number: 17996

Mailing Address	Plant Location
MICHAEL MATTSSON ASSISTANT OPERATIONS MANAGER BUCKEYE PORT READING TERMINAL LLC 750 CLIFF RD Port Reading, NJ 07064	BUCKEYE PORT READING TERMINAL LLC 750 Cliff Rd Port Reading Middlesex County

Initial Operating Permit Approval Date:

April 16, 2001

Operating Permit Approval Date:

June 13, 2018

Operating Permit Expiration Date:

April 15, 2016 (operating under application shield)

AUTHORITY AND APPLICABILITY

The New Jersey Department of Environmental Protection (Department) approves and issues this Air Pollution Control Operating Permit under the authority of Chapter 106, P.L. 1967 (N.J.S.A. 26:2C-9.2). This permit is issued in accordance with the air pollution control permit provisions promulgated at Title V of the Federal Clean Air Act, 40 CFR 70, Air Pollution Control Act codified at N.J.S.A. 26:2C and New Jersey State regulations promulgated at N.J.A.C. 7:27-22.

The Department approves this operating permit based on the evaluation of the certified information provided in the permit application that all equipment and air pollution control devices regulated in this permit comply with all applicable State and Federal regulations. The facility shall be operated in accordance with the conditions of this permit. This operating permit supersedes any previous Air Pollution Control Operating Permits issued to this facility by the Department including any general operating permits, renewals, significant modifications, minor modifications, seven-day notice changes or administrative amendments to the permit.

Changes made through this permit activity are provided in the Reason for Application.

PERMIT SHIELD

This operating permit includes a permit shield, pursuant to the provisions of N.J.A.C. 7:27-22.17.

COMPLIANCE SCHEDULES

This operating permit does not include compliance schedules as part of the approved compliance plan.

COMPLIANCE CERTIFICATIONS AND DEVIATION REPORTS

The permittee shall submit to the Department and to EPA periodic compliance certifications, in accordance with N.J.A.C. 7:27-22.19. **The annual compliance certification** is due to the Department and EPA within 60 days after the end of each calendar year during which this permit was in effect. **Semi-annual deviation reports** relating to compliance testing and monitoring are due to the Department within 30 days after the end of the semi-annual period. The schedule and additional details for these submittals are available in Subject Item - FC, of the Facility Specific Requirements of this permit.

ACCESSING PERMITS

The facility's current approved operating permit and any previously issued permits (e.g. superseded, expired, or terminated) are available for download in PDF format at: <http://www.nj.gov/dep/opra/online.html>. If needed, the RADIUS file for your permit, containing Facility Specific Requirements (Compliance Plan), Inventories and Compliance Schedules can be obtained by contacting the Helpline number given below. RADIUS software, instructions, and help are available at the Department's website at www.state.nj.us/dep/aqpp.

HELPLINE

The Operating Permit Helpline is available for any questions at (609) 633-8248 from 9:00 AM to 4:00 PM Monday to Friday.

RENEWING YOUR OPERATING PERMIT AND APPLICATION SHIELD

The permittee is responsible for submitting a timely and administratively complete operating permit renewal application pursuant to N.J.A.C. 7:27-22.30. Only applications which are timely and administratively complete are eligible for an application shield. The details on the contents of the renewal application, submittal schedule, and application shield are available in Section B - General Provisions and Authorities of this permit.

COMPLIANCE ASSURANCE MONITORING

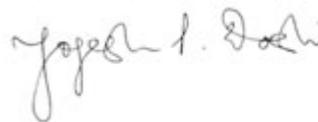
Facilities that are subject to Compliance Assurance Monitoring (CAM), pursuant to 40 CFR 64, shall develop a CAM Plan for modified equipment as well as existing sources. The rule and guidance on how to prepare a CAM Plan can be found at EPA's website: <https://www.epa.gov/air-emissions-monitoring-knowledge-base/compliance-assurance-monitoring>. In addition, CAM Plans must be included as part of the permit renewal application. Facilities that do not submit a CAM Plan may have their permit applications denied, pursuant to N.J.A.C. 7:27-22.3.

ADMINISTRATIVE HEARING REQUEST

If, in your judgment, the Department is imposing any unreasonable condition of approval, you may contest the Department's decision and request an adjudicatory hearing pursuant to N.J.S.A. 52:14B-1 et seq. and N.J.A.C. 7:27-22.32(a). All requests for an adjudicatory hearing must be received in writing by the Department within 20 calendar days of the date you receive this letter. The request must contain the information specified in N.J.A.C. 7:27-1.32 and the information on the enclosed Administrative Hearing Request Checklist and Tracking Form.

If you have any questions regarding this permit approval, please call Anthony Williams at (609) 984-2082.

Approved by:



Yogesh Doshi

Enclosure

CC: Suilin Chan, United States Environmental Protection Agency, Region 2

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U8 Storage tanks for petroleum hydrocarbon liquids and volatile organic compound liquids

Operating Scenario: OS Summary

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	VOC (Total) <= 575 tons/yr. Maximum annual emission limit includes emissions from tank storage, tank cleaning, roof landing, tank field dumping and source fugitive emissions. See GR5 for emissions from tank cleaning and tank field dumping operations. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by calculations annually, based on one calendar year. Calculations of annual emissions shall be made as specified in EPA's AP-42 for the storage, tank cleaning and tank field dumping of each storage tank. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by manual logging of parameter or storing data in a computer data system annually. Records of AP-42 program printout shall be maintained on site for five years. [N.J.A.C. 7:27-22.16(e)]	None.
2	VOC Roof Landing Emissions < 5 tons/yr for each tank. The tanks are exempt from the requirements of N.J.A.C.7:27-16.2(p). [N.J.A.C.7:27-16.2(f)6] and . [N.J.A.C. 7:27-22.16(a)]	VOC Roof Landing Emissions: Monitored by calculations each month during operation, based on one calendar year /sum-to-date basis. The owner or operator shall calculate the emissions resulting from in-service floating roof landings for each tank (as defined at N.J.A.C.7:27-16.1) each month during operating using the methodology described at AP-42, Chapter 7 (November 2006 or later version). The emissions for each month shall be added to the emissions for the previous months of the calendar year. The procedure will begin in January 2010. [N.J.A.C.7:27-16.2(f)6] and . [N.J.A.C. 7:27-22.16(o)]	VOC Roof Landing Emissions: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation The owner or operator shall maintain on-site, for each tank, for five years: 1. Records that specify each VOC stored and the vapor pressure of each VOC at standard conditions; 2. Records of the roof landing emission information required at N.J.A.C. 7:27-21.5(j)1; 3. The records of each floating roof landing event including, but not limited to, tank contents before landing and after refilling; landed height of the floating roof; height of any liquid remaining in the bottom of the tank after landing; duration of landing; landing emissions calculated using AP-42, Chapter 7 methodology, and any other records needed to create the "Floating Roof Landing Emission Summary Report" required at N.J.A.C. 7:27-21.5(j)2. 4. The in-service roof landing emissions for the month and the the in-service roof landing emissions for the previous months of the calendar year. [N.J.A.C.7:27-16.2(s)] and. [N.J.A.C. 7:27-22.16(o)]	None.

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
3	Sulfur Content in Fuel <= 500 ppmw (0.05% by weight) for #2 fuel oil for use in New Jersey. Effective July 1, 2014 through June 30, 2016. [N.J.A.C. 7:27- 9.2(a)]	Sulfur Content in Fuel: Monitored by review of fuel delivery records per delivery showing fuel sulfur content. [N.J.A.C. 7:27-22.16(o)]	Sulfur Content in Fuel: Recordkeeping by invoices / bills of lading / certificate of analysis per delivery showing fuel sulfur content. [N.J.A.C. 7:27-22.16(o)]	None.
4	Sulfur Content in Fuel <= 15 ppmw (0.0015% by weight) for #2 fuel oil for use in New Jersey. Effective July 1, 2016. [N.J.A.C. 7:27- 9.2(a)]	Sulfur Content in Fuel: Monitored by review of fuel delivery records per delivery showing fuel sulfur content. [N.J.A.C. 7:27-22.16(o)]	Sulfur Content in Fuel: Recordkeeping by invoices / bills of lading / certificate of analysis per delivery showing fuel sulfur content. [N.J.A.C. 7:27-22.16(o)]	None.
5	Sulfur Content in Fuel <= 0.25 % by weight for #4 fuel oil and 0.3% by weight for #5, #6 and heavier fuel oil for use in New Jersey. Effective July 1, 2014. [N.J.A.C. 7:27- 9.2(a)]	Sulfur Content in Fuel: Monitored by review of fuel delivery records per delivery showing fuel sulfur content. [N.J.A.C. 7:27-22.16(o)]	Sulfur Content in Fuel: Recordkeeping by invoices / bills of lading / certificate of analysis per delivery showing fuel sulfur content. [N.J.A.C. 7:27-22.16(o)]	None.
6	VOC (Total): Maintain records for a period of no less than five years and shall make those records available upon request of the Department or EPA. [N.J.A.C. 7:27-16.22(a)]	None.	Other: Maintain readily accessible records.[N.J.A.C. 7:27-16.22(a)].	None.
7	As per Buckeye's Alternative VOC control Plan, the following external floating roof storage tanks storing material greater than 3.0 pounds per square inch shall be taken out of service for doming per the dates specified below: Tank 1178 (OS18) - 9/25/2028 Tank 1219 (OS21) - 3/8/2027 Tank 1222 (OS23) - 9/5/2018 Tank 7935 (OS35) - 9/1/2014 [N.J.A.C. 7:27-16.17(a)2]	None.	Other: The permittee shall maintain a copy of the Alternate VOC Control Plan on site.[N.J.A.C. 7:27-22.16(o)].	Comply with the requirement: As per the approved schedule. The permittee shall take the following tanks out of service for doming by the following dates: Tank 1177 (OS17) - 7/30/2027 Tank 1178 (OS18) - 9/25/2028 Tank 1219 (OS21) - 3/8/2027 Tank 1222 (OS23) - 9/5/2018 Tank 7935 (OS35) - 9/1/2014. [N.J.A.C. 7:27-22.16(o)]
8	As per Buckeye's Alternative VOC Control Plan, the following tanks storing materials greater than 3.0 pounds per square inch are not subject to doming requirement of NJAC 7:27-16.2(l)4: Tank 7930 (OS32) Tank 7934 (OS34) Tank 7937 (OS36) Tank 7945 (OS39) [N.J.A.C. 7:27-16.17(a)2]	None.	Other: The permittee shall maintain a copy of the Alternative VOC Control Plan on site.[N.J.A.C. 7:27-22.16(o)].	None.

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
9	<p>The external floating roof tanks, tank 1221 and tank 7905 shall follow one of the following schedules prior to May 1, 2020.</p> <p>Install domes before the tank is refilled after the first time the tank is degassed after May 19, 2009 but no later than May 1, 2020.</p> <p>or</p> <p>Store material with vapor pressure less than three pounds per square inch absolute at standard conditions. [N.J.A.C. 7:27-22.16(a)]</p>	None.	None.	<p>Comply with the requirement: As per the approved schedule. The permittee shall install the domes on tank 1221 and tank 7905 as per the approved schedule. [N.J.A.C. 7:27-16.2(1)5]</p>
10	<p>The permittee shall equip tanks, tank 7943 and tank 7944 with a domed roof. [N.J.A.C. 7:27-16.2(1)4]</p>	None.	None.	None.