State of Utah

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Department of
Environmental Quality

Tim Davis
Interim Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQE-AN148620004-25

March 27, 2025

Justin Ray
Price River Terminal, LLC
1300 Main Street
Houston, TX 77002
justin.ray@energytransfer.com

Dear Mr. Ray:

Re: Approval Order: Modification to Approval Order DAQE-AN148620003-20 to Increase Transloading Limits and Add a Storage Tank
Project Number: N148620004

The attached Approval Order (AO) is issued pursuant to the Notice of Intent (NOI) received on September 26, 2023. Price River Terminal, LLC must comply with the requirements of this AO, all applicable state requirements (R307), and Federal Standards.

The project engineer for this action is **Dylan Frederick**, who can be contacted at (385) 306-6529 or dfrederick@utah.gov. Future correspondence on this AO should include the engineer's name as well as the DAQE number shown on the upper right-hand corner of this letter. No public comments were received on this action.

Sincerely,

Bryce C. Bird
Director

BCB:DF:jg

cc: Southeastern Utah District Health Department

STATE OF UTAH
Department of Environmental Quality
Division of Air Quality

APPROVAL ORDER
DAQE-AN148620004-25
Modification to Approval Order DAQE-AN148620003-20 to Increase Transloading Limits and Add a Storage Tank

Prepared By
Dylan Frederick, Engineer
(385) 306-6529
dfrederick@utah.gov

Issued to
Price River Terminal, LLC - Oil Transloading Facility

Issued On
March 27, 2025

Issued By

Bryce C. Bird
Director
Division of Air Quality

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GENERAL INFORMATION

CONTACT/LOCATION INFORMATION

Owner Name
Price River Terminal, LLC

Source Name
Price River Terminal, LLC - Oil Transloading Facility

Mailing Address
1300 Main Street
Houston, TX 77002

Physical Address
6000 East Wash Plant Road
Wellington, UT 84542

Source Contact
Name: Justin Ray
Phone: (936) 402-4860
Email: justin.ray@energytransfer.com

UTM Coordinates
525,464 m Easting
4,375,301 m Northing
Datum NAD83
UTM Zone 12

SIC code 4226 (Special Warehousing & Storage, NEC)

SOURCE INFORMATION

General Description
Price River Terminal, LLC (PRT) operates a transloading facility. The facility transfers crude oil from tanker trucks to oil storage tanks and then to railcars, which are shipped to various crude oil refineries throughout the United States. PRT also has the ability to load crude oil directly from tanker trucks to railcars. Railcars are filled and stored on-site until approximately 90 railcars have been filled. The railcars are then connected to a locomotive engine and transported via rail to customers.

NSR Classification
Minor Modification at Minor Source

Source Classification
Located in Attainment Area
Carbon County
Airs Source Size: B

Applicable Federal Standards
NSPS (Part 60), A: General Provisions
NSPS (Part 60), Kb: Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984
NSPS (Part 60), Kc: Standards of Performance for Volatile Organic Liquid Storage Vessels

Project Description
PRT requested approval to install and operate a new liquid storage tank and natural gas-fired heater, as well as increase the daily limit on crude oil transloading. The storage tank has a capacity of 120,000 barrels, and the tank heater is rated at 4 MMBtu per hour and will be operated at 8,760 hours per year. PRT has requested to increase the annual limits of crude oil transloaded through the storage tanks from 14,600,000 barrels to 43,800,000 barrels and to decrease the annual limit of crude oil transloaded through mobile operations from 10,400,000 barrels to 3,650,000 barrels. This is the equivalent of 120,000 barrels transloaded through storage tanks daily and an additional 10,000 barrels transloaded through mobile operations daily.

SUMMARY OF EMISSIONS

The emissions listed below are an estimate of the total potential emissions from the source. Some rounding of emissions is possible.

Criteria Pollutant	Change (TPY)	Total (TPY)
CO_2 Equivalent	1083.74	43658.00
Carbon Monoxide	1.80	62.33
Nitrogen Oxides	2.14	24.56
Particulate Matter - PM_{10}	-7.31	4.55
Particulate Matter - $PM_{2.5}$	-3.36	1.18
Sulfur Dioxide	0.02	0.34
Volatile Organic Compounds	47.72	80.56

Hazardous Air Pollutant	Change (lbs/yr)	Total (lbs/yr)
Generic HAPs (CAS #GHAPS)	-370	62
Hexane (CAS #110543)		1080
	Change (TPY)	**Total (TPY)**
Total HAPs	0.35	0.57

SECTION I: GENERAL PROVISIONS

I.1	All definitions, terms, abbreviations, and references used in this AO conform to those used in the UAC R307 and 40 CFR. Unless noted otherwise, references cited in these AO conditions refer to those rules. [R307-101]
I.2	The limits set forth in this AO shall not be exceeded without prior approval. [R307-401]
I.3	Modifications to the equipment or processes approved by this AO that could affect the emissions covered by this AO must be reviewed and approved. [R307-401-1]
I.4	All records referenced in this AO or in other applicable rules, which are required to be kept by the owner/operator, shall be made available to the Director or Director's representative upon request, and the records shall include the two-year period prior to the date of the request. Unless otherwise specified in this AO or in other applicable state and federal rules, records shall be kept for a minimum of two years. [R307-401-8]

I.5	At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any equipment approved under this AO, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Director which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. All maintenance performed on equipment authorized by this AO shall be recorded. [R307-401-4]
I.6	The owner/operator shall comply with UAC R307-107. General Requirements: Breakdowns. [R307-107]
I.7	The owner/operator shall comply with UAC R307-150 Series. Emission Inventories. [R307-150]
I.8	The owner/operator shall submit documentation of the status of construction or modification to the Director within 18 months from the date of this AO. This AO may become invalid if construction is not commenced within 18 months from the date of this AO or if construction is discontinued for 18 months or more. To ensure proper credit when notifying the Director, send the documentation to the Director, attn.: NSR Section. [R307-401-18]

SECTION II: PERMITTED EQUIPMENT

II.A THE APPROVED EQUIPMENT

II.A.1	**Crude Oil Transloading Facility**
II.A.2	**Three Oil Storage Tanks (one NEW)** Maximum Capacities: one 88,300 bbl and two 120,000 bbl Tank VOC Control Type: Floating Roofs
II.A.3	**One Flare** Maximum Capacity: 0.48 MMBTU/hr Contains: Blower Control Efficiency: 98% Controls: Transloading activities to railcars
II.A.4	**Five Adsorption Units** Maximum Flowrate: 150 acfm Equipped with a breakthrough monitor Controls: Direct Transloading from trucks to railcars
II.A.5	**Three Tank Heaters (one NEW)** Maximum Rated Capacity: less than 5 MMBtu/hr each Fuel: Natural Gas
II.A.6	**One Diesel Storage Tank*** Maximum Tank Capacity: 1,000 gallons *Tank is noted for informational purposes only.
II.A.7	**One Gasoline Storage Tank*** Maximum Tank Capacity: 500 gallons *Tank is noted for informational purposes only.

II.A.8	**Loading/Unloading Racks** Controls: Fixed transloading - Flare Mobile transloading - Carbon adsorption units

SECTION II: SPECIAL PROVISIONS

II.B REQUIREMENTS AND LIMITATIONS

II.B.1	**Site-Wide Requirements**
II.B.1.a	The owner/operator shall not exceed the following processing limitations: A. 43,800,000 barrels (bbls) of crude oil processed through the oil storage tanks and transloaded to railcars per rolling 12-month period B. 3,650,000 bbls of crude oil transloaded to railcars through mobile operations per rolling 12-month period. [R307-401-8]
II.B.1.a.1	The owner/operator shall: A. Calculate a new 12-month total by the 20th day of each month using data from the previous 12 months B. Determine site-wide crude oil transloading by examination of company and/or customer billing records C. Keep records of tank versus mobile crude oil railcar loading individually on a daily basis D. Keep transloading records for all periods the plant is in operation. [R307-401-8]
II.B.1.b	The owner/operator shall control VOC emissions during rail car loading operations from storage tanks at all times by using a vapor capture line. The vapor capture line shall be connected from the railcar loading operations to the flare. [R307-401-8]
II.B.1.c	The owner/operator shall route all emissions from all direct mobile loading to railcar operations to a carbon adsorption drum prior to exhausting the air to the atmosphere. [R307-401-8]
II.B.1.d	The owner/operators shall replace the carbon in the affected adsorber drum upon activation of the breakthrough monitor. [R307-401-8]
II.B.1.e	The owner/operator shall: A. Replace the carbon in each adsorber drum at a minimum of once annually B. Keep records of adsorber drum carbon replacement and maintain the records onsite. [R307-401-8]
II.B.1.f	Unless otherwise specified in this AO, the owner/operator shall not allow visible emissions from any stationary point or fugitive emission source on site to exceed 10% opacity. [R307-401-8]

II.B.1.f.1	Opacity observations of emissions from stationary sources shall be conducted while in operation in accordance with 40 CFR 60, Appendix A, Method 9. [R307-401-8]
II.B.1.g	The owner/operator shall only use natural gas as fuel in the storage tank heaters. [R307-401-8]
II.B.2	**Tank Requirements**
II.B.2.a	The owner/operator shall load the railcars and storage tanks on-site by the use of bottom filling or a submerged fill pipe. [R307-401-8]
II.B.2.b	The owner/operator shall keep the storage tank thief hatches and other tank openings closed and sealed except during tank unloading or other maintenance activities. [R307-401-8]
II.B.2.c	The owner/operator shall conduct visual inspections of each internal floating roof storage tank according to the methods and procedures specified in 40 CFR 60.113b(a). [40 CFR 60 Subpart Kb]
II.B.2.c.1	The owner/operator shall keep and maintain records of initial visual inspections of each internal floating roof storage tank for the life of the equipment. [40 CFR 60 Subpart Kb]
II.B.3	**Flare Requirements**
II.B.3.a	The owner/operator shall not allow any visible emissions from the flare. [R307-401-8]
II.B.3.a.1	Visual determination of smoke emissions from flares shall be conducted according to 40 CFR 60, Appendix A, Method 22. [R307-401-8]
II.B.3.b	The flare shall operate with a continuous pilot flame and be equipped with an auto-igniter. [R307-401-8]
II.B.3.c	The owner/operator shall install a flare that is certified to meet a VOC control efficiency of no less than 98%. [R307-401-8]
II.B.3.c.1	To demonstrate compliance with the above condition, the owner/operator shall maintain records of the manufacturer's emissions guarantee for the installed flare. [R307-401-8]
II.B.4	**Fugitive Dust Requirements**
II.B.4.a	The owner/operator shall not allow visible emissions from haul roads, terminal access roads, and mobile equipment in operational areas to exceed 20% opacity. [R307-205]
II.B.4.a.1	Visible emission determinations for fugitive dust from haul-road traffic and mobile equipment areas shall use procedures similar to Method 9. The normal requirement for observations to be made at 15-second intervals over a six-minute period, however, shall not apply. Visible emissions shall be measured at the densest point of the plume but at a point not less than 1/2 vehicle length behind the vehicle and not less than 1/2 the height of the vehicle. [R307-205]
II.B.4.b	The owner/operator shall pave all haul roads associated with the Price River Oil Transloading Facility. [R307-401-8]
II.B.4.c	The owner/operator shall vacuum sweep and flush with water all the paved haul roads on site to maintain the opacity limit listed in this AO. The owner/operator shall use an operational vacuum sweeper and water truck to conduct the required vacuum sweeping and watering. The owner/operator may stop flushing the paved haul roads with water when the temperature is below freezing but shall apply other controls as necessary to prevent visible emissions from exceeding the opacity limits listed in this AO. The owner/operator may stop vacuum sweeping the paved haul roads when the haul roads are covered with snow or ice. [R307-401-8]

II.B.4.c.1	Records of vacuum sweeping and water application shall be kept for all periods when the plant is in operation. The records shall include the following items: A. Date and time vacuum sweeping and water application were made B. Number of vacuum sweeping and water application made and quantity of water applied C. Rainfall amount received, if any D. Records of temperature, if the temperature was below freezing E. Records of any other control used to reduce fugitive dust. [R307-401-8]
II.B.5	**Monitoring Requirements of Fugitive Emissions (Leak Detection and Repair)**
II.B.5.a	The owner/operator shall develop a fugitive emissions monitoring plan for the storage tanks and flare operations. At a minimum, the plan shall include: A. Monitoring frequency B. Monitoring technique and equipment C. Procedures and timeframes for identifying and repairing leaks D. Recordkeeping practices E. Calibration and maintenance procedures. [R307-401-8]
II.B.5.b	The owner/operator shall conduct monitoring surveys on-site to observe each "fugitive emissions component" for "fugitive emissions." A. "Fugitive emissions component" means any component that has the potential to emit fugitive emissions of VOC, including but not limited to valves, connectors, pressure relief devices, open-ended lines, flanges, covers, and closed vent systems, thief hatches or other openings, instruments, and meters B. "Fugitive emissions" are considered any visible emissions observed using optical gas imaging or a Method 21 instrument reading of 500 ppm or greater. [R307-401-8]
II.B.5.b.1	Monitoring surveys shall be conducted according to the following schedule: A. No later than 90 days after startup or 180 days from the date of this AO B. Annually after the initial leak detection inspection. [R307-401-8]

II.B.5.b.2	Monitoring surveys shall be conducted using one or both of the following to detect fugitive emissions: A. Optical gas imaging (OGI) equipment. OGI equipment shall be capable of imaging gases in the spectral range for the compound of highest concentration in the potential fugitive emissions. B. Monitoring equipment that meets U.S. EPA Method 21, 40 CFR Part 60, Appendix A. [R307-401-8]
II.B.5.c	If fugitive emissions are detected at any time, the owner/operator shall repair the fugitive emissions component as soon as possible but no later than 15 calendar days after detection. If the repair or replacement is technically infeasible, or would be unsafe to repair during operation of the unit, the repair or replacement must be completed during the next shutdown, or within 24 months, whichever is earlier. [R307-401-8]
II.B.5.c.1	The owner/operator shall resurvey the repaired or replaced fugitive emissions component no later than 30 calendar days after the fugitive emissions component was repaired. [R307-401-8]
II.B.5.d	The owner/operator shall maintain records of the fugitive emissions monitoring plan, monitoring surveys, repairs, and resurveys. [R307-401-8]

PERMIT HISTORY

This Approval Order shall supersede (if a modification) or will be based on the following documents:

Supersedes	AO DAQE-AN148620003-20 dated October 21, 2020
Is Derived From	NOI dated September 26, 2023
Incorporates	Additional Information dated November 27, 2023
Incorporates	Additional Information dated May 1, 2024
Incorporates	Additional Information dated August 14, 2024
Incorporates	Additional Information dated August 28, 2024
Incorporates	Additional Information dated October 18, 2024
Incorporates	Additional Information dated October 30, 2024

ACRONYMS

The following lists commonly used acronyms and associated translations as they apply to this document:

40 CFR	Title 40 of the Code of Federal Regulations
AO	Approval Order
BACT	Best Available Control Technology
CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CDS	Classification Data System (used by Environmental Protection Agency to classify sources by size/type)
CEM	Continuous emissions monitor
CEMS	Continuous emissions monitoring system
CFR	Code of Federal Regulations
CMS	Continuous monitoring system
CO	Carbon monoxide
CO_2	Carbon Dioxide
CO_2e	Carbon Dioxide Equivalent - Title 40 of the Code of Federal Regulations Part 98, Subpart A, Table A-1
COM	Continuous opacity monitor
DAQ/UDAQ	Division of Air Quality
DAQE	This is a document tracking code for internal Division of Air Quality use
EPA	Environmental Protection Agency
FDCP	Fugitive dust control plan
GHG	Greenhouse Gas(es) - Title 40 of the Code of Federal Regulations 52.21 (b)(49)(i)
GWP	Global Warming Potential - Title 40 of the Code of Federal Regulations Part 86.1818-12(a)
HAP or HAPs	Hazardous air pollutant(s)
ITA	Intent to Approve
LB/YR	Pounds per year
MACT	Maximum Achievable Control Technology
MMBTU	Million British Thermal Units
NAA	Nonattainment Area
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emission Standards for Hazardous Air Pollutants
NOI	Notice of Intent
NO_x	Oxides of nitrogen
NSPS	New Source Performance Standard
NSR	New Source Review
PM_{10}	Particulate matter less than 10 microns in size
$PM_{2.5}$	Particulate matter less than 2.5 microns in size
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit
R307	Rules Series 307
R307-401	Rules Series 307 - Section 401
SO_2	Sulfur dioxide
Title IV	Title IV of the Clean Air Act
Title V	Title V of the Clean Air Act
TPY	Tons per year
UAC	Utah Administrative Code
VOC	Volatile organic compounds