



State of Utah

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Governor

DEIDRE HENDERSON
Lieutenant Governor

Department of
Environmental Quality

Tim Davis
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQE-IN156590012-25

September 18, 2025

Angela Brown
Tesoro Logistics Operations LLC
539 South Main Street
Findlay, OH 45840
asbrown@marathonpetroleum.com

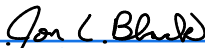
Dear Ms. Brown:

Re: Intent to Approve: Minor Modification to Approval Order DAQE-AN156590011-25 for the
Addition of New Waxy Crude Storage Tanks
Project Number: N156590012

The attached document is the Intent to Approve (ITA) for the above-referenced project. The ITA is subject to public review. Any comments received shall be considered before an Approval Order (AO) is issued. The Division of Air Quality is authorized to charge a fee for reimbursement of the actual costs incurred in the issuance of an AO. An invoice will follow upon issuance of the final AO.

Future correspondence on this ITA should include the engineer's name, **Stockton Antczak**, as well as the DAQE number as shown on the upper right-hand corner of this letter. Stockton Antczak, can be reached at (385) 306-6724 or santczak@utah.gov, if you have any questions.

Sincerely,


[Jon Black \(Sep 17, 2025 16:52:00 MDT\)](#)

Jon L. Black, Manager
New Source Review Section

JLB:SA:jg

cc: Salt Lake County Health Department
EPA Region 8

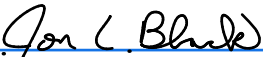
STATE OF UTAH
Department of Environmental Quality
Division of Air Quality

INTENT TO APPROVE
DAQE-IN156590012-25
Minor Modification to Approval Order DAQE-AN156590011-25 for
the Addition of New Waxy Crude Storage Tanks

Prepared By
Stockton Antczak, Engineer
(385) 306-6724
santczak@utah.gov

Issued to
Tesoro Logistics Operations LLC - Truck Loading Rack and Remote Tank
Farm

Issued On
September 18, 2025


Jon Black (Sep 17, 2025 16:52:00 MDT)

New Source Review Section Manager
Jon L. Black

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GENERAL INFORMATION

CONTACT/LOCATION INFORMATION

Owner Name

Tesoro Logistics Operations LLC

Source Name

Tesoro Logistics Operations LLC - Truck Loading Rack and Remote Tank Farm

Mailing Address

539 South Main Street
Findlay, OH 45840

Physical Address

475 West 900 North
Salt Lake City, UT 84103

Source Contact

Name: Tina Harper
Phone: (615) 499-1641
Email: kkharper@marathonpetroleum.com

UTM Coordinates

423,400 m Easting
4,515,950 m Northing
Datum NAD27
UTM Zone 12

SIC code 5171 (Petroleum Bulk Stations & Terminals)

SOURCE INFORMATION

General Description

Tesoro Logistics Operations LLC (TLO) operates a Remote Tank Farm (RTF) and Truck Loading Rack (TLR). The TLR is located on property adjacent to and south of the Tesoro Refinery but is fenced and monitored so that authorized access is controlled independently from the refinery. The RTF is located approximately 1 mile northwest of the Tesoro Refinery.

The TLR is a fuel-loading facility for distribution of products produced by the Tesoro Salt Lake City Refinery. The facility includes five truck transport load spots, each capable of delivering gasoline, jet fuel, and distillate products to tank trucks. Ethanol and other additives are blended in line with refined products during transfer to trucks. Runoff from the loading bays is routed through a catch basin and then to the oil-water separator (OWS). Oil separated from the runoff is routed from the OWS to the refinery's slop oil system, and the water phase is routed to the refinery's oily water sewer. A crude oil unloading facility is also operated at the TLR. Crude oil is unloaded from tank trucks and transferred directly to the refinery or stored within crude storage tanks at the TLR before being transferred to the refinery.

The RTF receives crude oil via pipeline, which is stored in storage tanks before being sent to the Tesoro Refinery crude unit. The RTF also has bidirectional pipelines from the refinery and storage tanks, which are used to supplement gasoline and diesel storage capacity at the Tesoro Refinery. In addition, gasoline and diesel products are distributed to transportation pipelines from the RTF.

NSR Classification

Minor Modification at Major Source

Source Classification

Located in Northern Wasatch Front O3 NAA, Salt Lake City UT PM_{2.5} NAA, Salt Lake County SO₂ NAA
 Salt Lake County
 Airs Source Size: A

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
 NSPS (Part 60), XX: Standards of Performance for Bulk Gasoline Terminals
 NSPS (Part 60), GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006
 NSPS (Part 60), QQQ: Standards of Performance for VOC Emissions From Petroleum Refinery Wastewater Systems
 NESHAP (Part 61), A: General Provisions
 NESHAP (Part 61), M: National Emission Standard for Asbestos
 NESHAP (Part 61), FF: National Emission Standard for Benzene Waste Operations
 MACT (Part 63), A: General Provisions
 MACT (Part 63), CC: National Emission Standards for Hazardous Air Pollutants From Petroleum Refineries
 MACT (Part 63), EEEE: National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)
 Title V (Part 70) Major Source

Project Description

TLO proposes to construct two storage tanks for the storage of waxy crude and atmospheric tower bottoms (ATB). The project will result in an increase in VOC and HAP emissions.

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	0	84.49
Particulate Matter - PM ₁₀	0	3.38
Particulate Matter - PM _{2.5}	0	0.81
Volatile Organic Compounds	7.82	176.46

Hazardous Air Pollutant	Change (lbs/yr)	Total (lbs/yr)
Total HAPs (CAS #THAPS)	1148	13831
	Change (TPY)	Total (TPY)
Total HAPs	0.58	6.92

PUBLIC NOTICE STATEMENT

The NOI for the above-referenced project has been evaluated and has been found to be consistent with the requirements of UAC R307. Air pollution producing sources and/or their air control facilities may not be constructed, installed, established, or modified prior to the issuance of an AO by the Director.

A 30-day public comment period will be held in accordance with UAC R307-401-7. A notification of the intent to approve will be published in the Salt Lake Tribune and Deseret News on September 21, 2025. During the public comment period the proposal and the evaluation of its impact on air quality will be available for the public to review and provide comment. If anyone so requests a public hearing within 15 days of publication, it will be held in accordance with UAC R307-401-7. The hearing will be held as close as practicable to the location of the source. Any comments received during the public comment period and the hearing will be evaluated. The proposed conditions of the AO may be changed as a result of the comments received.

SECTION I: GENERAL PROVISIONS

The intent is to issue an air quality AO authorizing the project with the following recommended conditions and that failure to comply with any of the conditions may constitute a violation of the AO.

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

The intent is to issue an air quality AO authorizing the project with the following recommended conditions and that failure to comply with any of the conditions may constitute a violation of the AO.

II.A THE APPROVED EQUIPMENT

II.A.1	Truck Loading Rack and Remote Tank Farm Includes northwest tank farm
II.A.2	Tank 41: Storage vessel - chemicals Horizontal storage tank
II.A.3	Tank 41T: Storage vessel - chemicals Horizontal storage tank
II.A.4	Tank 42: Storage vessel - chemicals Horizontal storage tank
II.A.5	Tank 401: Storage vessel - petroleum liquids Storage tank with fixed roof
II.A.6	Tank 402: Storage vessel - petroleum liquids Storage tank with internal floating roof and primary seals
II.A.7	Tank 405: Storage vessel - petroleum liquids Storage tank with external floating roof, primary and secondary seals
II.A.8	Tank 411: Storage vessel - petroleum liquids Storage tank with fixed roof
II.A.9	Tank 412: Storage vessel - petroleum liquids Storage tank with internal floating roof and primary seals
II.A.10	Tank 413: Storage vessel - petroleum liquids Storage tank with internal floating roof and primary seals
II.A.11	Tank 414: Storage vessel - petroleum liquids Storage tank with internal floating roof and primary seals
II.A.12	Tank 421: Storage vessel - petroleum liquids Storage tank with external floating roof, primary and secondary seals (includes emission control sleeves on both the slotted guide poles and floating roof leg socks)

II.A.13	Tank 422: Storage vessel - petroleum liquids Storage tank with external floating roof, primary and secondary seals (includes emission control sleeves on both the slotted guide poles and floating roof leg socks)
II.A.14	Tank 423: Storage vessel - petroleum liquids Storage tank with external floating roof, primary and secondary seals
II.A.15	Tank 424: Storage vessel - petroleum liquids Storage tank with external floating roof, primary and secondary seals
II.A.16	Tank 431: Storage vessel - petroleum liquids Storage tank with external floating roof, primary and secondary seals (includes emission control sleeves on both the slotted guide poles and floating roof leg socks)
II.A.17	Tank 432: Storage vessel - petroleum liquids Storage tank with external floating roof, primary and secondary seals (includes emission control sleeves on both the slotted guide poles and floating roof leg socks)
II.A.18	Tank 502 Horizontal storage tank
II.A.19	Tank 503: Storage vessel - petroleum liquids Storage tank with internal floating roof, primary and secondary seals
II.A.20	Tank 504: Storage vessel - petroleum liquids Storage tank with internal floating roof, primary and secondary seals
II.A.21	Tank 505: Storage vessel - chemicals Horizontal storage tank
II.A.22	Tank 506: Storage vessel - chemicals Horizontal storage tank
II.A.23	Tank 509: Storage vessel - denatured ethanol Storage tank with internal floating roof primary and secondary seals
II.A.24	Tank 510 Horizontal storage tank
II.A.25	Tank 512: Storage vessel - waxy crude and ATBs Storage tank with internal floating roof and secondary seals
II.A.26	Tank 513: Storage vessel - waxy crude and ATBs Storage tank with internal floating roof and secondary seals
II.A.27	Piping / Associated Equipment Piping tie-in to the UNEV pipeline
II.A.28	Oily Water Separator 60 gallons per minute (GPM) Includes: carbon bed control system
II.A.29	Miscellaneous - Diesel Filtration System Three, two-vessel diesel filter trains

II.A.30	TLR VOC emissions controlled by vapor collection and recovery system (VRU A and VRU B)
II.A.31	Waxy Crude Unloading Facility Waxy crude unloading facility consisting of: Five paved truck unloading lanes covered by a canopy Associated piping

SECTION II: SPECIAL PROVISIONS

The intent is to issue an air quality AO authorizing the project with the following recommended conditions and that failure to comply with any of the conditions may constitute a violation of the AO.

II.B REQUIREMENTS AND LIMITATIONS

II.B.1	Site-wide Requirements
II.B.1.a	For the primary seals, the accumulated area of gaps between the tank wall and the metallic shoe seal or the liquid-mounted seal shall not exceed ten square inches per foot of tank diameter. The width of any portion of any gap shall not exceed one and a half (1 & 1/2) inches. This condition applies to Tanks 405, 421, 422, 423, 424, 431, and 432. [40 CFR 60 Subpart Kb]
II.B.1.b	For the secondary seals, the accumulated area of gaps between the tank wall and the secondary seal shall not exceed one square inch per foot of tank diameter, and the width of any portion of any gap shall not exceed one-half (1/2) inch. The secondary seals shall be properly installed and maintained according to the manufacturer's recommendations. [R307-327]
II.B.1.c	The owner/operator shall comply with all applicable parts of R307-327 - Petroleum Liquid Storage. [R307-327]
II.B.1.d	The additives tank #502 shall be limited to thirty turnovers per rolling 12-month period. [R307-401-8(1)(a)]
II.B.1.e	The additives tank #505 shall be limited to twelve turnovers per rolling 12-month period. [R307-401-8(1)(a)]
II.B.1.f	The additives tank #506 shall be limited to seven turnovers per rolling 12-month period. [R307-401-8(1)(a)]
II.B.1.g	The additives tank #510 shall be limited to thirty turnovers per rolling 12-month period. [R307-401-8(1)(a)]

<p>II.B.1.h</p>	<p>The following production limits shall not be exceeded:</p> <ul style="list-style-type: none"> A. 120,000 gallons of additives throughput for storage tank #502 per rolling 12-month period B. 72,000 gallons of additives throughput for storage tank #505 per rolling 12-month period C. 42,000 gallons of additives throughput for storage tank #506 per rolling 12-month period D. 240,000 gallons of additives throughput for storage tank #510 per rolling 12-month period. <p>Compliance with the annual limitations shall be determined on a rolling 12-month total. Within 20 days of the beginning of each calendar month, the owner or operator shall calculate a new monthly total. The monthly total shall be added to the data from the previous 11 months. Records of the above limitations shall be kept for all periods when the plant is in operation. Records of the above limitations shall be made available to the Director or the Director's representative upon request and shall include a period of two years ending with the date of the request. The amount of additives added to each of these four tanks shall be recorded in a log.</p> <p>[R307-401-8(1)(a)]</p>
<p>II.B.1.i</p>	<p>Emissions to the atmosphere from the carbon adsorption vapor collection and processing systems due to the loading of gasoline cargo tanks shall not exceed an average of 10 milligrams of volatile organic compounds per liter of gasoline loaded over a six-hour period. The concentration of volatile organic compounds in the exhaust of the vapor collection system shall be measured by a monitoring device approved by the Director. [R307-401-8(1)(a)]</p>
<p>II.B.1.j</p>	<p>Stack testing shall be performed as specified in 40 CFR 63, Subpart CC, National Emission Standard for Hazardous Air Pollutants from Petroleum Refineries, Section 642(d). This regulation addresses initial performance tests and initial compliance determinations for owners and operators subject to Subpart CC. The owner or operator shall provide a notification to the Director of any test required by this AO at least 45 days before the test. A pretest conference shall be held if directed by the Director. It shall be held at least 30 days before the test and include representation from the owner or operator, the tester, and the Director. [R307-150]</p>
<p>II.B.1.k</p>	<p>The owner or operator shall install, calibrate, maintain, and operate a monitoring device for the concentration of organic compounds in the exhaust air stream of the vapor collection system. The monitoring device must be located such that an inspector or operator can safely and easily read the output at any time. The accuracy, calibration method, and calibration frequency of the monitoring device shall be approved by the Director. [R307-150]</p>
<p>II.B.1.l</p>	<p>The owner or operator shall install an alarm system to indicate malfunctions of the vapor collection system. The alarm system shall be installed simultaneously with the monitoring device for the concentration of organic compounds in the exhaust air stream of the vapor collection system. The design of the alarm system shall be approved by the Director. [R307-150]</p>
<p>II.B.1.m</p>	<p>The TLR and Northwest Tank Farm are contiguous to the refinery and are considered to be part of the same source for inventory and Title V purposes. [R307-415]</p>

PERMIT HISTORY

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

Supersedes
Is Derived From

AO DAQE-AN156590011-25 dated February 13, 2025
NOI dated July 8, 2025

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