

Application Type Renewal
Facility Type Storm Water
Major / Minor Minor

**NPDES PERMIT FACT SHEET
INDIVIDUAL INDUSTRIAL WASTE (IW)
AND IW STORMWATER**

Application No. PA0038903
APS ID 1127435
Authorization ID 1509504

Applicant and Facility Information

Applicant Name	<u>Energy Transfer Marketing & Terminals LP</u>	Facility Name	<u>Malvern Terminal</u>
Applicant Address	<u>41 Malin Road</u> <u>Malvern, PA 19355-1767</u>	Facility Address	<u>41 Malin Road</u> <u>Malvern, PA 19355-1767</u>
Applicant Contact	<u>Michael Diel</u>	Facility Contact	<u>James McClintock</u>
Applicant Phone	<u>(585) 704-7081</u>	Facility Phone	<u>(610) 859-5413</u>
Client ID	<u>161585</u>	Site ID	<u>270218</u>
SIC Code	<u>4226,5171</u>	Municipality	<u>East Whiteland Township</u>
SIC Description	<u>Trans. & Utilities - Special Warehousing and Storage, Nec, Wholesale Trade - Petroleum Bulk Stations and Terminals</u>	County	<u>Chester</u>
Date Application Received	<u>December 6, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Permit Renewal</u>		

Summary of Review

Applicant requests renewal of an NPDES permit to discharge stormwater associated with industrial activities.

Facility is a bulk gasoline and transmix (mixture of gasoline and distillate) storage and sales facility. Facility also receives ethanol by truck which is stored in an AST.

One Outfall 001 is listed in the application. Outfall is inspected daily.

Drainage area includes: Loading rack containment, loading area sheet flow, earthen tank dikes for ASTs storing gasoline, ethanol and transmix, ethanol concrete offload, pump containment (gasoline), parking area sheet flow.

Oil/water separator is listed as BMP.

Review of the sample results show no concern.

eDMR review shows that the discharge is in compliance with the effluent limitations most of the times.

DEP inspection was conducted on 7/8/22. According to the inspection report the site is very well maintained. No violations were noted. No comments received from Operations section.

The following existing effluent limits are recommended to continue in the draft permit:

Approve	Deny	Signatures	Date
X		<i>Sara Abraham</i> Sara Reji Abraham, E.I.T. / Project Manager	January 28, 2025
X		/s/ Pravin C. Patel, P.E. / Environmental Engineer Manager	1/29/2025

Summary of Review

Parameter	Limits (mg/l)	SBC
Flow	Report	Avg. Qrtly
TSS	Report/100	Avg. Qrtly/lmax
Oil & Grease	15/30	Avg. Qrtly/lmax
TRPH	15/30	Avg. Qrtly/lmax

Based on the facility's operation PAG03 Appendix L is applicable to this stormwater discharge. Monitoring for Total Nitrogen and Total Phosphorus is included in the draft permit to be consistent with the requirements of Appendix L.

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Act 14 Notification:

East Whiteland Township - November 26, 2024
Chester County - November 26, 2024

Permit Conditions:

- A. Stormwater Outfalls
- B. Best Management Practices
- C. Routine Inspections
- D. PPC Plan
- E. Stormwater Monitoring Requirements
- F. Acquire Necessary Property Rights
- G. Proper Sludge Disposal

Discharge, Receiving Waters and Water Supply Information

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>40° 2' 31.91"</u>	Longitude	<u>-75° 32' 8.34"</u>
Quad Name	<u>Malvern</u>	Quad Code	<u>1841</u>
Wastewater Description:	<u>Stormwater</u>		
Receiving Waters	<u>Little Valley Creek (EV)</u>	Stream Code	<u>00995</u>
NHD Com ID	<u>25980396</u>	RMI	<u>3.4</u>
Watershed No.	<u>3-F</u>	Chapter 93 Class.	<u>EV</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>cause unknown, flow regime modification, habitat alterations, pathogens, polychlorinated biphenyls (pcbs), siltation</u>		
Source(s) of Impairment	<u>habitat modification - other than hydromodification, source unknown, urban runoff/storm sewers</u>		
TMDL Status	<u>Final</u>	Name	<u>Valley and Little Valley Creeks</u>

Compliance History

DMR Data for Outfall 001 (from December 1, 2023 to November 30, 2024)

Parameter	NOV-24	OCT-24	SEP-24	AUG-24	JUL-24	JUN-24	MAY-24	APR-24	MAR-24	FEB-24	JAN-24	DEC-23
Flow (MGD) Average Quarterly			10000			10000			10000			10000
TSS (mg/L) Average Quarterly			3.0			3.0			140			< 3.0
TSS (mg/L) Instantaneous Maximum			3.0			3.0			140.0			< 3.0
Oil and Grease (mg/L) Average Quarterly			< 5.9			5.4			< 5.8			< 5.6
Oil and Grease (mg/L) Instantaneous Maximum			< 5.9			5.4			< 5.8			< 5.6
TRPH (mg/L) Average Quarterly			< 5.9			5.4			< 5.8			< 5.6
TRPH (mg/L) Instantaneous Maximum			< 5.9			5.4			< 5.8			< 5.6

Compliance History

Effluent Violations for Outfall 001, from: January 1, 2024 To: November 30, 2024

Parameter	Date	SBC	DMR Value	Units	Limit Value	Units
TSS	03/31/24	IMAX	140.0	mg/L	100.0	mg/L

Proposed Effluent Limitations and Monitoring Requirements

Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Quarterly	Maximum	Instant. Maximum		
Flow (MGD)	Report Avg Qrtly	XXX	XXX	XXX	XXX	XXX	1/quarter	Estimate
TSS	XXX	XXX	XXX	Report	XXX	100.0	1/quarter	Grab
Oil and Grease	XXX	XXX	XXX	15.0	XXX	30.0	1/quarter	Grab
TRPH	XXX	XXX	XXX	15.0	XXX	30.0	1/quarter	Grab
Total Nitrogen	XXX	XXX	XXX	Report	XXX	XXX	1/quarter	Calculation
Total Phosphorus	XXX	XXX	XXX	Report	XXX	XXX	1/quarter	Grab