Pennsylvania Department of Environmental Protection

Southeast Regional Office
CLEAN WATER PROGRAM

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

Application Type	**Renewal/ transfer**	Application No.	**PA0011088**
Facility Type	**Storm Water**	APS ID	**1150074**
Major / Minor	**Minor**	Authorization ID	**1548479**

Applicant and Facility Information

Applicant Name	**Energy Transfer Mktg & Terminal LP**	Facility Name	**Energy Transfer Essington Terminal**
Applicant Address	1 Sylvan Way Second Floor	Facility Address	6850 Essington Avenue
	Parsippany, NJ 07054-3887		Philadelphia, PA 19153-3413
Applicant Contact	Stephen Brady	Facility Contact	John Grisi
Applicant Phone	(856) 687-5553	Facility Phone	(215) 937-6400
Client ID	396304	Site ID	452928
SIC Code	5171	Municipality	Philadelphia City
SIC Description	Wholesale Trade - Petroleum Bulk Stations And Terminals	County	Philadelphia
Date Application Received	October 24, 2025	EPA Waived?	Yes
Date Application Accepted		If No, Reason	

Purpose of Application: Renewal and Transfer of the stormwater discharge.

Summary of Review

PBF Logistics Products submitted a renewal NPDES permit application in August 2025 and on September 30, 2025, Energy Transfer Products has submitted a transfer application due to change of ownership. There are two outfalls discharging stormwater associated with industrial activities into Schuylkill River.

The facility is known as bulk petroleum storage.

DEP has conducted site visit 9/10/20256. Based on the inspection report following was noted:

Facility operates as a tank farm for various petroleum products receiving product by Colonial pipeline and barge, then distributed by truck and barge. By the office building at the main entrance, there is an eight-lane truck loading rack, a meeting/conference trailer, a maintenance/storage shop, and a building that is rented as office space. The surrounding grounds are paved and graded to convey surface flow to drains directing to an oil/water separator (OWS) which discharges at Outfall 001, indicated on the nearby chain-link fence. This portion of the facility is separated from the secure tank farms/barge by property operated by Essington Ave Used Auto Parts. The South tank farm containment dike is equipped with several pumps conveying stormwater to another OWS that discharges at Outfall 002, a pipe observable at the Schuylkill River during low tide. Stormwater accumulated within the North tank farm, barge manifold area, and asphalt loading rack conveys to another OWS which discharges to PWD's sanitary sewer. Multiple small double-walled ASTs are maintained onsite for heating oil and diesel fuel. Management of the multiple OWS, containment dewatering sumps, and collection system is arranged through General Mechanical and occurs at least biannually. CMI collects stormwater samples for analysis and Weston created and revised the SPCC Plan. Groundwater monitoring is performed as required. The OWS associated with Outfall 001 operates automatically but has an additional pump that may be manually activated during periods of heavy rain. On this day the second compartment was uncovered, as Mr. Grisi explained that the cover had fallen in during a maintenance event. The discharge point was observed from within the fenced area; conditions were dry and no discharge

Approve	Deny	Signatures	Date
X		Begay Omuralieva Begay Omuralieva / Environmental Engineering Specialist	March 11, 2026
X		Pravin Patel Pravin C. Patel, P.E. / Environmental Engineer Manager	03/11/2026

Summary of Review

was present, though the rocks immediately in front of the pipe were stained orange. No sedimentation or sheen were observed. A large white PVC pipe, the unpermitted outfall near the rented office building was observed to the west of Outfall 001, where residual surface stormwater remained; no sheen was observed.

Since there are no changes in quality and quantity of the discharge all previously established effluent limits and monitoring requirements will be proposed.

Act 14 Notification. Philadelphia City Planning Commission has received a notice about renewal on August 14, 2025.

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.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	002		
Latitude	39º 54' 20.47"	Longitude	-75º 12' 56.07"
Quad Name		Quad Code	
Wastewater Description:	Stormwater from bulk petroleum storage terminal (tank areas)		
Receiving Waters	Schuylkill River (WWF, MF)	Stream Code	00833
NHD Com ID	25988868	RMI	
Drainage Area	275,650 sq ft	Yield (cfs/mi^2)	
Q_{7-10} Flow (cfs)		Q_{7-10} Basis	
Elevation (ft)		Slope (ft/ft)	
Watershed No.	3-F	Chapter 93 Class.	WWF, MF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Impaired		
Cause(s) of Impairment	POLYCHLORINATED BIPHENYLS (PCBS), POLYCHLORINATED BIPHENYLS (PCBS),		
Source(s) of Impairment	SOURCE UNKNOWN,		
TMDL Status	Final	Name	Schuylkill River PCB TMDL

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001		
Latitude	39Âº 54' 16.69"	Longitude	-75Âº 13' 16.62"
Quad Name		Quad Code	
Wastewater Description:	Stormwater from bulk petroleum storage terminal (distribution areas)		
Receiving Waters	Unnamed Tributary to Schuylkill River	Stream Code	00833
NHD Com ID	25988660	RMI	
Drainage Area	5,534 sq ft	Yield (cfs/mi^2)	
Q_{7-10} Flow (cfs)		Q_{7-10} Basis	
Elevation (ft)		Slope (ft/ft)	
Watershed No.	3-F	Chapter 93 Class.	
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Impaired		
Cause(s) of Impairment	POLYCHLORINATED BIPHENYLS (PCBS), POLYCHLORINATED BIPHENYLS (PCBS),		
Source(s) of Impairment	SOURCE UNKNOWN,		
TMDL Status	Final	Name	

Changes Since Last Permit Issuance: Outfall 003, 004 and 005 has been diverted to Outfall 001

Compliance History

DMR Data for Outfall 001 (from February 1, 2025 to January 31, 2026)

Parameter	JAN-26	DEC-25	NOV-25	OCT-25	SEP-25	AUG-25	JUL-25	JUN-25	MAY-25	APR-25	MAR-25	FEB-25
pH (S.U.) Instantaneous Minimum		7.08			7.37			7.35			7.32	
pH (S.U.) Instantaneous Maximum		7.08			7.37			7.35			7.60	
COD (mg/L) Semi-Annual Average		31						26				
COD (mg/L) Daily Maximum		31						26				
TSS (mg/L) Average Quarterly		25.0			7.6			26.0			20.0	
Oil and Grease (mg/L) Average Quarterly		< 5.6			< 5.0			< 6.2			< 5.0	
Oil and Grease (mg/L) Instantaneous Maximum		< 5.6			< 5.0			< 6.2			< 5.0	
TKN (mg/L) Semi-Annual Average		2.5						2.7				
TKN (mg/L) Daily Maximum		2.5						2.7				
Total Phosphorus (mg/L) Semi-Annual Average		0.14						< 0.10				
Total Phosphorus (mg/L) Daily Maximum		0.14						< 0.10				
Dissolved Iron (mg/L) Semi-Annual Average		< 0.150						< 0.150				
Dissolved Iron (mg/L) Daily Maximum		< 0.150						< 0.150				

DMR Data for Outfall 002 (from February 1, 2025 to January 31, 2026)

Parameter	JAN-26	DEC-25	NOV-25	OCT-25	SEP-25	AUG-25	JUL-25	JUN-25	MAY-25	APR-25	MAR-25	FEB-25
pH (S.U.) Instantaneous Minimum		7.47			7.46			7.51			7.69	
pH (S.U.) Instantaneous Maximum		7.47			7.46			7.51			7.89	
COD (mg/L) Semi-Annual Average		35						35				
COD (mg/L) Daily Maximum		35						35				
TSS (mg/L) Average Quarterly		4.0			21.0			21.0			< 4.0	
Oil and Grease (mg/L) Average Quarterly		< 5.3			< 5.9			< 6.2			< 5.8	
Oil and Grease (mg/L) Daily Maximum		< 5.3			< 5.9			< 6.2			< 5.8	
TKN (mg/L) Semi-Annual Average		4.6						2.9				
TKN (mg/L) Daily Maximum		4.6						2.9				
Total Phosphorus (mg/L) Semi-Annual Average		0.18						< 0.10				
Total Phosphorus (mg/L) Daily Maximum		0.18						< 0.10				
Dissolved Iron (mg/L) Semi-Annual Average		< 0.150						< 0.150				
Dissolved Iron (mg/L) Daily Maximum		< 0.150						< 0.150				

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (386-0400-001), SOPs and/or BPJ.

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	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/quarter	Grab
COD	XXX	XXX	XXX	Report SEMI AVG	Report	XXX	1/6 months	Grab
TSS	XXX	XXX	XXX	100.0	XXX	XXX	1/quarter	Grab
Oil and Grease	XXX	XXX	XXX	15.0	30.0	XXX	1/quarter	Grab
TKN	XXX	XXX	XXX	Report SEMI AVG	Report	XXX	1/6 months	Grab
Total Phosphorus	XXX	XXX	XXX	Report SEMI AVG	Report	XXX	1/6 months	Grab
Dissolved Iron	XXX	XXX	XXX	Report SEMI AVG	Report	XXX	1/6 months	Grab

Compliance Sampling LocationOutfall 001

Other Comments:

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (386-0400-001), SOPs and/or BPJ.

Outfall 002, 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	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/quarter	Grab
COD	XXX	XXX	XXX	Report SEMI AVG	Report	XXX	1/6 months	Grab
TSS	XXX	XXX	XXX	100.0	XXX	XXX	1/quarter	Grab
Oil and Grease	XXX	XXX	XXX	15.0	XXX	30	1/quarter	Grab
TKN	XXX	XXX	XXX	Report SEMI AVG	Report	XXX	1/6 months	Grab
Total Phosphorus	XXX	XXX	XXX	Report SEMI AVG	Report	XXX	1/6 months	Grab
Dissolved Iron	XXX	XXX	XXX	Report SEMI AVG	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 002

Other Comments: