



Application Type
Facility Type
Major / Minor

Renewal
Storm Water
Minor

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

Application No. **PA0056944**
APS ID **1142675**
Authorization ID **1536176**

Applicant and Facility Information

Applicant Name	Sunoco Pipeline LP	Facility Name	Sunoco Twin Oaks Ps
Applicant Address	100 Green Street	Facility Address	144 Conchester Highway
	Marcus Hook, PA 19061		Aston, PA 19014
Applicant Contact	Erika Ezzo	Facility Contact	John D'Ambrosio
Applicant Phone	(610) 859-3309	Facility Phone	(215) 783-7066
Client ID	290687	Site ID	484754
SIC Code	4613	Municipality	Upper Chichester Township
SIC Description	Trans. & Utilities - Refined Petroleum Pipelines	County	Delaware
Date Application Received	August 1, 2025	EPA Waived?	Yes
Date Application Accepted		If No, Reason	
Purpose of Application	Renewal of NPDES permit for discharge of Industrial stormwater.		

Summary of Review

The applicant submitted a permit renewal application for the continued discharge of stormwater from Twin Oaks Pump Station.

The pump station pumps refined oil products from various locations to other locations (i.e. tank farms, etc.). There is a small storm swale that runs west to east on the northern side of the property.

Stormwater that falls onto the pump pads is collected in a 2,000 gal. oil-water separator and discharged to an unnamed tributary to Marcus Hook Creek that runs north to south along the east side of the facility. Boom is kept in place in a few locations along the channel. It is checked daily and replaced as needed.

Oil absorbents are kept at the tank farm and brought over as needed.

The facilities SPCC Plan is reviewed annually and was last updated Feb. '22.

DEP Operations conducted an inspection on 4/8/25 with no violations.

The discharge is in compliance with the existing permit limits. There are no changes in the operation of the facility, waste characteristics, or receiving stream designation.

The existing effluent limits are recommended to be carried over to the new permit as seen on page 5.

Approve	Deny	Signatures	Date
X		<i>Amy Boginsky</i> Amy Boginsky, MS, EIT / Environmental Engineering Specialist	November 21, 2025
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	11/25/2025

Summary of Review

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 Notifications:

Upper Chichester Township – July 25, 2025
Delaware County – July 25, 2025

Permit Conditions:

- A. Stormwater Outfalls
- B. BMPs
- C. Routine Inspections
- D. PPC Plan
- E. Stormwater Monitoring
- F. Other Requirements
 - (i) Acquire Necessary Property Rights
 - (ii) Proper Sludge Disposal

Discharge, Receiving Waters and Water Supply Information

Outfall No. 001

Design Flow (MGD) 0

Latitude 39° 50' 43.40"

Longitude -75° 25' 11.69"

Quad Name Marcus Hook

Quad Code 2042

Wastewater Description: Stormwater

Receiving Waters	<u>Unnamed Tributary to Marcus Hook Creek (WWF)</u>	Stream Code	<u>00513</u>
NHD Com ID	<u>133387282</u>	RMI	<u>0.8</u>
Drainage Area	<u>0.0903 mi²</u>	Yield (cfs/mi ²)	<u>0.001539</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.000139</u>	Q ₇₋₁₀ Basis	<u>StreamStats</u>
Elevation (ft)	<u>105.41</u>	Slope (ft/ft)	
Watershed No.	<u>3-G</u>	Chapter 93 Class.	<u>WWF</u>
Existing Use	<u>Recreational, aquatic life</u>	Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	<u>Impaired</u>	<u>CAUSE UNKNOWN, FLOW REGIME MODIFICATION, HABITAT ALTERATIONS, SILTATION</u>	
Cause(s) of Impairment		<u>HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION, URBAN RUNOFF/STORM SEWERS, URBAN RUNOFF/STORM SEWERS, URBAN RUNOFF/STORM SEWERS</u>	
Source(s) of Impairment			

Changes Since Last Permit Issuance: None

Compliance History

DMR Data for Outfall 001 (from October 1, 2024 to September 30, 2025)

Parameter	SEP-25	AUG-25	JUL-25	JUN-25	MAY-25	APR-25	MAR-25	FEB-25	JAN-25	DEC-24	NOV-24	OCT-24
Flow (MGD) Average Quarterly	0.144			0.144			0.144			0.144		
pH (S.U.) Instantaneous Minimum	7.85			7.94			7.17			7.85		
pH (S.U.) Instantaneous Maximum	7.85			7.94			7.17			7.85		
TSS (mg/L) Average Quarterly	5.0			9.4			15			8.4		
Oil and Grease (mg/L) Average Quarterly	< 5.3			< 5.2			< 5.5			< 5.2		
Oil and Grease (mg/L) Instantaneous Maximum	< 5.3			< 5.2			< 5.5			< 5.2		
TRPH (mg/L) Average Quarterly	< 5.3			< 5.2			< 5.5			< 5.2		
TRPH (mg/L) Instantaneous Maximum	< 5.3			< 5.2			< 5.5			< 5.2		

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	Maximum	Instant. Maximum		
Flow (MGD)	Report Avg Qrtly	XXX	XXX	XXX	XXX	XXX	1/quarter	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/quarter	Grab
TSS	XXX	XXX	XXX	Report	XXX	XXX	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

Compliance Sampling Location: Outfall 001