

Application Type Renewal  
Facility Type Storm Water  
Major / Minor Minor

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

Application No. PA0056944  
APS ID 1043349  
Authorization ID 1361843

**Applicant and Facility Information**

Applicant Name	<u>Sunoco Pipeline LP</u>	Facility Name	<u>Sunoco Twin Oaks Pump Station</u>
Applicant Address	<u>100 Green Street</u> <u>Marcus Hook, PA 19061</u>	Facility Address	<u>144 Conchester Highway</u> <u>Aston, PA 19014</u>
Applicant Contact	<u>Erika Ezzo</u>	Facility Contact	<u>John D'Ambrosio</u>
Applicant Phone	<u>(610) 859-3309</u>	Facility Phone	<u>(215) 783-7066</u>
Client ID	<u>290687</u>	Site ID	<u>484754</u>
SIC Code	<u>4613</u>	Municipality	<u>Upper Chichester Township</u>
SIC Description	<u>Trans. &amp; Utilities - Refined Petroleum Pipelines</u>	County	<u>Delaware</u>
Date Application Received	<u>July 13, 2021</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Renewal of NPDES permit for discharge of Industrial Stormwater</u>		

**Summary of Review**

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

There is one discharge point, Outfall 001. Stormwater that falls onto the pump pads is collected and is treated in a 2,000-gallon underground oil/water separator prior to discharge. The site activity is described as pipeline transportation of refined petroleum products in the application. The station is, pumping refined oil products from various locations to other locations (e.g., tank farms).

Stormwater outfall is visually inspected weekly by internal personnel and a precautionary boom is kept in the tributary.

A review of DMRs shows 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.

According to the 2021 inspection report there are no violations observed at the facility.

The following effluent requirements are recommended for the new permit similar to the requirements in the existing permit.

Oil and Grease - 15 mg/l (average), 30 mg/l (Inst. Max.)  
TRPH - 15 mg/l (average), 30 mg/l (Inst. Max.)  
pH - 6.0 to 9.0 Std units  
TSS - Report

Public Participation

Approve	Deny	Signatures	Date
X		<i>Sara Abraham</i> Sara Reji Abraham, E.I.T. / Project Manager	August 16, 2021
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	08/16/2021

**Summary of Review**

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 2, 2021  
Delaware County - July 2, 2021

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.	<u>001</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>39° 50' 43.40"</u>	Longitude	<u>-75° 25' 11.69"</u>
Quad Name	<u>Marcus Hook</u>	Quad Code	<u>2042</u>
Wastewater Description: <u>Stormwater</u>			
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>
Watershed No.	<u>3-G</u>	Chapter 93 Class.	<u>WWF</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>cause unknown, flow regime modification, habitat alterations, siltation</u>		
Source(s) of Impairment	<u>habitat modification - other than hydromodification, urban runoff/storm sewers</u>		

Compliance History

DMR Data for Outfall 001 (from June 1, 2020 to May 31, 2021)

Parameter	MAY-21	APR-21	MAR-21	FEB-21	JAN-21	DEC-20	NOV-20	OCT-20	SEP-20	AUG-20	JUL-20	JUN-20
Flow (MGD) Average			0.144			0.144			0.144			0.144
pH (S.U.) Instantaneous Minimum			6.83			7.6			7.4			7.5
pH (S.U.) Instantaneous Maximum			6.83			7.6			7.4			7.5
TSS (mg/L) Average			4.4			4.7			26			4.48
Oil and Grease (mg/L) Average			< 5.2			2.3			< 5.2			< 5.0
Oil and Grease (mg/L) Instantaneous Maximum			< 5.2			2.3			< 5.2			< 5.0
TRPH (mg/L) Average			< 5.2			1.6			< 5.2			< 5.0
TRPH (mg/L) Instantaneous Maximum			< 5.2			1.6			< 5.2			< 5.0

**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" (362-0400-001), SOPs and/or BPJ.

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

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> 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