

Application Type Renewal
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0011541
APS ID 1017958
Authorization ID 1317256

Applicant and Facility Information

Applicant Name	<u>Sunoco Partners Marketing & Terminals LP</u>	Facility Name	<u>Darby Creek Tank Farm</u>
Applicant Address	<u>100 Green Street</u> <u>Marcus Hook, PA 19061</u>	Facility Address	<u>Calcon Hook & Hook Roads</u> <u>Sharon Hill, PA 19073</u>
Applicant Contact	<u>Eric Scheivert</u>	Facility Contact	<u>Eric Scheivert</u>
Applicant Phone	<u>(215) 937-6242</u>	Facility Phone	<u>(215) 937-6242</u>
Client ID	<u>161585</u>	Site ID	<u>270538</u>
SIC Code	<u>4226</u>	Municipality	<u>Darby Township</u>
SIC Description	<u>Trans. & Utilities – Special Warehousing and Storage</u>	County	<u>Delaware</u>
Date Application Received	<u>June 4, 2020</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

The applicant requests renewal of an NPDES permit to discharge stormwater from Darby Creek Tank Farm.

All the tanks at the site are surrounded by containment dikes. The stormwater from the site (dike areas as well as runoff from roadways) goes to a surface water separator (8-sep), which basically is a pond with a baffle system to allow any potential oil to be collected before the water is discharged to the Darby Creek via Outfall 001. From surface water separator, water can be pumped either to the fire pond or to the Darby Creek. Only stormwater which is free of oil and refining contaminants goes to this surface separator. All the process water from the site drains into an oil water separator (4-sep) and eventually goes to DELCORA public sewer system for treatment and disposal. No oil is supposed to get into the 8-sep. In the event there is oil in the separator and the boom cannot handle it, the water can be pumped back from 8-sep to 4-sep and treated as process water.

Facility conducts hydrostatic testing of above ground storage tanks as part of regulatory compliance inspections as needed. Facility also conducts light pressure washing routinely on facility equipment (tanks, pipes, etc.) without any soaps or detergents.

The SIC code in our record for this facility was 5171. However, according to the permittee, the SIC code 4226 is more appropriate as the facility only stores and transport the product via pipeline. The facility is not a terminal and does not distribute product.

Based on the operations section and the DMRs review the facility is operating well and in compliance with the existing permit requirements.

The current limits for Oil and Grease and TRPH (15 mg/l average and 30 mg/l lmax.) are carried over to the new permit.

Approve	Deny	Signatures	Date
X		<i>Sara Abraham</i> Sara Reji Abraham, E.I.T. / Project Manager	06-30-2020
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	07/01/2020

Summary of Review

TSS monitoring requirement and pH limit (6.0 to 9.0 SU) are also included in the new permit. These are appropriate and consistent with the requirements of similar type of discharges.

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:

Darby Township	-	May 21, 2020
Delaware County	-	May 21, 2020

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>39° 53' 35.30"</u>	Longitude	<u>-75° 15' 29.73"</u>
Quad Name	<u>Lansdowne</u>	Quad Code	<u>1943</u>
Wastewater Description: <u>Stormwater</u>			
Receiving Waters	<u>*Darby Creek (WWF, MF)</u>	Stream Code	<u>00742</u>
NHD Com ID	<u>25601643</u>	RMI	<u>5.0</u>
Watershed No.	<u>3-G</u>	Chapter 93 Class.	<u>WWF, MF</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>POLYCHLORINATED BIPHENYLS (PCBS)</u>		
Source(s) of Impairment	<u>SOURCE UNKNOWN</u>		

*discharge is to the tidal portion of the mainstem.

Compliance History

DMR Data for Outfall 001 (from May 1, 2019 to April 30, 2020)

Parameter	APR-20	MAR-20	FEB-20	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19
Oil and Grease (mg/L) Average		< 5.0			< 5.0			< 5.0			< 5.0	
Oil and Grease (mg/L) Instantaneous Maximum		< 5.0			< 5.0			< 5.0			< 5.0	
TRPH (mg/L) Average		< 5.0			< 5.0			< 5.0			< 5.0	
TRPH (mg/L) Instantaneous Maximum		< 5.0			< 5.0			< 5.0			< 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) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Daily Maximum	Maximum	Instant. Maximum		
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 Avg Qrtly	XXX	30	1/quarter	Grab
TRPH	XXX	XXX	XXX	15.0 Avg Qrtly	XXX	30.0	1/quarter	Grab