pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Southeast Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0056430**
Facility Type	**Storm Water**	APS ID	**1024592**
Major / Minor	**Minor**	Authorization ID	**1329374**

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

Applicant and Facility Information

Applicant Name	**Sunoco Partners Marketing & Terminals, LP**	Facility Name	**Fort Mifflin Terminal**
Applicant Address	100 Green Street Marcus Hook, PA 19061	Facility Address	4 Hog Island Road Philadelphia, PA 19153
Applicant Contact	Ronald Bloom	Facility Contact	Ronald Bloom
Applicant Phone	(215) 977-3424	Facility Phone	(215) 977-3424
Client ID	161585	Site ID	444985
SIC Code	4226,4613	Municipality	Tinicum Township
SIC Description	Trans. & Utilities - Refined Petroleum Pipelines, Trans. & Utilities - Special Warehousing And Storage	County	Delaware
Date Application Received	September 29, 2020	EPA Waived?	Yes
Date Application Accepted		If No, Reason	

Purpose of Application: Permit Renewal.

Summary of Review

Applicant requests renewal of an NPDES permit to discharge stormwater from Fort Mifflin Terminal.

The facility receives crude oil at two docks along the Delaware River. There is containment on the docks that collects any incidental spills or leaks that may occur during the process. Offloaded oil is sent to the tank farm and subsequently off site via pipeline. The facility has six tanks for crude. The facility also has two bunker C oil tanks.

The tanks are located in a diked area that acts to contain possible leaks from the tanks. Stormwater within the dikes is inspected twice daily and must pass visual inspection before being released. Stormwater collected onsite in tank dikes is directed to Outfall 001 through a storm swale.

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

With this renewal two additional Outfalls, 002 and 003 are incorporated in the permit that would discharge collected stormwater from containment areas on Docks A and B.

There is an oil-water separator located at the site which is currently not in use. All the equipment at the docks has been purged and emptied. The whole site is idle with no activity.

Based on the DMRs and inspection report the facility is in compliance with the permit requirements.

Approve	Deny	Signatures	Date
X		*Sara Abraham* Sara Reji Abraham, E.I.T. / Project Manager	October 26, 2020
X		*Pravin Patel* Pravin C. Patel, P.E. / Environmental Engineer Manager	10/26/2020

Summary of Review

The following limits are recommended for the new permit:

Parameters	Limits (mg/l)/ basis
Oil and Grease	15 (PAG 03, Chapter 95.2)
TRPH	15 (BPJ)
TSS	Report (PAG03)
pH	6.0 to 9.0 SU (Chapter 95.2)

These requirements are appropriate and consistent with the requirements of other similar discharges in the area.

Outfall 003 is not required to be monitored as Outfall 002 is determined to be the representative Outfall.

Since the drainage area is small (approximately 4 acres), and discharge is not continuous, it should not be an issue for PCBs. There is a PCB TMDL for Delaware River, however no monitoring is included for PCBs.

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:

Tinicum Township - August 26, 2020
Delaware County - August 25, 2020

Permit Conditions:

1. Stormwater Outfalls
2. BMPs
3. Routine Inspections
4. PPC Plan
5. Stormwater Monitoring
6. Acquire Necessary Property Rights
7. Proper Sludge Disposal

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	0
Latitude	39º 52' 19.20"	Longitude	-75º 12' 57.32"
Quad Name	Woodbury	Quad Code	2044
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary to Delaware River (WWF)	Stream Code	0002
NHD Com ID	133072412	RMI	90.9
Watershed No.	3-F	Chapter 93 Class.	WWF
Assessment Status	Impaired		
Cause(s) of Impairment	polychlorinated biphenyls (PCBs)		
Source(s) of Impairment	source unknown		
TMDL Status	Final	Name	Delaware River Estuary PCB TMDLs

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	002	Design Flow (MGD)	0
Latitude	39º 52' 12.62"	Longitude	-75º 12' 57.29"
Quad Name	Woodbury	Quad Code	2044
Wastewater Description:	Stormwater		
Receiving Waters	Delaware River (WWF, MF)	Stream Code	0002
NHD Com ID	133072413	RMI	90.7
Watershed No.	3-F	Chapter 93 Class.	WWF, MF
Assessment Status	Impaired		
Cause(s) of Impairment	polychlorinated biphenyls (PCBs)		
Source(s) of Impairment	source unknown		
TMDL Status	Final	Name	Delaware River Estuary PCB TMDLs

Discharge, Receiving Waters and Water Supply Information

Outfall No.	003	Design Flow (MGD)	0
Latitude	39º 52' 12.62"	Longitude	-75º 12' 57.29"
Quad Name	Woodbury	Quad Code	2044
Wastewater Description:	Stormwater		
Receiving Waters	Delaware River (WWF, MF)	Stream Code	0002
NHD Com ID	133072413	RMI	90.8
Watershed No.	3-F	Chapter 93 Class.	WWF, MF
Assessment Status	Impaired		
Cause(s) of Impairment	polychlorinated biphenyls (PCBs)		
Source(s) of Impairment	source unknown		
TMDL Status	Final	Name	Delaware River Estuary PCB TMDLs

Compliance History

DMR Data for Outfall 001 (from September 1, 2019 to August 31, 2020)

Parameter	AUG-20	JUL-20	JUN-20	MAY-20	APR-20	MAR-20	FEB-20	JAN-20	DEC-19	NOV-19	OCT-19	SEP-19
Oil and Grease (mg/L) Average			< 5.6			< 5.0			< 5.0			< 5.0
Oil and Grease (mg/L) Instantaneous Maximum			< 5.6			< 5.0			< 5.0			< 5.0
TRPH (mg/L) Average			< 5.6			< 5.0			< 5.0			< 5.0
TRPH (mg/L) Instantaneous Maximum			< 5.6			< 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	Average Quarterly	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	XXX	30	1/quarter	Grab
TRPH	XXX	XXX	XXX	15.0	XXX	30.0	1/quarter	Grab

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 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	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	XXX	30	1/quarter	Grab
TRPH	XXX	XXX	XXX	15.0	XXX	30.0	1/quarter	Grab