pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Southeast Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0034487**
Facility Type	**Storm Water**	APS ID	**1030763**
Major / Minor	**Minor**	Authorization ID	**1340208**

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

Applicant and Facility Information

Applicant Name	**Meenan Oil Company, LP**	Facility Name	**Meenan Oil Company IWTP**
Applicant Address	113 Main Street	Facility Address	113 Main Street
	Tullytown, PA 19007		Tullytown, PA 19007
Applicant Contact	John Stinson	Facility Contact	John Stinson
Applicant Phone	(215) 943-9818	Facility Phone	(215) 943-9818
Client ID	83312	Site ID	248794
SIC Code	5171	Municipality	Tullytown Borough
SIC Description	Wholesale Trade - Petroleum Bulk Stations And Terminals	County	Bucks
Date Application Received	January 22, 2021	EPA Waived?	Yes
Date Application Accepted		If No, Reason	
Purpose of Application	Permit Renewal.		

Summary of Review

The applicant requests renewal of NPDES permit to discharge treated stormwater from the facility into Delaware River.

Meenan Oil Company is a petroleum barge terminal with on-shore light products, a bulk petroleum marine storage terminal used in the storage and distribution of No. 2 fuel oil and diesel to retail and commercial end-users throughout Philadelphia, Bucks and Montgomery Counties of Pennsylvania, and Mercer and Burlington County areas of New Jersey. The facility has two outfalls associated with this permit.

Outfall 001: Stormwater runoff from the surface of barge. The rain-water from the barge surface area is collected in a sump. Any oil leaks from tanks also flows towards the sump. The sump pump diverts the wastewater to an oil/water separator located near the barge in dock area and the treated wastewater discharges to Delaware River via Outfall 001.

Outfall 002: Outfall 002 discharges stormwater from the site to an unnamed tributary to Delaware River. This site is located northwest of the dock on the west side of main street. The stormwater from the oil distribution center flows to an oil/water separator and then into a retention basin. The stormwater from the parking area discharges directly to a retention basin. The discharge from the retention basin to UNT occurs intermittently throughout the year.

Effluent limits are based on provisions of Chapter 95, Section 95.2 of the Department of Environmental Protection's (Department) Rules and Regulations for Petroleum Marketing Terminals. The effluent limits for all the parameters are rolled over in this permit renewal. The discharge is generally in compliance with the permit limits.

Approve	Deny	Signatures	Date
X		Ketan Thaker Ketan Thaker / Project Manager	March 30, 2021
X		Pravin Patel Pravin C. Patel, P.E. / Environmental Engineer Manager	03/30/2021

Summary of Review

The following are effluent limits.

Parameters	Concentrations (AV MO) Mg/l	Basis
pH	6.0 to 9.0 SU	PA Code Chap 95.2 – PMT
Total Suspended Solids	30	PA Code Chap 95.2 – PMT
Oil and Grease	15	PA Code Chap 95.2 – PMT
TRPH	15	PA Code Chap 95.2 – PMT

Act -14 Notifications to Tullytown Borough and Bucks County Commissioner Office on January 4, 2021.

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.	001	Design Flow (MGD)	0
Latitude	40Âº 7' 38.09"	Longitude	-74Âº 49' 19.62"
Quad Name		Quad Code	
Wastewater Description:	Stormwater		
Receiving Waters	Delaware River (WWF, MF)	Stream Code	
NHD Com ID	25486828	RMI	0.0000
Drainage Area		Yield (cfs/mi^2)	
Q_{7-10} Flow (cfs)		Q_{7-10} Basis	
Elevation (ft)		Slope (ft/ft)	
Watershed No.	2-E	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)		
Source(s) of Impairment	SOURCE UNKNOWN		
TMDL Status	Final	Name	Delaware River Estuary PCB TMDLs

Background/Ambient Data		Data Source
pH (SU)		
Temperature (°F)		
Hardness (mg/L)		
Other:		

Nearest Downstream Public Water Supply Intake			
PWS Waters		Flow at Intake (cfs)	
PWS RMI		Distance from Outfall (mi)	

Discharge, Receiving Waters and Water Supply Information

Outfall No.	002	Design Flow (MGD)	0
Latitude	40Âº 7' 42.68"	Longitude	-74Âº 49' 23.41"
Quad Name		Quad Code	
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary to Delaware River	Stream Code	
NHD Com ID	25486824	RMI	
Drainage Area		Yield (cfs/mi^2)	
Q_{7-10} Flow (cfs)		Q_{7-10} Basis	
Elevation (ft)		Slope (ft/ft)	
Watershed No.	2-E	Chapter 93 Class.	
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Impaired		
Cause(s) of Impairment			
Source(s) of Impairment	HABITAT MODIFICATION -, RUNOFF/STORM SEWERS, URBAN RUNOFF/STORM SEWERS,		
TMDL Status	Final	Name	Delaware River Estuary PCB TMDLs

Background/Ambient Data		Data Source
pH (SU)		
Temperature (°F)		
Hardness (mg/L)		
Other:		

Nearest Downstream Public Water Supply Intake			
PWS Waters		Flow at Intake (cfs)	
PWS RMI		Distance from Outfall (mi)	

Compliance History

DMR Data for Outfall 001 (from February 1, 2020 to January 31, 2021)

Parameter	JAN-21	DEC-20	NOV-20	OCT-20	SEP-20	AUG-20	JUL-20	JUN-20	MAY-20	APR-20	MAR-20	FEB-20
Flow (GPD) Average Monthly		288000			288000			288000			288000	
pH (S.U.) Instantaneous Minimum		7.8			7.4			7.8			7.9	
pH (S.U.) Instantaneous Maximum		9.0			9.0			9.0			9.0	
TSS (mg/L) Average Monthly		4.2			14.7			12.0			20.7	
Oil and Grease (mg/L) Average Monthly		1.6			< 1.4			< 1.4			< 1.4	
Oil and Grease (mg/L) Instantaneous Maximum		5.0			5.0			5.0			5.0	
TRPH (mg/L) Average Monthly		1.5			< 1.4			< 2.1			< 1.4	
TRPH (mg/L) Instantaneous Maximum		5.0			5.0			5.0			5.0	

DMR Data for Outfall 002 (from February 1, 2020 to January 31, 2021)

Parameter	JAN-21	DEC-20	NOV-20	OCT-20	SEP-20	AUG-20	JUL-20	JUN-20	MAY-20	APR-20	MAR-20	FEB-20
Flow (GPD) Average Monthly		496800			496800			496800			496800	
pH (S.U.) Instantaneous Minimum		8.4			8.4			8.0			7.6	
pH (S.U.) Instantaneous Maximum		9.0			9.0			9.0			9.0	
TSS (mg/L) Average Monthly		< 2.5			< 2.5			7.8			3.6	
Oil and Grease (mg/L) Average Monthly		< 1.4			< 1.4			8.7			2.0	

Oil and Grease (mg/L) Instantaneous Maximum		5.0			5.0			5.0			5.0	
TRPH (mg/L) Average Monthly		< 2.5			< 1.4			6.3			2.5	
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	Average Quarterly	Maximum	Instant. Maximum		
Flow (GPD)	Report Avg Qrtly	XXX	XXX	XXX	XXX	XXX	1/quarter	Calculation
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/quarter	Grab
TSS	XXX	XXX	XXX	30.0	XXX	60	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

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		
Flow (GPD)	Report Avg Qrtly	XXX	XXX	XXX	XXX	XXX	1/quarter	Calculation
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/quarter	Grab
TSS	XXX	XXX	XXX	30.0	XXX	60	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