Pennsylvania Department of Environmental Protection

Southeast Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0011231**
Facility Type	**Industrial**	APS ID	**1136175**
Major / Minor	**Minor**	Authorization ID	**1524917**

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

Applicant and Facility Information

Applicant Name	**MIPC LLC**	Facility Name	**MIPC LLC Chelsea Terminal**
Applicant Address	920 Cherry Tree Road	Facility Address	920 Cherry Tree Road
	Aston, PA 19014-9997		Aston, PA 19014-9997
Applicant Contact	Abdul Bamgbose	Facility Contact	John Bowen
Applicant Phone	(610) 364-8187	Facility Phone	(484) 816-3303
Client ID	298743	Site ID	502590
SIC Code	4613	Municipality	Upper Chichester Township
SIC Description	Trans. & Utilities - Refined Petroleum Pipelines	County	Delaware
Date Application Received	April 29, 2025	EPA Waived?	Yes
Date Application Accepted		If No, Reason	
Purpose of Application	Renewal		

Summary of Review

The permittee requests renewal of an NPDES permit to discharge industrial stormwater through Outfall 001, 002 and 003 from Chelsea Pipeline Station and Tank Farm to Boozers Run, a tributary to Marcus Hook Creek in Upper Chichester Township, Delaware County.

The Chelsea Station is spread over an area of 153.732 acres of land in Aston Township, Bethel Township and Upper Chichester Township. Most of the area and the outfalls are located in Upper Chichester Township. Therefore, the station is considered located in Upper Chichester Township.

There are three stormwater outfalls at the site.

Outfall 001: discharges stormwater from pipeline manifold area. The stormwater from the pipeline manifold area flows to an oil water separator and eventually discharges to Boozers Run. The capacity of the separator is 700 gpm.

Outfall 002: discharges stormwater from tank dike areas. Stormwater from tank dikes 704, 706 and 707 flows to a 700 gpm oil water separator and stormwater from tank dike 715 flows to a 110 gpm oil water separator. These two oil water separators discharge to Pond no 2. Eventually the overflow from Pond no. 2 discharges to Boozers Run.

Outfall 003: discharges stormwater from tank dike areas and treated groundwater from the groundwater treatment system at the site. Stormwater from tank dikes 700, 701, 702, 703, 708, 709, 710, and 711 flows to two oil water separators in parallel and then to Pond no. 3. The capacities of the oil water separators are 700 gpm each. The overflow from the Pond discharges to Boozers Run.

The parameters in the existing permit; Flow (monitoring), Oil and Grease (15 mg/l) and TRPH (15 mg/l), TSS and pH are carried over to this renewal. These are appropriate and consistent with the requirements of similar type of discharges.

Approve	Deny	Signatures	Date
x		*Vasantha* Vasantha Palakurti / Environmental Engineering Specialist	November 13, 2025
x		*Pravin Patel* Pravin C. Patel, P.E. / Environmental Engineer Manager	11/13/2025

Summary of Review

Monitoring Point 103:

It is noted in the application as well as in the last inspection report that the system is currently shut down and not in operation since 2021. Permittee requested the monitoring point removed from the permit. P66 (12 extraction wells) is in the process of submitting final reports to close out. Therefore, MP 103 is removed from the permit.

Since GW remediation system is removed, for next renewal, permittee could apply for Individual Industrial Stormwater permit instead.

Since the facility did not have any fire incidents since 2012 and no fire suppressants or retarders were used or stored on site (as confirmed by the permittee on 11/10/2025), therefore, PFOA, PFOS, PBFS, HFPO-DA sampling were not required in this renewal and no monitoring for the parameters not included.

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	39Âº 51' 22.96"	Longitude	-75Âº 27' 3.45"
Quad Name	Marcus Hook	Quad Code	2042
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary to Marcus Hook Creek (WWF, MF)	Stream Code	00514
NHD Com ID	25602641	RMI	1.33
Watershed No.	3-G	Chapter 93 Class.	WWF, MF
Assessment Status	Impaired		
Cause(s) of Impairment	CAUSE UNKNOWN, FLOW REGIME MODIFICATION, HABITAT ALTERATIONS, SILTATION		
Source(s) of Impairment	HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION, URBAN RUNOFF/STORM SEWERS, URBAN RUNOFF/STORM SEWERS, URBAN RUNOFF/STORM SEWERS		

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	002	Design Flow (MGD)	0
Latitude	39Âº 51' 25.30"	Longitude	-75Âº 27' 8.32"
Quad Name	Marcus Hook	Quad Code	2042
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary to Marcus Hook Creek (WWF, MF)	Stream Code	00514
NHD Com ID	25602871	RMI	1.51
Watershed No.	3-G	Chapter 93 Class.	WWF, MF
Assessment Status	Impaired		
Cause(s) of Impairment	CAUSE UNKNOWN, FLOW REGIME MODIFICATION, HABITAT ALTERATIONS, SILTATION		
Source(s) of Impairment	HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION, URBAN RUNOFF/STORM SEWERS, URBAN RUNOFF/STORM SEWERS, URBAN RUNOFF/STORM SEWERS		

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	003	Design Flow (MGD)	.00864
Latitude	39Âº 51' 22.95"	Longitude	-75Âº 27' 4.11"
Quad Name	Marcus Hook	Quad Code	2042
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary to Marcus Hook Creek (WWF, MF)	Stream Code	00514
NHD Com ID	25602641	RMI	1.33
Watershed No.	3-G	Chapter 93 Class.	WWF, MF
Assessment Status	Impaired		
Cause(s) of Impairment	CAUSE UNKNOWN, FLOW REGIME MODIFICATION, HABITAT ALTERATIONS, SILTATION		
Source(s) of Impairment	HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION, URBAN RUNOFF/STORM SEWERS, URBAN RUNOFF/STORM SEWERS, URBAN RUNOFF/STORM SEWERS		

Compliance History	
Summary of DMRs:	No violations were reported
Summary of Inspections:	No violations were reported during inspection conducted on 10/23/2024.

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 (GPD) Daily Maximum	88.1			595			39484			44.067		
pH (S.U.) Instantaneous Minimum	7.91			6.69			6.72			6.58		
pH (S.U.) Instantaneous Maximum	7.91			6.69			6.72			6.58		
TSS (mg/L) Daily Maximum	< 5.0			8.7			< 5.0			13		
Oil and Grease (mg/L) Average Quarterly	< 1.17			0.74			< 0.74			< 0.74		
Oil and Grease (mg/L) Instantaneous Maximum	< 1.17			< 0.74			< 0.74			< 0.74		
TRPH (mg/L) Average Quarterly	< 1.2			< 0.5			< 0.5			< 0.5		
TRPH (mg/L) Instantaneous Maximum	< 1.2			< 0.5			< 0.5			< 0.5		

DMR Data for Outfall 002 (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 (GPD) Daily Maximum	155			749			129732			19.61		
pH (S.U.) Instantaneous Minimum	7.46			6.61			6.5			7.07		
pH (S.U.) Instantaneous Maximum	7.46			6.61			6.5			7.07		
TSS (mg/L) Daily Maximum	< 5.0			11.7			< 5.0			14.7		
Oil and Grease (mg/L) Average Quarterly	< 1.17			< 0.74			< 0.74			< 1		

Oil and Grease (mg/L) Instantaneous Maximum	< 1.17			< 0.74			< 0.74			< 1		
TRPH (mg/L) Average Quarterly	< 1.2			< 0.5			< 0.5			< 0.6		
TRPH (mg/L) Instantaneous Maximum	< 1.2			< 0.5			< 0.5			< 0.6		

DMR Data for Outfall 003 (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 (GPD) Daily Maximum	155			463			62046			19.61		
pH (S.U.) Instantaneous Minimum	7.53			6.73			6.45			7.15		
pH (S.U.) Instantaneous Maximum	7.53			6.73			6.45			7.15		
TSS (mg/L) Daily Maximum	12.8			16			< 5.0			< 8.3		
Oil and Grease (mg/L) Average Quarterly	< 1.17			< 0.74			< 0.74			< 0.94		
Oil and Grease (mg/L) Instantaneous Maximum	< 1.17			< 0.74			< 0.74			< 0.94		
TRPH (mg/L) Average Quarterly	< 1.2			< 0.5			< 0.5			< 0.6		
TRPH (mg/L) Instantaneous Maximum	< 1.2			< 0.5			< 0.5			< 0.6		

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	Daily Maximum	Maximum	Instant. Maximum		
Flow (GPD)	XXX	Report Daily Max	XXX	XXX	XXX	XXX	1/quarter	Measured
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

Proposed Effluent Limitations and Monitoring Requirements

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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	Daily Maximum	Maximum	Instant. Maximum		
Flow (GPD)	XXX	Report Daily Max	XXX	XXX	XXX	XXX	1/quarter	Measured
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

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 003, 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		
Flow (GPD)	XXX	Report Daily Max	XXX	XXX	XXX	XXX	1/quarter	Measured
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