

Application Type Renewal
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0233366
APS ID 1083145
Authorization ID 1430515

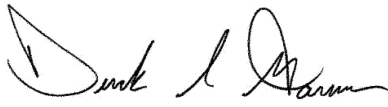

Applicant and Facility Information

Applicant Name	<u>NextTier Completion Solutions, Inc.</u>	Facility Name	<u>NexTier Mill Hall Facility</u>
Applicant Address	<u>3990 Rogerdale Road</u> <u>Houston, TX 77042-5142</u>	Facility Address	<u>120 Airstrip Drive</u> <u>Mill Hall, PA 17751-9505</u>
Applicant Contact	<u>Les Teague</u>	Facility Contact	<u>Richard Minshull</u>
Applicant Phone	<u>(281) 731-6469</u>	Facility Phone	<u>(272) 231-0874</u>
Client ID	<u>322903</u>	Site ID	<u>744386</u>
SIC Code	<u>1389</u>	Municipality	<u>Lamar Township</u>
SIC Description	<u>Mining - Oil And Gas Field Services, NEC</u>	County	<u>Clinton</u>
Date Application Received	<u>March 7, 2023</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>March 28, 2023</u>	If No, Reason	<u></u>

Purpose of Application Renewal of an existing permit for the discharge of industrial stormwater.

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.

Approve	Deny	Signatures	Date
X		 Derek S. Garner / Project Manager	December 28, 2023
X		 Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	December 28, 2023

Discharge, Receiving Waters and Water Supply Information

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>n/a</u>
Latitude	<u>41° 3' 49.81"</u>	Longitude	<u>-77° 26' 36.76"</u>
Quad Name	<u>Mill Hall</u>	Quad Code	<u>1026</u>
Wastewater Description: <u>Stormwater</u>			
Receiving Waters	<u>UNT of Fishing Creek</u>	Stream Code	<u>22466</u>
NHD Com ID	<u>67176236</u>	RMI	<u>0.3</u>
Drainage Area	<u>n/a</u>	Yield (cfs/mi ²)	<u>n/a</u>
Q ₇₋₁₀ Flow (cfs)	<u>n/a</u>	Q ₇₋₁₀ Basis	<u>n/a</u>
Elevation (ft)	<u>n/a</u>	Slope (ft/ft)	<u>n/a</u>
Watershed No.	<u>9-C</u>	Chapter 93 Class.	<u>HQ-CWF, MF</u>
Existing Use	<u>n/a</u>	Existing Use Qualifier	<u>n/a</u>
Exceptions to Use	<u>n/a</u>	Exceptions to Criteria	<u>n/a</u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u>n/a</u>		
Source(s) of Impairment	<u>n/a</u>		
TMDL Status	<u>n/a</u>	Name	<u>n/a</u>

Facility Summary

The Mill Hall Facility provides well support services to the oil and gas industry. The site features one 64,000 sq. ft. building in the center of the property surrounded by asphalt. The building houses truck maintenance, truck wash, parts, and chemical storage areas. The building also has a cafeteria and office space. Tractor trailers are parked in a gravel lot south of the building. Employee parking is to the west and east of the building. The area west of the building also has a small asphalt lane used to store empty 250-gal totes.

Stormwater leaves the site via Outfall 001 located on the western edge of the property.

Compliance History

The facility was most recently inspected by DEP on January 11, 2023. The inspection report does not note any violations.

There are no open violations associated with the permittee.

Development of Effluent Limitations

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>n/a</u>
Latitude	<u>41° 3' 49.81"</u>	Longitude	<u>-77° 26' 36.76"</u>
Wastewater Description: <u>Stormwater</u>			

Technology-Based Limitations

There are no technology-based limitations applicable to stormwater associated with oil and gas field services.

Water Quality-Based Limitations

DEP does not have an established procedure for modeling stormwater discharges. Accordingly, no water quality-based limitations are proposed.

Best Professional Judgment (BPJ) Limitations

The existing reporting requirements were established using BPJ. They are as follows:

Parameter	Concentrations (mg/L)			Minimum Measurement Frequency
	Minimum	Daily Maximum	IMAX	
pH (S.U.)	Report		Report	1/year
COD		Report		1/year
TSS		Report		1/year
Oil and Grease		Report		1/year
TKN		Report		1/year
Total Iron		Report		1/year

The permit has historically been adjusted to at least be as stringent as Appendix J of the PAG-03. DEP believes this method is still appropriate and that the permit should match the most recent version of Appendix J, revised December 2022. In addition to the Appendix J parameters, DEP believes it is still appropriate to maintain total iron, which at one point was included in Appendix J but has since been removed. It should also be noted that total Kjeldahl nitrogen has been changed to total nitrogen. Accordingly, DEP recommends the following monitoring requirements:

Parameter	Concentrations (mg/L)			Minimum Measurement Frequency
	Minimum	Daily Maximum	IMAX	
pH (S.U.)		Report		1/6 months
COD		Report		1/6 months
TSS		Report		1/6 months
Oil and Grease		Report		1/6 months
Total Nitrogen		Report		1/6 months
Total Phosphorus		Report		1/6 months
Total Iron		Report		1/6 months

Anti-Backsliding

No limits or monitoring requirements are proposed to be made less stringent.

Existing Monitoring Requirements

The existing monitoring requirements are as follows:

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	Report Inst Min	XXX	XXX	Report	1/year	Grab
Chemical Oxygen Demand (COD)	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Suspended Solids	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Kjeldahl Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Iron, Total	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001

Proposed Monitoring Requirements

The monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. 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)		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
COD	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Calculation
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Iron	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 001