

Application Type Renewal  
Facility Type Storm Water  
Major / Minor Minor

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

Application No. PA0273023  
APS ID 1018026  
Authorization ID 1317389

**Applicant and Facility Information**

Applicant Name	<u>Reed Oil Company</u>	Facility Name	<u>Harned Oil</u>
Applicant Address	<u>511 Montgomery Avenue</u> <u>New Castle, PA 16102</u>	Facility Address	<u>10470 Pymatuning Avenue</u> <u>Conneaut Lake, PA 16316</u>
Applicant Contact	<u>Loren Hagerman</u>	Facility Contact	<u>Loren Hagerman</u>
Applicant Phone	<u>(724) 658-4332</u>	Facility Phone	<u>(724) 658-4332</u>
Client ID	<u>140499</u>	Site ID	<u>571283</u>
SIC Code	<u>5171</u>	Municipality	<u>Sadsbury Township</u>
SIC Description	<u>Wholesale Trade - Petroleum Bulk Stations and Terminals</u>	County	<u>Crawford County</u>
Date Application Received	<u>May 29, 2020</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>June 16, 2020</u>	If No, Reason	<u>-</u>

Purpose of Application Renewal of an NPDES permit for an existing discharge of stormwater related to industrial activities.  
This application also includes the addition of Outfall 002, which also consists of only stormwater.

**Summary of Review**

Act 14 - Proof of Notification was submitted and received.  
This facility is not subject to any ELGs.  
A Part II Water Quality Management permit is not required at this time.  
The applicant should be able to continue to meet the limits of this permit, which will protect the uses of the receiving stream.

**SPECIAL CONDITIONS:**

- I. Stormwater Outfalls and Authorized Non-Stormwater Discharges
- II. Best Management Practices (BMPs)
- III. Routine Inspections
- IV. Preparedness, Prevention and Contingency (PPC) Plan
- V. Stormwater Monitoring Requirements
- VI. Other Requirements

There are no open violations in effects associated with the subject Client ID (140499) as of 4/22/2021.

Approve	Deny	Signatures	Date
X		Stephen A. McCauley Stephen A. McCauley, E.I.T. / Environmental Engineering Specialist	4/22/2021
X		Justin C. Dickey Justin C. Dickey, P.E. / Environmental Engineer Manager	April 26, 2021

**Discharge, Receiving Waters and Water Supply Information**

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.00</u>
Latitude	<u>41° 37' 8.00"</u>	Longitude	<u>-80° 19' 19.00"</u>
Quad Name	<u>-</u>	Quad Code	<u>-</u>
Wastewater Description: <u>Stormwater</u>			

Receiving Waters	<u>Unnamed Tributary to the Conneaut Lake (HQ-WWF)</u>	Stream Code	<u>N/A</u>
NHD Com ID	<u>127346670</u>	RMI	<u>N/A</u>
Drainage Area	<u>-</u>	Yield (cfs/mi <sup>2</sup> )	<u>-</u>
Q <sub>7-10</sub> Flow (cfs)	<u>-</u>	Q <sub>7-10</sub> Basis	<u>-</u>
Elevation (ft)	<u>-</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>16-D</u>	Chapter 93 Class.	<u>HQ-WWF *</u>
Existing Use	<u>-</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>

Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u>-</u>		
Source(s) of Impairment	<u>-</u>		
TMDL Status	<u>-</u>	Name	<u>-</u>

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

Nearest Downstream Public Water Supply Intake	<u>Aqua Pennsylvania, Inc. - Emlenton</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>1,376</u>
PWS RMI	<u>90.0</u>	Distance from Outfall (mi)	<u>56.0</u>

\* - This facility was determined to have been in operation prior to the High Quality stream designation.

No modeling was performed with this renewal as the discharges are both stormwater only.

There will be no changes to the monitoring or limitations that were set in the previous NPDES Permit.

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.

**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) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Semi-Annual Average	Maximum	Instant. Maximum		
Flow (MGD)	Report SEMI AVG	XXX	XXX	XXX	XXX	XXX	1/6 months	Estimate
pH (S.U.)	XXX	XXX	XXX	Report	XXX	XXX	1/6 months	Grab
Total Suspended Solids	XXX	XXX	XXX	Report	XXX	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	15.0	XXX	30.0	1/6 months	Grab
Total Recoverable Petroleum Hydrocarbons	XXX	XXX	XXX	15.0	XXX	30.0	1/6 months	Grab

Compliance Sampling Location: Outfall 001, prior to mixing with any other wastewaters.

Flow and pH are monitor only based on Chapter 92a.61. Monitoring for TSS is based on Appendix L for Petroleum Marketing Terminals under the PAG-03 General Permit issued in 9/2016. The limits for Oil and Grease and Total Recoverable Petroleum Hydrocarbons are based on Appendix L for Petroleum Marketing Terminals under the PAG-03 General Permit issued in 12/2010, which will be retained.

Compliance History

DMR Data for Outfall 001 (from March 1, 2020 to February 28, 2021)

Parameter	FEB-21	JAN-21	DEC-20	NOV-20	OCT-20	SEP-20	AUG-20	JUL-20	JUN-20	MAY-20	APR-20	MAR-20
Flow (MGD) Average			0.00288						0.0026			
pH (S.U.) Average			7.5						6.94			
TSS (mg/L) Average			8						< 4.0			
Oil and Grease (mg/L) Average			< 4.8						< 4.8			
Oil and Grease (mg/L) Maximum			< 4.8						< 4.8			
TRPH (mg/L) Average			< 4.8						< 4.8			
TRPH (mg/L) Maximum			< 4.8						< 4.8			

**Discharge, Receiving Waters and Water Supply Information**

Outfall No.	<u>002</u>	Design Flow (MGD)	<u>0.00</u>
Latitude	<u>41° 37' 10.52"</u>	Longitude	<u>-80° 19' 20.36"</u>
Quad Name	<u>-</u>	Quad Code	<u>-</u>
Wastewater Description: <u>Stormwater</u>			

Receiving Waters	<u>Unnamed Tributary to the Conneaut Lake (HQ-WWF)</u>	Stream Code	<u>N/A</u>
NHD Com ID	<u>127346670</u>	RMI	<u>N/A</u>
Drainage Area	<u>-</u>	Yield (cfs/mi <sup>2</sup> )	<u>-</u>
Q <sub>7-10</sub> Flow (cfs)	<u>-</u>	Q <sub>7-10</sub> Basis	<u>-</u>
Elevation (ft)	<u>-</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>16-D</u>	Chapter 93 Class.	<u>HQ-WWF</u>
Existing Use	<u>-</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>

Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u>-</u>		
Source(s) of Impairment	<u>-</u>		
TMDL Status	<u>-</u>	Name	<u>-</u>

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

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**Outfall 002, Effective Period: Permit Effective Date through Permit Expiration Date.**

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Semi-Annual Average	Maximum	Instant. Maximum		
Flow (MGD)	Report SEMI AVG	XXX	XXX	XXX	XXX	XXX	1/6 months	Estimate
pH (S.U.)	XXX	XXX	XXX	Report	XXX	XXX	1/6 months	Grab
Total Suspended Solids	XXX	XXX	XXX	Report	XXX	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	15.0	XXX	30.0	1/6 months	Grab
Total Recoverable Petroleum Hydrocarbons	XXX	XXX	XXX	15.0	XXX	30.0	1/6 months	Grab

Compliance Sampling Location: Outfall 001, prior to mixing with any other wastewaters.

Flow and pH are monitor only based on Chapter 92a.61. Monitoring for TSS is based on Appendix L for Petroleum Marketing Terminals under the PAG-03 General Permit issued in 9/2016. The limits for Oil and Grease and Total Recoverable Petroleum Hydrocarbons are based on Appendix L for Petroleum Marketing Terminals under the PAG-03 General Permit issued in 12/2010, which will be retained.