

Application Type Renewal
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0244465
APS ID 1003482
Authorization ID 1291447

Applicant and Facility Information

Applicant Name	<u>Oehlert Bros Inc.</u>	Facility Name	<u>Royersford PA Bulk Petroleum Storage Plant</u>
Applicant Address	<u>PO Box 699, Royersford, PA 19468-0699</u>	Facility Address	<u>1203 S Township Line Road Royersford, PA 19468-1806</u>
Applicant Contact	<u>Steven Oehlert</u>	Facility Contact	<u>Steven Oehlert</u>
Applicant Phone	<u>(610) 948-3666</u>	Facility Phone	<u>(610) 948-3666</u>
Client ID	<u>53904</u>	Site ID	<u>487535</u>
SIC Code	<u>5171</u>	Municipality	<u>Limerick Township</u>
SIC Description	<u>Wholesale Trade - Petroleum Bulk Stations And Terminals</u>	County	<u>Montgomery</u>
Date Application Received	<u>September 27, 2019</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Permit Renewal.</u>		

Summary of Review

The applicant requests renewal of an NPDES permit to discharge stormwater from Royersford Bulk Petroleum Storage Plant. The site is a bulk fuel oil storage facility with an associated tanker loading terminal and diesel/gasoline customer refueling areas. The company delivers fuel, and installs and services units.

Collected stormwater from the truck unloading manifold, loading rack and dispenser island is directed to a 2,000-gallon oil-water separator prior to discharge to the emergency containment area. Prior to discharge through outfall 001, collected stormwater within the emergency containment area is visually inspected.

Based on the site inspection a second outfall 002 has been incorporated to the new permit. This outfall drains the pervious surface of the northern parking area and the impervious surface area of the driveway from the Township Line Road entrance. The outfall receives sheet flow from the drainage area that flows down the steep northern stream bank of the tributary. Staked-down straw bales can be used to stabilize the embankment. The PADOT road culvert at the driveway entrance is clogged with sediment and debris and is the contributor of total suspended solids to the runoff that reaches Outfall 002. There is a concern that the stormwater runoff from outside of the facility's area could interfere with representative sample collection at Outfall 002. It is found that the operational area of Outfall 002 could be isolated by creating a berm on the upgradient side of the fenced in operational area. No monitoring requirement is included in the permit at this time. DEP expect the facility to submit a representative sample from Outfall 002 at the next permit renewal.

Approve	Deny	Signatures	Date
X		<i>Sara Abraham</i> Sara Reji Abraham, E.I.T. / Project Manager	04-28-2020
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	04/28/2020

Summary of Review

The existing effluent limits are carried over to the new permit for Outfall 001 as follows:

Parameter	Limits (mg/l)
Flow	Estimate (MGD)
pH	6.0 to 9.0 SU at all times
Oil and Grease	15 (ave.) 30 (Imax.)
TRPH	15 (ave.) 30 (Imax.)

TSS monitoring is also included in the permit in consistent with the Stormwater General Permit, appendix L.

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:

Limerick Township - September 25, 2019
Montgomery Township - September 25, 2019

Permit Conditions:

- A. Stormwater Outfalls
- B. Best Management Practices
- C. Routine Inspections
- D. PPC Plan
- E. Stormwater Monitoring
- F. Acquire Necessary Property Rights
- G. Proper Sludge Disposal
- H. Applicable BAT/BCT Standards
- I. TMDL/WLA Analysis
- J. Small Stream Discharge

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>40° 12' 38.79"</u>	Longitude	<u>-75° 30' 41.75"</u>
Quad Name	<u>Phoenixville</u>	Quad Code	<u>08-21-1</u>
Wastewater Description: <u>Stormwater</u>			
Receiving Waters	<u>UNT to Mingo Creek (WWF, MF)</u>	Stream Code	<u>01615</u>
NHD Com ID	<u>25989318</u>	RMI	<u>1.25</u>
Watershed No.	<u>3-D</u>	Chapter 93 Class.	<u>WWF, MF</u>
Assessment Status	<u>Attaining Use(s)</u>		

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>002</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>40° 12' 13.45"</u>	Longitude	<u>-75° 30' 41.98"</u>
Quad Name	<u>Phoenixville</u>	Quad Code	<u>08-21-1</u>
Wastewater Description: <u>Stormwater</u>			
Receiving Waters	<u>UNT to Mingo Creek (WWF, MF)</u>	Stream Code	<u>01615</u>
NHD Com ID	<u>25989352</u>	RMI	<u>0.9800</u>
Watershed No.	<u>3-D</u>	Chapter 93 Class.	<u>WWF, MF</u>
Assessment Status	<u>Attaining Use(s)</u>		

Compliance History

DMR Data for Outfall 001 (from November 1, 2018 to October 31, 2019)

Parameter	OCT-19	SEP-19	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19	JAN-19	DEC-18	NOV-18
Flow (MGD) Daily Maximum		0.0144			0.0036			FF				
pH (S.U.) Instantaneous Minimum		7.1			7.12			7.37				
pH (S.U.) Instantaneous Maximum		7.1			7.12			7.37				
Oil and Grease (mg/L) Average		< 1.4			< 5			< 5.0				
Oil and Grease (mg/L) Instantaneous Maximum		< 1.4			< 5			< 5.0				
TRPH (mg/L) Average		< 1.4			< 5			< 5.0				
TRPH (mg/L) Instantaneous Maximum		< 1.4			< 5			< 5.0				

Proposed Effluent Limitations and Monitoring Requirements

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 (MGD)	XXX	Report Daily Max	XXX	XXX	XXX	XXX	1/quarter	Estimate
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

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

No Monitoring is required.