

Application Type New
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0245607
APS ID 1104153
Authorization ID 1468028

Applicant and Facility Information

Applicant Name	<u>Shipley Energy Co.</u>	Facility Name	<u>Spring City PA Bulk Petroleum Storage Facility</u>
Applicant Address	<u>415 Norway Street</u> <u>York, PA 17403-2531</u>	Facility Address	<u>3361 Schuylkill</u> <u>Spring City, PA 19475</u>
Applicant Contact	<u>Andrew Walker</u>	Facility Contact	<u>Andrew Walker</u>
Applicant Phone	<u>(717) 771-1843</u>	Facility Phone	<u>(717) 771-1843</u>
Client ID	<u>235991</u>	Site ID	<u>503295</u>
SIC Code	<u>5171</u>	Municipality	<u>East Vincent Township</u>
SIC Description	<u>Wholesale Trade - Petroleum Bulk Stations And Terminals</u>	County	<u>Chester</u>
Date Application Received	<u>December 28, 2023</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Application for discharge of stormwater associated with industrial activities.</u>		

Summary of Review

Applicant has submitted Individual NPDES Permit application for discharge of stormwater associated with industrial activities into unnamed tributary to Schuylkill River, which is classified as High-Quality (HQ-TSF, MF) stream. Previously, the facility was covered under General Permit PAR800143 and was required to submit Individual NPDES application as the receiving stream is High Quality stream.

The Spring City PA Bulk Petroleum Storage Facility is a petroleum storage facility where No. 2 (Heating Oil) fuel oil is stored and distributed. Heating oil tank wagons receive fuel from the loading rack for offsite delivery. Heating oil is stored in above-ground storage tanks (ASTS), conveyed via above ground fuel lines and transfer pumps. Stormwater from the loading rack area is treated by 1000-gallon Oil-water separator. Stormwater from the ASTS, Fuel Lines, Loading Rack and Transfer Pump area goes to containment basin and ultimately to UNT to Schuylkill River through Outfall 001. The site activities are associated with standard industrial classification (SIC) code 5171 "Petroleum Bulk Stations and Terminals". The applicant provided a North American Industry Classification System (NAICS) code 42, which applies to Wholesale Trade, for this facility the NAICS code is 42471 "Petroleum Bulk Stations and Terminals" and is covered under Appendix L of PAG-03. We have included Appendix L and BMPs associated with of General Permit PAG-03 for this Individual NPDES permit.

As the receiving stream is High-quality stream, we have included effluent limit of 5.0 mg/l for Oil & Grease and 30 mg/l for Total Suspended Solids to ensure that there is no increase in the pollutant load to the receiving stream and the discharge complies with Anti-degradation policy. We have included monitoring requirements for Total Nitrogen and Total Phosphorus in the NPDES permit. With proper implementation of BMPs, permittee can meet the effluent limits of the permit.

Act-14 Notification to East Vincent Township on December 27, 2023.

Act-14 Notification to Chester County on December 27, 2023.

Approve	Deny	Signatures	Date
X		<i>Ketan Thaker</i> Ketan Thaker / Project Manager	2/14/2024
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	02/14/2014

Summary of Review

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.	<u>001</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>40° 11' 5.68"</u>	Longitude	<u>-75° 34' 14.58"</u>
Quad Name	<u></u>	Quad Code	<u></u>
Wastewater Description: <u>Stormwater</u>			

Receiving Waters	<u>Unnamed Tributary of Schuylkill River (HQ-TSF, MF)</u>	Stream Code	<u></u>
NHD Com ID	<u>25989388</u>	RMI	<u></u>
Drainage Area	<u></u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u></u>	Q ₇₋₁₀ Basis	<u></u>
Elevation (ft)	<u></u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>3-D</u>	Chapter 93 Class.	<u>HQ-TSF, MF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>NUTRIENTS, PATHOGENS, SILTATION</u>		
Source(s) of Impairment	<u>AGRICULTURE, AGRICULTURE, SOURCE UNKNOWN</u>		
TMDL Status	<u>Final</u>	Name	<u>Unnamed Tributary Schuylkill River</u>

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

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

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	Average Monthly	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/6 months	Grab
TSS	XXX	XXX	XXX	XXX	30.0	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	5.0	XXX	1/6 months	Grab
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab