

Application Type Renewal
Facility Type _____
Major / Minor Minor

**NPDES PERMIT FACT SHEET
INDIVIDUAL SEWAGE**

Application No. PA0245496
APS ID 1075494
Authorization ID 1433793

Applicant and Facility Information

Applicant Name	<u>Alger Oil Inc.</u>	Facility Name	<u>Davis Fuel Oxford Facility</u>
Applicant Address	<u>544 Lincoln Street</u> <u>Oxford, PA 19363-1522</u>	Facility Address	<u>533 Lincoln Street</u> <u>Oxford, PA 19363-1521</u>
Applicant Contact	<u>Robert Clemson</u>	Facility Contact	<u>Kaylee Claudio</u>
Applicant Phone	<u>(610) 932-4104</u>	Facility Phone	<u>(610) 932-7526</u>
Client ID	<u>163781</u>	Site ID	<u>569345</u>
Ch 94 Load Status	_____	Municipality	<u>Oxford Borough</u>
Connection Status	_____	County	<u>Chester</u>
Date Application Received	<u>November 9, 2022</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	_____	If No, Reason	_____
Purpose of Application	_____		

Summary of Review

The permittee requests approval for the renewal of a National Pollutant Discharge Elimination System (NPDES) Individual Permit to discharge stormwater from a heating oil supply filling station located at 533 Lincoln Street, Oxford, PA 19363-1521. The facility discharges stormwater to an unnamed tributary to West Branch Big Elk Creek a High Quality – Trout Stocking Fishes (HQ – TSF), the discharge flow into the Susquehanna River and eventually into the Chesapeake Bay.

This is a heating oil supply filling station. All transfer areas of the facility, including truck filling area, are paved with concrete. The paved areas is surrounded (on the down gradient side) by four inch high curbs and a trench drain. The stormwater runoff contained within these curbs is directed to the trench drain. The drain flow into a 4,000 gallons underground water storage tank, from the storage tank, the stormwater flow into a 4,000-gallon Oil/Water Separator where any oil is separated out. Once the stormwater flows through the oil/water separator, it flows approximately 150 feet underground to the discharge location.

There are no changes in the flow, stream designation, and influent quality, therefor the previous effluent limitations are carried over to the new permit. Once every six months reporting requirements were added for Total Nitrogen and Total Phosphorus for this facility per the new PAG-03 Appendix L. The permit's best management practices (BMPs) have been updated according to Appendix L. The permit limits will be as follows:

Parameter	Concentration (mg/l)		Monitoring Frequency	Sample Type
	Semi-Annual Average	Daily Maximum		
Total Suspended Solids	Report	Report	1/6 Months	Grab
Oil and Grease	15	30	1/6 Months	Grab

Approve	Deny	Signatures	Date
X		<i>Charley Yang</i> Charley Yang / Environmental Engineering Specialist	August 7, 2023
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	08/09/2023

Summary of Review

Total Recoverable Petroleum Hydrocarbons (TRPH)	15	30	1/6 Months	Grab
Total Nitrogen			1/6 Months	Calculation
Total Phosphorus			1/6 Months	Grab

Act 14 Notifications:

Chester County Court House - September 27, 2022
 Borough of Oxford - September 27, 2022

Draft will be sent to operations, consultant, and permittees.

Proposed Part C. 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
 - A. Acquire Necessary Property Rights
 - B. Sludge Disposal Requirement
 - C. BAT/BCT Reopener

Sludge use and disposal description and location(s):

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>39° 47' 22.97"</u>	Longitude	<u>-75° 58' 10.55"</u>
Quad Name	<u>Oxford</u>	Quad Code	<u>2038</u>
Wastewater Description: <u>Stormwater</u>			
Receiving Waters	<u>Unnamed Tributary of West Branch Big Elk Creek (HQ-TSF, MF)</u>	Stream Code	<u>06734</u>
NHD Com ID	<u>112188814</u>	RMI	<u>0.82</u>
Drainage Area	<u>0.12 mi²</u>	Yield (cfs/mi ²)	<u>0.1225</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.0147</u>	Q ₇₋₁₀ Basis	<u>Pennsylvania StreamStats</u>
Elevation (ft)	<u>551.7</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>7-K</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>Attaining Use(s)</u>		

Changes Since Last Permit Issuance: No Change

Other Comments:

Treatment Facility Summary				
Treatment Facility Name: Alger Oil Facility				
WQM Permit No.		Issuance Date		
Waste Type	Degree of Treatment	Process Type	Disinfection	Avg Annual Flow (MGD)
Storm Water				
Hydraulic Capacity (MGD)	Organic Capacity (lbs/day)	Load Status	Biosolids Treatment	Biosolids Use/Disposal

Changes Since Last Permit Issuance: No Change

Other Comments:

Compliance History	
Summary of DMRs:	No issue with DMRs
Summary of Inspections:	Per the inspection report from September 2021, the facility is well maintained.

Other Comments:

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	Semi-Annual Average	Daily Maximum	Instant. Maximum		
TSS	XXX	XXX	XXX	Report	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	15.0	30.0	XXX	1/6 months	Grab
TRPH	XXX	XXX	XXX	15.0	30.0	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

Compliance Sampling Location:

Other Comments: