

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0272175
APS ID 1115134
Authorization ID 1487582

Applicant, Facility and Project Information

Applicant Name	<u>Scott Jackson & Scott Taylor</u>	Facility Name	<u>Scott Jackson & Scott Taylor SFTF</u>
Applicant Address	<u>1525 Three Degree Road</u> <u>Mars, PA 16046-3813</u>	Facility Address	<u>Old Lake Road</u> <u>Erie, PA 16510</u>
Applicant Contact	<u>Scott Jackson</u>	Facility Contact	<u></u>
Applicant Phone	<u>(724) 713-7819</u>	Facility Phone	<u></u>
Client ID	<u>349131</u>	Site ID	<u>832555</u>
SIC Code	<u>8800</u>	Municipality	<u>Springfield Township</u>
SIC Description	<u>Private Households</u>	County	<u>Erie</u>
Date Application Received	<u>May 19, 2024</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>July 2, 2024</u>	WQM App. No.	<u></u>
Project Description	<u>Renewal of a NPDES Permit for an existing discharge from a SFTF.</u>		

Summary of Review

The discharge is a facility serving two cottages. Treatment consists of two (2) 1000-gallon dual-compartment septic tanks with effluent filters, a Premier Tech EC7-600-C-P Ecoflo Coco filter with effluent pump, and UV disinfection unit. Design flow is 0.0006 MGD and is permitted under WQM Permit No. 2519408.

There are currently no open violations for the permittee listed in EFACTS (5/28/2025).

Sludge use and disposal description and location(s): Septage must be pumped and hauled off-site by a septage hauler for land application under a general permit authorized by DEP or disposal at a STP.

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		Adam J. Pesek Adam J. Pesek, E.I.T. / Project Manager	May 28, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	June 6, 2025

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0006</u>
Latitude	<u>41° 59' 43.8"</u>	Longitude	<u>-80° 27' 41.8"</u>
Quad Name	<u></u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed tributary to Lake Erie</u>	Stream Code	<u>62687</u>
NHD Com ID	<u>123922038</u>	RMI	<u>0.0400</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>15-A</u>	Chapter 93 Class.	<u>CWF, 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>		
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>7.0</u>	Default	<u></u>
Temperature (°F)	<u>20</u>	Default (CWF)	<u></u>
Hardness (mg/L)	<u></u>		<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>Lake Erie</u>		
PWS Waters	<u>Lake Erie</u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u></u>	Distance from Outfall (mi)	<u>0.04.</u>

Changes Since Last Permit Issuance:

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" (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) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	Report Inst Min	XXX	XXX	Report	Upon Request	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001 (after disinfection)

Other Comments: Flow is monitor only based on Chapter 92a.61. the limits for BOD5, Total Suspended Solids, and Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7.