

Application Type New  
Wastewater Type Sewage  
Facility Type SFTF

**NPDES PERMIT FACT SHEET  
INDIVIDUAL SFTF/SRSTP**

Application No. PA0272175  
APS ID 991029  
Authorization ID 1269417

**Applicant, Facility and Project Information**

Applicant Name	<u>Scott Jackson &amp; Scott Taylor</u>	Facility Name	<u>Scott Jackson &amp; Scott Taylor SFTF</u>
Applicant Address	<u>1525 Three Degree Road, Mars, PA 16046 &amp; 5535 Sterrettania Road, Erie PA 16506</u>	Facility Address	<u>Cottage #51 &amp; #52 Old Lake Road Summer Trust Erie, PA 16510</u>
Applicant Contact	<u>Scott Jackson &amp; Scott Taylor</u>	Facility Contact	<u></u>
Applicant Phone	<u></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>March 21, 2019</u>	WQM Required	<u>Yes - Pending</u>
Date Application Accepted	<u>April 25, 2019</u>	WQM App. No.	<u>2519408</u>
Project Description	<u>New discharge from a new Small Flow Treatment Facility.</u>		

**Summary of Review**

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.

This project involves a repair of a malfunctioning onlot system serving two cottages.

Act 537 Planning was approved on November 19, 2018.

This permit does not qualify for a PAG-04 NPDES general permit because the Coco filter does not conform to the Department's Small Flow Treatment Facilities Manual.

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, E.I.T. / Environmental Engineering Specialist	
X		Justin C. Dickey, P.E. / Environmental Engineer Manager	

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>East Springfield</u>	Quad Code	<u>0302</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 <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>578</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>15-A</u>	Chapter 93 Class.	<u>Cold Water Fishes, Migratory Fishes</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 (°C)	<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) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> 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: Monitoring frequency was set in accordance with those given for "Single Residence Sewage Treatment Plants," found in the Department's SOP entitled "New and Reissuance Small Flow Treatment Facility Individual NPDES Permit Application," given that the combined flow from these cottages will be similar to the flow from an average permitted single residence.