

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

## NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0271853  
APS ID 1126444  
Authorization ID 1507792

### Applicant, Facility and Project Information

Applicant Name	<u>Tyler Laird</u>	Facility Name	<u>Tyler Laird SRSTP</u>
Applicant Address	<u>2490 Route 957</u> <u>Russell, PA 16345-2606</u>	Facility Address	<u>2490 Route 957</u> <u>Russell, PA 16345-2606</u>
Applicant Contact	<u>Tyler Laird</u>	Facility Contact	<u>Tyler Laird</u>
Applicant Phone	<u>(814) 706-6530</u>	Facility Phone	<u>(814) 706-6530</u>
Client ID	<u>346112</u>	Site ID	<u>800409</u>
SIC Code	<u>4952, 8800</u>	Municipality	<u>Farmington Township</u>
SIC Description	<u>Private Households, Trans. &amp; Utilities - Sewerage Systems</u>	County	<u>Warren</u>
Date Application Received	<u>November 25, 2024</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>November 26, 2024</u>	WQM App. No.	<u>-</u>
Project Description	<u>Renewal of an NPDES Permit for an existing discharge of treated sanitary wastewater.</u>		

### Summary of Review

Act 14 - Proof of Notification was submitted and received.

The applicant should be able to meet the limits of this permit, which will protect the uses of the receiving stream.

#### I. OTHER REQUIREMENTS:

- |  |                                 |
|--|---------------------------------|
| A. AMRs  | F. Stormwater into sewers       |
| B. DMRs  | G. Right of way                 |
| C. Depth of Septage and Scum Measurement           | H. Solids handling              |
| D. Septic Tank Pumping                             | I. Public Sewerage Availability |
| E. Effluent Chlorine Optimization and Minimization |                                 |

SPECIAL CONDITIONS: Ultraviolet (UV) Disinfection

Permitted treatment consists of: A 1,000-gallon dual chamber septic tank with an NSF-certified effluent filter, a Premier Tech (WQM Permit no. 6218409) Ecoflo EC7-500 C-P coco filter, and a Salcor 3G ultraviolet (UV) light disinfection unit.

There are no open violations in efacts for Client ID 346112 as of 10/2/2025.

Approve	Deny	Signatures	Date
X		Stephen A. McCauley	10/2/2025
		Stephen A. McCauley, E.I.T. / Project Manager	
X		Adam Olesnanik	10/3/2025
		Adam Olesnanik, P.E. / Environmental Engineer Manager	

**Discharge, Receiving Waters and Water Supply Information**

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>41° 57' 38.37"</u>	Longitude	<u>-79° 10' 44.57"</u>
Quad Name	<u>-</u>	Quad Code	<u>-</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to the Johnny Run (CWF)</u>	Stream Code	<u>N/A</u>
NHD Com ID	<u>129446829</u>	RMI	<u>N/A</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>-</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>16-B</u>	Chapter 93 Class.	<u>CWF</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			
pH (SU)	<u>-</u>	Data Source	<u>-</u>
Temperature (°F)	<u>-</u>		<u>-</u>
Hardness (mg/L)	<u>-</u>		<u>-</u>
Other:	<u>-</u>		<u>-</u>
Nearest Downstream Public Water Supply Intake <u>-</u>			
PWS Waters	<u>-</u>	Flow at Intake (cfs)	<u>-</u>
PWS RMI	<u>-</u>	Distance from Outfall (mi)	<u>-</u>

**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.

This SFTF was designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General Permit due to the use of a Premier Tech Ecoflo EC7-500 C-P coco filter.

No modeling was performed for this NPDES Permit as the Premier Tech EC7-500 coco filter is capable of meeting CBOD<sub>5</sub> averages of 8 mg/l and TSS averages of 6 mg/l, which are less than the inputs of the WQ model.

**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	6.0 Daily Min	XXX	9.0 Daily Max	XXX	Upon Request	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	1000	1/year	Grab

Compliance Sampling Location: Outfall 001, after disinfection.

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