

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0228877
APS ID 1097744
Authorization ID 1456485

Applicant, Facility and Project Information

Applicant Name	<u>Lanzer, Tracy</u>	Facility Name	<u>Tracy Lanzer SRSTP</u>
Applicant Address	<u>1743 Old Berwick Road</u> <u>Bloomsburg, PA 17815-3032</u>	Facility Address	<u>15 Stoneybrook Road</u> <u>Orangeville, PA 17859-9017</u>
Applicant Contact	<u>Tracy Lanzer</u>	Facility Contact	<u>Tracy Lanzer</u>
Applicant Phone	<u>(570) 441-8967</u>	Facility Phone	<u>(570) 441-8967</u>
Client ID	<u>380067</u>	Site ID	<u>635647</u>
SIC Code	<u>8811</u>	Municipality	<u>Orange Township</u>
SIC Description	<u>Services - Private Households</u>	County	<u>Columbia</u>
Date Application Received	<u>September 22, 2023</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>October 5, 2023</u>	WQM App. No.	<u>1904401 T-2</u>
Project Description	<u>Renewal of a NPDES Permit for a SRSTP discharge.</u>		

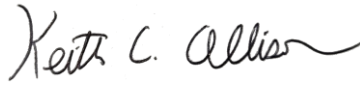

Summary of Review

The subject permit is for an existing Single Residence Sewage Treatment Plant (SRSTP) serving a home in the Orange Township, Columbia County. A map of the discharge location is attached.

Upon issuance of this NPDES renewal this NPDES permit as well as WQM Permit No. 1904402 will be transferred from Santo Lazafame to Tracy Lanzer.

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		 Keith C. Allison / Project Manager	January 4, 2024
X		 Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	January 4, 2024

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>41° 2' 52.43"</u>	Longitude	<u>-76° 25' 44.30"</u>
Quad Name	<u>Lock Haven, PA</u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Stony Brook (EV)</u>	Stream Code	<u>27760</u>
NHD Com ID	<u>65639795</u>	RMI	<u>8.1</u>
Drainage Area (mi ²)	<u>3.72 sq. miles</u>	Yield (cfs/mi ²)	<u>n/a</u>
Q ₇₋₁₀ Flow (cfs)	<u>n/a</u>	Q ₇₋₁₀ Basis	<u>n/a</u>
Elevation (ft)	<u>540</u>	Slope (ft/ft)	<u>n/a</u>
Watershed No.	<u>05C</u>	Chapter 93 Class.	<u>Exceptional Value Waters</u>
Existing Use	<u>EV</u>	Existing Use Qualifier	<u>n/a</u>
Exceptions to Use	<u>none</u>	Exceptions to Criteria	<u>none</u>
Assessment Status	<u>Attaining Use(s)</u>		
Nearest Downstream Public Water Supply Intake	<u>United Water of PA near Bloomsburg, PA</u>		
PWS Waters	<u>Fishing Creek</u>	Distance from Outfall (mi)	<u>Approx. 6.4</u>

Changes Since Last Permit Issuance: None

Other Comments: The discharge is not expected to affect any downstream water supply at this time with the monitoring and limitations proposed.

Compliance History	
Summary of AMRs:	The most recent AMR on file was for the 2020-2021 reporting period. The home apparently had been empty for the past few years.
Summary of Inspections:	The facility was last inspected by the Department on June 9, 2022. This inspection noted no violations.
Other Comments:	A query in WMS found no open violations in eFACTS for Tracy Lanzer.

Treatment Facility
The treatment process, as permitted under WQM No. 1904401, consists of 1,000-gallon septic tank, two pump tanks, four 40 ft ² free access sand filters, and UV light disinfection. The facility is designed to treat 400 gpd.

Existing Effluent Limitations and Monitoring Requirements

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	6.0 Daily Min	XXX	9.0 Daily Max	XXX	1/year	Grab
CBOD5	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	200.0	XXX	XXX	1/year	Grab
UV Transmittance (%)	XXX	XXX	XXX	Report Daily Max	XXX	XXX	1/month	Visual

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
CBOD5	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	200.0	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001

Other Comments: The exiting limits are standard for modern Small Flow Treatment Facilities and are adequate to protect the receiving waters.

Current Department-recommended monitoring requirements for SRSTPs do not include monitoring pH or UV disinfection. Therefore, the existing monitoring for pH and UV Transmittance will not be required in the draft permit.

Attachment

Discharge Location Map