

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0221759
APS ID 1001717
Authorization ID 1288450

Applicant, Facility and Project Information

Applicant Name	<u>Thomas Shuttleworth</u>	Facility Name	<u>Thomas Shuttleworth SRSTP</u>
Applicant Address	<u>923 Fern Road</u> <u>Saint Marys, PA 15857-3022</u>	Facility Address	<u>763 Jerry Road</u> <u>Wilcox, PA 15870</u>
Applicant Contact	<u>Robert Shuttleworth</u>	Facility Contact	<u>Robert Shuttleworth</u>
Applicant Phone	<u>(814) 781-6435</u>	Facility Phone	<u>(814) 781-6435</u>
Client ID	<u>352382</u>	Site ID	<u>242922</u>
SIC Code	<u>8811</u>	Municipality	<u>Jones Township</u>
SIC Description	<u>Services - Private Households</u>	County	<u>Elk</u>
Date Application Received	<u>September 3, 2019</u>	WQM Required	<u>Transfer Pending</u>
Date Application Accepted	<u>October 1, 2019</u>	WQM App. No.	<u>2495401 T-1</u>
Project Description	<u>Renewal/Transfer of a NPDES Permit for an existing discharge from a Single Residence Sewage Treatment Plant (SRSTP)</u>		

Summary of Review

The permit is being transferred from Robert L. Shuttleworth to Thomas Shuttleworth as part of this permit renewal.

This discharge does not qualify for a PAG-04 general permit because the discharge is to a high quality-designated stream.

A file review indicates annual maintenance reports have been submitted annually except for 2018.

The permittee is believed to be in compliance with the Department's rules and regulations.

The Total Residual Chlorine (TRC) limits were made more stringent as part of this permit renewal. They are now a technology-based limit based on Chapter 92a.48(b)(2) (average monthly limit) and a Water Quality-Based Effluent Limit (WQBEL) (IMAX limit). A review of AMRs indicate that the facility should consistently be able to meet the new TRC limits.

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>0.0004</u>
Latitude	<u>41° 36' 19"</u>	Longitude	<u>-78° 35' 21"</u>
Quad Name	<u>Glen Hazel</u>	Quad Code	<u>0617</u>
Wastewater Description: <u>Sewage Effluent</u>			

Receiving Waters	<u>Unnamed Tributary to Swamp Creek</u>	Stream Code	<u>50763</u>
NHD Com ID	<u>102663117</u>	RMI	<u>2.95</u>
Drainage Area	<u>0</u>	Yield (cfs/mi ²)	<u>0</u>
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Q ₇₋₁₀ Basis	<u>Intermittent Stream</u>
Elevation (ft)	<u>1990</u>	Slope (ft/ft)	<u>High Quality Waters - Cold Water Fishes</u>
Watershed No.	<u>17-A</u>	Chapter 93 Class.	<u>High Quality Waters - Cold Water Fishes</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>METALS</u>		
Source(s) of Impairment	<u>ACID MINE DRAINAGE</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>PA American Water Company – Clarion District</u>		
PWS Waters	<u>Clarion River</u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u></u>	Distance from Outfall (mi)	<u>80</u>

Changes Since Last Permit Issuance:

Other Comment:

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	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
TRC	XXX	XXX	XXX	0.5 Avg Mo	XXX	1.2	1/month	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:

