

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0272922
APS ID 1008390
Authorization ID 1300005

Applicant, Facility and Project Information

Applicant Name	<u>Marcy Stanton</u>	Facility Name	<u>Stanton SRSTP</u>
Applicant Address	<u>663 Thompson Hill Road</u> <u>Russell, PA 16345</u>	Facility Address	<u>4848 Route 957</u> <u>Russell, PA 16345</u>
Applicant Contact	<u>Marcy Stanton</u>	Facility Contact	<u>Marcy Stanton</u>
Applicant Phone	<u>(814) 757-8438</u>	Facility Phone	<u>(814) 757-8438</u>
Client ID	<u>354279</u>	Site ID	<u>787195</u>
SIC Code	<u>8800</u>	Municipality	<u>Farmington Township</u>
SIC Description	<u>Private Households</u>	County	<u>Warren County</u>
Date Application Received	<u>October 2, 2019</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>December 26, 2019</u>	WQM App. No.	<u>6214402 will be transferred concurrently</u>

Project Description Renewal of an NPDES Permit for an existing discharge of treated sanitary wastewater from an SRSTP. This application also transfers ownership from Ronald Hunter to Marcy Stanton.

Summary of Review

Act 14 - Proof of Notification was submitted and received.

The new 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: None.

Permitted treatment consists of: A 1,000 gallon dual compartment septic tank with an effluent filter, a 500 gpd Ecoflo STP 570P peat filter, and Ultraviolet (UV) light disinfection.

There are no open violations in effects for Client ID 354279 as of 1/31/2020.

Approve	Deny	Signatures	Date
X		/s/ Stephen A. McCauley Stephen A. McCauley, E.I.T. / Environmental Engineering Specialist	January 31, 2020
X		/s/ Justin C. Dickey Justin C. Dickey, P.E. / Environmental Engineer Manager	March 28, 2020

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	0.0004
Latitude	41° 55' 30.71"	Longitude	-79° 11' 54.23"
Quad Name	-	Quad Code	-
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to the Rhine Run (CWF)	Stream Code	N/A
NHD Com ID	129446808	RMI	N/A
Drainage Area	-	Yield (cfs/mi ²)	-
Q ₇₋₁₀ Flow (cfs)	-	Q ₇₋₁₀ Basis	-
Elevation (ft)	-	Slope (ft/ft)	-
Watershed No.	16-B	Chapter 93 Class.	Cold Water Fishes
Existing Use	-	Existing Use Qualifier	-
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment	-		
Source(s) of Impairment	-		
TMDL Status	-	Name	-
Background/Ambient Data		Data Source	
pH (SU)	-		-
Temperature (°F)	-		-
Hardness (mg/L)	-		-
Other:	-		-
Nearest Downstream Public Water Supply Intake		Aqua Pennsylvania, Inc. - Emlenton	
PWS Waters	Allegheny River	Flow at Intake (cfs)	1,376
PWS RMI	90.0	Distance from Outfall (mi)	120

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 an Ecoflo peat filter.

No modeling was performed for this NPDES Permit as an Ecoflo peat filter is capable of meeting CBOD₅ averages of 4 mg/l and TSS averages of 4 mg/l, which are less than the inputs of the WQ model.

The NPDES condition requiring the Permittee to clean the UV bulb monthly and report the date on the AMR was removed as it is no longer necessary with the revised AMR form.

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 (GPD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	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 Ultraviolet (UV) light disinfection.

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.