

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0239356  
APS ID 993374  
Authorization ID 1273456

**Applicant, Facility and Project Information**

Applicant Name	<u>Robert C. Montgomery</u>	Facility Name	<u>Robert C. Montgomery SRSTP</u>
Applicant Address	<u>1042 Enterprise Road</u> <u>Grove City, PA 16127</u>	Facility Address	<u>1042 Enterprise Road</u> <u>Grove City, PA 16127</u>
Applicant Contact	<u>Robert C. Montgomery</u>	Facility Contact	<u>Robert C. Montgomery</u>
Applicant Phone	<u>724-450-0606</u>	Facility Phone	<u>724-450-0606</u>
Client ID	<u>213397</u>	Site ID	<u>614552</u>
SIC Code	<u>8800</u>	Municipality	<u>Pine Township</u>
SIC Description	<u>Private Households</u>	County	<u>Mercer County</u>
Date Application Received	<u>April 24, 2019</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>May 16, 2019</u>	WQM App. No.	<u>-</u>
Project Description	<u>Renewal of NPDES Permit for an existing discharge of treated sanitary wastewater. The facility name is also being changed from the Robert C. Montgomery SFTF to the Robert C. Montgomery SRSTP.</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: None.

Permitted treatment consists of: (WQM Permit no. 4303412) A 500 gallon trash trap, a Clearstream model 500NC aerated septic tank system, a flooded 40 square foot open access rapid sand filter, and tablet chlorine disinfection with a 250 gallon chlorine contact tank.

There are no open violations in effects for Client ID 213397 as of 5/1/2020.

Approve	Deny	Signatures	Date
X		Stephen A. McCauley Stephen A. McCauley, E.I.T. / Environmental Engineering Specialist	5/1/2020
X		Justin C. Dickey Justin C. Dickey, P.E. / Environmental Engineer Manager	May 5, 2020

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	0.0004
Latitude	41° 9' 55.00"	Longitude	-80° 0' 51.00"
Quad Name	-	Quad Code	-
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to The Swamp Run (CWF)	Stream Code	N/A
NHD Com ID	126219201	RMI	N/A
Drainage Area	-	Yield (cfs/mi <sup>2</sup> )	-
Q <sub>7-10</sub> Flow (cfs)	-	Q <sub>7-10</sub> Basis	-
Elevation (ft)	-	Slope (ft/ft)	-
Watershed No.	20-C	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		-	
PWS Waters	-	Flow at Intake (cfs)	-
PWS RMI	-	Distance from Outfall (mi)	-

This SFTF does not qualify for a PAG-04 General NPDES Permit since it does not conform to the Small Flow Treatment Facilities Manual.

No modeling was performed for this facility due to its design as a SFTF, since these facilities have been shown to routinely meet the permit limits specified on the next page.

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.

**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	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0	XXX	9.0	XXX	Upon Request <small>(UCB)</small>	Grab
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/year	Grab
BOD5	XXX	XXX	XXX	10	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	20	XXX	40	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Annl Avg	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001, after disinfection.

Flow and TRC are monitor only based on 92a.61. The limits for pH are technology-based on Chapter 93.7. The limits for BOD<sub>5</sub>, Total Suspended Solids, and Fecal Coliforms are technology-based on Chapter 92a.47.