

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

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

Application No. PA0220981
APS ID 1059063
Authorization ID 1432427

Applicant, Facility and Project Information

Applicant Name	<u>Scott A. Wilcox</u>	Facility Name	<u>Scott A. Wilcox SFTF</u>
Applicant Address	<u>18306 South Main Street</u>	Facility Address	<u>18306 South Main Street</u>
	<u>Corry, PA 16407</u>		<u>Corry, PA 16407</u>
Applicant Contact	<u>Scott A. Wilcox</u>	Facility Contact	<u>Scott A. Wilcox</u>
Applicant Phone	<u>(814) 462-3109</u>	Facility Phone	<u>(814) 462-3109</u>
Client ID	<u>256146</u>	Site ID	<u>487962</u>
SIC Code	<u>8811</u>	Municipality	<u>Elgin Borough</u>
SIC Description	<u>Services - Private Households</u>	County	<u>Erie</u>
Date Application Received	<u>March 7, 2022</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>March 22, 2022</u>	WQM App. No.	<u>-</u>
Project Description	<u>NPDES Permit renewal for an existing discharge of treated sanitary wastewater from a Small Flow Treatment Facility (SFTF).</u>		

Summary of Review

Act 14 - Proof of Notification was submitted and received.

A Part II Water Quality Management permit is not required at this time.

The applicant should be able to continue to meet the limits of this permit, which will continue to 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 septic tank at each of two homes, a common 300 gallon dosing tank, a 792 square foot subsurface sand filter, and tablet chlorine disinfection with a 345 gallon contact tank.

~~There are no open violations in efacts associated with the subject Client ID (158482) as of 3/27/2023.~~

There are 5 open violations in WMS associated with Client ID 256146. Okay to issue Draft NPDES Permit per operations. 4/6/2023 CWY

Approve	Deny	Signatures	Date
X		Stephen A. McCauley Stephen A. McCauley, E.I.T. / Environmental Engineering Specialist	3/27/2023
X		Chad W. Yurisc Chad W. Yurisc, P.E. / Environmental Engineer Manager	4/6/2023

Discharge, Receiving Waters and Water Supply Information

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.000525</u>
Latitude	<u>41° 54' 10.00"</u>	Longitude	<u>79° 44' 44.00"</u>
Quad Name	<u>-</u>	Quad Code	<u>-</u>
Wastewater Description: <u>treated sanitary wastewater</u>			
Receiving Waters	<u>Beaver Run (EV)</u>	Stream Code	<u>53723</u>
NHD Com ID	<u>127347021</u>	RMI	<u>1.70</u>
Drainage Area	<u>-</u>	Yield (cfs/mi ²)	<u>-</u>
Q ₇₋₁₀ Flow (cfs)	<u>-</u>	Q ₇₋₁₀ Basis	<u>-</u>
Elevation (ft)	<u>-</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>16-A</u>	Chapter 93 Class.	<u>EV</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		Data Source	
pH (SU)	<u>-</u>		<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>

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 it discharging to an Exceptional Value-designated stream.

Changes Since Last Permit Issuance:

The limits for TSS were reduced from 20 mg/l monthly average and 40 mg/l instantaneous maximum to 10 mg/l monthly average and 20 mg/l instantaneous maximum to comply with the SOP and to match similar facilities.

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	1/month	Grab
TRC	XXX	XXX	XXX	0.5 Avg Mo	XXX	1.6	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.

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