



Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

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

Application No. PA0288047
APS ID 1117516
Authorization ID 1491698

Applicant, Facility and Project Information

Applicant Name	Kristen & Michael Beck	Facility Name	Kristen & Michael Beck SFTF
Applicant Address	161 Vidic Road West Sunbury, PA 16061-2721	Facility Address	256 Timblin Road Butler, PA 16001
Applicant Contact	Kristen Beck (klbeck1250@aol.com)	Facility Contact	Kristen Beck (klbeck1250@aol.com)
Applicant Phone	(724) 290-0669	Facility Phone	(724) 290-0669
Client ID	368818	Site ID	839229
SIC Code	6513	Municipality	Clay Township
SIC Description	Fin, Ins & Real Est - Apartment Building Operators	County	Butler
Date Application Received	June 17, 2024	WQM Required	No
Date Application Accepted	July 11, 2024	WQM App. No.	-
Project Description	Renewal of an NPDES Permit for an existing discharge of treated sanitary wastewater.		

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: Ultraviolet (UV) Disinfection

Proposed treatment will consist of: Two 1,500 gallon septic tanks with a Zabel A300 effluent filter on the outlet of the second septic tank, a 500 gallon dosing tank with pump, a flow distribution box, two Premier Tech EC7-1050-P-P Coco Filters in parallel, and a Salcor 3G Ultraviolet (UV) light disinfection unit.

There are no open violations in efacts for Client ID 368818 as of 6/18/2025.

Approve	Deny	Signatures	Date
X		Stephen A. McCauley Stephen A. McCauley, E.I.T. / Project Manager	6/18/2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	6/18/2025

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	0.0016
Latitude	40° 58' 4.79"	Longitude	-79° 56' 5.01"
Quad Name	-	Quad Code	-
Wastewater Description:	Sewage Effluent		
Receiving Waters	Muddy Creek (HQ-CWF)	Stream Code	34081
NHD Com ID	126221056	RMI	19.3
Drainage Area	-	Yield (cfs/mi ²)	-
Q ₇₋₁₀ Flow (cfs)	-	Q ₇₋₁₀ Basis	-
Elevation (ft)	-	Slope (ft/ft)	-
Watershed No.	20-C	Chapter 93 Class.	HQ-CWF
Existing Use	-	Existing Use Qualifier	-
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Impaired*		
Cause(s) of Impairment	Metals		
Source(s) of Impairment	Acid Mine Drainage (AMD) and Surface Mining		
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 facility is not expected to add to the impairment of the receiving stream.

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 receiving stream being designated as High-Quality.

No modeling was performed for this NPDES Permit as the Premier Tech Ecoflo EC7-1050 coco filter is capable of meeting CBOD₅ averages of 8 mg/l and TSS averages of 6 mg/l, which are less than the inputs of the WQ model.

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	Average Monthly	Maximum	Instant. Maximum		
Flow (GPD)	Report	XXX	XXX	XXX	XXX	XXX	1/month	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/month	Grab

Compliance Sampling Location: Outfall 001, after ultraviolet (UV) light disinfection.

Flow is monitor only based on Chapter 92a.61. The limits for pH are technology-based on Chapter 93.7 (the monitoring frequency has been established as 1/month due to the stream designation as high-quality). The limits for BOD5, Total Suspended Solids, and Fecal Coliforms are technology-based on Chapter 92a.47.