

Application Type New
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0233137
APS ID 1044638
Authorization ID 1363913

Applicant, Facility and Project Information

Applicant Name	<u>Steven E Renninger</u>	Facility Name	<u>Steven E Renninger</u>
Applicant Address	<u>1667 Smokey Corners Road</u> <u>Williamsport, PA 17701-9213</u>	Facility Address	<u>1667 Smokey Corners Road</u> <u>Williamsport, PA 17701-9213</u>
Applicant Contact	<u>Steven Renninger</u>	Facility Contact	<u></u>
Applicant Phone	<u>(570) 323-4267</u>	Facility Phone	<u></u>
Client ID	<u>364598</u>	Site ID	<u>851104</u>
SIC Code	<u>4952</u>	Municipality	<u>Hepburn Township</u>
SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>	County	<u>Lycoming</u>
Date Application Received	<u>July 29, 2021</u>	WQM Required	<u>Yes,</u>
Date Application Accepted	<u>8/6/2021</u>	WQM App. No.	<u>01412102</u>
Project Description	<u>Replace existing on-lot malfunctioning sewage system with new SRSTF with stream discharge.</u>		

Summary of Review

The above applicant has submitted an NPDES application for a new Single Residence Sewage Treatment Plant (SRSTP) to serve a single family residence at 1667 Smokey Corners Road in Hepburn Township, Lycoming County. The proposed design and construction of the SRSTP will be covered by Water Quality Management Permit No. 01412102, which will be issued simultaneously with the final NPDES permit. The proposed SRSTP will replace an existing failed on-lot system and will discharge to an Unnamed Tributary to Mill Run (WWF). The proposed system will be an Ecoflow Coco Biofilter system with UV disinfection. A more detailed description of the design will be covered in the Internal Review and Recommendations (IRR) for WQM No. 01412102.

Unless otherwise stated, all applicable Department Standard Operating Procedures (SOPs) were followed during the review of the application.

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		<i>Chad A. Fabian</i> Chad A. Fabian / Project Manager	August 6, 2021
X		<i>Nicholas W. Hartranft, P.E.</i> Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	August 9, 2021

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude	<u>41° 18' 25.68"</u>	Longitude	<u>-77° 0' 24.03"</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Mill Creek (WWF, MF)</u>	Stream Code	<u>19928</u>
NHD Com ID	<u>66913391</u>	RMI	<u>0.6800</u>
Drainage Area	<u>n/a, no modeling required</u>	Yield (cfs/mi ²)	<u>n/a, no modeling required</u>
Q ₇₋₁₀ Flow (cfs)	<u>n/a, no modeling required</u>	Q ₇₋₁₀ Basis	<u>n/a, no modeling required</u>
Elevation (ft)		Slope (ft/ft)	<u>n/a, no modeling required</u>
Watershed No.	<u>10-A</u>	Chapter 93 Class.	<u>WWF, MF</u>
Existing Use	<u>WWF</u>	Existing Use Qualifier	<u>n/a</u>
Exceptions to Use	<u>None</u>	Exceptions to Criteria	<u>None</u>
Assessment Status	<u>Attaining Use(s)</u>		
TMDL Status	<u>Final</u>	Name	<u>Lycoming Creek</u>

The TMDL is for low pH due to atmospheric deposition. There are no Waste Load Allocations (WLAs) designated in the TMDL. Per the Department's SOP for Small Flow Treatment Facility Individual NPDES Permit Applications (No. BCW-PMT-003), since there are no WLAs for the discharge, nothing further needs to be done to accommodate the TMDL.

Compliance History

As previously stated, the proposed facility will be a new facility to replace a failing on-lot system. The facility has not been constructed. Therefore, there is no history of compliance at the residence.

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
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: 001

Other Comments:

All of the above proposed effluent limitations, sample types, and sampling frequencies are in accordance with the Department's SOP Small Flow Treatment Facility Individual NPDES Permit Applications SOP (No. BCW-PMT-003). Per the respective SOP, no water quality monitoring is required for SRSTPs. Also per the SOP, the permittee will be required to submit the Annual Maintenance Report (AMR). The permittee should put the required sampling results within the table in the respective AMR.

It is recommended the permit be drafted as described above.