

Application Type New
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0290301
APS ID 1054525
Authorization ID 1381207

Applicant, Facility and Project Information

Applicant Name	<u>Ryan Day</u>	Facility Name	<u>Ryan Day SRSTP</u>
Applicant Address	<u>140 Bloomster Hollow</u> <u>Smethport, PA 16749-2404</u>	Facility Address	<u>140 Bloomster Hollow</u> <u>Smethport, PA 16749-2404</u>
Applicant Contact	<u>Ryan Day</u>	Facility Contact	<u></u>
Applicant Phone	<u>(417) 255-6053</u>	Facility Phone	<u></u>
Applicant E Mail	<u>ryanday_87@yahoo.com</u>	Facility E Mail	<u></u>
Client ID	<u>367575</u>	Site ID	<u>853160</u>
Municipality	<u>Hamlin Township</u>	County	<u>McKean</u>
SIC Code	<u>8800</u>	SIC Code	<u>4952</u>
SIC Description	<u>Private Households</u>	SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>
Received	<u>January 6, 2022</u>	WQM Required	<u>Yes – under concurrent review</u>
Accepted	<u>January 24, 2021</u>	WQM App. No.	<u>4222401</u>
Project Description	<u>Replacement of a failed on-lot sewage treatment facility serving a four-bedroom home</u>		

Summary of Review

No violations on file. Design is for 500-gpd and 1.4-ppd BOD5.

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>William H. Mentzer</i> William H. Mentzer, P.E. Environmental Engineering Specialist	January 24, 2022
X		Justin C. Dickey Justin C. Dickey, P.E. Environmental Engineer Manager	January 28, 2022

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0005</u>
Latitude DP	<u>41° 44' 50.28"</u>	Longitude DP	<u>-78° 31' 18.91"</u>
Latitude NHD	<u>41° 44' 51.94"</u>	Longitude N HD	<u>-78° 31' 18.06"</u>
Quad Name	<u>Hazelhurst</u>	Quad Code	<u>0517</u>
Wastewater:	<u>Treated single residence domestic wastes</u>		
Receiving Waters	<u>Unnamed Tributary to Bloomster Hollow</u>	Stream Code	<u>unknown</u>
NHD Com ID	<u>112375183</u>	RMI	<u>0.025</u>
Drainage Area	<u>0.1</u>	Yield (cfs/mi ²)	<u>0</u>
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Q ₇₋₁₀ Basis	<u>Dry stream</u>
Elevation (ft)	<u>1614.1</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>16-C</u>	Chapter 93 Class.	<u>CWF</u>
Existing Use	<u>statewide</u>	Existing Use Qualifier	<u>none</u>
Exceptions to Use	<u>none</u>	Exceptions to Criteria	<u>none</u>
Comments	<u>Confluence with Bloomster Hollow at RMI 0.93 Elevation 1600.00 feet Drainage 4.36-sq mi</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>State of New York</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>NA</u>
PWS RMI	<u>262.56</u>	Distance from Outfall (mi)	<u>23.71</u>

Changes Since Last Permit Issuance: NA

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 Daily Min	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	Upon Request	Grab
Biochemical Oxygen Demand (BOD5)	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Total Suspended Solids	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

Other Comments: UV radiation monitoring is specified on the Annual Maintenance Report (AMR)