

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0229164  
APS ID 1062999  
Authorization ID 1395673

**Applicant, Facility and Project Information**

Applicant Name	<u>Sharrow, Colby T.</u>	Facility Name	<u>Colby T. Sharrow</u>
Applicant Address	<u>151 Spotts Road</u> <u>Julian, PA 16844-9212</u>	Facility Address	<u>151 Spotts Road</u> <u>Julian, PA 16844-9212</u>
Applicant Contact	<u>Colby Sharrow</u>	Facility Contact	<u>Colby Sharrow</u>
Applicant Phone	<u>(814) 470-2721</u>	Facility Phone	<u>(814) 470-2721</u>
Client ID	<u>369951</u>	Site ID	<u>683610</u>
SIC Code	<u>4952</u>	Municipality	<u>Union Township</u>
SIC Description	<u>Trans. &amp; Utilities - Sewerage Systems</u>	County	<u>Centre</u>
Date Application Received	<u>May 10, 2022</u>	WQM Required	<u>Transfer of existing WQM</u>
Date Application Accepted	<u>May 12, 2022</u>	WQM App. No.	<u>1407405 T-2</u>
Project Description	<u>Renewal and Transfer of an expired NPDES Permit</u>		

**Summary of Review**

This facility is a Single Residence Sewage Treatment Plant (SRSTP) serving a 3-bedroom home in Union Township, Centre County. NPDES Permit No. PA0229164 was previously issued to Judith and Robert Taylor on August 25, 2015. Because the previous NPDES permit expired before an application for renewal and transfer was received, an application for a new NPDES permit was required. Because the facility is existing and still operating, this review was performed in a manner similar to a renewal for an existing NPDES permit.

Due to the design of the facility not being a design prescribed in the Small Flow Treatment Facilities Manual, PAG04 general permit coverage is not applicable.

A map indicating the facility location is attached.

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
✓		<i>Keith C. Allison</i> Keith C. Allison / Project Manager	July 13, 2022
✓		<i>Nicholas W. Hartranft</i> Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	July 13, 2022

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>40° 56' 0.49"</u>	Longitude	<u>-77° 54' 47.35"</u>
Quad Name	<u>Bear Knob, PA</u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Dewitt Run (CWF)</u>	Stream Code	<u>23147</u>
NHD Com ID	<u>67179086</u>	RMI	<u>0.048</u>
Drainage Area	<u>1.07 mi<sup>2</sup></u>	Yield (cfs/mi <sup>2</sup> )	<u>0.018</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.019</u>	Q <sub>7-10</sub> Basis	<u>Gage 01546000-Bald Eagle Creek @ Milesburg, PA</u>
Elevation (ft)	<u>1090</u>	Slope (ft/ft)	<u>0.18</u>
Watershed No.	<u>9-C</u>	Chapter 93 Class.	<u>CWF</u>
Existing Use	<u>Same as existing</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>		
Nearest Downstream Public Water Supply Intake	<u>PA-American Water Co @ Milton, PA</u>		
PWS Waters	<u>West Branch Susquehanna River</u>	Distance from Outfall (mi)	<u>Approx. 89</u>

Changes Since Last Permit Issuance: None. The above values for stream and drainage characteristics were determined in a previous review and remain adequate.

Other Comments: The discharge is not expected to affect any downstream water supply at this time with the limitations and monitoring proposed.

Compliance History	
<b>Summary of AMRs:</b>	No recent AMRs were available for reviewing.
<b>Summary of Inspections:</b>	The most recent inspection of the facility by the Department on August 6, 2020. This inspection identified a violation for the failure to submit a timely renewal application.
<b>Other Comments:</b>	A query in WMS found no open violations in eFACTS for Colby Sharrow.

Treatment Facility Summary
The treatment facility as permitted by WQM Permit No. 1407405 consists of a 1250-gallon septic tank, Premier Tech effluent filter, Premier Tech dosing tank, Ecoflo Peat-based biofilter, Erosion chlorinator and 415-gallon contact tank. The Ecoflo system was designed under the <i>Alternative Systems Guidance, 2/6/04</i> rather than the small flow treatment facility manual.
WQM Permit No. 1407405 will be transferred from Judith A. Taylor and Robert C. Taylor to Colby Sharrow with the final issuance of this NPDES Permit.

**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
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab
CBOD5	XXX	XXX	XXX	25	XXX	50	1/year	Grab
TSS	XXX	XXX	XXX	30	XXX	60	1/year	Grab
Fecal Coliform (CFU/100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001

Other Comments: The above limits are unchanged from the existing permit. Because the previous permit contains limits for CBOD<sub>5</sub> and TSS of 25 mg/l and 30 mg/l, respectively, and because the facility is not designed pursuant to the Small Flows manual the more stringent limits of 10 mg/l for both CBOD<sub>5</sub> and TSS for new SRSTPs will not be applied. All other limits and monitoring are standard for SRSTPs and should be achievable.

Attachment:

- Discharge Location Map

