

Application Type Renewal
 Wastewater Type Sewage
 Facility Type SRSTP

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

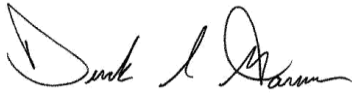

Application No. PA0233641
 APS ID 1124192
 Authorization ID 1503769

Applicant, Facility and Project Information

Applicant Name	<u>John M. & Kristen M. Gresh</u>	Facility Name	<u>Gresh SRSTP</u>
Applicant Address	<u>198 Bennett Road</u> <u>Julian, PA 16844-9309</u>	Facility Address	<u>198 Bennett Road</u> <u>Julian, PA 16844-9309</u>
Applicant Contact	<u>John & Kristen Gresh</u>	Facility Contact	<u>John & Kristen Gresh</u>
Applicant Phone	<u>(814) 355-0264</u>	Facility Phone	<u>(814) 355-0264</u>
Client ID	<u>266398</u>	Site ID	<u>703093</u>
SIC Code	<u>4952</u>	Municipality	<u>Union Township</u>
SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>	County	<u>Centre</u>
Date Application Received	<u>October 21, 2024</u>	WQM Required	<u>Issued, 6/23/2009</u>
Date Application Accepted	<u>October 23, 2024</u>	WQM App. No.	<u>1408402</u>
Project Description	<u>Renewal of an existing NPDES permit for the discharge of treated sewage.</u>		

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		 Derek S. Garner / Project Manager	September 19, 2025
X		 Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	September 22, 2025

Discharge, Receiving Waters and Water Supply Information

Outfall No.	<u>001</u>	Design Flow (GPD)	<u>400</u>
Latitude	<u>40° 56' 39.74"</u>	Longitude	<u>-77° 51' 41.96"</u>
Quad Name	<u>Bellefonte</u>	Quad Code	<u>1123</u>
Wastewater Description: <u>Sewage Effluent</u>			

Receiving Waters	<u>UNT to Brower Hollow Run</u>	Stream Code	<u>23130</u>
NHD Com ID	<u>67178926</u>	RMI	<u>0.21</u>
Drainage Area (mi ²)	<u>0.23</u>	Yield (cfs/mi ²)	<u>n/a</u>
Q ₇₋₁₀ Flow (cfs)	<u>n/a</u>	Q ₇₋₁₀ Basis	<u>n/a</u>
Elevation (ft)	<u>1,000</u>	Slope (ft/ft)	<u>n/a</u>
Watershed No.	<u>9-C</u>	Chapter 93 Class.	<u>CWF</u>
Existing Use	<u>n/a</u>	Existing Use Qualifier	<u>n/a</u>
Exceptions to Use	<u>n/a</u>	Exceptions to Criteria	<u>n/a</u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u>n/a</u>		
Source(s) of Impairment	<u>n/a</u>		
TMDL Status	<u>n/a</u>	Name	<u>n/a</u>

Nearest Downstream Public Water Supply Intake	<u>PA American Water Company at Milton, PA</u>		
PWS Waters	<u>West Branch Susquehanna River</u>	Flow at Intake (cfs)	<u>1,740</u>
PWS RMI	<u>10.6</u>	Distance from Outfall (mi)	<u>91</u>

Treatment Facility Summary

The Gresh Single Residence Sewage Treatment Plant (“SRSTP”) is a 400 GPD treatment plant that was constructed and operates under WQM Permit No. 1408402, issued June 23, 2009. Treatment consists of:

- One (1) 1,000-gal septic tank
- One (1) 126 ft² (9' x 14') EcoFlow peat-based biofilter
- One (1) erosion tablet chlorinator
- One (1) chlorine contact tank

Treated effluent is ultimately discharged via Outfall 001 to an unnamed tributary to Brower Hollow Run.

Compliance History

The facility was most recently inspected by DEP on August 14, 2024. The inspection report indicates DEP had not yet received the 2024 Annual Maintenance Report (AMR). The previous inspection on December 17, 2021 also noted that AMRs were not being submitted in a timely manner.

There are no open violations associated with the permittee.

Development of Effluent Limitations and Monitoring Frequencies

Outfall No.	<u>001</u>	Design Flow (GPD)	<u>600</u>
Latitude	<u>41° 46' 5.70"</u>	Longitude	<u>-77° 53' 4.08"</u>
Wastewater Description:	<u>Sewage</u>		

Technology-Based Limitations

The following technology-based limitations apply, subject to water quality analysis and BPJ where applicable:

Pollutant	Limit (mg/l)	SBC	Federal Regulation	State Regulation
BOD ₅	10	Average Monthly	125.3(a)(2)(i)	DEP SFTF Design Manual (Document 362-0300-002)
	20	IMAX		
Total Suspended Solids	10	Average Monthly	125.3(a)(2)(i)	DEP SFTF Design Manual (Document 362-0300-002)
	20	IMAX		
Total Residual Chlorine	0.5	Average Monthly	-	92a.47(a)(8)
Fecal Coliform	200 / 100 ml	Geo Mean	-	92a.47(a)(4)

Water Quality-Based Limitations

DEP generally does not conduct a water quality-based effluent limitation analysis for SRSTPs.

Best Professional Judgement (BPJ) Limitations

DEP does not propose any limits or monitoring requirements based on BPJ.

Anti-Backsliding

In accordance with 40 CFR 122.44(l)(1) and (2), this permit does not contain effluent limitations, standards, or conditions that are less stringent than the previous permit.

Existing Effluent Limitations and Monitoring Requirements

The existing effluent limitations and monitoring requirements are as follows:

Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum 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
TRC	XXX	XXX	XXX	Report Avg Mo	XXX	Report	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

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)		Concentrations (mg/L)				Minimum 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
TRC	XXX	XXX	XXX	Report Avg Mo	XXX	Report	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