

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0233641
APS ID 1004009
Authorization ID 1292459

Applicant, Facility and Project Information

Applicant Name	<u>John M. & Kristen M. Gresh</u>	Facility Name	<u>John & Kristen 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 15, 2019</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>October 17, 2019</u>	WQM App. No.	<u></u>
Project Description	<u>Renewal of a NPDES Permit.</u>		

Summary of Review

The subject facility is a Single Residence Sewage Treatment Plant (SRSTP). The discharge is subject to an individual NPDES permit due to the use of a peat filter which is not one of the prescribed treatment types in the Department's Small Flow Treatment Facilities Manual.

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
✓		Keith C. Allison / Project Manager	January 21, 2020
		Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</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>Unnamed Tributary to Brower Hollow Run (CWF)</u>	Stream Code	<u>23130</u>
NHD Com ID	<u>67178926</u>	RMI	<u>0.21</u>
Drainage Area	<u>0.23 mi²</u>	Elevation (ft)	<u>Approx. 1000</u>
Watershed No.	<u>09C</u>	Chapter 93 Class.	<u>Cold Water Fishes</u>
Existing Use	<u>N/A</u>	Existing Use Qualifier	<u>N/A</u>
Exceptions to Use	<u>None</u>	Exceptions to Criteria	<u>None4</u>
Assessment Status	<u>Attaining Use(s)</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>8,500,000</u>
PWS RMI	<u>10.8</u>	Distance from Outfall (mi)	<u>Approx. 91</u>

Changes Since Last Permit Issuance: None.

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

Treatment Facility
The treatment facility as permitted under WQM permit No. 1408402 consists of 1,000-gallon septic tank, 126-square foot (9' x 14') EcoFlo peat-based biofilter, tablet chlorinator, and chlorine contact tank.

Compliance History	
Summary of AMRs:	AMRs were received for the 2017-2018 and 2018-2019 reporting years and appear adequate. The facility is inspected annual under an annual maintenance agreement.
Summary of Inspections:	The facility was inspected once during the past permit term by the Department in a July 26, 2017 inspection by Meagon Aikey, Scientific Technician Intern. This inspection noted that AMRs had not been received since 2015 but did not identify any apparent operational violations.

Other Comments: A WMS query found no open violations in eFACTS for John and Kristen Gresh.

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
Total Residual Chlorine (TRC)	XXX	XXX	XXX	Report Avg Mo	XXX	Report	1/month	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

Other Comments: The monitoring requirements above have been changed consistent with the Department's current requirements for SRSTPs. As result, pH monitoring has been removed and TRC monitoring is now monthly rather than quarterly. All other monitoring and limitations are unchanged.

**Attachment:
Discharge Location Map**

