

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0272914  
APS ID 857391  
Authorization ID 1285177

**Applicant, Facility and Project Information**

Applicant Name	<u>Donna &amp; William Despain</u>	Facility Name	<u>Donna &amp; William Despain SRSTP</u>
Applicant Address	<u>106 Wasser Road</u> <u>Greenville, PA 16125-8010</u>	Facility Address	<u>106 Wasser Road</u> <u>Greenville, PA 16125-8010</u>
Applicant Contact	<u>William Despain</u>	Facility Contact	<u></u>
Applicant Phone	<u>(724) 885-0175 – email: NO EMAIL</u>	Facility Phone	<u></u>
Client ID	<u>315872</u>	Site ID	<u>786364</u>
Municipality	<u>Hempfield Township</u>	County	<u>Mercer</u>
SIC Code	<u>8800</u>	SIC Code	<u>4952</u>
SIC Description	<u>Private Households</u>	SIC Description	<u>Trans. &amp; Utilities - Sewerage Systems</u>
Application Received	<u>August 23, 2019</u>	WQM Required	<u>Existing permit is adequate</u>
Application Accepted	<u>September 2019</u>	WQM App. No.	<u></u>
Project Description	<u>Single Residence Sewage Treatment Plant discharge permit renewal.</u>		



**Summary of Review**

No violations reported

Annual pH monitoring

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
		William H. Mentzer William H. Mentzer, P.E. Environmental Engineering Specialist	March 25, 2020
		Justin C. Dickey Justin C. Dickey, P.E. Environmental Engineer Manager	June 16, 2020

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude NHD	<u>41°24' 34.23"</u>	Longitude NHD	<u>-80° 20' 27.70"</u>
Latitude DP	<u>41°24' 33.00"</u>	Longitude DP	<u>-80° 20' 27.00"</u>
Quad Name	<u>Greenville East</u>	Quad Code	<u>0702</u>
Wastewater:	<u>Single residence domestic waste</u>		
Receiving Waters	<u>Unnamed Trib Little Shenango R</u>	Stream Code	<u>unknown</u>
NHD Com ID	<u>130026987</u>	RMI	<u>0.02</u>
Drainage Area	<u>0.003</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.055</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0</u>	Q <sub>7-10</sub> Basis	<u>Little Shenango River</u>
Elevation (ft)	<u>1200.73</u>	Slope (ft/ft)	<u>0.01953</u>
Watershed No.	<u>20-A</u>	Chapter 93 Class.	<u>Trout Stocking</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 36230 RMI 0.27 Drainage 0.34 square mile elevation 1197.78</u>		
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	_____		
Source(s) of Impairment	_____		
TMDL Status	_____	Name	_____
Background/Ambient Data		Data Source	
pH (SU)	_____		_____
Temperature (°F)	_____		_____
Hardness (mg/L)	_____		_____
Other:	_____		_____
Nearest Downstream Public Water Supply Intake	<u>Greenville Borough Municipal Authority</u>		
PWS Waters	<u>Unnamed tributary</u>	Flow at Intake (cfs)	<u>NA</u>
PWS RMI	<u>2.31</u>	Distance from Outfall (mi)	<u>1.24</u>

Changes Since Last Permit Issuance: none

Other Comments: This proposal should not affect any downstream water uses.  
 Perennial stream conditions are projected at the water supply pond 1.2-miles downstream.

**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) 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		Minimum	Average Monthly		Instant. Maximum		
Flow (GPD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0	Upon Request	Grab
Total Residual Chlorine	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab
CBOD5	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 (CFU/100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/year	Grab

Monitoring is at outfall 001 after disinfection