

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0265080
APS ID 1051652
Authorization ID 1376169

Applicant, Facility and Project Information

Applicant Name	<u>Charlotte & Robert Russo</u>	Facility Name	<u>Charlotte & Robert Russo SRSTP</u>
Applicant Address	<u>6480 Lakeside Drive</u> <u>Sharpsville, PA 16150-9670</u>	Facility Address	<u>6480 Lakeside Drive</u> <u>Sharpsville, PA 16150</u>
Applicant Contact	<u>Robert Russo</u>	Facility Contact	<u></u>
Applicant Phone	<u>(724) 301-2214</u>	Facility Phone	<u></u>
Applicant E Mail	<u>Rocky.russo15@gmail.com</u>	Facility E Mail	<u></u>
Client ID	<u>335034</u>	Site ID	<u>821056</u>
Municipality	<u>South Pymatuning 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. & Utilities - Sewerage Systems</u>
Application Received	<u>November 15, 2021</u>	WQM Required	<u></u>
Application Accepted	<u>November 17, 2021</u>	WQM App. No.	<u>4317404</u>
Project Description	<u>NPDES discharge permit renewal.</u>		

Summary of Review

No violations on file.

High BOD5 and fecal coliform have been reported along with non-biodegradables in the septic tank and a loose septic tank effluent filter. The septic tank filter has been secured and septage removed which should enhance treatment.

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	November 17, 2021
X		Justin C. Dickey Justin C. Dickey, P.E. Environmental Engineer Manager	November 24, 2021

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>0.0004</u>
Latitude	<u>41° 19' 23.00"</u>	Longitude	<u>-80° 29' 36.00"</u>
Latitude	<u>41° 19' 23.67"</u>	Longitude	<u>-80° 29' 35.85"</u>
Quad Name	<u>Sharpsville</u>	Quad Code	<u>0802</u>
Wastewater:	<u>Treated single residence domestic wastes</u>		
Receiving Waters	<u>Unnamed Tributary to Shenango River</u>	Stream Code	<u>35991</u>
NHD Com ID	<u>130034317</u>	RMI	<u>0.74</u>
Drainage Area	<u>0.075</u>	Yield (cfs/mi ²)	<u>0</u>
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Q ₇₋₁₀ Basis	<u>intermittent</u>
Elevation (ft)	<u>930.11</u>	Slope (ft/ft)	<u>0.00066</u>
Watershed No.	<u>20-A</u>	Chapter 93 Class.	<u>WWF</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>The discharge is 0.09 mile above a reservoir bay that the receiving waters bypass.</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>Aqua PA</u>		
PWS Waters	<u>Shenango River</u>	Flow at Intake (cfs)	<u>NA</u>
PWS RMI	<u>29.45</u>	Distance from Outfall (mi)	<u>7.57</u>

Changes Since Last Permit Issuance: Sharpsville intake has been discontinued.

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 Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	Upon Request	Grab
TRC	XXX	XXX	XXX	Report	XXX	XXX	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 after disinfection