

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0264636
APS ID 1061578
Authorization ID 1392944

Applicant, Facility and Project Information

Applicant Name	<u>Gerald Hughes</u>	Facility Name	<u>Gerald Hughes SRSTP</u>
Applicant Address	<u>312 Steiner Bridge Road</u> <u>Valencia, PA 16059-2934</u>	Facility Address	<u>312 Steiner Bridge Road</u> <u>Valencia, PA 16059-2934</u>
Applicant Contact	<u>Gerald Hughes</u>	Facility Contact	<u></u>
Applicant Phone	<u>(724) 816-8382</u>	Facility Phone	<u></u>
Applicant E Mail	<u>brickryb@zoob.zoom.net</u>	Facility E Mail	<u></u>
Client ID	<u>369547</u>	Site ID	<u>809897</u>
Municipality	<u>Middlesex Township</u>	County	<u>Butler</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>
Date Application Received	<u>April 15, 2022</u>	WQM Required	<u>Transfer pending</u>
Date Application Accepted	<u>May2, 2022</u>	WQM App. No.	<u>1016406 T-1</u>
Project Description	<u>NPDES renewal and transfer.</u>		

Summary of Review

No violations reported. This is a renewal of a permit that expired on September 30, 2021. The facility was reported built and not in use on February 17, 2017 by William R. Mura, P.E.

Former owner Diana & George Mastovich, 1132 Lilly Vue Ct, Mars, Pa 16046

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	February 1, 2023
X		Chad W. Yurisc Chad W. Yurisc, P.E. Environmental Engineer Manager	February 2, 2023

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	0.0004
Latitude DP	40° 42' 11.00"	Longitude DP	-79° 53' 43.00"
Latitude NHD	40° 42' 10.93"	Longitude NHD	-79° 53' 43.57"
Quad Name	Valencia	Quad Code	1306
Wastewater Description: <u>Treated single residence domestic wastes</u>			
Receiving Waters	<u>Unnamed Tributary to Glade Run</u>	Stream Code	<u>63734</u>
NHD Com ID	<u>126222484</u>	RMI	<u>0.52 0.3400</u>
Drainage Area	<u>0.22</u>	Yield (cfs/mi ²)	<u>0.076</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.02</u>	Q ₇₋₁₀ Basis	<u>Slippery Rock Creek</u>
Elevation (ft)	<u>121261.93</u>	Slope (ft/ft)	<u>0/01</u>
Watershed No.	<u>20-C</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>0.34 mile above an unnamed tributary and 0.52 mile above Glade Run Reservoir</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>Beaver Falls Municipal Authority</u>		
PWS Waters	<u>Beaver River</u>	Flow at Intake (cfs)	<u>NA</u>
PWS RMI	<u>5,4</u>	Distance from Outfall (mi)	<u>44</u>

Changes Since Last Permit Issuance: NA

Other Comments: NA

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
BOD5	XXX	XXX	XXX	10	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	20	XXX	20	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001 after disinfection

Other Comments: Chlorine is not normally used. See AMR for UV radiation requirements