

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0265128
APS ID 1092198
Authorization ID 1446151

Applicant, Facility and Project Information

| | | | |
|---------------------------|-------------------------------------------------------|------------------|-------------------------------------------------------|
| Applicant Name | <u>Randy A Snider</u> | Facility Name | <u>Randy Snider SRSTP</u> |
| Applicant Address | <u>839 Mercer Road</u> <u>Greenville, PA 16125</u> | Facility Address | <u>839 Mercer Road</u> <u>Greenville, PA 16125</u> |
| Applicant Contact | <u>Randy Snider</u> | Facility Contact | <u></u> |
| Applicant Phone | <u>(724) 588-1591</u> | Facility Phone | <u></u> |
| Applicant E Mail | <u>No phone or e Mail</u> | Facility E Mail | <u></u> |
| Client ID | <u>336067</u> | Site ID | <u>821567</u> |
| Municipality | <u>Delaware 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> |
| Date Application Received | <u>June 14, 2023</u> | WQM Required | <u>The existing permit is adequate</u> |
| Date Application Accepted | <u>July 11, 2023</u> | WQM App. No. | <u></u> |
| Project Description | <u>NPDES permit renewal</u> | | |

Summary of Review

No open violations. 7/31/2023 CWY Renewal submitted to correct a violation for discharging without a NPDES permit (expired permit).

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 | July 18, 2023 |
| X | | Chad W. Yurisc Chad W. Yurisc, P.E. Environmental Engineer Manager | 7/31/2023 |

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>.0004</u> |
| Latitude | <u>41° 20' 48.07"</u> | Longitude | <u>-80° 20' 29.09"</u> |
| Latitude NHD | <u>41° 20' 41.55"</u> | Longitude NHD | <u>-80° 20' 28.88"</u> |
| Quad Name | <u>Fredonia</u> | Quad Code | <u>0803</u> |
| Wastewater Description: <u>Treated single residence domestic wastes</u> | | | |
| Receiving Waters | <u>Unnamed Tributary to Lawango Run</u> | Stream Code | <u>unknown</u> |
| NHD Com ID | <u>130025831</u> | RMI | <u>0.1400</u> |
| Drainage Area | <u>0.01-square mile 5.02-aces</u> | Yield (cfs/mi ²) | <u>0</u> |
| Q ₇₋₁₀ Flow (cfs) | <u>0</u> | Q ₇₋₁₀ Basis | <u>Dry stream</u> |
| Elevation (ft) | <u>1158.13</u> | Slope (ft/ft) | <u>0.01184</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>Drainage swale discharge with two nearby small flow sewage treatment facilities. Confluent With intermittent tributary 36092 at RMI 0.37, drainage 0.3-sqaure miles and Elev 1137.87 feet</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>2945</u> | Distance from Outfall (mi) | <u>18.86</u> |

Changes Since Last Permit Issuance: The Sharpsville public water supply intake has been abandoned.

Other Comments: none

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 | 10.0 | 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 | 1000 | 1/year | Grab |

Compliance Sampling Location: Outfall 001 after disinfection.