

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0232378
APS ID 1069087
Authorization ID 1405987

Applicant, Facility and Project Information

| | | | |
|---------------------------|--|------------------|--|
| Applicant Name | <u>Showver Max J</u> | Facility Name | <u>Max Showver SRSTP</u> |
| Applicant Address | <u>PO Box 144</u> <u>Tavares, FL 32778-0144</u> | Facility Address | <u>1773 Seven Kitchens Road</u> <u>Winfield, PA 17889</u> |
| Applicant Contact | <u>Max Showver</u> | Facility Contact | <u>Max Showver</u> |
| Applicant Phone | <u>(570) 274-6226</u> | Facility Phone | <u>(570) 274-6226</u> |
| Client ID | <u>301830</u> | Site ID | <u>769405</u> |
| SIC Code | <u>4952</u> | Municipality | <u>Union Township</u> |
| SIC Description | <u>Trans. & Utilities - Sewerage Systems</u> | County | <u>Union</u> |
| Date Application Received | <u>August 8, 2022</u> | WQM Required | <u></u> |
| Date Application Accepted | <u>August 10, 2022</u> | WQM App. No. | <u></u> |
| Project Description | <u>Renewal of existing NPDES Permit</u> | | |

Summary of Review

The above permittee has submitted a renewal application for an existing 400 gallons per day discharge from Outfall 001 at a Single Residence Sewage Treatment Plant (SRSTP). The system is typically only utilized on weekends during the summer months. The system consists of a 2000-gallon septic tank in series with a 1000 gallon septic tank, an effluent filter, two gravity free access sand filter, erosion tablet chlorinator, 450 gallon chlorine contact tank, and an outfall (001).

All applicable Department Standard Operating Procedures (SOPs) were followed during the review of this renewal application, unless otherwise stated.

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>Chad A. Fabian</i> Chad A. Fabian / Project Manager | June 9, 2023 |
| X | | <i>Nicholas W. Hartranft, P.E.</i> Nicholas W. Hartranft, P.E. / Environmental Engineer Manager | June 12, 2023 |

| Discharge, Receiving Waters and Water Supply Information | | | |
|--|---|------------------------------|--|
| Outfall No. | <u>001</u> | Design Flow (MGD) | <u>.0004</u> |
| Latitude | <u>40° 53' 31.02"</u> | Longitude | <u>-76° 49' 19.18"</u> |
| Quad Name | <u></u> | Quad Code | <u></u> |
| Wastewater Description: <u>Sewage Effluent</u> | | | |
| Receiving Waters | <u>West Branch Susquehanna River</u> | Stream Code | <u>18668</u> |
| NHD Com ID | <u>66921307</u> | RMI | <u>1.6</u> |
| Drainage Area | <u>6977</u> | Yield (cfs/mi ²) | <u>n/a</u> |
| Q ₇₋₁₀ Flow (cfs) | <u>926</u> | Q ₇₋₁₀ Basis | <u>Previous permit via stream gage</u> |
| Elevation (ft) | <u>430</u> | Slope (ft/ft) | <u>n/a</u> |
| Watershed No. | <u>10D</u> | Chapter 93 Class. | <u>Warm Water Fishes, Migratory Fishes</u> |
| Existing Use | <u>WWF, MF</u> | Existing Use Qualifier | <u>n/a</u> |
| Exceptions to Use | <u>None</u> | Exceptions to Criteria | <u>n/a</u> |
| Assessment Status | <u>Impaired</u> | | |
| Cause(s) of Impairment | <u>PCB</u> | | |
| Source(s) of Impairment | <u>Source Unknown</u> | | |
| TMDL Status | <u>Final</u> | Name | <u>West Branch Susquehanna</u> |
| Nearest Downstream Public Water Supply Intake | <u>Sunbury Municipal Authority, approximately 3 miles downstream on the West Branch of Susuquehanna River</u> | | |

Changes Since Last Permit Issuance: None

| Compliance History | |
|--------------------------------|--|
| Summary of DMRs: | The facility has been submitting an Annual Maintenance Report (AMR) as required. All values appear to be within acceptable levels. |
| Summary of Inspections: | The Department most recently inspected the facility on 6/2/2023. No violations were found during the inspection. |

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 |
| pH (S.U.) | XXX | XXX | 6.0 Daily Min | XXX | 9.0 Daily Max | XXX | 1/year | Grab |
| TRC | XXX | XXX | XXX | Report Daily Max | XXX | XXX | 1/quarter | Grab |
| BOD5 | XXX | XXX | XXX | 10.0 | XXX | 20 | 1/year | Grab |
| TSS | XXX | XXX | XXX | 10.0 | XXX | 20 | 1/year | Grab |
| Fecal Coliform (No./100 ml) | XXX | XXX | XXX | 200 | XXX | 1000 | 1/year | Grab |

Compliance Sampling Location: 001

Other Comments:

All of the above limitations and monitoring frequencies are the same as the existing permit. The facility has a clean compliance history. It is recommended the same limitations and monitoring frequencies be maintained in the draft permit.

It is recommended a draft permit be issued as described above.