

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0065528
APS ID 943305
Authorization ID 1457131

Applicant, Facility and Project Information

| | |
|---|--|
| Applicant Name <u>Sara N. Kimble</u> | Facility Name <u>3033 Teakwood Drive SRSTP</u> |
| Applicant Address <u>3033 Teakwood Drive</u> <u>Coopersburg, PA 18036-1254</u> | Facility Address <u>3033 Teakwood Drive</u> <u>Coopersburg, PA 18036-1254</u> |
| Applicant Contact <u>Sara N. Kimble, Owner</u> | Facility Contact <u>Sara N. Kimble, Owner</u> |
| Applicant Phone <u>(610) 216-0933</u> | Facility Phone <u>(610) 216-0933</u> |
| Client ID <u>336234</u> | Site ID <u>778826</u> |
| SIC Code <u>8811</u> | Municipality <u>Upper Saucon Township</u> |
| SIC Description <u>Services - Private Households</u> | County <u>Lehigh</u> |
| Date Application Received <u>September 8, 2023</u> | WQM Required <u>-</u> |
| Date Application Accepted <u>April 8, 2024</u> | WQM App. No. <u>-</u> |
| Project Description <u>Renewal of existing NPDES Permit for discharge of treated sewage from a SRSTP.</u> | |

Summary of Review

The applicant is requesting the renewal of an NPDES permit for a single residence sewage treatment plant (SRSTP) to discharge up to 0.000450 MGD of treated sewage into an Unnamed Tributary to Tumble Creek, a Cold Water Fishes, Migratory Fish (CWF, MF) receiving stream in State Water Plan Basin 2-C (Lower Lehigh River). As per the Department's current existing use list, the receiving stream does not have an existing use classification that is more protective than its designated use. This stream segment is not designated as a naturally reproducing trout stream as per PA Fish & Boat Commission. This discharge is not expected to affect public water supplies.

The BOD5 monitoring/reporting has been changed to CBOD5 monitoring/reporting to be consistent the updated Standard Operating Procedures for the Department.

The Flow, pH, TSS, and Fecal Coliform monitoring/reporting limitations have been carried over from the previous permit.

The note under the Part A effluent limitation table requiring at least one sample for Fecal Coliform to be taken between June 1 and August 31 each year has also been carried over.

Total Residual Chlorine limitations are not included because the facility utilizes UV Disinfection. The standard UV Disinfection cleaning requirement has been to Part C of the permit.

The Annual Maintenance Report (AMR) that's to be issued with the final permit shall be used to record the monitoring results. Per the Annual Maintenance Report (AMR) condition, the permittee must submit the AMR by June 30th of each year.

The existing permit expired on January 31, 2019. The renewal application was not received until September 8, 2023.

A Water Management System Inspection query indicated that on December 13, 2021 a Compliance Evaluation was performed.

| Approve | Deny | Signatures | Date |
|---------|------|--|----------------|
| X | | /s/ Allison S. Zukosky / Project Manager | August 6, 2024 |
| X | | /s/ Amy M. Bellanca, P.E. / Acting Engineer Manager | 8-13-24 |

Summary of Review

There is currently one open violation for this facility that may need to be resolved before issuance of the final permit:

1. 12/13/2021 - Violation ID 938957 – Violation Code 92A.75(A) – NPDES - Failure to submit NPDES renewal application at least 180 days prior to expiration or later approved date.

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.

Discharge and Stream Data – 2 - Receiving Waters and PWS

| Discharge, Receiving Waters and Water Supply Information | | | |
|--|---|------------------------------|-----------------|
| Outfall No. | 001 | Design Flow (MGD) | .0005 |
| Latitude | 40° 31' 35.29" | Longitude | -75° 22' 14.15" |
| Quad Name | | Quad Code | |
| Wastewater Description: | | Sewage Effluent | |
| Receiving Waters | Unnamed Tributary to Tumble Brook (CWF, MF) | | Stream Code |
| NHD Com ID | 26296749 | RMI | 1.1500 |
| Drainage Area | | Yield (cfs/mi ²) | |
| Q ₇₋₁₀ Flow (cfs) | | Q ₇₋₁₀ Basis | |
| Elevation (ft) | | Slope (ft/ft) | |
| Watershed No. | 2-C | Chapter 93 Class. | CWF, MF |
| Existing Use | | Existing Use Qualifier | |
| Exceptions to Use | | Exceptions to Criteria | |
| Assessment Status | Attaining Use(s) | | |
| 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 | | | |
| PWS Waters | | Flow at Intake (cfs) | |
| PWS RMI | | Distance from Outfall (mi) | |

Changes Since Last Permit Issuance:

Other Comments: