

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0289621  
APS ID 1151566  
Authorization ID 1551054

**Applicant, Facility and Project Information**

|                           |   |                  |  |
|---------------------------|---|------------------|--|
| Applicant Name            | <u>Keith &amp; Vicky Fox</u>  | Facility Name    | <u>Keith &amp; Vicky Fox SRSTP</u>                         |
| Applicant Address         | <u>42452 State Route 27</u><br><u>Titusville, PA 16354</u>                            | Facility Address | <u>42452 State Route 27</u><br><u>Titusville, PA 16354</u> |
| Applicant Contact         | <u>Keith Fox</u>  | Facility Contact | <u></u>  |
| Applicant Phone           | <u>(814) 775-0190</u>   | Facility Phone   | <u></u>  |
| Applicant Email           | <u>keithfox124@gmail.com</u>  |                  | <u></u>  |
| Client ID                 | <u>363774</u>   | Site ID          | <u>848016</u>  |
| SIC Code                  | <u>8800</u>   | Municipality     | <u>Oil Creek Township</u>                                  |
| SIC Description           | <u>Private Households</u>   | County           | <u>Crawford</u>  |
| Date Application Received | <u>December 3, 2025</u>   | WQM Required     | <u>No</u>  |
| Date Application Accepted | <u>December 26, 2025</u>  | WQM App. No.     | <u>---</u>   |
| Project Description       | <u>NPDES Permit Renewal Application for a Single Residence Sewage Treatment Plant</u> |                  |  |

**Summary of Review**

This is a NPDES Permit renewal application for an SRSTP consists of (WQM Permit No. 2021411): A 1,000-gallon dual chambered concrete septic tank followed by a Premier Tech EC7-500-P-G Coco Filter unit, and an ultraviolet disinfection unit.

This SRSTP was designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General Permit due to the use of the Premier Tech EC7 Coco filter unit.

There are no AMRs available on file.

Act 14 – Proof of Notification was submitted and received.

SPECIAL CONDITIONS: NONE

The EPA waiver is in effect.

There are NO open violations in WMS for the subject Client ID (363774) as of December 26, 2025.

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       |      | Aeshah Shameseldin<br>Aeshah Shameseldin / Project Manager              | December 26, 2025 |
| X       |      | Adam Olesnanik<br>Adam Olesnanik, P.E. / Environmental Engineer Manager | January 29, 2026  |

| Discharge, Receiving Waters and Water Supply Information |   |                              |                        |
|--|---|------------------------------|------------------------|
| Outfall No.  | <u>001</u>                                  | Design Flow (MGD)            | <u>.0004</u>           |
| Latitude   | <u>41° 37' 40.50"</u>                       | Longitude                    | <u>-79° 42' 15.40"</u> |
| Quad Name  | <u>Titusville North</u>                     | Quad Code                    | <u>41079F6</u>         |
| Wastewater Description: <u>Sewage Effluent</u>           |   |                              |                        |
| Receiving Waters   | <u>Unnamed Tributary to Oil Creek (CWF)</u> | Stream Code                  | <u>54128</u>           |
| NHD Com ID   | <u>100473067</u>                            | RMI                          | <u>20.58</u>           |
| Drainage Area  | <u>---</u>                                  | Yield (cfs/mi <sup>2</sup> ) | <u>---</u>             |
| Q <sub>7-10</sub> Flow (cfs)                             | <u>0</u>                                    | Q <sub>7-10</sub> Basis      | <u>Dry Ditch</u>       |
| Elevation (ft)   | <u>1251</u>                                 | Slope (ft/ft)                | <u>---</u>             |
| Watershed No.  | <u>16-E</u>                                 | Chapter 93 Class.            | <u>CWF</u>             |
| Existing Use   | <u>---</u>                                  | Existing Use Qualifier       | <u>---</u>             |
| Exceptions to Use  | <u>---</u>                                  | Exceptions to Criteria       | <u>---</u>             |
| Assessment Status  | <u>Attaining Use(s)</u>                     |                              |                        |
| Cause(s) of Impairment                                   | <u>---</u>                                  |                              |                        |
| Source(s) of Impairment                                  | <u>---</u>                                  |                              |                        |
| TMDL Status  | <u>---</u>                                  | Name                         | <u>---</u>             |
| Background/Ambient Data                                  |   | Data Source                  |                        |
| pH (SU)  | <u>7.0</u>                                  | <u>Default</u>               |                        |
| Temperature (°F)   | <u>68</u>                                   | <u>Default</u>               |                        |
| Hardness (mg/L)  | <u>100</u>                                  | <u>Default</u>               |                        |
| Other:   | <u>---</u>                                  | <u>---</u>                   |                        |
| Nearest Downstream Public Water Supply Intake            | <u>Aqua Pennsylvania, Inc. - Emlenton</u>   |                              |                        |
| PWS Waters   | <u>Allegheny River</u>                      | Flow at Intake (cfs)         | <u>---</u>             |
| PWS RMI  | <u>90.0</u>                                 | Distance from Outfall (mi)   | <u>---</u>             |

Changes Since Last Permit Issuance: N/A

Other Comments: In accordance with the SOP, no water quality modeling was performed since this is an SRSTP.

**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.

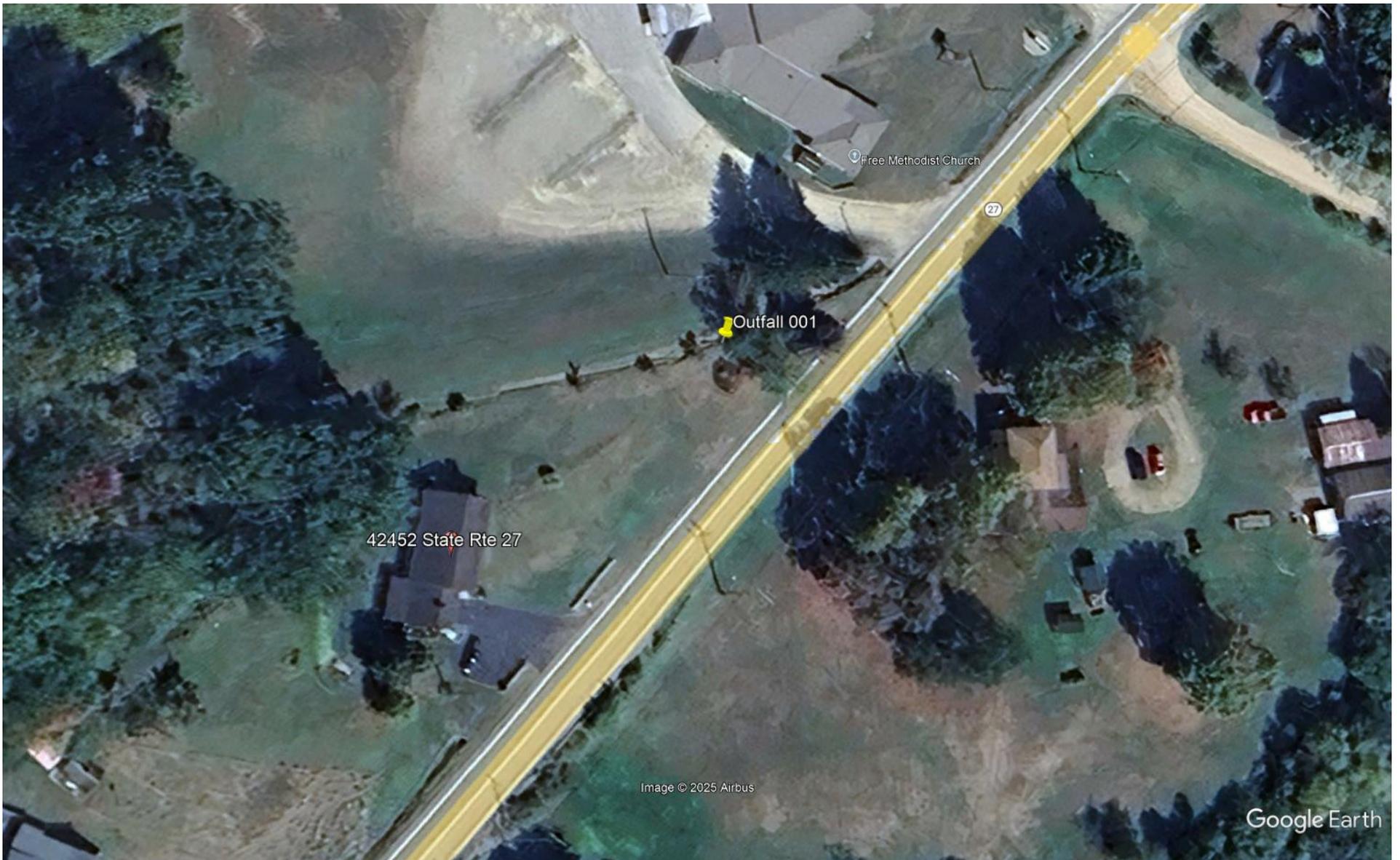
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

| Parameter                   | Effluent Limitations                |                |                       |                |         |                  | Monitoring Requirements                      |                      |
|-----------------------------|-------------------------------------|----------------|-----------------------|----------------|---------|------------------|--|----------------------|
|                             | Mass Units (lbs/day) <sup>(1)</sup> |                | Concentrations (mg/L) |                |         |                  | Minimum <sup>(2)</sup> 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<br>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     | XXX              | 1/year                                       | Grab                 |

**Compliance Sampling Location:** Outfall 001, after disinfection.

**Other Comments:** Flow is monitor only based on Chapter 92a.61. The limits for BOD5, Total Suspended Solids are BPJ-based on the Department’s “Small Flow Treatment Facilities Manual.” Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7.

Outfall Location – Google Earth with Aerial Imagery



Outfall Location & Receiving Stream – eMap with Aerial Imagery

The screenshot displays the Pennsylvania eMapPA web application interface. At the top, the Pennsylvania Department of Environmental Protection logo is on the left, and navigation links for PA State Agencies, Online Services, and state officials are on the right. The main map area shows aerial imagery with a stream highlighted in light blue. A popup window titled "Designated Use Streams (1 of 3)" is open over the stream, displaying the following metadata:

- Designated Use Gen ID: 19676
- GNIS Name: Oil Creek
- GNIS ID: 01199246
- ReachCode: 05010003000114
- COMID: 134288932
- Length Miles: 0.238
- Map Symbology: CWF
- Length Miles: 0.238
- Designated Use: 1
- DES Use ID: 1
- Use Description: CWF(COLD WATER FISHES)
- Migratory\_Fish: N
- HUC: 05010003
- Basin: N
- Basin Narrative: Null
- Segment Narrative: Null
- Evaluation Date: Null
- Last Fdit Date: 1/3/2007 9:25:21 AM
- Zoom to

The map interface includes a legend on the left with categories for "Regulated Facilities and Related Information", "Streams and Water Resources", and "Boundaries". The legend for "Streams and Water Resources" lists various water quality categories such as "Cold Water Fish", "Exceptional Value", "High Quality", "Trout Stocking", and "Warm Water Fish". The map also features a "Locate Latitude and Longitude" tool on the right and a scale bar at the bottom of the map area.

Drainage Area Location – StreamStats with Aerial Imagery

### StreamStats Report

Region ID:

PA

Clicked Point (Latitude, Longitude):

41.62792, -79.70426

Time:

2025-12-26 12:50:02 -0500



+ Collapse All

#### > Basin Characteristics

| Parameter Code | Parameter Description                   | Value | Unit         |
|----------------|---|-------|--------------|
| DRNAREA        | Area that drains to a point on a stream | 0     | square miles |