

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0239798  
APS ID 1128800  
Authorization ID 1512201

**Applicant, Facility and Project Information**

|                           |   |                  |                            |
|---------------------------|---|------------------|----------------------------|
| Applicant Name            | <u>Jason S Black</u>  | Facility Name    | <u>Jason S Black SRSTP</u> |
| Applicant Address         | <u>9915 Jones Road</u>  | Facility Address | <u>9915 Jones Road</u>     |
| Applicant Contact         | <u>Erie, PA 16510-5403</u>  | Facility Contact |                            |
| Applicant Phone           | <u>(814) 323-9339</u>   | Facility Phone   |                            |
| Client ID                 | <u>331041</u>   | Site ID          | <u>661865</u>              |
| SIC Code                  | <u>8800</u>   | Municipality     | <u>Greene Township</u>     |
| SIC Description           | <u>Private Households</u>   | County           | <u>Erie</u>                |
| Date Application Received | <u>January 13, 2025</u>   | WQM Required     | <u>Yes</u>                 |
| Date Application Accepted |   | WQM App. No.     |                            |
| Project Description       | <u>Renewal for a Single Resident Sewage Treatment Plant (SRSTP)</u> |                  |                            |

**Summary of Review**

This is an existing discharge.

Act 14 notifications were submitted and received.

AMRs have been submitted.

The treatment facility consists of (WQM Permit No. 2506404): A 1,000-gallon and a 500-gallon septic tank in series- a Zabel A300 effluent filter, an Ecoflo STB 650 peat filter and a 6-GPM ultraviolet light disinfection unit.

There are no open violations in WMS for the subject Client ID (331041) as of February 11, 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       |      | Carlee Wilson<br>Carlee Wilson / Environmental Engineer Trainee   | February 11, 2025 |
| X       |      | Adam Olesnanik<br>Adam Olesnanik / Environmental Engineer Manager | February 18, 2025 |

Discharge and Stream Data – 2 - Receiving Waters and PWS

| Discharge, Receiving Waters and Water Supply Information |                         |                              |                    |
|--|-------------------------|------------------------------|--------------------|
| Outfall No.  | 001                     | Design Flow (MGD)            | .0004              |
| Latitude   | 42° 5' 23.65"           | Longitude                    | -79° 54' 43.89"    |
| Quad Name  | Hammett                 | Quad Code                    | 00043              |
| Wastewater Description:                                  | Sewage Effluent         |                              |                    |
| Receiving Waters   | Sixmile Creek (CWF, MF) | Stream Code                  | 62343              |
| NHD Com ID   | 123923415               | RMI                          |                    |
| Drainage Area  | 1.8                     | Yield (cfs/mi <sup>2</sup> ) |                    |
| Q <sub>7-10</sub> Flow (cfs)                             | 0.0776                  | Q <sub>7-10</sub> Basis      | USGS - StreamStats |
| Elevation (ft)   | 1356                    | Slope (ft/ft)                |                    |
| Watershed No.  | 15-A                    | 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)   |                    |

Other Comments:

This SRSTP does not qualify for the PAG-04 General Permit due to the use of a Zabel A300 effluent filter and an Ecoflo STB 650 peat filter.

**Proposed Effluent Limitations and Monitoring Requirements**

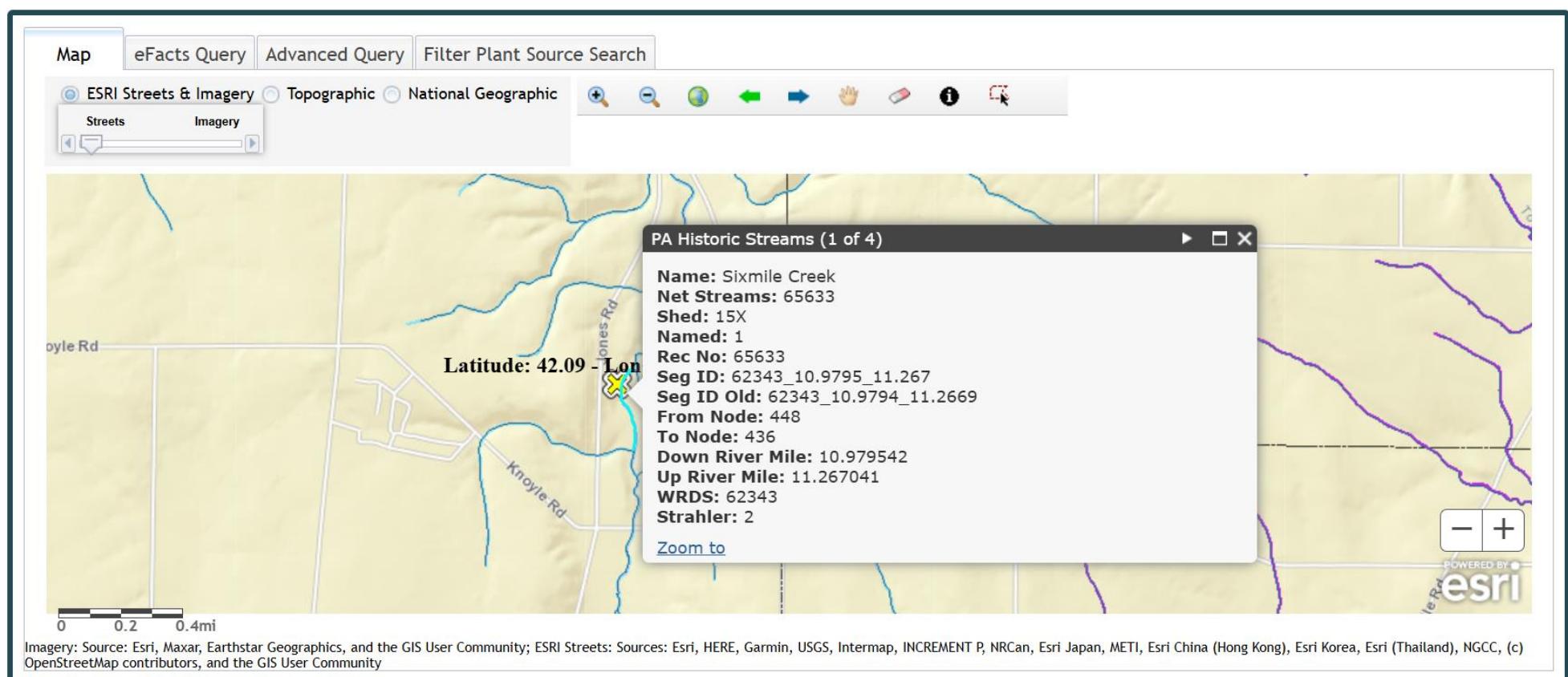
The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). 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><br>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               | 1/year  | Grab                 |
| TSS                         | XXX                                 | XXX            | XXX                   | 10.0           | 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

Attachment 1  
eMapPA – Receiving Stream Location and Data



Attachment 2  
Google Earth – Aerial Site View

