

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

## NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0272868  
APS ID 1128852  
Authorization ID 1512277

### Applicant, Facility and Project Information

|  |   |
|--|---|
| Applicant Name <u>Nicole Neidrick</u>  | Facility Name <u>Nicole Neidrick SRSTP</u>                                  |
| Applicant Address <u>625 Dutch Hill Road</u><br><u>Warren, PA 16365-5213</u>                         | Facility Address <u>625 Dutch Hill Road</u><br><u>Warren, PA 16365-5213</u> |
| Applicant Contact <u>Nicole Neidrick</u>   | Facility Contact _____  |
| Applicant Phone <u>(724) 841-8240</u>  | Facility Phone _____  |
| Client ID <u>313268</u>  | Site ID <u>783913</u>   |
| SIC Code <u>8800</u>   | Municipality <u>Conewango Township</u>                                      |
| SIC Description <u>Private Households</u>  | County <u>Warren</u>  |
| Date Application Received <u>January 13, 2025</u>  | WQM Required <u>Permit Received</u>   |
| Date Application Accepted _____  | WQM App. No. _____  |
| Project Description <u>Renewal application for a Single Residence Sewage Treatment Plant (SRSTP)</u> |   |

### Summary of Review

This is an existing discharge which currently serves an existing home.

Act 14 notifications were submitted and received.

Treatment at the existing facility consists of (WQM Permit No. 6214401): An Ecoflo EC7 model with 2 solid tanks, 1 organic fiber filtering tank, and an UV light disinfection unit.

There are no open violations in WMS for the subject Client ID (313268) as of January 29, 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         | January 30, 2025  |
| X       |      | Adam Olesnanik<br>Adam Olesnanik, P.E. / 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   | 41° 53' 29.57"                            | Longitude                    | -79° 11' 20.31"    |
| Quad Name  | Russell                                   | Quad Code                    | 0312               |
| Wastewater Description: Sewage Effluent                  |   |                              |                    |
| Receiving Waters   | Unnamed Tributary to Jackson Run (CWF)    | Stream Code                  | 56135              |
| NHD Com ID   | 129446779                                 | RMI                          | 0.0000             |
| Drainage Area  | 0.69                                      | Yield (cfs/mi <sup>2</sup> ) |                    |
| Q <sub>7-10</sub> Flow (cfs)                             | 0.0342                                    | Q <sub>7-10</sub> Basis      | USGS - StreamStats |
| Elevation (ft)   | 1752                                      | Slope (ft/ft)                | --                 |
| Watershed No.  | 16-B                                      | Chapter 93 Class.            | CWF                |
| Existing Use   |   | Existing Use Qualifier       |                    |
| Exceptions to Use  |   | Exceptions to Criteria       |                    |
| Assessment Status  | N/A                                       |                              |                    |
| 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            | Kittanning Suburban Joint Water Authority |                              |                    |
| PWS Waters   | Allegheny River                           | Flow at Intake (cfs)         | 987                |
| PWS RMI  | 45.6                                      | Distance from Outfall (mi)   | 157.3              |

Changes Since Last Permit Issuance: No changes since last permit issuance.

Other Comments:

The facility discharges into an unnamed tributary (561356) to Jackson Run which ultimately discharges into the Allegheny River.

The facility is not eligible for coverage under the PAG-04 General Permit due to the use of an Ecoflo EC7 Model.

**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.

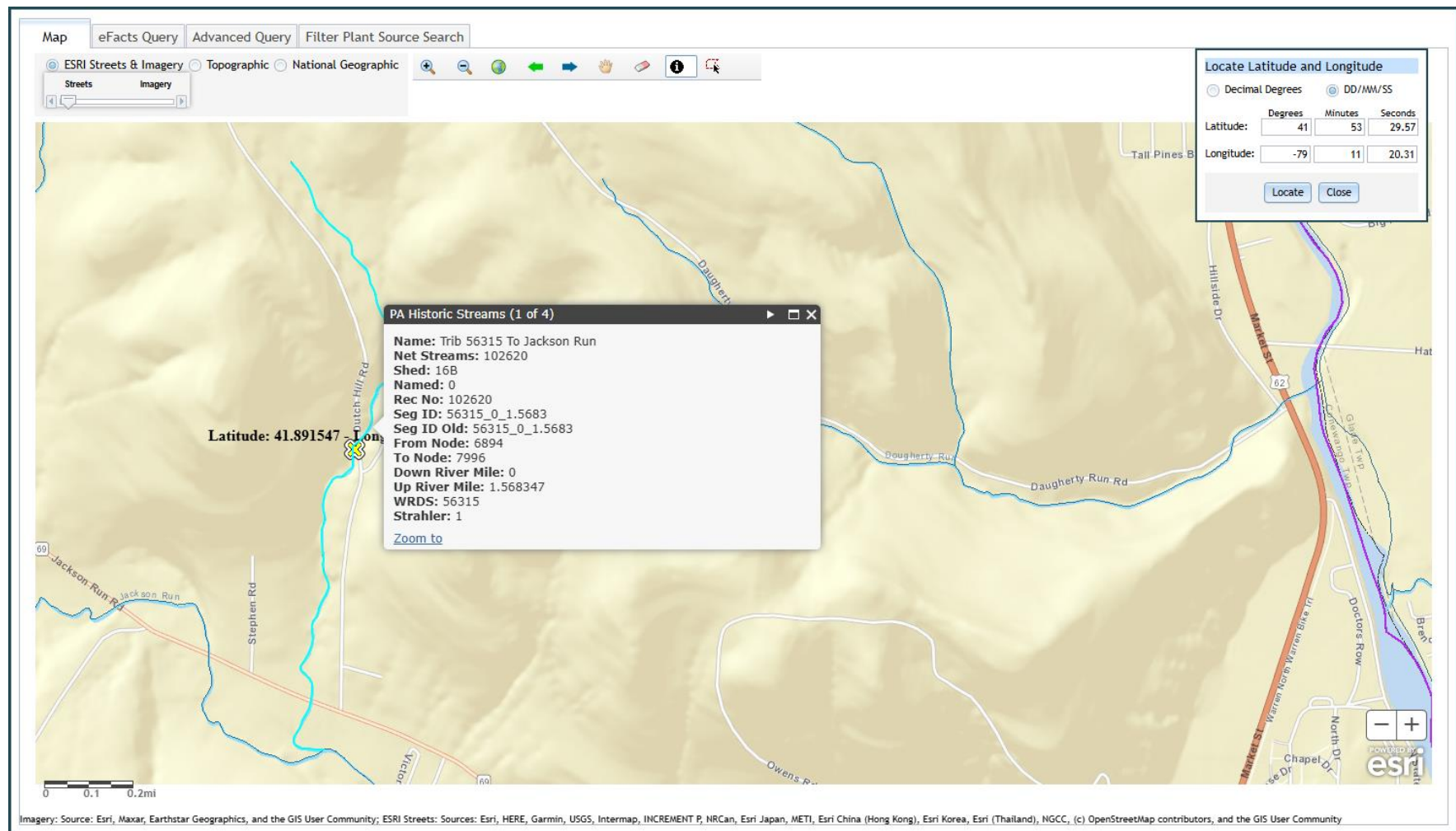
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

| Parameter                   | Effluent Limitations                |                   |                       |                   |         |                     | Monitoring Requirements                            |                            |
|-----------------------------|-------------------------------------|-------------------|-----------------------|-------------------|---------|---------------------|--|----------------------------|
|                             | Mass Units (lbs/day) <sup>(1)</sup> |                   | Concentrations (mg/L) |                   |         |                     | Minimum <sup>(2)</sup><br>Measurement<br>Frequency | Required<br>Sample<br>Type |
|                             | Average<br>Monthly                  | Average<br>Weekly | Minimum               | Annual<br>Average | Maximum | Instant.<br>Maximum |  |                            |
| Flow (MGD)                  | Report<br>Annl Avg                  | XXX               | XXX                   | XXX               | XXX     | XXX                 | 1/year   | Estimate                   |
| pH (S.U.)                   | XXX                                 | XXX               | 6.0<br>Inst Min       | XXX               | XXX     | 9.0                 | 1/year   | 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, and Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on chapter 93.7.

Attachment 1  
eMap – Location and Receiving Stream Data



Attachment 2  
Google Earth- Aerial Site Imagery

