

Application Type New  
Wastewater Type Sewage  
Facility Type SFTF

## NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0296163  
APS ID 1138732  
Authorization ID 1529617

### Applicant, Facility and Project Information

|  |  |
|--|--|
| Applicant Name <u>Allen Weaver</u>   | Facility Name <u>Hickory Nut SFTF</u>  |
| Applicant Address <u>121 Old Route 62</u><br><u>East Hickory, PA 16321-1010</u>                          | Facility Address <u>121 Old Route 62</u><br><u>East Hickory, PA 16321-1010</u> |
| Applicant Contact <u>Allen Weaver</u>  | Facility Contact <u>Allen Weaver</u>   |
| Applicant Phone <u>(814) 463-3710</u>  | Facility Phone <u>(814) 463-3710</u>   |
| Client ID <u>393212</u>  | Site ID <u>875468</u>  |
| SIC Code <u>8800</u>   | Municipality <u>Hickory Township</u>   |
| SIC Description <u>Private Households</u>  | County <u>Forest</u>   |
| Date Application Received <u>June 5, 2025</u>  | WQM Required <u>Yes</u>  |
| Date Application Accepted _____  | WQM App. No. <u>2725402</u>  |
| Project Description <u>Small Flow Treatment Facility (SFTF) for an existing restaurant and apartment</u> |  |

### Summary of Review

The permittee is applying for an Individual NPDES Permit. The discharge will serve an existing restaurant and residential apartment, which will discharge into a roadside ditch along the east side of Old Route 62 into Prather Run (HQ-CWF).

The proposed facility will consist of (WQM Permit No. 2725402): Two Ecoflo Coco Filter Model 860-C-P units with external UV disinfection, a 1,000-gallon septic tank with a flood tight lid, and a 1,250-gallon septic tank with a flood tight lid.

A second outfall (Outfall 002) was described in the application; however, this point is only where the discharge reaches the perennial stream, not an additional outfall.

Act 14 notifications were submitted and received.

The Act 537 planning approval letter was issued on February 6, 2025.

There are no open violations in WMS for the subject Client ID (393212) as of June 11, 2025.

| Approve | Deny | Signatures  | Date          |
|---------|------|---|---------------|
| X       |      | Carlee Wilson<br>Carlee Wilson / Environmental Engineering Trainee      | June 11, 2025 |
| X       |      | Adam Olesnanik<br>Adam Olesnanik, P.E. / Environmental Engineer Manager | June 13, 2025 |

Discharge and Stream Data – 2 - Receiving Waters and PWS

| Discharge, Receiving Waters and Water Supply Information |                                   |                              |                    |
|--|-----------------------------------|------------------------------|--------------------|
| Outfall No.  | 001                               | Design Flow (MGD)            | .0015              |
| Latitude   | 41° 34' 57.26"                    | Longitude                    | -79° 24' 7.85"     |
| Quad Name  | -                                 | Quad Code                    | -                  |
| Wastewater Description: Sewage Effluent                  |                                   |                              |                    |
| Receiving Waters   | Prather Run (HQ-CWF)              | Stream Code                  | 55630              |
| NHD Com ID   | 100473345                         | RMI                          | 0.2000             |
| Drainage Area  | 0.22                              | Yield (cfs/mi <sup>2</sup> ) | 0.029              |
| Q <sub>7-10</sub> Flow (cfs)                             | 0.00633                           | Q <sub>7-10</sub> Basis      | USGS - StreamStats |
| Elevation (ft)   | -                                 | Slope (ft/ft)                | -                  |
| Watershed No.  | 16-F                              | Chapter 93 Class.            | HQ-CWF             |
| 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            | Aqua Pennsylvania, Inc - Emlenton |                              |                    |
| PWS Waters   | Allegheny River                   | Flow at Intake (cfs)         | 1,376              |
| PWS RMI  | 90.0                              | Distance from Outfall (mi)   | 70.35              |

Changes Since Last Permit Issuance: N/A

Other Comments:

This SFTF was designed where applicable in accordance with the SFTF Manual, but it does not qualify for coverage under the PAG-04 General Permit due to the use of Ecoflo Coco Filter Model 860-C-P units and the High Quality (HQ) stream designation.

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.

**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.

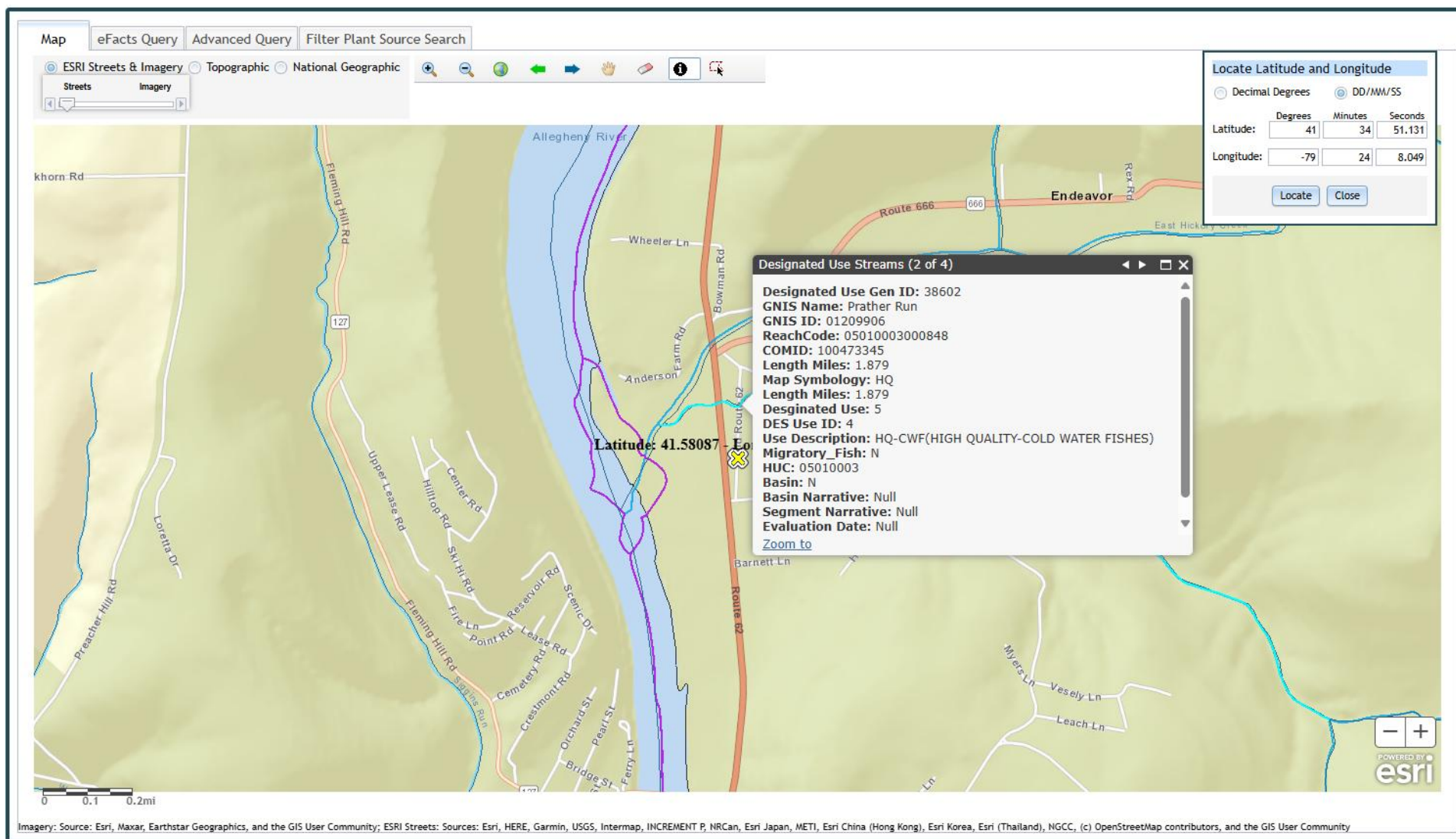
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

| 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               | Average<br>Monthly | Maximum | Instant.<br>Maximum |  |                            |
| Flow (MGD)                  | Report                              | XXX               | XXX                   | XXX                | XXX     | XXX                 | 1/month  | Measured                   |
| pH (S.U.)                   | XXX                                 | XXX               | 6.0<br>Inst Min       | XXX                | XXX     | 9.0                 | 1/month  | Grab                       |
| CBOD5                       | XXX                                 | XXX               | XXX                   | 10.0               | XXX     | 20.0                | 1/month  | Grab                       |
| TSS                         | XXX                                 | XXX               | XXX                   | 10.0               | XXX     | 20.0                | 1/month  | Grab                       |
| Fecal Coliform (No./100 ml) | XXX                                 | XXX               | XXX                   | 200<br>Geo Mean    | XXX     | XXX                 | 1/month  | Grab                       |

Compliance Sampling Location: Outfall 001 – after disinfection

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for CBOD5 and Total Suspended Solids are BPJ-based on the Department’s “Small Flow Treatment Facilities Manual.” Fecal Coliform are technology-based on Chapter 92a.47. In compliance with the 2015 Holden Directive, pH monitoring is established as 1/month due to special protection watershed designation (High Quality-HQ).

**Attachment 1**  
**eMapPA – Receiving Stream Location and Data**



**Attachment 2**  
**StreamStats – Outfall 001 Drainage Area Details**

➤ Low-Flow Statistics

Low-Flow Statistics Parameters [Low Flow Region 3]

| Parameter Code | Parameter Name            | Value | Units        | Min Limit | Max Limit |
|----------------|---------------------------|-------|--------------|-----------|-----------|
| DRNAREA        | Drainage Area             | 0.22  | square miles | 2.33      | 1720      |
| ELEV           | Mean Basin Elevation      | 1233  | feet         | 898       | 2700      |
| PRECIP         | Mean Annual Precipitation | 43    | inches       | 38.7      | 47.9      |

Low-Flow Statistics Disclaimers [Low Flow Region 3]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors.

Low-Flow Statistics Flow Report [Low Flow Region 3]

| Statistic               | Value   | Unit               |
|-------------------------|---------|--------------------|
| 7 Day 2 Year Low Flow   | 0.0179  | ft <sup>3</sup> /s |
| 30 Day 2 Year Low Flow  | 0.0279  | ft <sup>3</sup> /s |
| 7 Day 10 Year Low Flow  | 0.00633 | ft <sup>3</sup> /s |
| 30 Day 10 Year Low Flow | 0.00995 | ft <sup>3</sup> /s |
| 90 Day 10 Year Low Flow | 0.0153  | ft <sup>3</sup> /s |

*Low-Flow Statistics Citations*

Stuckey, M.H., 2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p.



**Attachment 3**  
**Google Earth – Aerial Sire View**

