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|------------------|----------------|
| Application Type | <u>Renewal</u> |
| Wastewater Type | <u>Sewage</u> |
| Facility Type | <u>SRSTP</u> |

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

| | |
|------------------|------------------|
| Application No. | PA0288187 |
| APS ID | 1138912 |
| Authorization ID | 1529897 |

Applicant, Facility and Project Information

| | | | |
|---------------------------|---|------------------|------------------------------------|
| Applicant Name | <u>David Curtis</u> | Facility Name | <u>David Curtis SRSTP</u> |
| Applicant Address | <u>15 Cliff Street</u> | Facility Address | <u>10321 State Road</u> |
| | <u>Albion, PA 16401</u> | | <u>Cranesville, PA 16410</u> |
| Applicant Contact | <u>David Curtis</u> | Facility Contact | |
| Applicant Phone | <u>(814) 756-0709</u> | Facility Phone | |
| Client ID | <u>355320</u> | Site ID | <u>839385</u> |
| SIC Code | <u>8800</u> | Municipality | <u>Elk Creek Township</u> |
| SIC Description | <u>Private Households</u> | County | <u>Erie</u> |
| Date Application Received | <u>June 9, 2025</u> | WQM Required | <u>Previously issued - 2520405</u> |
| Date Application Accepted | <u>June 12, 2025</u> | WQM App. No. | |
| Project Description | <u>Renewal for a Single residence sewage treatment plant.</u> | | |

Summary of Review

The permittee is applying for reissuance of Individual Permit **PA0288187** that would expire on May 31, 2025. This is a discharge into stream channel - Little Elk Creek. The average daily flow is projected to be 400 GPD.

Act 14 notifications were submitted and received.

The existing facility under (WQM Permit No. 2520405) issued on May 14, 2020, consist of: A Norweco Singulair 960-500 GDP tank and equipment followed by a Norweco Hydro-Kinetic Bio-Film Reactor, a chlorinator, and a chlorine contact tank.

AMR was received but the facility was not in service.

There are no open violations in WMS for the subject Client ID (355320) as of June 12, 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 | | Adebayo Olude Adebayo Olude / Civil Engineer Trainee | June 12, 2025 |
| x | | Adam Olesnanik 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) | .0004 |
| Latitude | 41° 54' 7.30" | Longitude | -80° 17' 4.66" |
| Quad Name | Albion | Quad Code | 41080H3 |
| Wastewater Description: | Sewage Effluent | | |
| Receiving Waters | Little Elk Creek (CWF, MF) | Stream Code | 62515 |
| NHD Com ID | 123919655 | RMI | 0.7900 |
| Drainage Area | 3.29 | Yield (cfs/mi ²) | 0.0319 |
| Q ₇₋₁₀ Flow (cfs) | 0.105 | Q ₇₋₁₀ Basis | USGS Streams Stats |
| Elevation (ft) | 1100 | 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) | 7 | Default | |
| Temperature (°F) | 20 | Default - CWF | |
| Hardness (mg/L) | 100 | Default | |
| Other: | ----- | ----- | |
| Nearest Downstream Public Water Supply Intake | Erie Water Works | | |
| PWS Waters | Lake Erie | Flow at Intake (cfs) | --- |
| PWS RMI | ----- | Distance from Outfall (mi) | 17.0 |

Changes Since Last Permit Issuance: N/A

Other Comments: This SRSTP was designed where applicable in accordance with the SFTF Manual.

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.

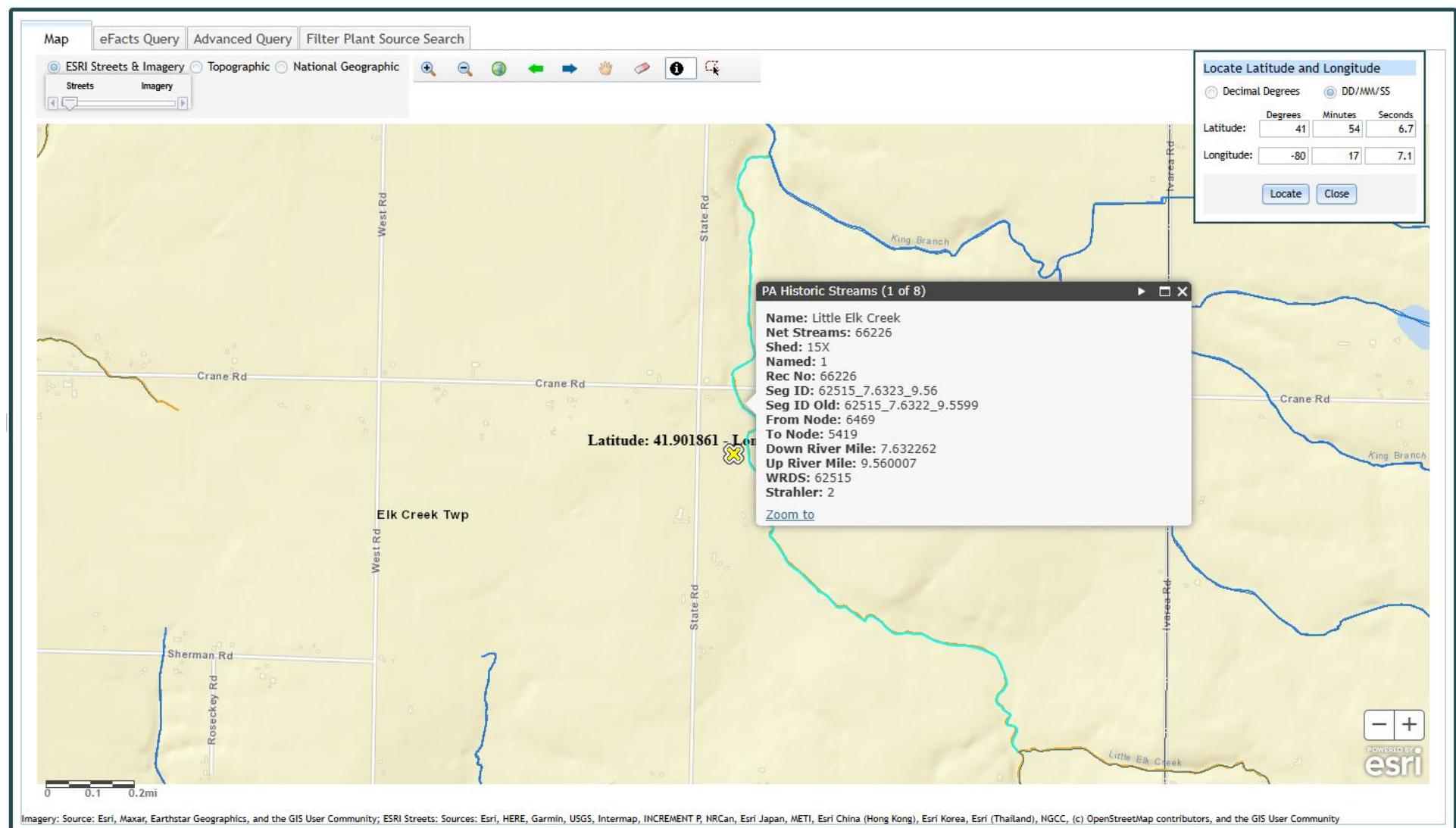
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

| Parameter | Effluent Limitations | | | | | | Monitoring Requirements | |
|-----------------------------|-------------------------------------|----------------|-----------------------|----------------|---------|------------------|---|----------------------|
| | Mass Units (lbs/day) ⁽¹⁾ | | Concentrations (mg/L) | | | | Minimum ⁽²⁾ 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 | XXX | 1/year |
| pH (S.U.) | XXX | XXX | 6.0 Inst Min | XXX | XXX | 9.0 | Upon Request | Grab |
| TRC | XXX | XXX | XXX | Report Avg Mo | XXX | XXX | 1/month | 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 the chlorine disinfection

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for BOD5, Total Suspended Solids, and Fecal Coliforms are technology- based on Chapter 92a.47.

Attachment 1
eMAP– Receiving Streams Information



Attachment 2
Google Earth - Imagery

