



Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. **PA0272035**
APS ID **1118732**
Authorization ID **1506655**

Applicant, Facility and Project Information

| | | | |
|---------------------------|---|------------------|-----------------------------|
| Applicant Name | <u>Ali Al Dhumeen</u> | Facility Name | <u>Ali Al Dhumeen SRSTP</u> |
| Applicant Address | <u>8089 Edinboro Road</u> | Facility Address | <u>8089 Edinboro Road</u> |
| Applicant Contact | <u>Erie, PA 16509-4466</u> | Facility Contact | <u>Erie, PA 16509-4466</u> |
| Applicant Phone | <u>(814) 853-5222</u> | Facility Phone | <u></u> |
| Client ID | <u>353875</u> | Site ID | <u>833107</u> |
| SIC Code | <u>4952,8800</u> | Municipality | <u>Summit Township</u> |
| SIC Description | <u>Private Households, Trans. & Utilities - Sewerage Systems</u> | County | <u>Erie</u> |
| Date Application Received | <u>July 1, 2024</u> | WQM Required | <u>Issued</u> |
| Date Application Accepted | <u>September 4, 2025</u> | WQM App. No. | <u>2519404</u> |
| Project Description | <u>Application submitted for the renewal of an SRSTP application for discharge of treated sewage.</u> | | |

Summary of Review

The facility located at 8089 Edinboro Road is an existing residential dwelling. This application serves as notice to renew the existing system's NPDES permit. The applicant originally submitted an NOI for a conversion to PAG-04 with the renewal, but this has since been denied due to the facility discharging to an HQ stream.

The Department has reviewed the application in order to ensure that the facility does not receive or discharge a flow greater than 2,000 GPD or exceed the specified limits of CBOD5, pH, Total Suspended Solids, and Fecal Coliform prescribed in the permit. As per 25 Pa. Code § 92a.53, all applicable effluent limits and standards are considered in development of the permit. The limits noted in the permit suggest that any applicable water quality standards will not be violated.

The limits discussed in the permit are based off of several factors that were determined by the Standard Operating Procedure for Small Flow Treatment Facilities (SOP No. BCW-PMT-003).

The TSS limits were prescribed based on The Department's Water Quality Antidegradation Implementation Guidance ID No. 391-0300-002

The Fecal Coliform limits listed in the permit were required by the Bureau of Clean Water, as stated in Chapters 92a and 93.

Based on the review outlined in this fact sheet, it is recommended that the NPDES permit be drafted.

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-

| Approve | Deny | Signatures | Date |
|---------|------|---|-------------------|
| X | | Jared Lescavage Jared Lescavage / Project Manager | September 4, 2025 |
| X | | Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager | September 5, 2025 |

Summary of Review

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.

Discharge and Stream Data – 2 - Receiving Waters and PWS

| Discharge, Receiving Waters and Water Supply Information | | | |
|--|--|---|----------------|
| Outfall No. | 001 | Design Flow (MGD) | .0005 |
| Latitude | 42° 1' 51.59" | Longitude | -80° 6' 50.58" |
| Quad Name | | Quad Code | |
| Wastewater Description: | Sewage Effluent | | |
| Receiving Waters | Unnamed Tributary to Walnut Creek (HQ-CWF, MF) | Stream Code | 62446 |
| NHD Com ID | 134205239 | RMI | 0.6600 |
| Drainage Area | .13 | Yield (cfs/mi ²) | |
| Q ₇₋₁₀ Flow (cfs) | 0.00421 | Q ₇₋₁₀ Basis | StreamStats |
| Elevation (ft) | | Slope (ft/ft) | |
| Watershed No. | 15-A | Chapter 93 Class. | HQ-CWF, MF |
| Existing Use | | Existing Use Qualifier | |
| Exceptions to Use | | Exceptions to Criteria | |
| Assessment Status | Impaired | FLOW REGIME MODIFICATION, FLOW REGIME MODIFICATION, HABITAT ALTERATIONS, HABITAT ALTERATIONS, SILTATION | |
| Cause(s) of Impairment | | SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT), SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT), SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT), URBAN RUNOFF/STORM SEWERS, URBAN RUNOFF/STORM SEWERS, URBAN RUNOFF/STORM SEWERS | |
| 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 | | Erie City Water authority | |
| PWS Waters | Lake Erie | Flow at Intake (cfs) | |
| PWS RMI | | Distance from Outfall (mi) | |
| 18 | | | |

Changes Since Last Permit Issuance: None

Other Comments: No downstream water supply impairments are expected.

| Compliance History | |
|--------------------------------|---------------|
| Summary of DMRs: | In compliance |
| Summary of Inspections: | See WMS |

Other Comments: **None**

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 (MGD) | Report Annl Avg | XXX | XXX | XXX | XXX | XXX | XXX | 1/year |
| pH (S.U.) | XXX | XXX | 6.0 Daily Min | XXX | 9.0 Daily Max | XXX | 1/month | 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 | 1000 | 1/year | Grab |

Compliance Sampling Location: Outfall 001

Other Comments: None