

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> <u>Erie, PA 16509-4466</u>	Facility Address	<u>8089 Edinboro Road</u> <u>Erie, PA 16509-4466</u>
Applicant Contact	<u>Ali Al-Dhumeen</u>	Facility Contact	<u></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		<i>Jared Lescavage</i> 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/mi²)	
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		
Cause(s) of Impairment	FLOW REGIME MODIFICATION, FLOW REGIME MODIFICATION, HABITAT ALTERATIONS, HABITAT ALTERATIONS, SILTATION, SILTATION		
Source(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		
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	1/year	Estimate
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