

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

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

Application No. PA0088340
APS ID 316145
Authorization ID 1553034

Applicant, Facility and Project Information

Applicant Name	<u>Larry Acchione</u>	Facility Name	<u>TJs Restaurant</u>
Applicant Address	<u>2620 Susquehanna Trail</u> <u>Newport, PA 17074-8217</u>	Facility Address	<u>2620 Susquehanna Trail</u> <u>Newport, PA 17074-8217</u>
Applicant Contact	<u>Larry Acchione</u>	Facility Contact	<u>Larry Acchione</u>
Applicant Phone	<u>(717) 737-6204</u>	Facility Phone	<u>(717) 737-6204</u>
Client ID	<u>141296</u>	Site ID	<u>528375</u>
SIC Code	<u>6514</u>	Municipality	<u>Buffalo Township</u>
SIC Description	<u>Fin, Ins & Real Est - Dwelling Operators, Except Apartments</u>	County	<u>Perry</u>
Date Application Received	<u>December 22, 2025</u>	WQM Required	<u>Issued</u>
Date Application Accepted	<u>April 7, 2026</u>	WQM App. No.	<u>5000405</u>
Project Description	<u>Renewal of an SFTF for an existing SFTF that treats sewage from a dining establishment.</u>		

Summary of Review

TJ's Restaurant is an existing establishment located in Perry County. The SFTF is purposed to serve employees and customers of the restaurant. The approved flow of the business is .00032 MGD.

The following limits in the tables have been prescribed using TBEL, WQBEL, Anti-degradation, anti-backsliding, and SOP standards for the corresponding type of facility, receiving stream, and history of the facility.

Water Quality Standards:

1. General

There are at least six (6) different policies which determines the effluent performance limits for the NPDES permit. The policies are technology based effluent limits (TBEL), water quality based effluent limits (WQBEL), antidegradation, total maximum daily loading (TMDL), anti-backsliding, and whole effluent toxicity (WET) The effluent performance limitations enforced are the selected permit limits that is most protective to the designated use of the receiving waters. An overview of each of the policies that are applicable to the subject facility has been presented in Section 6.

2. Technology-Based Limitations

TBEL treatment requirements under section 301(b) of the Act represent the minimum level of control that must be imposed in a permit issued under section 402 of the Act (40 CFR 125.3). Available TBEL requirements for the state of Pennsylvania are itemized in PA Code 25, Chapter 92a.47.

Approve	Deny	Signatures	Date
X		<i>Jared Lescavage</i> Jared Lescavage / Project Manager	April 13, 2026
x		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	04/13/2026

Summary of Review

The presiding sources for the basis for the effluent limitations are governed by either federal or state regulation. The reference sources for each of the parameters is itemized in the tables. The following technology-based limitations apply, subject to water quality analysis and best professional judgement (BPJ) where applicable:

Parameter	Limit (mg/l)	SBC	Federal Regulation	State Regulation
CBOD ₅	25	Average Monthly	133.102(a)(4)(i)	92a.47(a)(1)
	40	Average Weekly	133.102(a)(4)(ii)	92a.47(a)(2)
Total Suspended Solids	30	Average Monthly	133.102(b)(1)	92a.47(a)(1)
	45	Average Weekly	133.102(b)(2)	92a.47(a)(2)
pH	6.0 – 9.0 S.U.	Min – Max	133.102(c)	95.2(1)
Fecal Coliform (5/1 – 9/30)	200 / 100 ml	Geo Mean	-	92a.47(a)(4)
Fecal Coliform (5/1 – 9/30)	1,000 / 100 ml	IMAX	-	92a.47(a)(4)
Fecal Coliform (10/1 – 4/30)	2,000 / 100 ml	Geo Mean	-	92a.47(a)(5)
Fecal Coliform (10/1 – 4/30)	10,000 / 100 ml	IMAX	-	92a.47(a)(5)
Total Residual Chlorine	0.5	Average Monthly	-	92a.48(b)(2)

3. Water Quality-Based Limitations

WQBEL are based on the need to attain or maintain the water quality criteria and to assure protection of designated and existing uses (PA Code 25, Chapter 92a.2). The subject facility that is typically enforced is the more stringent limit of either the TBEL or the WQBEL.

Determination of WQBEL is calculated by spreadsheet analysis or by a computer modeling program developed by DEP. DEP permit engineers utilize the following computing programs for WQBEL permit limitations: (1) MS Excel worksheet for Total Residual Chlorine (TRC); (2) WQM 7.0 for Windows Wasteload Allocation Program for Dissolved Oxygen and Ammonia Nitrogen Version 1.0 (WQM Model) and (3) Toxics using DEP Toxics Management Spreadsheet for Toxics pollutants.

4. Water Quality Modeling 7.0

The facility was subject to TRC modeling. The modeling results recommend an average monthly TRC limit of 0.5 mg/l and an instantaneous maximum of 1.6 mg/l.

5. Toxics Modeling

The facility is not subject to toxics modeling.

6. Whole Effluent Toxicity (WET)

The facility is not subject to WET.

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.

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.00032</u>
Latitude	<u>40° 30' 13.21"</u>	Longitude	<u>-76° 58' 38.45"</u>
Quad Name	_____	Quad Code	_____
Wastewater Description: <u>Sewage Effluent</u>		_____	
Receiving Waters	<u>Bucks Run (WWF)</u>	Stream Code	<u>168802620</u>
NHD Com ID	<u>54974453</u>	RMI	_____
Drainage Area	<u>4.3 ft²</u>	Yield (cfs/mi ²)	_____
Q ₇₋₁₀ Flow (cfs)	<u>0.0836</u>	Q ₇₋₁₀ Basis	<u>StreamStats</u>
Elevation (ft)	_____	Slope (ft/ft)	_____
Watershed No.	<u>6-C</u>	Chapter 93 Class.	<u>WWF</u>
Existing Use	_____	Existing Use Qualifier	_____
Exceptions to Use	_____	Exceptions to Criteria	_____
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>FLOW REGIME MODIFICATION, SILTATION</u>		
Source(s) of Impairment	<u>RURAL (RESIDENTIAL AREAS), RURAL (RESIDENTIAL AREAS)</u>		
TMDL Status	_____	Name	_____
Background/Ambient Data		Data Source	
pH (SU)	_____	_____	
Temperature (°F)	_____	_____	
Hardness (mg/L)	_____	_____	
Other:	_____	_____	
Nearest Downstream Public Water Supply Intake	<u>Suez Water</u>		
PWS Waters	<u>Susquehanna River</u>	Flow at Intake (cfs)	_____
PWS RMI	<u>76</u>	Distance from Outfall (mi)	<u>19</u>

Changes Since Last Permit Issuance: None

Other Comments: None

Compliance History	
Summary of DMRs:	Applicant has submitted timely DMR. However, in the recent DMRs, the site has been above the threshold for DO. The future DMRs will be monitored to evaluate any possible changes to the system for a resolution.
Summary of Inspections:	The last inspection at the site was in 2022. A violation was noted for late DMRs during the 2022 calendar year, as well as 6 effluent violations in exceedance of the allowed values in the permit.

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	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	1/week	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/day	Grab
DO	XXX	XXX	5.0 Inst Min	XXX	XXX	XXX	1/day	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.6	1/day	Grab
CBOD5	XXX	XXX	XXX	25	XXX	50	1/month	Grab
TSS	XXX	XXX	XXX	30	XXX	60	1/month	Grab
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	1/month	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/month	Grab

Compliance Sampling Location: Outfall 001

Other Comments: None