

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SFTF

## NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0264008  
APS ID 1133009  
Authorization ID 1519436

### Applicant, Facility and Project Information

Applicant Name <u>Buckleys Inc.</u>	Facility Name <u>Stateline Bar &amp; Grill</u>
Applicant Address <u>9 Cherry Street</u>	Facility Address <u>1185 Vernon Road</u>
<u>Greenville, PA 16125-2389</u>	<u>Greenville, PA 16125-8645</u>
Applicant Contact <u>Donald Buckley</u>	Facility Contact <u>Donald Buckley</u>
Applicant Phone <u>(724) 646-0909</u>	Facility Phone <u>(724) 646-0909</u>
Client ID <u>347214</u>	Site ID <u>271080</u>
SIC Code <u></u>	Municipality <u>West Salem Township</u>
SIC Description <u></u>	County <u>Mercer</u>
Date Application Received <u>March 12, 2025</u>	WQM Required <u>Previously issued - WQG018857</u>
Date Application Accepted <u></u>	WQM App. No. <u></u>
Project Description <u>Renewal application for a Small Flow Treatment Facility</u>	

### Summary of Review

The permittee is applying for reissuance of Individual Permit No. PA0264008 that expired on February 28, 2024. The existing discharge serves a bar/restaurant and discharges into Tributary 63835 to Booth Run (WWF). The annual average design flow is 730 GPD.

The existing facility consists of (WQM Permit No. WQG018857): A septic tank with a sand filter and chlorination disinfection.

Act 14 notifications were submitted and received.

No AMRs were located. To ensure the system is performing and being operated correctly, effluent limits which required testing 1/6 months have been increased to 1/month. This is also in accordance with the SOP.

There are no open violations in WMS for the subject Client ID (347214) as of April 21, 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		Carlee Wilson Carlee Wilson / Environmental Engineering Trainee	April 21, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	April 21, 2025

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.00073
Latitude	41° 23' 32.62"	Longitude	-80° 30' 43.93"
Quad Name	-	Quad Code	-
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to Booth Run (WWF)	Stream Code	63835
NHD Com ID	130030018	RMI	
Drainage Area	1.4	Yield (cfs/mi <sup>2</sup> )	-
Q <sub>7-10</sub> Flow (cfs)	0.0126	Q <sub>7-10</sub> Basis	USGS - StreamStats
Elevation (ft)	-	Slope (ft/ft)	-
Watershed No.	20-A	Chapter 93 Class.	WWF
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	-		
PWS Waters	-	Flow at Intake (cfs)	-
PWS RMI	-	Distance from Outfall (mi)	-

Changes Since Last Permit Issuance: N/A

Other Comments:

This discharge does not qualify for a PAG-04 general permit due to the high organic strength of the influent wastewater, which are above the guideline concentrations for influent sewage found in the Department's Small Flow Treatment Facilities Manual.

In accordance with the SOP, the TRC modeling was conducted since this is an SFTF (TRC spreadsheet attached below).

**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> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/month	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.2	1/month	Grab
BOD5	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 Geo Mean	XXX	1000	1/month	Grab
Total Nitrogen	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab

Compliance Sampling Location: Outfall 001 – after disinfection

Other Comments: Effluent limitations for Flow, BOD5, TSS, Fecal Coliform, and Total Nitrogen were updated from 1/6 months to 1/month to ensure the system is operating correctly. The TRC average monthly and instantaneous maximum limits remain the same as seen in the TRC spreadsheet attached to this fact sheet. Total Nitrogen is included in the effluent limits because of the high organic strength of the influent wastewater.

Attachment 1  
eMapPA – Receiving Stream Location and Data

The screenshot displays the eMapPA web application interface. At the top, there are tabs for 'Map', 'eFacts Query', 'Advanced Query', and 'Filter Plant Source Search'. Below these, there are radio buttons for 'ESRI Streets & Imagery', 'Topographic', and 'National Geographic'. A 'Streets' and 'Imagery' toggle is also present. The main map area shows a stream network with a yellow crosshair indicating a specific location. A popup window titled 'PA Historic Streams (1 of 3)' is open, displaying the following data:

PA Historic Streams (1 of 3)		
Name:	Trib 63835 To Booth Run	
Net Streams:	116678	
Shed:	20A	
Named:	0	
Rec No:	116678	
Seg ID:	63835_0_1.0302	
Seg ID Old:	63835_0_1.0302	
From Node:	33585	
To Node:	33989	
Down River Mile:	0	
Up River Mile:	1.030168	
WRDS:	63835	
Strahler:	2	

Below the popup, there is a 'Zoom to' link. To the right of the map, there is a 'Locate Latitude and Longitude' dialog box with radio buttons for 'Decimal Degrees' and 'DD/MM/SS'. It contains input fields for Latitude (Degrees: 41, Minutes: 23, Seconds: 32.62) and Longitude (Degrees: -80, Minutes: 30, Seconds: 43.93). There are 'Locate' and 'Close' buttons at the bottom of the dialog. The map also includes a scale bar (0 to 0.2 miles) and an 'esri' logo.

Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community; ESRI Streets: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

Attachment 2  
Google Earth – Aerial Site View





Attachment 3  
TRC Spreadsheet

## TRC EVALUATION

0.0126	= Q stream (cfs)	0.5	= CV Daily	
0.00073	= Q discharge (MGD)	0.5	= CV Hourly	
4	= no. samples	1	= AFC_Partial Mix Factor	
0.3	= Chlorine Demand of Stream	1	= CFC_Partial Mix Factor	
0	= Chlorine Demand of Discharge	15	= AFC_Criteria Compliance Time (min)	
0.5	= BAT/BPJ Value	720	= CFC_Criteria Compliance Time (min)	
	= % Factor of Safety (FOS)		=Decay Coefficient (K)	
Source	Reference	AFC Calculations	Reference	CFC Calculations
TRC	1.3.2.iii	WLA afc = 3.578	1.3.2.iii	WLA cfc = 3.481
PENTOXSD TRG	5.1a	LTAMULT afc = 0.373	5.1c	LTAMULT cfc = 0.581
PENTOXSD TRG	5.1b	LTA_afc= 1.333	5.1d	LTA_cfc = 2.024
Source	Effluent Limit Calculations			
PENTOXSD TRG	5.1f	AML MULT = 1.720		
PENTOXSD TRG	5.1g	AVG MON LIMIT (mg/l) = 0.500	BAT/BPJ	
		INST MAX LIMIT (mg/l) = 1.170		