pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Northcentral Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0208574**
Wastewater Type	**Sewage**	APS ID	**1029799**
Facility Type	**SFTF**	Authorization ID	**1338541**

NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP

Applicant, Facility and Project Information

Applicant Name	**Coach Stop LLC**	Facility Name	**Coach Stop Inn**
Applicant Address	4755 Route 6	Facility Address	4755 Route 6
	Wellsboro, PA 16901-8046		Wellsboro, PA 16901-8046
Applicant Contact	Michael Hudecheck	Facility Contact	Michael Hudecheck
Applicant Phone	(570) 290-7867	Facility Phone	(570) 290-7867
Client ID	344164	Site ID	246317
SIC Code	7011	Municipality	Shippen Township
SIC Description	Services - Hotels And Motels	County	Tioga
Date Application Received	January 5, 2021	WQM Required	No
Date Application Accepted	January 8, 2021	WQM App. No.	n/a

Project Description: Renewal of existing NPDES Permit

Summary of Review

The above permittee has submitted an NPDES renewal application for an existing 2000 gallon per day sewage Small Flow Treatment Facility (SFTF) located in Shippen Township, Tioga County. The facility serves a hotel, restaurant and a residence. The facility consists of two 1500 gallon BI-A-ROBI extended air treatment units (UPA Class 2), a 1500 gallon dosing tank with duplex pumps, a totalizing meter, two 900 square foot intermittent sand filters, an erosion tablet chlorinator, and a 1000 gallon chlorine contact tank. The discharge is to an Unnamed Tributary to Pine Creek.

Unless otherwise noted, all applicable Department Standard Operating Procedures (SOPs) were followed during the review of this application. Based on the following review, it is recommended a draft permit be sent.

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		*Chad A. Fabian* Chad A. Fabian / Project Manager	January 21, 2021
X		*Nicholas W. Hartranft, P.E.* Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	January 22, 2021

Discharge and Stream Data

Outfall No.	001	Design Flow (MGD)	.002
Latitude	41º 44' 25.93"	Longitude	-77º 27' 41.44"
Quad Name		Quad Code	
Wastewater Description:	Sewage Effluent		
Receiving Waters	UNT to Pine Creek (EV)	Stream Code	21166 (Pine Creek)
NHD Com ID	66536127	RMI	60.1 (Pine Creek)
Drainage Area	277	Yield (cfs/mi^2)	n/a
Q_{7-10} Flow (cfs)	11	Q_{7-10} Basis	See below
Elevation (ft)	1250	Slope (ft/ft)	n/a
Watershed No.	9-A	Chapter 93 Class.	EV
Existing Use	EV	Existing Use Qualifier	n/a
Exceptions to Use	None	Exceptions to Criteria	None
Assessment Status	Impaired		
Cause(s) of Impairment	MERCURY		
Source(s) of Impairment	SOURCE UNKNOWN		
TMDL Status	None	Name	
Nearest Downstream Public Water Supply Intake	Jersey Shore-Pine Creek Plant, approximately 57 miles downstream on Pine Creek		

Changes Since Last Issuance: The $Q_{7,10}$ is the lowest seven consecutive days of flow in a 10-year period and is used for modeling wastewater treatment plant discharges. 25 PA §96.1 defines $Q_{7,10}$ as "the actual or estimated lowest 7 consecutive day average flow that occurs once in 10 years for a stream with unregulated flow, or the estimated minimum flow for a stream with regulated flow". Previously, the above $Q_{7,10}$ had not been calculated. The discharge is to a dry swale classified as an Unnamed Tributary of Pine Creek. Therefore, Pine Creek is considered the first point of use for the discharge. The above $Q_{7,10}$ was calculated by using a ratio of USGS Gage 01548500 data ($Q_{7,10}$ of 24 cfs at 604 mi^2 drainage area) versus the above drainage area at the point of first use. The results are a $Q_{7,10}$ of 11 cfs.

Compliance History	
Summary of AMRs:	An Annual Maintenance Report (AMR) was submitted with this permit renewal application.
Summary of Inspections:	An inspection was performed on the facility on August 3, 2020. The inspection noted 2 violations regarding failure to submit an AMR and failure to maintain treatment facilities (sand filters). As noted above, the AMR was received with the renewal application. In an email correspondence dated 11/17/2020 (see attached), the permittee notified the Department that the sand filters have been repaired.

Existing Effluent Limitations and Monitoring Frequencies

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/month	Estimate
pH (S.U.)	XXX	XXX	6.0	XXX	9.0	XXX	1/month	Grab
TRC	XXX	XXX	XXX	Report	XXX	Report	1/month	Grab
CBOD5	XXX	XXX	XXX	10	XXX	20	1/month	Grab
TSS	XXX	XXX	XXX	20	XXX	40	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/year	Grab

Proposed Effluent Limitations and Monitoring Requirements for Outfall 001

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.

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/month	Estimate
pH (S.U.)	XXX	XXX	6.0	XXX	9.0	XXX	1/month	Grab
TRC	XXX	XXX	XXX	0.5	XXX	0.75	1/month	Grab
CBOD5	XXX	XXX	XXX	10	XXX	20	1/month	Grab
TSS	XXX	XXX	XXX	20	XXX	40	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/year	Grab

Comments:

In accordance with the Department's SOP for reissuance of SFTF permits, the chlorine spreadsheet model (see attached) was used to determine if water quality or technology limits for Total Residual Chlorine (TRC) are applicable. The chlorine spreadsheet shows that the above technology standards are applicable. Therefore, the above new TRC limits will be proposed in the draft permit.

The Department has electronic records regarding the facility dating back to 1998. In accordance with the Department's SOP for reissuance of SFTF permits and because the facility predates the December 2, 2006 publication of the Small Flow Treatment Facilities Manual (362-0300-002), the existing TSS limitation will be maintained.

All of the above existing monitoring frequencies have been maintained in this draft permit. Since monthly monitoring frequencies for several parameters exist, the Department proposes monthly Discharge Monitoring Reports (DMRs) in lieu of AMRs. The permittee may sign up for the Department's online eDMR system to report monthly DMR results. AMRs will no longer be required.

It is recommended the permit be drafted as described above.