

Application Type New
Wastewater Type Sewage
Facility Type SFTF

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

Application No. PA0289311
APS ID 1037163
Authorization ID 1351245

Applicant, Facility and Project Information

Applicant Name	<u>Joseph B. Cunningham</u>	Facility Name	<u>Joseph Cunningham SFTF</u>
Applicant Address	<u>9599 Peach Street</u> <u>Waterford, PA 16441-4031</u>	Facility Address	<u>13230 Old Rte 19 N</u> <u>Waterford, PA 16441</u>
Applicant Contact	<u>Joseph Cunningham</u>	Facility Contact	<u>Timothy Yaple</u>
Applicant Phone	<u>(814) 434-1020</u>	Facility Phone	<u>(814)-323-1542</u>
Applicant E Mail	<u>summitautoinc@hotmail.com</u>	Warehouse E Mail	<u>tkyaple@hotmail.com</u>
Client ID	<u>362459</u>	Site ID	<u>846903</u>
Municipality	<u>Le Boeuf Township</u>	County	<u>Erie</u>
SIC Code	<u>8800</u>	SIC Code	<u>4952</u>
SIC Description	<u>Private Households</u>	SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>
Received	<u>March 11, 2021</u>	WQM Required	<u>Yes pending</u>
Accepted	<u>May 12, 2021</u>	WQM App. No.	<u>2521410</u>
Project Description	<u>Failed on-lot sewage treatment facility replacement at a two apartment and warehouse complex.</u>		

Summary of Review

Two- and three-bedroom apartments and a 5 employee (including Timothy Yaple) warehouse. Design basis is for two apartments (homes) at 400-gpd and 1.2-ppd BOD5/day each totaling 800-gpd and 2.4-ppd BOD5/day and for the warehouse with 5 employees at 35-gpcd (175-gpd) and 0.02-ppcd (0.1-ppd) BOD5. Total design is 975-gpd and 2.5-ppd BOD5.

No violations are listed in WMS.

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		<i>William H. Mentzer</i> William H. Mentzer, P.E. Environmental Engineering Specialist	May 13, 2021
X		Justin C. Dickey Justin C. Dickey, P.E. Environmental Engineer Manager	May 24, 2021

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>0.000975</u>
Latitude DP	<u>41° 54' 53.71"</u>	Longitude DP	<u>-79° 59' 20.81"</u>
Latitude NHD	<u>41° 54' 56.93"</u>	Longitude NHD	<u>-79° 59' 20.78"</u>
Quad Name	<u>Waterford</u>	Quad Code	<u>0306</u>
Wastewater:	<u>Treated two apartment duplex and warehouse domestic wastes</u>		
Receiving Waters	<u>Unnamed Tributary to LeBoeuf Creek</u>	Stream Code	<u>unknown</u>
NHD Com ID	<u>127355066</u>	RMI	<u>0.0700</u>
Drainage Area	<u>0.1</u>	Yield (cfs/mi ²)	<u>0</u>
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Q ₇₋₁₀ Basis	<u>Dry stream</u>
Elevation (ft)	<u>1261.50</u>	Slope (ft/ft)	<u>0.03268</u>
Watershed No.	<u>16-A</u>	Chapter 93 Class.	<u>TSF</u>
Existing Use	<u>statewide</u>	Existing Use Qualifier	<u>none</u>
Exceptions to Use	<u>none</u>	Exceptions to Criteria	<u>none</u>
Comments	<u>Roadside ditch confluence at intermittent tributary RMI 0.27</u>		
Assessment Status	<u>Attaining Use(s)</u>		
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	<u>Cambridge Springs Borough</u>		
PWS Waters	<u>French Creek</u>	Flow at Intake (cfs)	<u>NA</u>
PWS RMI	<u>50.28</u>	Distance from Outfall (mi)	<u>19.61</u>

Changes Since Last Permit Issuance: NA

Other Comments: No water supply impairment is expected

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 (GPD)	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
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.-	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/month	Grab

Compliance Sampling Location: Outfall 001 after disinfection

Other Comments: