

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0222372
APS ID 1132204
Authorization ID 1517958

Applicant, Facility and Project Information

Applicant Name <u>VFW Post 740 Edinboro Mckean</u>	Facility Name <u>VFW Post 740</u>
Applicant Address <u>10613 Route 98</u> <u>Edinboro, PA 16412-9742</u>	Facility Address <u>10613 Route 98</u> <u>Edinboro, PA 16412-9743</u>
Applicant Contact <u>Wendi Hayden</u>	Facility Contact _____
Applicant Phone <u>(814) 734-2797</u>	Facility Phone <u>(814) 734-2797</u>
Client ID <u>132558</u>	Site ID <u>520224</u>
SIC Code <u>4952,7997,8641</u>	Municipality <u>Franklin Township</u>
SIC Description <u>Services - Civic And Social Associations, Services - Membership Sports And Recreation Clubs, Trans. & Utilities - Sewerage Systems</u>	County <u>Erie</u>
Date Application Received <u>March 3, 2025</u>	WQM Required <u>NSNMI 3267</u>
Date Application Accepted _____	WQM App. No. _____
Project Description <u>Renewal of a Small Flow Treatment Facility (SFTF)</u>	

Summary of Review

The permittee is applying for reissuance of Individual Permit No. PA0222372 which would expire on August 31, 2025. The existing discharge serves a restaurant and discharges into Tributary 62532 to Little Elk Creek (CWF, MF).

The existing facility consists of (NSNMI 3267): A septic tank, sand filter, grease traps, dosing tanks, with chlorine disinfection.

Act 14 notifications were submitted and received.

Yearly AMRs have been submitted. The system appears to be operating as designed.

There are 4 open violations for the subject Client ID (132558) as of March 26, 2025, consisting of 1) failure to operate and maintain the water system, 2) cross-connections exist without proper backflow protection, 3) failure to meet design and construction standards, and 4) NPDES – failure to pay annual fee. The cover letter addresses these open violations and discusses that the application may not be issued as a final permit unless the violations are resolved.

Effluent limits were retained from the last permit cycle. In accordance with the SOP, the TRC Spreadsheet attached to this fact sheet below was used to verify TRC limits.

Approve	Deny	Signatures	Date
X		Carlee Wilson Carlee Wilson / Environmental Engineering Trainee	March 26, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	March 28, 2025

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.0012
Latitude	41° 55' 15.88"	Longitude	-80° 13' 43.00"
Quad Name	-	Quad Code	-
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to Little Elk Creek (CWF, MF)	Stream Code	62532
NHD Com ID	123922481	RMI	4.2600
Drainage Area	0.2	Yield (cfs/mi ²)	-
Q ₇₋₁₀ Flow (cfs)	0.00693	Q ₇₋₁₀ Basis	USGS - StreamStats
Elevation (ft)	-	Slope (ft/ft)	-
Watershed No.	15-A	Chapter 93 Class.	CWF, MF
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 SFTF was designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General due to the use of a sand filter, grease traps, and dosing tanks.

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.

Proposed Effluent Limitations and Monitoring Requirements

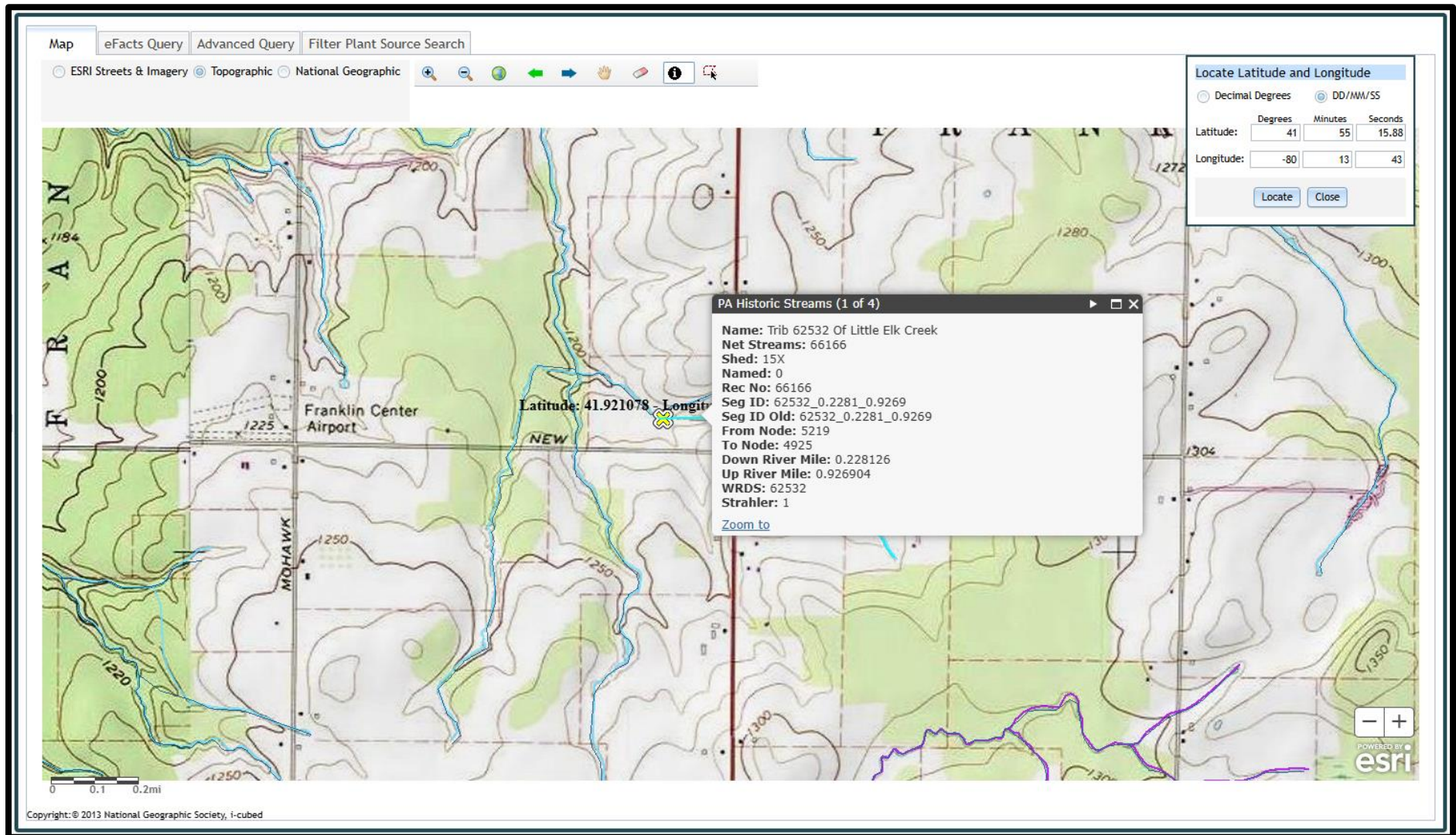
The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). 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.

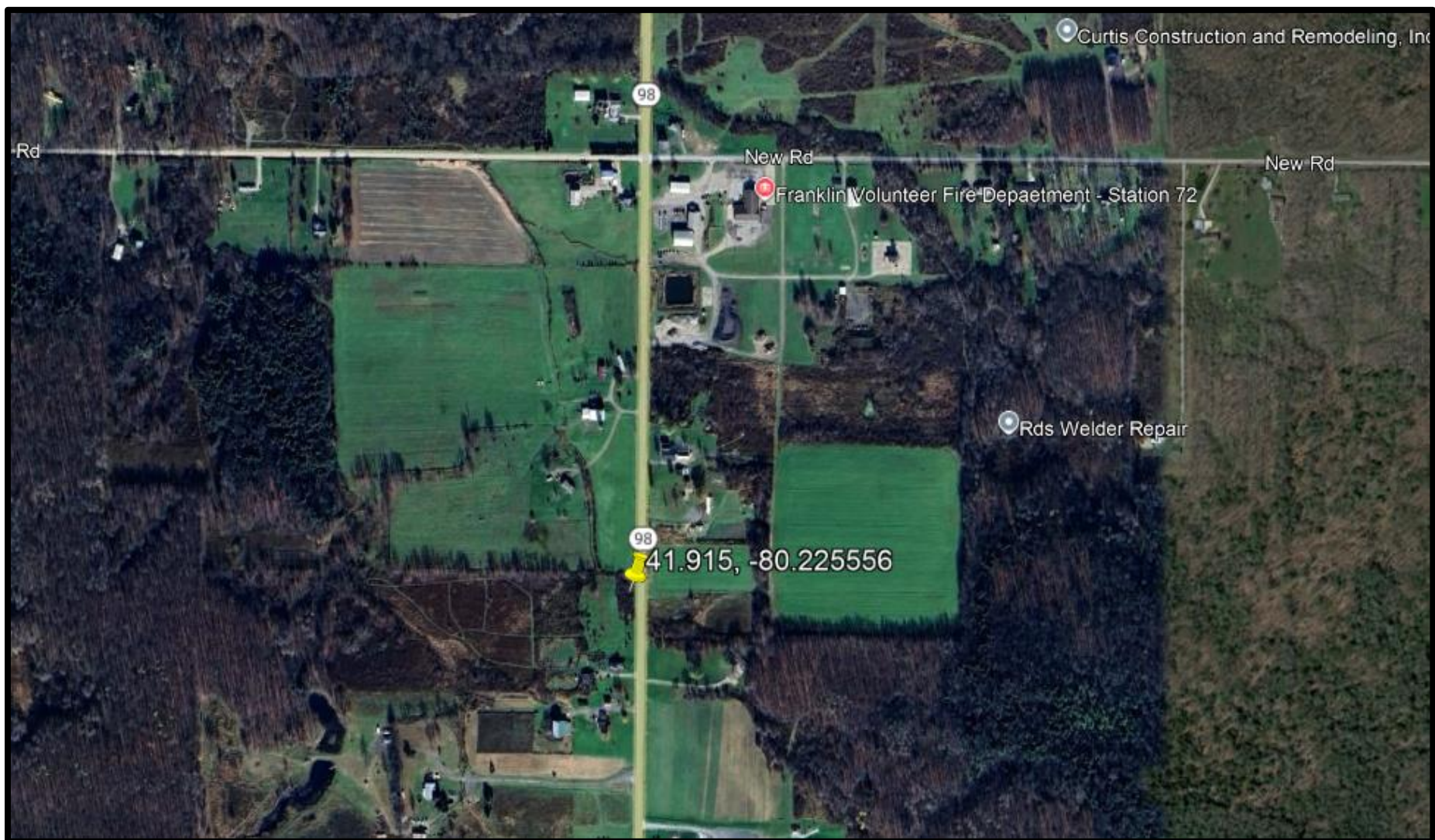
Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/month	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
DO	XXX	XXX	3.0 Daily Min	XXX	XXX	XXX	1/month	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.2	1/month	Grab
CBOD5	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	XXX	1/month	Grab
Ammonia	XXX	XXX	XXX	6.0	XXX	12.0	1/month	Grab
Total Phosphorus	XXX	XXX	XXX	1.0	XXX	XXX	1/month	Grab

Compliance Sampling Location: Outfall 001 – after disinfection

Attachment 1
eMapPA – Receiving Stream Location and Data



Attachment 2
Google Earth – Aerial Site View



Attachment 3
TRC Spreadsheet Evaluation

TRC EVALUATION					
0.00693	= Q stream (cfs)	0.5	= CV Daily		
0.0012	= 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 = 1.210		1.3.2.iii	WLA cfc = 1.172
PENTOXSD TRG	5.1a	LTAMULT afc= 0.373		5.1c	LTAMULT cfc = 0.581
PENTOXSD TRG	5.1b	LTA_afc= 0.451		5.1d	LTA_cfc = 0.681
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			