pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Northwest Regional Office
CLEAN WATER PROGRAM

Application Type	**New**	Application No.	**PA0289175**
Wastewater Type	**Sewage**	APS ID	**1034656**
Facility Type	**SFTF**	Authorization ID	**1347132**

NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP

Applicant, Facility and Project Information

Applicant Name	**Roger L. Brown**	Facility Name	**Roger L Brown SFTF**
Applicant Address	17930 Station Road	Facility Address	17930 Station Road
	Centerville, PA 16404-6756		Centerville, PA 16404-6756
Applicant Contact	Roger Brown	Facility Contact	Roger Brown
Applicant Phone	(814) 673-0714	Facility Phone	(814) 673-0714
Applicant Email	r1titus@yahoo.com		
Client ID	361696	Site ID	847201
SIC Code	8800	Municipality	Rome Township
SIC Description	Private Households	County	Crawford
Date Application Received	January 29, 2021	WQM Required	Yes
Date Application Accepted	March 25, 2021	WQM App. No.	2021404

Project Description: Discharge associated with a small flow treatment facility (SFTF) serving two dwellings.

Summary of Review

This is a new discharge that will serve an existing 2-bedroom mobile home and a proposed 2-bedroom mobile home both located on the same lot.

Act 14 – Proof of Notification was submitted and received.

Proposed treatment will consist of (WQM Permit No. 2021404): Two (2) 1000-gallon dual compartment septic tanks with Zabel A300 effleunt filters (1 serving each dwelling combing flows at a sanitary “Y” with cleanout followed by an EC7-1050 PDV Coco filter unit, and a UV disinfection.

The EPA Waiver is in effect.

Planning approval is dated March 24, 2021 for an 800-GPD SFTF.

There are no open violations in WMS for the subject Client ID (361696) as of March 25, 2021.

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		Justin C. Dickey Justin C. Dickey, P.E. / Environmental Engineer Manager	March 25, 2021

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	.0008
Latitude	41Âº 43' 32.92"	Longitude	-79Âº 45' 49.82"
Quad Name		Quad Code	
Wastewater Description:	Sewage Effluent		
Receiving Waters	Unnamed Tributary to Oil Creek (CWF)	Stream Code	54495
NHD Com ID	100470675	RMI	0.26
Drainage Area	0.22	Yield (cfs/mi^2)	0.1 (default)
Q_{7-10} Flow (cfs)	0.022	Q_{7-10} Basis	default
Elevation (ft)	1296 (approximate)	Slope (ft/ft)	---
Watershed No.	16-E	Chapter 93 Class.	CWF
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)	7.0	Default
Temperature (°F)	20	Default (CWF)
Hardness (mg/L)	---	---
Other:	---	---

Nearest Downstream Public Water Supply Intake		Aqua Pennsylvania, Inc. - Emlenton	
PWS Waters	Allegheny River	Flow at Intake (cfs)	---
PWS RMI	90.0	Distance from Outfall (mi)	---

Changes Since Last Permit Issuance: N/A

Other Comments: This SRSTP was designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General Permit due to the use of a Ecoflo Coco filter unit.

The Premier Tech Ecoflo Coco filter unit is reportedly capable of meeting CBOD5 averages of 10 mg/l and TSS averages of 10 mg/l.

Although this is a small flow treatment facility (SFTF) since it serves two dwelling, SRSTP monitoring requirements will be imposed. Therefore, no water quality modeling was performed.

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.

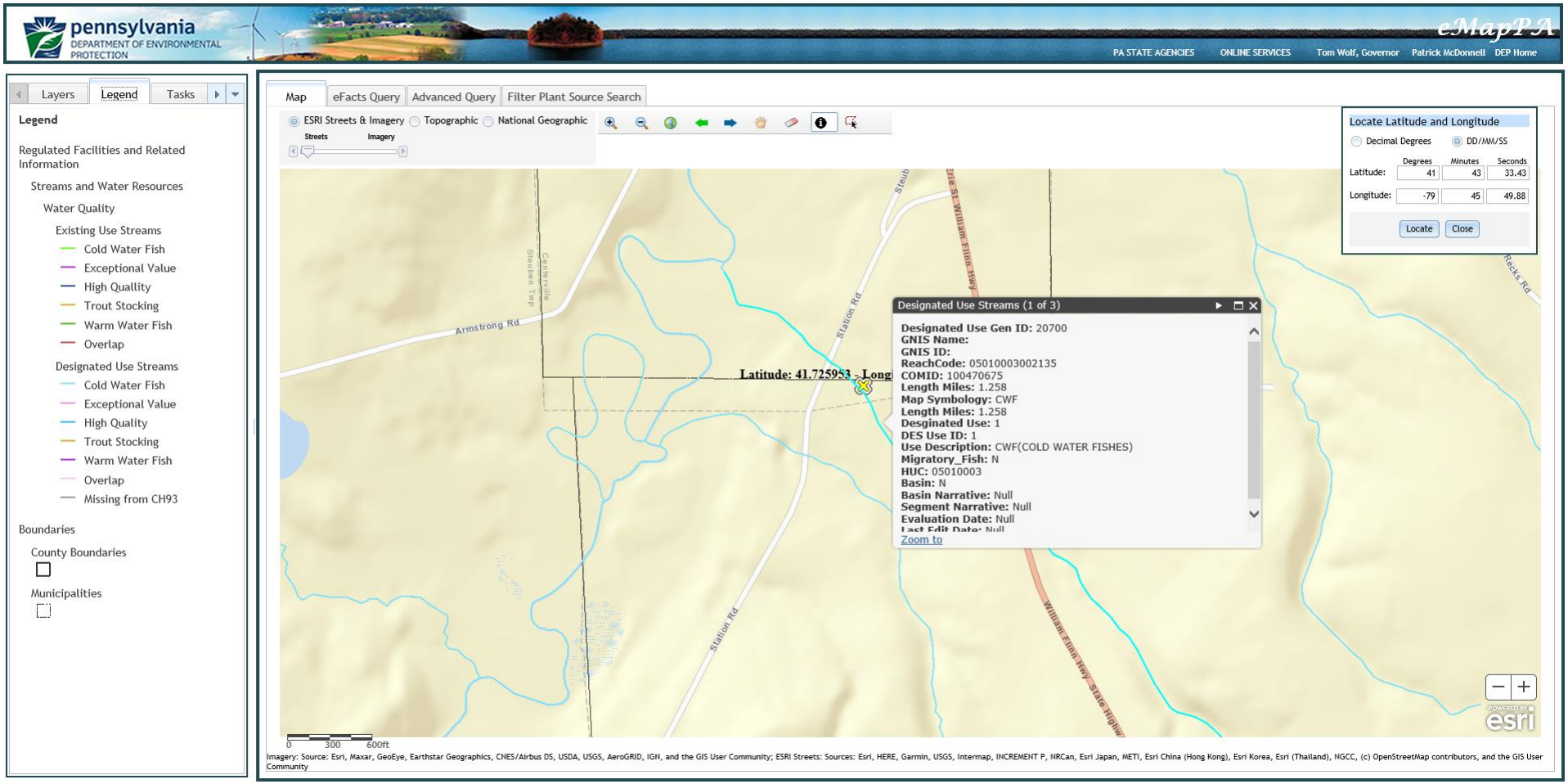
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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	Annual Average	Maximum	Instant. Maximum		
Flow (GPD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	Upon Request	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001 after disinfection

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for BOD_5, Total Suspended Solids, and Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7.

eMAP – Discharge Location with Stream Designation

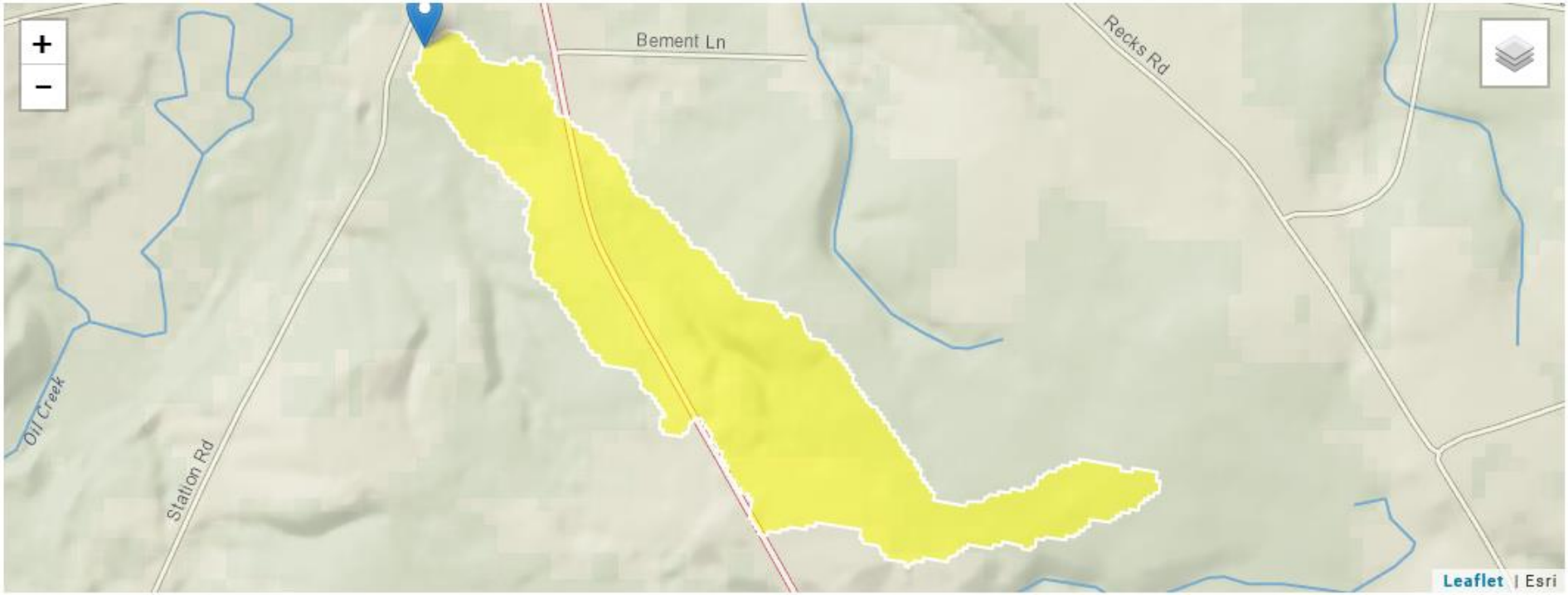


Google Earth – Aerial Imagery of Project Location

StreamStats Report – Drainage Area

StreamStats Report

Region ID:	PA
Workspace ID:	PA20210325144008667000
Clicked Point (Latitude, Longitude):	41.72613, -79.76422
Time:	2021-03-25 10:40:25 -0400



Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.22	square miles