

Application Type New
Wastewater Type Sewage
Facility Type SFTF

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

Application No. PA0288624
APS ID 1020574
Authorization ID 1321773

Applicant, Facility and Project Information

Applicant Name	<u>Route 36 LLC</u>	Facility Name	<u>Route 36 LLC SFTF</u>
Applicant Address	<u>530 Spring Avenue</u> <u>Dubois, PA 15801-1554</u>	Facility Address	<u>3204 Pine Hollow Drive</u> <u>Tionesta, PA 16353-3728</u>
Applicant Contact	<u>Bradley Coppella</u>	Facility Contact	<u>Bradley Coppella</u>
Applicant Phone	<u>(814) 594-4464</u>	Facility Phone	<u>(814) 594-4464</u>
Client ID	<u>357650</u>	Site ID	<u>842522</u>
SIC Code	<u>5411</u>	Municipality	<u>Washington Township</u>
SIC Description	<u>Retail Trade - Grocery Stores</u>	County	<u>Clarion</u>
Date Application Received	<u>July 2, 2020</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>August 4, 2020</u>	WQM App. No.	<u>1620405</u>
Project Description	<u>Small Flow Treatment Facility.</u>		

Summary of Review

The project involves the installation of a new 900 gpd Small Flow Treatment Facility to replace an existing malfunctioning onlot system in order to serve a 4-bedroom home and a commercial retail store.

Act 14 – Proof of notification was submitted and received.

The applicant should be able to meet the limits of this permit, which will protect the uses of the receiving stream.

I. OTHER REQUIRMENTS

- | | |
|---|---------------------------------|
| A. AMRs | F. Stormwater into Sewers |
| B. DMRs | G. Right of Way |
| C. Depth of Septage and Scum Management | H. Solids Handling |
| D. Septic Tank Pumping | I. Public Sewerage Availability |
| E. Chlorine Optimization | |

SPECIAL CONDITIONS: None

Proposed treatment will consist of (WQM Permit No. 1620405): a new 2,000-gallon dual compartment concrete septic tank with a Zabel A300 effluent filter, and an alarm on outlet of the septic tank, a Premier Tech EC7-1050-P-PDV Coco Filter unit with integrated pump and DiUV disinfection, where the treated effluent will discharge on the owners property into a drainage swale to Irish Run (CWF).

There are no open violations in WMS for the subject client ID (357650) as of 8/4/2020.

Approve	Deny	Signatures	Date
X		Jon F. Bucha Jonathan F. Bucha / Civil Engineer Trainee	August 4, 2020
X		Justin C. Dickey Justin C. Dickey, P.E. / Environmental Engineer Manager	August 18, 2020

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.0009
Latitude	41° 25' 41.48"	Longitude	-79° 22' 1.63"
Quad Name	Tylersburg	Quad Code	0711
Wastewater Description: Sewage Effluent			
Receiving Waters	Irish Run (CWF)	Stream Code	54938
NHD Com ID	100475635	RMI	2.0
Drainage Area	0.26 mi ²	Yield (cfs/mi ²)	0.036
Q ₇₋₁₀ Flow (cfs)	0.00937	Q ₇₋₁₀ Basis	Streamstats
Elevation (ft)	1582 (Google Earth)	Slope (ft/ft)	-
Watershed No.	16-F	Chapter 93 Class.	Cold Water Fishes
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	Aqua PA Emlenton		
PWS Waters	Allegheny River	Flow at Intake (cfs)	1376
PWS RMI	90	Distance from Outfall (mi)	73.6

Changes Since Last Permit Issuance: N/A

Other Comments: This treatment facility is capable of meeting effluent requirements.

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 (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	20.0	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: Flow is monitor only based on Chapter 92a.61. The limits for BOD5, Total Suspended Solids, and Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7 and the monitoring frequency has been established as "Upon Request" due to CWF stream designation.



