

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0263681
APS ID 1061408
Authorization ID 1392654

Applicant, Facility and Project Information

Applicant Name	<u>Tina McGarvey</u>	Facility Name	<u>Tina McGarvey SRSTP</u>
Applicant Address	<u>4486 Hayes Road</u> <u>Ravenna, OH 44266-3710</u>	Facility Address	<u>15 Yohe Road</u> <u>Bradford, PA 16701-2478</u>
Applicant Contact	<u>Tina McGarvey</u>	Facility Contact	<u>Tina McGarvey</u>
Applicant Phone	<u>(330) 221-4806</u>	Facility Phone	<u>(330) 221-4806</u>
Client ID	<u>369469</u>	Site ID	<u>729216</u>
SIC Code	<u>8800</u>	Municipality	<u>Corydon Township</u>
SIC Description	<u>Private Households</u>	County	<u>McKean</u>
Date Application Received	<u>April 15, 2022</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>April 15, 2022</u>	WQM App. No.	<u>4210401 T-1</u>
Project Description	<u>Single Residence Sewage Treatment Plant Renewal & Transfer.</u>		

Summary of Review

The application involves the renewal and transfer of an Individual NPDES permit for a 400 gpd single residence sewage treatment system.

WQM permit no. 4210401 will be transferred concurrently with the final NPDES permit. Permits will be transferred from Cecilia & Ralph Laroche to Tina McGarvey.

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

Treatment consists of (WQM Permit No. 4210401) a 1,000 gallon dual compartment septic tank with an effluent filter, a 500 gallon dosing tank, a 600 square foot (24' x 25') subsurface sand filter, and tablet chlorine disinfection with a 200 gallon contact tank.

Sludge use and disposal description and location(s): Septage must be pumped and hauled off-site by a septage hauler for land application under a general permit authorized by DEP or disposal at an STP.

There are no open violations in WMS for the subject client ID (369469) as of 08/01/2022.

Approve	Deny	Signatures	Date
X		Jon F. Bucha Jonathan F. Bucha / Project Manager	August 1, 2022
X		Adam J. Pesek (Lead Reviewer) Vacant / Environmental Engineer Manager	August 8, 2022

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>41° 58' 34.00"</u>	Longitude	<u>-78° 52' 25.00"</u>
Quad Name	<u>Stickney</u>	Quad Code	<u>0315</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Willow Creek (HQ-CWF)</u>	Stream Code	<u>N/A</u>
NHD Com ID	<u>112366625</u>	RMI	<u>N/A</u>
Drainage Area	<u>-</u>	Yield (cfs/mi ²)	<u>-</u>
Q ₇₋₁₀ Flow (cfs)	<u>-</u>	Q ₇₋₁₀ Basis	<u>-</u>
Elevation (ft)	<u>1490 (Google Earth)</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>16-B</u>	Chapter 93 Class.	<u>HQ-CWF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u></u>	Name	<u></u>
Background/Ambient Data		Data Source	
pH (SU)	<u></u>		<u></u>
Temperature (°F)	<u></u>		<u></u>
Hardness (mg/L)	<u></u>		<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>Pennsylvania – New York State Border</u>		
PWS Waters	<u>-</u>	Flow at Intake (cfs)	<u>-</u>
PWS RMI	<u>-</u>	Distance from Outfall (mi)	<u>4.0</u>

Changes Since Last Permit Issuance: None

Other Comments: This treatment system is capable of meeting effluent limitations.

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.

Compliance History	
Summary of DMRs:	The most recent AMR was submitted for the June, 2017 to May 31, 2018 reporting period. Sampling was reported for TRC and fecal coliform, which were both meeting effluent limits.
Summary of Inspections:	SEO Todd Fantaskey completed an inspection on 10/27/2017, where no violations were noted. The treatment system appeared to be functioning as designed.

Other Comments: **AMRs should be submitted annually by June 30th each year. Effluent samples are to be taken each year and analyzed by a PA DEP accredited lab for BOD5, TSS, TRC, and fecal coliform.**

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	Average Monthly	Average Monthly	Maximum	Instant. Maximum		
Flow (GPD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
TRC	XXX	XXX	Report	XXX	XXX	XXX	1/month	Grab
BOD5	XXX	XXX	10.0	XXX	XXX	20.0	1/year	Grab
TSS	XXX	XXX	10.0	XXX	XXX	20.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/year	Grab

Compliance Sampling Location: outfall 001 after disinfection.

Other Comments: Flow and TRC are monitor only based on Chapter 92a.61. The limits for BOD5, Total Suspended Solids, and Fecal Coliform are BPJ technology-based on the Departments SFTF Manual. The limits for pH are technology-based on Chapter 93.7 and the monitoring frequency has been established as "1/month" due to HQ-CWF stream designation.