

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0210714
APS ID 974828
Authorization ID 1240231

Applicant, Facility and Project Information

Applicant Name	<u>Mark D & Wendy J Watt</u>	Facility Name	<u>Mark D & Wendy J Watt SFTF</u>
Applicant Address	<u>3383 Church Street</u> <u>Reynoldsville, PA 15851-5907</u>	Facility Address	<u>3383 Church Street</u> <u>Reynoldsville, PA 15851-5907</u>
Applicant Contact	<u>Mark Watt</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 653-2020</u>	Facility Phone	<u></u>
Client ID	<u>44571</u>	Site ID	<u>247915</u>
Municipality	<u>Winslow Township</u>	County	<u>Jefferson</u>
SIC Code	<u>8800</u>	SIC Code	<u>4952</u>
SIC Description	<u>Private Households</u>	SIC Description	<u>Sewage treatment</u>
Received	<u>August 6, 2018</u>	WQM Required	<u>The existing permit is adequate</u>
Accepted	<u>September 20, 2018</u>	WQM App. No.	<u>NA</u>

Project Description NPDES permit renewal

Summary of Review

No violations are reported.
Most recent tank pumping was on September 17, 2018.
2017, 2018, and 2019 AMR were received on April 15, 219.

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		William H. Mentzer, P.E. Environmental Engineering Specialist	December 19, 2019
X		Justin C. Dickey, P.E. Environmental Engineer Manager	

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	0.0008
Latitude NHD	41° 6' 0.15"	Longitude NHD	-78° 50' 56.30.00"
Latitude DP	41° 6' 58.00"	Longitude DP	-78° 50' 56.33.00"
Quad Name	Du Bois	Quad Code	1015
Wastewater:	Treated dual single residence domestic wastes		
Receiving Waters	Unnamed tributary to Fehley Run	Stream Code	unknown
NHD Com ID	123857199	RMI	0.05
Drainage Area	0.1	Yield (cfs/mi ²)	0
Q ₇₋₁₀ Flow (cfs)	0	Q ₇₋₁₀ Basis	Dry stream
Elevation (ft)	1440.00	Slope (ft/ft)	
Watershed No.	17C	Chapter 93 Class.	Cold Water Fish
Existing Use	statewide	Existing Use Qualifier	none
Exceptions to Use	none	Exceptions to Criteria	none
Comments	Dry stream discharge with a confluence at Fehley Run RMI 0.69		
Assessment Status	Impaired		
Cause(s) of Impairment	Metals, pH		
Source(s) of Impairment	Abandoned Mine Drainage, Abandoned Mine Drainage		
TMDL Status		Name	
Background/Ambient Data		Data Source	
pH (SU)			
Temperature (°F)			
Hardness (mg/L)			
Other:			
Nearest Downstream Public Water Supply Intake	Hawthorn Redbank		
PWS Waters	Redbank Creek	Flow at Intake (cfs)	NA
PWS RMI	28	Distance from Outfall (mi)	23.3

Changes Since Last Permit Issuance: none

Other Comments: No water supply impairments are expected.

Reported treatment:

Three chamber (round) aerobic unit (settling, aeration, chlorination/dechlorination).

The WQM permit is for a NAYADIC M105A aerobic unit with either a NAYADIC 1200F upflow filter or a Zabel filter and chlorination.

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 (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Daily Min	XXX	XXX	9.0	Upon Request	Grab
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	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	1000	1/year	Grab

Compliance Sampling Location: Outfall 001 after disinfection