

Application Type New
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0291501
APS ID 1055367
Authorization ID 1382723

Applicant, Facility and Project Information

Applicant Name	<u>Arlyn Ebersole</u>	Facility Name	<u>Ebersole Res</u>
Applicant Address	<u>2494 Clearfield Road</u> <u>Shippensburg, PA 17257-9325</u>	Facility Address	<u>2494 Clearfield Road</u> <u>Shippensburg, PA 17257-9325</u>
Applicant Contact	<u>Arlyn Ebrsole</u>	Facility Contact	<u>Arlyn Ebrsole</u>
Applicant Phone	<u>(717) 776-6420</u>	Facility Phone	<u>(717) 776-6420</u>
Client ID	<u>367837</u>	Site ID	<u>854563</u>
SIC Code	<u>1521</u>	Municipality	<u>Southampton Township</u>
SIC Description	<u>Construction - Single-Family Housing</u> <u>Construction</u>	County	<u>Franklin</u>
Date Application Received	<u>January 24, 2022</u>	WQM Required	<u>Pending</u>
Date Application Accepted	<u>February 11, 2022</u>	WQM App. No.	<u>2822401</u>
Project Description	<u>Application for a proposed modification for a new discharge for an existing residence.</u>		

Summary of Review

An NPDES permit application was submitted for a Single-Residence Sewage Treatment Plant (SRSTP) located in Southampton Township, Franklin County.

DEP's SOP recommends an average monthly limit of 10 mg/L for both Total Suspended Solids and CBOD₅. Accordingly, new limits of TSS and CBOD₅ will be included in the draft permit to be consistent with DEP's SOP. A year-round fecal coliform limit of 200 cfu/100 mL is recommended and is consistent with DEP's SOP.

Chesapeake Bay Requirements

No nutrient monitoring requirement is recommended for this facility. Facilities that are designed based on a flow of less than or equal to 2,000 GPD or considered as SRSTPs are exempt from the Bay requirements.

303d Listed Streams:

The receiving stream is listed as impaired for recreational uses. There is a final TMDL for the Conodoguinet Watershed, but there is not an applicable WLA that would affect this permit.

Anti-Degradation Requirements

The discharge is to non-special protection waters/watershed. No HQ/EV waters are impacted by this discharge. The effluent limit for this discharge have been developed to ensure that existing in-stream water uses and the level of water quality necessary to protect the existing uses are maintained and protected.

Class A Wild Trout Streams

No Class A Wild Trout Fishery is impacted by this discharge.

Approve	Deny	Signatures	Date
X		<i>Jared Lescavage</i> Jared Lescavage / Project Manager	February 11, 2022
x		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	02/14/2022

Summary of Review

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.

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0005</u>
Latitude	<u>40° 3' 4.87"</u>	Longitude	<u>-77° 35' 24.95"</u>
Quad Name	_____	Quad Code	_____
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Muddy Run (WWF, MF)</u>	Stream Code	<u>10668</u>
NHD Com ID	<u>56410063</u>	RMI	<u>0.9100</u>
Drainage Area	<u>0.0564 mi</u>	Yield (cfs/mi ²)	_____
Q ₇₋₁₀ Flow (cfs)	<u>0.0136</u>	Q ₇₋₁₀ Basis	<u>StreamStats</u>
Elevation (ft)	_____	Slope (ft/ft)	_____
Watershed No.	<u>7-B</u>	Chapter 93 Class.	<u>WWF, MF</u>
Existing Use	_____	Existing Use Qualifier	_____
Exceptions to Use	_____	Exceptions to Criteria	_____
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>Pathogens</u>		
Source(s) of Impairment	<u>Unknown</u>		
TMDL Status	<u>Final</u>	Name	<u>Conodoguinet Creek Watershed</u>
Background/Ambient Data		Data Source	
pH (SU)	_____	_____	
Temperature (°F)	_____	_____	
Hardness (mg/L)	_____	_____	
Other:	_____	_____	
Nearest Downstream Public Water Supply Intake	<u>CARLISLE WATER TRMT PLT</u>		
PWS Waters	<u>Conodoguinet Creek</u>	Flow at Intake (cfs)	_____
PWS RMI	<u>0.507</u>	Distance from Outfall (mi)	<u>40.1</u>

Changes Since Last Permit Issuance: N/A

Other Comments: N/A

Compliance History	
Summary of DMRs:	N/A
Summary of Inspections:	N/A

Other Comments: **None**

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	Daily Maximum	Maximum	Instant. Maximum		
Flow (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	XXX	5.0 Annl Avg	9.0 Annl Avg	XXX	1/year	Grab
BOD5	XXX	XXX	XXX	10.0 Annl Avg	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 Annl Avg	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001

Other Comments: None