

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0221023
APS ID 1045371
Authorization ID 1365100

Applicant, Facility and Project Information

Applicant Name	<u>Christopher S Arford</u>	Facility Name	<u>Christopher S Arford SRSTP</u>
Applicant Address	<u>4660 Hatch Run Road</u> <u>Warren, PA 16365-8154</u>	Facility Address	<u>4660 Hatch Run Road</u> <u>Warren, PA 16365-8154</u>
Applicant Contact	<u>Christopher Arford</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 723-3835</u>	Facility Phone	<u></u>
Applicant E Mail	<u>arfman102@hotmail.com</u>	Facility E Mail	<u></u>
Client ID	<u>215151</u>	Site ID	<u>244461</u>
Municipality	<u>Glade Township</u>	County	<u>Warren</u>
SIC Code	<u>8811</u>	SIC Code	<u>4952</u>
SIC Description	<u>Services - Private Households</u>	SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>
Application Received	<u>July 30, 2021</u>	WQM Required	<u>Yes – present facilities are adequate</u>
Application Accepted	<u>August 26, 2021</u>	WQM App. No.	<u>6293402-T1</u>
Project Description	<u>.Treated sewage discharge NPDES permit renewal.</u>		

Summary of Review

In compliance as of May 27, 2015. System was pumped on July 15, 2021.

Treatment is 1 000-gallon septic tank, gravity dosed 400-square-foot subsurface sand filter, dry chlorination with a 200-gallon contact tank.

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		<i>William H. Mentzer</i> William H. Mentzer, P.E. Environmental Engineering Specialist	August 1, 2022
X		Vacant Environmental Engineer Manager	Okay to Draft JCD 8/8/2022

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>0.0004</u>
Latitude DP	<u>41° 53' 18.00"</u>	Longitude DP	<u>-79° 4' 12.00"</u>
Latitude NHD	<u>41° 53' 21.44"</u>	Longitude NHD	<u>-79° 4' 11.43"</u>
Quad Name	<u>Scandia</u>	Quad Code	<u>0313</u>
Wastewater Description:	<u>Treated single residence domestic wastes</u>		
Receiving Waters	<u>Un-named trib to Hatch Run</u>	Stream Code	<u>unknown</u>
NHD Com ID	<u>129447017</u>	RMI	<u>0.09</u>
Drainage Area	<u>0.08 (54.2 acres)</u>	Yield (cfs/mi ²)	<u>0</u>
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Q ₇₋₁₀ Basis	<u>Dry stream</u>
Elevation (ft)	<u>1762.86</u>	Slope (ft/ft)	<u>0.05411</u>
Watershed No.	<u>16-B</u>	Chapter 93 Class.	<u>CWF</u>
Existing Use	<u>statewide</u>	Existing Use Qualifier	<u>none</u>
Exceptions to Use	<u>none</u>	Exceptions to Criteria	<u>none</u>
Comments	<u>Intermittent stream confluence at Node RMI 0.61</u>		
Assessment Status	<u>Attaining Use(s)</u>		
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	<u>Aqua American (Emlenton Water Company)</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>1250-cfs</u>
PWS RMI	<u>90.57</u>	Distance from Outfall (mi)	<u>101.36</u>

Changes Since Last Permit Issuance: none

Other Comments: no impairments are expected. Intake stream flow is upstream of the intake at Franklin

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
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001 after disinfection