

Application Type Renewal
Facility Type Non-Municipal
Major / Minor Minor

**NPDES PERMIT FACT SHEET
INDIVIDUAL SEWAGE**

Application No. PA0264326
APS ID 1031472
Authorization ID 1341636

Applicant and Facility Information

Applicant Name	<u>Shawn & Toni Nadolsky</u>	Facility Name	<u>Shawn & Toni Nadolsky SRSTP</u>
Applicant Address	<u>873 Mark Hanna Road</u> <u>Ashville, PA 16613-8615</u>	Facility Address	<u>873 Mark Hanna Road</u> <u>Ashville, PA 16613-8615</u>
Applicant Contact	<u>Shawn Nadolsky</u>	Facility Contact	<u>Shawn Nadolsky</u>
Applicant Phone	<u>(814) 660-0044</u>	Facility Phone	<u>(814) 660-0044</u>
Client ID	<u>322046</u>	Site ID	<u>810445</u>
Ch 94 Load Status	<u>Not Overloaded</u>	Municipality	<u>Gallitzin Borough</u>
Connection Status	<u>No Limitations</u>	County	<u>Cambria</u>
Date Application Received	<u>January 27, 2021</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>Not Applicable</u>	If No, Reason	<u></u>
Purpose of Application	<u>Renew NPDES permit for a SRSTP.</u>		

Summary of Review

This application is for the renewal of a single residence sewage treatment plant (SRSTP) NPDES permit. The facility consists of a 1,250 gallon septic tank, Ecoflow STB-650 peat filter, chlorinator that uses tablets, chlorine contact tank and de-chlorinator that uses tablets. The average daily flow is 0.0004 mgd (400 gpd).

The facility discharges to Tributary 26529 to Clearfield Creek which is designated as CWF, MF and is not impaired. The creek is part of the Susquehanna watershed and the Chesapeake Bay Watershed. Clearfield Creek has a final TMDL for metals (Fe, MN, Al) and the impairments appear to be from acid mine drainage. This facility does not have a wasteload allocation as part of the TMDL. Chesapeake Phase 3 Watershed Implementation Plan (WIP) separates discharges into four categories and this facility falls into the non-significant discharger as the facility discharges less than 0.4 mgd. Cap loads are not established in non-significant sources and no Wasteload Allocation (WLA) is assigned to this facility.

An Open Violations report was run on 7/22/2021 for the PF Other ID and the Client id and no open violations were found.

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		Harmonie Hawley, PhD, PE / Environmental Engineering Specialist /s/	July 28, 2021
X		Pravin C. Patel, P.E. / Environmental Engineer Manager /s/	07/28/2021

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude	<u>40° 33' 8.99"</u>	Longitude	<u>-78° 32' 25.07"</u>
Quad Name	<u>Ashville</u>	Quad Code	<u>1417</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Clearfield Creek (CWF, MF)</u>	Stream Code	<u>26529</u>
NHD Com ID	<u>61838483</u>	RMI	<u>0.2800</u>
Drainage Area	<u>1.42</u>	Yield (cfs/mi ²)	<u>0.07</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.104</u>	Q ₇₋₁₀ Basis	<u>PA StreamStats</u>
Elevation (ft)	<u>2166</u>	Slope (ft/ft)	<u>N/A</u>
Watershed No.	<u>8-C</u>	Chapter 93 Class.	<u>CWF, MF</u>
Existing Use	<u>Aquatic life</u>	Existing Use Qualifier	<u>Not Applicable</u>
Exceptions to Use	<u>None</u>	Exceptions to Criteria	<u>Not Applicable</u>
Assessment Status	<u>Attaining Use(s)</u>		
TMDL Status	<u>Final</u>	Name	<u>Clearfield Creek</u>
Background/Ambient Data		Data Source	
pH (SU)	<u>N/A</u>		<u>Not Applicable</u>
Temperature (°F)	<u>N/A</u>		<u>Not Applicable</u>
Hardness (mg/L)	<u>N/A</u>		<u>Not Applicable</u>
Other:	<u>N/A</u>		<u>Not Applicable</u>
Nearest Downstream Public Water Supply Intake	<u>Shawville Power Plant</u>		
PWS Waters	<u>West Branch Susquehanna River</u>	Flow at Intake (cfs)	<u>Not Applicable</u>
PWS RMI	<u>Not Applicable</u>	Distance from Outfall (mi)	<u>Not Applicable</u>

Changes Since Last Permit Issuance: None

Other Comments: The information on the nearest public water supply was taken from the 2016 Fact Sheet for this facility.

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 Inst Min	XXX	9.0 Daily Max	XXX	1/year	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	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001

Other Comments: These parameters are the same as the limitations from the existing permit and are in accordance with DEP Standard Operating Procedures.