

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0264725  
APS ID 1040120  
Authorization ID 1356649

**Applicant, Facility and Project Information**

Applicant Name	<u>Richard A. Edwards</u>	Facility Name	<u>Rick Edwards SRSTP</u>
Applicant Address	<u>476 Methodist Road</u> <u>Greenville, PA 16125-9742</u>	Facility Address	<u>476 Methodist Road</u> <u>Greenville, PA 16125-9742</u>
Applicant Contact	<u>Richard Edwards</u>	Facility Contact	<u>Richard Edwards</u>
Applicant Phone	<u>(724) 967-5260</u>	Facility Phone	<u>(724) 967-5260</u>
Client ID	<u>330359</u>	Site ID	<u>816935</u>
SIC Code	<u>8800</u>	Municipality	<u>Hempfield Township</u>
SIC Description	<u>Private Households</u>	County	<u>Mercer</u>
Date Application Received	<u>May 25, 2021</u>	WQM Required	<u>-</u>
Date Application Accepted	<u>June 4, 2021</u>	WQM App. No.	<u>-</u>
Project Description	<u>Single Residence Sewage Treatment Plant.</u>		

**Summary of Review**

The application involves the renewal of an Individual NPDES permit for a 3-bedroom home with a design flow of 400 gpd.

Planning was approved on August 1, 2016.

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. 4316406) a Norweco Singulair Bio-Kinetic Aerobic unit (Model 960-500/600 GPD), Norweco hydro-kinetic biofilm reactor with a dedicated tablet chlorinator/500-gallon chlorine contact chamber.

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 (330359) as of 7/19/2022.

Approve	Deny	Signatures	Date
X		Jon F. Bucha Jonathan F. Bucha / Project Manager	July 19, 2022
X		Adam J. Pesek for Justin C. Dickey, P.E. / Environmental Engineer Manager	July 20, 2022

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>41° 23' 17"</u>	Longitude	<u>-80° 21' 11"</u>
Quad Name	<u>Greenville East</u>	Quad Code	<u>03021</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Mathay Run (WWF)</u>	Stream Code	<u>36162</u>
NHD Com ID	<u>130027106</u>	RMI	<u>1.32</u>
Drainage Area	_____	Yield (cfs/mi <sup>2</sup> )	_____
Q <sub>7-10</sub> Flow (cfs)	_____	Q <sub>7-10</sub> Basis	_____
Elevation (ft)	<u>1146</u>	Slope (ft/ft)	_____
Watershed No.	<u>20-A</u>	Chapter 93 Class.	<u>WWF</u>
Existing Use	_____	Existing Use Qualifier	_____
Exceptions to Use	_____	Exceptions to Criteria	_____
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 _____			
PWS Waters	_____	Flow at Intake (cfs)	_____
PWS RMI	_____	Distance from Outfall (mi)	_____

Changes Since Last Permit Issuance: None

Other Comments: This treatment unit is capable of meeting effluent requirements.

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.

<b>Compliance History</b>	
<b>Summary of DMRs:</b>	AMRs being submitted annually. Effluent samples are within NPDES limitations.
<b>Summary of Inspections:</b>	Inspections are conducted each year by Joseph L. Micsky. No violations have been noted, and the treatment system is well maintained.

**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) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> 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	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 after disinfection.

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for BOD5, Total Suspended Solids, and Fecal Coliform are BPJ-based on the Department's "Small Flow Treatment Facilities Manual." The limits for pH are technology-based on Chapter 93.7 and the monitoring frequency has been established as "upon request" due to WWF stream designation.

### Attachment A – eMAP Stream Designation

The screenshot displays an aerial map with a blue stream line. A popup window titled "Designated Use Streams (1 of 3)" is open, showing the following details:

- Designated Use Gen ID: 47297
- GNIS Name: Mathay Run
- GNIS ID: 01199122
- ReachCode: 05030102000262
- COMID: 130027106
- Length Miles: 2.388
- Map Symbology: WWF
- Length Miles: 2.388
- Designated Use: 12
- DES Use ID: 8
- Use Description: WWF(WARM WATER FISHES)
- Migratory\_Fish: N
- HUC: 05030102
- Basin: N
- Basin Narrative: Null
- Segment Narrative: Null
- Evaluation Date: Null
- Last Edit Date: 10/4/2006 10:30:07 AM

A "Zoom to" link is visible at the bottom of the popup. To the right of the map, a coordinate input form is shown with the following values:

	Degrees	Minutes	Seconds
Latitude:	41	23	17
Longitude:	-80	21	11

Buttons for "Locate" and "Close" are present below the form. The map includes an Esri logo and "POWERED BY esri" text in the bottom right corner.