

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0265535  
APS ID 1094243  
Authorization ID 1449864

**Applicant, Facility and Project Information**

|                           |   |                  |  |
|---------------------------|---|------------------|--|
| Applicant Name            | <u>Mary Peace</u>   | Facility Name    | <u>Mary Peace SRSTP</u>                                    |
| Applicant Address         | <u>302 Scranton Hollow Road</u><br><u>Warren, PA 16365</u>                | Facility Address | <u>302 Scranton Hollow Road</u><br><u>Warren, PA 16365</u> |
| Applicant Contact         | <u>Mary Peace</u>   | Facility Contact | <u></u>  |
| Applicant Phone           | <u>(814) 730-4296</u>   | Facility Phone   | <u></u>  |
| Applicant Email           | <u>kprace2@icloud.com</u>   |                  | <u></u>  |
| Client ID                 | <u>339520</u>   | Site ID          | <u>825689</u>  |
| SIC Code                  | <u>4952,8800</u>  | Municipality     | <u>Farmington Township</u>                                 |
| SIC Description           | <u>Private Households, Trans. &amp; Utilities -<br/>Sewerage Systems</u>  | County           | <u>Warren</u>  |
| Date Application Received | <u>July 3, 2023</u>   | WQM Required     | <u>Issued</u>  |
| Date Application Accepted | <u>August 15, 2023</u>  | WQM App. No.     | <u>6217416</u>   |
| Project Description       | <u>Renewal NPDES Permit for a Single Residence Sewage Treatment Plant</u> |                  |  |

**Summary of Review**

Renewal NPDES Permit for an SRSTP consists of: NORWECO aerobic unit with Bio-Film Reactor polishing. Salcor UV radiation disinfection and pumping to Mud Run.

Act 14 – Proof of Notification was submitted and received.

SPECIAL CONDITIONS: NONE

The EPA waiver is in effect.

There are NO open violations in WMS for the subject Client ID (339520) as of August 17, 2023 [9/25/2023 CWY](#)

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       |      | Aeshah Shameseldin<br>Aeshah Shameseldin / Civil Engineer Trainee       | August 17, 2023 |
| X       |      | Chad W. Yurisc<br>Chad W. Yurisc, P.E. / Environmental Engineer Manager | 9/25/2023       |

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>41° 54' 35.14"</u>                     | Longitude                    | <u>-79° 14' 13.57"</u> |
| Quad Name  | <u>Russell</u>                            | Quad Code                    | <u>41079H2</u>         |
| Wastewater Description: <u>Sewage Effluent</u>           |   |                              |                        |
| Receiving Waters   | <u>Mud Run (CWF)</u>                      | Stream Code                  | <u>56320</u>           |
| NHD Com ID   | <u>129446796</u>                          | RMI                          | <u>0.8600</u>          |
| Drainage Area  | <u>5.17</u>                               | Yield (cfs/mi <sup>2</sup> ) | <u>0.1 (Default)</u>   |
| Q <sub>7-10</sub> Flow (cfs)                             | <u>0.517</u>                              | Q <sub>7-10</sub> Basis      | <u>StreamStats</u>     |
| Elevation (ft)   | <u>1408 (Approximately)</u>               | Slope (ft/ft)                | <u>---</u>             |
| Watershed No.  | <u>16-B</u>                               | Chapter 93 Class.            | <u>CWF</u>             |
| Existing Use   | <u>---</u>                                | Existing Use Qualifier       | <u>---</u>             |
| Exceptions to Use  | <u>---</u>                                | Exceptions to Criteria       | <u>---</u>             |
| Assessment Status  | <u>Attaining Use(s)</u>                   |                              |                        |
| Cause(s) of Impairment                                   | <u>---</u>                                |                              |                        |
| Source(s) of Impairment                                  | <u>---</u>                                |                              |                        |
| TMDL Status  | <u>---</u>                                | Name                         | <u>---</u>             |
| Background/Ambient Data                                  |   | Data Source                  |                        |
| pH (SU)  | <u>7</u>                                  | Default                      |                        |
| Temperature (°F)   | <u>20</u>                                 | Default                      |                        |
| Hardness (mg/L)  | <u>100</u>                                | Default                      |                        |
| Other:   | <u></u>                                   |                              |                        |
| Nearest Downstream Public Water Supply Intake            | <u>Aqua Pennsylvania, Inc. - Emlenton</u> |                              |                        |
| PWS Waters   | <u>Allegheny River</u>                    | Flow at Intake (cfs)         | <u>1376</u>            |
| PWS RMI  | <u>90</u>                                 | Distance from Outfall (mi)   | <u>---</u>             |

Changes Since Last Permit Issuance: None.

Other Comments: No AMRs on file.

**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<br>Inst Min       | XXX            | XXX     | 9.0              | Upon Request                                 | 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 are BPJ-based on the Department’s “Small Flow Treatment Facilities Manual.” Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7.

Outfall Location - eMap with Aerial Imagery

The screenshot shows the Pennsylvania eMapPA web application interface. At the top, there is a header with the Pennsylvania Department of Environmental Protection logo and navigation links for PA State Agencies, Online Services, and Governor/Secretary information. The main content area is divided into a left-hand legend and a central map area.

**Legend:**

- Regulated Facilities and Related Information
- Streams and Water Resources
  - Water Quality
    - Existing Use Streams
      - Cold Water Fish
      - Exceptional Value
      - High Quality
      - Trout Stocking
      - Warm Water Fish
      - Overlap
    - Designated Use Streams
      - Cold Water Fish
      - Exceptional Value
      - High Quality
      - Trout Stocking
      - Warm Water Fish
      - Overlap
      - Missing from CH93
  - Boundaries
    - County Boundaries
    - Municipalities

**Map Area:**

The map displays aerial imagery with overlaid stream data. A popup window titled "Designated Use Streams (1 of 4)" provides the following details for a selected stream:

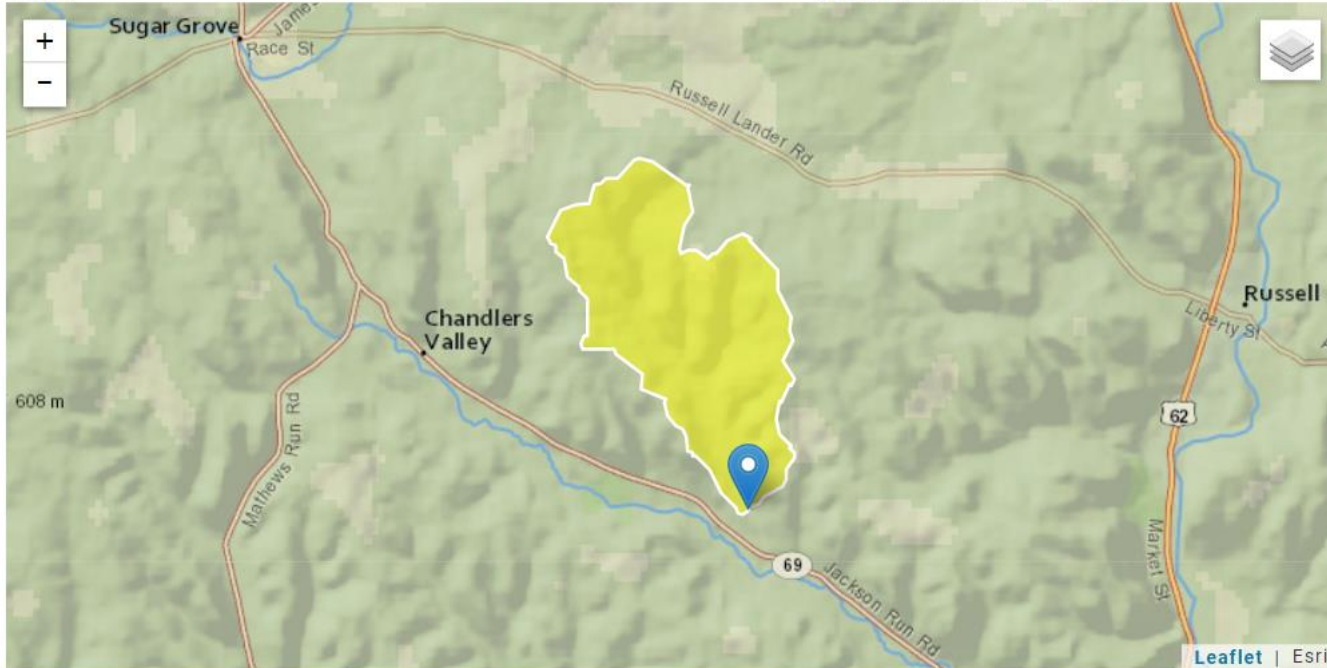
- Designated Use Gen ID: 51654
- GNIS Name: Mud Run
- GNIS ID: 01198096
- ReachCode: 05010002000154
- COMID: 129446796
- Length Miles: 1.667
- Map Symbology: CWF
- Length Miles: 1.667
- Designated Use: 1
- DES Use ID: 1
- Use Description: CWF(COLD WATER FISHES)
- Migratory\_Fish: N
- HUC: 05010002
- Basin: N
- Basin Narrative: Null
- Segment Narrative: Null
- Evaluation Date: Null
- Last Edit Date: Null
- Zoom to

Additional map features include a "Locate Latitude and Longitude" dialog box with input fields for Degrees, Minutes, and Seconds for both Latitude (41, 54, 35.14) and Longitude (-79, 14, 13.57). The map also includes a scale bar (0 to 0.4 miles) and a "Powered by Esri" logo.

**Drainage Area Location – StreamStats with Aerial Imagery**

StreamStats Report

Region ID: PA  
Workspace ID: PA20230815173530821000  
Clicked Point (Latitude, Longitude): 41.90986, -79.23726  
Time: 2023-08-15 13:35:52 -0400



+ Collapse All

> Basin Characteristics

| Parameter Code | Parameter Description                   | Value | Unit         |
|----------------|---|-------|--------------|
| DRNAREA        | Area that drains to a point on a stream | 5.17  | square miles |