

Application Type New  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0290963  
APS ID 1067743  
Authorization ID 1403711

**Applicant, Facility and Project Information**

|                           |  |                  |  |
|---------------------------|--|------------------|--|
| Applicant Name            | <u>Fannie Mae</u>  | Facility Name    | <u>Fannie Mae SRSTP</u>  |
| Applicant Address         | <u>3900 Wisconsin Avenue Nw</u><br><u>Washington, DC 20016-2806</u>  | Facility Address | <u>1011 Township Line Road</u><br><u>Seneca, PA 16346-3828</u> |
| Applicant Contact         | <u>Chrissy Southworth</u>  | Facility Contact | <u></u>  |
| Applicant Phone           | <u>(214) 242-8172</u>  | Facility Phone   | <u></u>  |
| Applicant E Mail          | <u>chrissy_southworth@fanniema.com</u>   | Facility E Mail  | <u></u>  |
| Client ID                 | <u>243576</u>  | Site ID          | <u>854574</u>  |
| Municipality              | <u>Cranberry Township</u>  | County           | <u>Venango</u>   |
| SIC Code                  | <u>8800</u>  | SIC Code         | <u>4952</u>  |
| SIC Description           | <u>Private Households</u>  | SIC Description  | <u>Trans. &amp; Utilities - Sewerage Systems</u>               |
| Date Application Received | <u>July 11, 2022</u>   | WQM Required     | <u>pending</u>   |
| Date Application Accepted | <u>July 28, 2022</u>   | WQM App. No.     | <u>6122404</u>   |
| Project Description       | <u>A new treated sewage discharge from a proposed failed on-lot sewage treatment facility replacement.</u> |                  |  |

**Summary of Review**

No violations listed. Design is 1.1-PPD BOD5 and 400-GPD based on three bedrooms.

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       |      | <b>William H. Mentzer</b><br>William H. Mentzer, P.E.<br>Environmental Engineering Specialist | July 28, 2022  |
| X       |      | Justin C. Dickey<br>Justin C. Dickey, P.E.<br>Environmental Engineer Manager                  | August 1, 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° 23' 53.70"</u>   | Longitude DP                 | <u>-79° 36' 15.11"</u> |
| Latitude NHD  | <u>41° 23' 0.37"</u>  | Longitude NHD                | <u>-79° 36' 13.85"</u> |
| Quad Name   | <u>President</u>  | Quad Code                    | <u>0709</u>            |
| Wastewater Description: <u>Treated single residence domestic wastes</u> |   |                              |                        |
| Receiving Waters  | <u>Unnamed Tributary to Wolf Branch</u>   | Stream Code                  | <u>unknown</u>         |
| NHD Com ID  | <u>100476759</u>  | RMI                          | <u>00.13</u>           |
| Drainage Area   | <u>0.08 square mile 49.4 acres</u>  | Yield (cfs/mi <sup>2</sup> ) | <u>0</u>               |
| Q <sub>7-10</sub> Flow (cfs)  | <u>0</u>  | Q <sub>7-10</sub> Basis      | <u>Dry stream</u>      |
| Elevation (ft)  | <u>1511.60</u>  | Slope (ft/ft)                | <u></u>                |
| Watershed No.   | <u>16-E</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>Confluence at tributary 34753 RMI 0.27. Confluence drainage 252.5 acres 0.39 square miles<br/>Perennial stream at Wolf Branch 54730 RMI 3.40</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></u>   |                              | <u></u>                |
| Temperature (°F)  | <u></u>   |                              | <u></u>                |
| Hardness (mg/L)   | <u></u>   |                              | <u></u>                |
| Other:  | <u></u>   |                              | <u></u>                |
| Nearest Downstream Public Water Supply Intake                           | <u>Aqua PA Emlenton</u>   |                              |                        |
| PWS Waters  | <u>Allegheny River</u>  | Flow at Intake (cfs)         | <u>NA</u>              |
| PWS RMI   | <u>90.57</u>  | Distance from Outfall (mi)   | <u>51.96</u>           |

Changes Since Last Permit Issuance: NA

Other Comments: NA

**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><br>Measurement<br>Frequency | Required<br>Sample<br>Type |
|                             | Average<br>Monthly                  | Average<br>Weekly | Minimum               | Annual<br>Average | Maximum | Instant.<br>Maximum |  |                            |
| Flow (GPD)                  | Report<br>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     | 20.0                | 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

Other Comments: See AMR for UV radiation disinfection requirements