

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0239364
APS ID 1021239
Authorization ID 1323018

Applicant, Facility and Project Information

| | | | |
|---------------------------|---|------------------|---|
| Applicant Name | <u>Gail A & Richard H Cannon</u> | Facility Name | <u>Gail A & Richard H Cannon SRSTP</u> |
| Applicant Address | <u>2482 W Washington Street</u> <u>Bradford, PA 16701-2415</u> | Facility Address | <u>2482 W Washington Street</u> <u>Bradford, PA 16701-2415</u> |
| Applicant Contact | <u>Richard Cannon</u> | Facility Contact | <u>Richard Cannon</u> |
| Applicant Phone | <u>(814) 368-5090</u> | Facility Phone | <u>(814) 368-5090</u> |
| Client ID | <u>209694</u> | Site ID | <u>606943</u> |
| SIC Code | <u>8800</u> | Municipality | <u>Crydon Township</u> |
| SIC Description | <u>Private Households</u> | County | <u>McKean</u> |
| Date Application Received | <u>July 31, 2020</u> | WQM Required | <u>No</u> |
| Date Application Accepted | <u>September 7, 2021</u> | WQM App. No. | <u>-</u> |
| Project Description | <u>A renewal NPDES permit for an existing SRSTP.</u> | | |

Summary of Review

Mr. Richard Cannon indicated that he would like all permit documents sent to him via hardcopy rather than electronically on 9/7/2021.

Act 14 – Proof of notification was submitted and received.

The septic tank was pumped on 10/5/2020.

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 consist of (WQM Permit No. 4203405) A 1,000 gallon dual compartment septic tank with effluent filter, a 500 gallon dosing tank, a 680 square foot (20' x 34') subsurface sand filter, tablet chlorine disinfection with a 300 gallon contact tank, and a sodium sulfite tablet dechlorinator.

There are no open violations in WMS for the subject client ID (209694) as of 9/7/2021.

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.

| Approve | Deny | Signatures | Date |
|---------|------|---|--------------------|
| X | | Jon F. Bucha Jonathan F. Bucha / Civil Engineer General | September 8, 2021 |
| X | | Justin C. Dickey Justin C. Dickey, P.E. / Environmental Engineer Manager | September 10, 2021 |

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>.0004</u> |
| Latitude | <u>41° 57' 43.8"</u> | Longitude | <u>-78° 48' 15.6"</u> |
| Quad Name | <u>Stickney</u> | Quad Code | <u>0315</u> |
| Wastewater Description: <u>Sewage Effluent</u> | | | |
| Receiving Waters | <u>Willow Creek (HQ-CWF)</u> | Stream Code | <u>56875</u> |
| NHD Com ID | <u>112366737</u> | RMI | <u>8.6</u> |
| Drainage Area | <u>-</u> | Yield (cfs/mi ²) | <u>-</u> |
| Q ₇₋₁₀ Flow (cfs) | <u>-</u> | Q ₇₋₁₀ Basis | <u>-</u> |
| Elevation (ft) | <u>-</u> | Slope (ft/ft) | <u>-</u> |
| Watershed No. | <u>16-B</u> | Chapter 93 Class. | <u>HQ-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>-</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, Inc - Emlenton</u> | | |
| PWS Waters | <u>Allegheny River</u> | Flow at Intake (cfs) | <u>1376</u> |
| PWS RMI | <u>90.0</u> | Distance from Outfall (mi) | <u>130</u> |

Changes Since Last Permit Issuance: There are no changes from the previous permit renewal.

Other Comments: This SFTF was designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General Permit due to the receiving stream being designated as High Quality.

This treatment system is capable of meeting effluent limits.

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.

| Compliance History | |
|--------------------------------|---|
| Summary of AMRs: | AMRs have been being submitted regularly and indicate this treatment system is meeting the effluent limits and properly maintained. |
| Summary of Inspections: | An inspection occurred on 9/8/2021, where no violations were noted. |

Other Comments: **N/A**

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 | 1/month | Grab |
| TRC | XXX | XXX | XXX | Report Avg Mo | 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.

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for pH are technology-based on Chapter 93.7. The limits for Total Residual Chlorine, BOD5, Total Suspended Solids, and Fecal Coliform are technology-based on Chapter 92a.47.

Attachment A – eMAP Designated Stream Use

