

Application Type New
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0289272
APS ID 1036628
Authorization ID 1350285

Applicant, Facility and Project Information

| | | | |
|----------------------|--|------------------|---|
| Applicant Name | <u>Craig & Mark Counselman</u> | Facility Name | <u>Craig & Mark Counselman SRSTP</u> |
| Applicant Address | <u>7621 Brainard Court</u> <u>Mentor, OH 44060-3968</u> | Facility Address | <u>1240 Butcher Knife Hill Road</u> <u>Pleasantville, PA 16314</u> |
| Applicant Contact | <u>Mark Counselman</u> | Facility Contact | <u></u> |
| Applicant Phone | <u>(440) 336-1519</u> | Facility Phone | <u></u> |
| Applicant E Mail | <u>counselman.mark@gmail.com</u> | Facility E Mail | <u></u> |
| Client ID | <u>362297</u> | Site ID | <u>845173</u> |
| Municipality | <u>Harmony Township</u> | County | <u>Forest</u> |
| SIC Code | <u>8800</u> | SIC Code | <u>4952</u> |
| SIC Description | <u>Private Households</u> | SIC Description | <u>Trans. & Utilities - Sewerage Systems</u> |
| Application Received | <u>March 23, 2021</u> | WQM Required | <u>Yes, pending</u> |
| Application Accepted | <u>April 28, 2021</u> | WQM App. No. | <u>2721402</u> |
| Project Description | <u>New treated sewage discharge</u> | | |

Summary of Review

No violation on file. Proposed is a single residence treated sewage discharge from a 3-bedroom home, cabin, bath house and kitchenette.

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 | | <i>William H. Mentzer</i> William H. Mentzer, P.E. Environmental Engineering Specialist | May 3, 2021 |
| X | | Justin C. Dickey Justin C. Dickey, P.E. Environmental Engineer Manager | May 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>0.0006</u> |
| Latitude DP | <u>41° 36' 59.78"</u> | Longitude DP | <u>-79° 27' 22.55"</u> |
| Latitude NHD | <u>41° 36' 59.78"</u> | Longitude NHD | <u>-79° 27' 22.55"</u> |
| Quad Name | <u>West Hickory Creek</u> | Quad Code | <u>0610</u> |
| Wastewater: | <u>Treated single residence domestic wastes</u> | | |
| Receiving Waters | <u>Unnamed tributary West Hickory Creek</u> | Stream Code | <u>unknown</u> |
| NHD Com ID | <u>100472729</u> | RMI | <u>0.11</u> |
| Drainage Area | <u>0.1</u> | Yield (cfs/mi ²) | <u>0</u> |
| Q ₇₋₁₀ Flow (cfs) | <u>0</u> | Q ₇₋₁₀ Basis | <u>Dry stream</u> |
| Elevation (ft) | <u>1305.31</u> | Slope (ft/ft) | <u>0.00011</u> |
| Watershed No. | <u>16-F</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 West Hickory Creek 0.620mile above Fleming Run</u> | | |
| 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 | <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>72.67</u> |

Changes Since Last Permit Issuance: NA

Other Comments: No downstream water use impairment is expected.

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 | 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