

Application Type Renewal
Facility Type Municipal
Major / Minor Minor

NPDES PERMIT FACT SHEET INDIVIDUAL SEWAGE

Application No. PA0218782
APS ID 1126990
Authorization ID 1508754

Applicant and Facility Information

| | | | |
|---------------------------|--|------------------|--|
| Applicant Name | <u>Menallen Township Fayette County</u> | Facility Name | <u>Rock Works STP</u> |
| Applicant Address | <u>427 Searights Herbert Road Suite 1</u> <u>Uniontown, PA 15401-5137</u> | Facility Address | <u>Unknown</u> <u>Uniontown, PA 15401</u> |
| Applicant Contact | <u>Randy Brown</u> | Facility Contact | <u>Ricky Ditmore</u> |
| Applicant Phone | <u>(724) 245-7108</u> | Facility Phone | <u>724-245-7108</u> |
| Client ID | <u>43759</u> | Site ID | <u>544076</u> |
| Ch 94 Load Status | <u>Existing Organic Overload</u> | Municipality | <u>Menallen Township</u> |
| Connection Status | <u>Dept. Imposed Connection Prohibitions</u> | County | <u>Fayette</u> |
| Date Application Received | <u>December 6, 2024</u> | EPA Waived? | <u>Yes</u> |
| Date Application Accepted | <u></u> | If No, Reason | <u></u> |
| Purpose of Application | <u>Renewal of a NPDES permit</u> | | |

Summary of Review

The permittee has applied for a renewal of NPDES Permit No. PA0218782 on December 6, 2024. NPDES Permit No. PA0218782 was previously issued by the PA Department of Environmental Protection (DEP) on July 1, 2020 and expired on June 30, 2025.

Sewage from this facility is treated through SBRs, aerobic digestion, and UV disinfection.

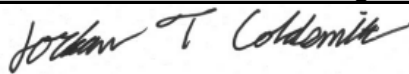

The applicant is currently enrolled in and will continue to use eDMR.

The applicant has complied with Act 14 Notifications and no comments were received.

Draft Permit issuance is recommended.

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 | |  Jordan Coldsmith / Environmental Engineering Specialist | August 11, 2025 |
| X | |  Mahbuba Iasmin, Ph.D., P.E. / Environmental Engineering Manager | October 8, 2025 |

| Discharge, Receiving Waters and Water Supply Information | | | |
|--|---|----------------------------|-----------------|
| Outfall No. | 001 | Design Flow (MGD) | .175 |
| Latitude | 39° 56' 33" | Longitude | -79° 50' 2" |
| Quad Name | New Salem | Quad Code | 39079H7 |
| Wastewater Description: Sewage Effluent | | | |
| Receiving Waters | Saltlick Run (WWF) | Stream Code | 40203 |
| NHD Com ID | 99414576 | RMI | 1.01 |
| Drainage Area | 3.95 | Yield (cfs/mi²) | 0.01 |
| Q ₇₋₁₀ Flow (cfs) | 0.0434 | Q ₇₋₁₀ Basis | USGS StreamStat |
| Elevation (ft) | 1137 | Slope (ft/ft) | |
| Watershed No. | 19-C | Chapter 93 Class. | WWF |
| Existing Use | | Existing Use Qualifier | |
| Exceptions to Use | | Exceptions to Criteria | |
| Assessment Status | Impaired | | |
| Cause(s) of Impairment | SILTATION, SILTATION, SILTATION | | |
| Source(s) of Impairment | AGRICULTURE, EROSION FROM DERELICT LAND (BARREN LAND), HIGHWAY/ROAD/BRIDGE RUNOFF (NON-CONSTRUCTION RELATED) | | |
| TMDL Status | | Name | |
| Background/Ambient Data | | Data Source | |
| pH (SU) | | | |
| Temperature (°F) | | | |
| Hardness (mg/L) | | | |
| Other: | | | |
| Nearest Downstream Public Water Supply Intake | NEWELL MUNI AUTH | | |
| PWS Waters | Monongahela River (WWF) | Flow at Intake (cfs) | |
| PWS RMI | | Distance from Outfall (mi) | 21.3 |

Changes Since Last Permit Issuance: none

Other Comments:

The discharge is to Saltlick Run which flows into the Saltlick Run Watershed that has a Final TMDL and is impaired by metals and pH. Abandoned mine drainage is source of such impairment. No WLAs have been developed for this sewage discharge. There is currently no application data to show the concentration values for total aluminum, total iron, and total manganese. Monitoring requirements for these pollutants will be placed on this facility for this permit cycle and these pollutants will be re-evaluated during the next permit renewal cycle.

| Treatment Facility Summary | | | | |
|---|----------------------------|---------------------------|---------------------|------------------------|
| Treatment Facility Name: Menallen Township Sewer Authority - Rock Works STP | | | | |
| WQM Permit No. | Issuance Date | | | |
| 2602403 | January 15, 2003 | | | |
| | | | | |
| Waste Type | Degree of Treatment | Process Type | Disinfection | Avg Annual Flow (MGD) |
| Sewage | Secondary | Sequencing Batch Reactor | Ultraviolet | 0.086 |
| | | | | |
| Hydraulic Capacity (MGD) | Organic Capacity (lbs/day) | Load Status | Biosolids Treatment | Biosolids Use/Disposal |
| 0.175 | 149 | Existing Organic Overload | Aerobic Digestion | Combination of methods |

Changes Since Last Permit Issuance: None

Other Comments: the current treatment process consists of:

- SBRs
- aerobic digestion
- UV disinfection.

Compliance History

Operations Compliance Check Summary Report

Facility: MENALLEN TWP SEW AUTH - ROCK WORKS STP

NPDES Permit No.: PA0218782

Compliance Review Period: 8/1/20-8/19/25

Inspection Summary:

| INSPECTED DATE | INSP TYPE | AGENCY | INSPECTION RESULT DESC |
|----------------|-----------------------|-------------------------------------|-------------------------|
| 07/03/2025 | Chapter 94 Inspection | PA Dept of Environmental Protection | Administratively Closed |
| 11/10/2021 | Compliance Evaluation | PA Dept of Environmental Protection | No Violations Noted |

Violation Summary:

No violations noted during review period

Open Violations by Client ID:

No open violations for Client ID 43759

Enforcement Summary:

No enforcements executed during review period

Effluent Violation Summary:

| MON PD | PARAMETER | REPORTED VALUE | PERMIT LIMIT | UNIT | STAT BASE CODE | FACILITY COMMENTS |
|--------|----------------|------------------|--------------|------|----------------|-----------------------|
| Sep-24 | Final Effluent | Fecal Coliform | 1355 | 1000 | No./100 ml | Instantaneous Maximum |
| Sep-24 | Final Effluent | Fecal Coliform | 238 | 200 | No./100 ml | Geometric Mean |
| Apr-24 | Final Effluent | Ammonia-Nitrogen | 13.8 | 7.2 | mg/L | Average Monthly |
| Mar-24 | Final Effluent | Ammonia-Nitrogen | 16 | 10 | lbs/day | Average Monthly |
| Mar-24 | Final Effluent | Ammonia-Nitrogen | 19.3 | 7.2 | mg/L | Average Monthly |
| Feb-24 | Final Effluent | Ammonia-Nitrogen | 10.6 | 7.2 | mg/L | Average Monthly |
| Sep-23 | Final Effluent | Fecal Coliform | 233 | 200 | No./100 ml | Geometric Mean |
| Jul-23 | Final Effluent | Fecal Coliform | 1360 | 1000 | No./100 ml | Instantaneous Maximum |
| Jun-23 | Final Effluent | Dissolved Oxygen | 3.9 | 5 | mg/L | Instantaneous Minimum |
| May-23 | Final Effluent | Ammonia-Nitrogen | 7 | 3.5 | lbs/day | Average Monthly |
| May-23 | Final Effluent | Ammonia-Nitrogen | 7.9 | 2.4 | mg/L | Average Monthly |
| Oct-21 | Final Effluent | Ammonia-Nitrogen | 4.1 | 2.4 | mg/L | Average Monthly |

Unauthorized Discharges:

No unauthorized discharges reported in eDMR during review period

Compliance Status: Facility is in general compliance with no open violations or pending enforcements at this time.
Recent effluent exceedances will be addressed at the time of the next Compliance Evaluation Inspection

Completed by: Amanda Illar **Completed date:** 8/19/25

Compliance History

DMR Data for Outfall 001 (from July 1, 2024 to June 30, 2025)

| Parameter | JUN-25 | MAY-25 | APR-25 | MAR-25 | FEB-25 | JAN-25 | DEC-24 | NOV-24 | OCT-24 | SEP-24 | AUG-24 | JUL-24 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Flow (MGD) Average Monthly | 0.087 | 0.115 | 0.11 | 0.0572 | 0.111 | 0.076 | 0.07 | 0.063 | 0.053 | 0.056 | 0.057 | 0.056 |
| Flow (MGD) Daily Maximum | 0.100 | 0.16 | 0.395 | 0.0898 | 0.286 | 0.182 | 0.131 | 0.109 | 0.066 | 0.072 | 0.113 | 0.091 |
| pH (S.U.) Instantaneous Minimum | 6.6 | 6.5 | 6.5 | 6.5 | 6.4 | 6.6 | 6.3 | 6.5 | 6.5 | 6.7 | 6.8 | 6.8 |
| pH (S.U.) Daily Maximum | 7.3 | 7.3 | 7.25 | 7.2 | 7.3 | 7.3 | 7.6 | 8.3 | 7.2 | 7.2 | 7.4 | 7.5 |
| DO (mg/L) Instantaneous Minimum | 5.9 | 5.6 | 5.9 | 6.0 | 6.0 | 5.6 | 7.0 | 6.7 | 5.8 | 5.1 | 5.5 | 5.4 |
| CBOD5 (lbs/day) Average Monthly | < 1.0 | 2.0 | < 2.0 | 2.0 | < 1.3 | < 1.8 | < 1.5 | < 1.0 | < 1.0 | < 0.9 | < 0.9 | < 0.9 |
| CBOD5 (lbs/day) Weekly Average | 2.0 | 4.0 | 3.0 | 4.0 | < 1.6 | < 2.3 | < 1.9 | < 1.3 | 1.3 | < 1.0 | 1.1 | < 1.0 |
| CBOD5 (mg/L) Average Monthly | < 2.5 | 3.1 | < 3.5 | 4.2 | < 2.0 | 3.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| CBOD5 (mg/L) Weekly Average | 3.0 | 3.7 | 6.0 | 7.2 | 2.0 | 4.0 | < 2.0 | < 2.0 | 3.0 | 2.0 | 3.0 | < 5.0 |
| BOD5 (lbs/day) Raw Sewage Influent Average Monthly | 70 | 67 | 55 | 85 | 67 | 93 | 92 | 51 | 81.0 | 44 | 43 | 46 |
| BOD5 (lbs/day) Raw Sewage Influent Daily Maximum | 137 | 96 | 70 | 114 | 103 | 212 | 166 | 72 | 171 | 63 | 58 | 52 |
| BOD5 (mg/L) Raw Sewage Influent Average Monthly | 98 | 98 | 99 | 210 | 111 | 142 | 134 | 108 | 186 | 100 | 98 | 103 |
| TSS (lbs/day) Average Monthly | < 3.0 | < 4.0 | < 3.0 | 2.0 | < 3.2 | < 3.2 | < 3.5 | < 3.2 | < 2.2 | < 2.8 | < 2.3 | < 2.2 |
| TSS (lbs/day) Raw Sewage Influent Average Monthly | 90 | 47 | 77 | 85 | 65 | 112 | 65 | 31 | 87.0 | 16 | 32 | 23 |

NPDES Permit Fact Sheet
Rock Works STP

NPDES Permit No. PA0218782

| | | | | | | | | | | | | |
|---|-------|-------|-------|------|-------|-------|-------|--------|-------|-------|-------|-------|
| TSS (lbs/day) Raw Sewage Influent Daily Maximum | 152 | 91 | 198 | 162 | 90 | 212 | 132 | 64 | 238 | 25 | 60 | 38 |
| TSS (lbs/day) Weekly Average | < 4.0 | < 8.0 | < 5.0 | 3.0 | < 5.0 | < 3.6 | < 4.8 | 5.1 | < 2.4 | 4.8 | 2.5 | < 2.4 |
| TSS (mg/L) Average Monthly | < 5.0 | < 5.0 | < 5.0 | 5.0 | < 5.0 | < 5.0 | < 5.0 | < 7.0 | < 5.0 | < 6.0 | < 5.0 | < 5.0 |
| TSS (mg/L) Raw Sewage Influent Average Monthly | 136 | 93 | 131 | 218 | 108 | 167 | 96 | 65 | 204 | 36 | 74 | 52 |
| TSS (mg/L) Weekly Average | < 5.0 | 6.0 | < 5.0 | 5.0 | < 5.0 | < 5.0 | < 5.0 | 11.0 | 5.0 | 10.0 | 6.0 | < 5.0 |
| Fecal Coliform (No./100 ml) Geometric Mean | < 2.0 | < 17 | 463 | 207 | 140 | 46 | < 2.0 | < 1 | < 3.0 | 238 | 21 | < 2 |
| Fecal Coliform (No./100 ml) Instantaneous Maximum | 10.0 | 113 | 5200 | 1670 | 259 | 1340 | 6.0 | < 1 | 28.0 | 1355 | 158 | 9 |
| UV Transmittance (%) Instantaneous Minimum | 61.2 | 69.3 | 55.0 | 58.6 | 51.0 | 44.0 | 54 | 50 | 46.0 | 57.0 | 62 | 63 |
| Total Nitrogen (mg/L) Daily Maximum | | | | | | | 4.114 | | | | | |
| Ammonia (lbs/day) Average Monthly | < 0.3 | 0.9 | < 0.3 | 1.0 | 0.6 | 0.2 | < 0.3 | < 0.08 | 0.5 | 0.6 | 0.6 | 0.3 |
| Ammonia (mg/L) Average Monthly | < 0.6 | 1.3 | < 0.4 | 2.4 | 0.9 | 0.3 | < 0.4 | < 0.2 | 1.0 | 1.3 | 1.4 | 0.8 |
| Total Phosphorus (mg/L) Daily Maximum | | | | | | | 5.9 | | | | | |

Compliance History

Effluent Violations for Outfall 001, from: August 1, 2024 To: June 30, 2025

| Parameter | Date | SBC | DMR Value | Units | Limit Value | Units |
|----------------|----------|----------|-----------|------------|-------------|------------|
| Fecal Coliform | 09/30/24 | Geo Mean | 238 | No./100 ml | 200 | No./100 ml |
| Fecal Coliform | 09/30/24 | IMAX | 1355 | No./100 ml | 1000 | No./100 ml |

Development of Effluent Limitations

Outfall No. 001
Latitude 39° 56' 33"
Wastewater Description: Sewage Effluent

Design Flow (MGD) .175
Longitude -79° 50' 2"

Technology-Based Limitations

The following technology-based limitations apply, subject to water quality analysis and BPJ where applicable:

| Pollutant | Limit (mg/l) | SBC | Federal Regulation | State Regulation |
|------------------------------|-----------------|-----------------|--------------------|------------------|
| CBOD ₅ | 25 | Average Monthly | 133.102(a)(4)(i) | 92a.47(a)(1) |
| | 40 | Average Weekly | 133.102(a)(4)(ii) | 92a.47(a)(2) |
| Total Suspended Solids | 30 | Average Monthly | 133.102(b)(1) | 92a.47(a)(1) |
| | 45 | Average Weekly | 133.102(b)(2) | 92a.47(a)(2) |
| pH | 6.0 – 9.0 S.U. | Min – Max | 133.102(c) | 95.2(1) |
| Fecal Coliform (5/1 – 9/30) | 200 / 100 ml | Geo Mean | - | 92a.47(a)(4) |
| Fecal Coliform (5/1 – 9/30) | 1,000 / 100 ml | IMAX | - | 92a.47(a)(4) |
| Fecal Coliform (10/1 – 4/30) | 2,000 / 100 ml | Geo Mean | - | 92a.47(a)(5) |
| Fecal Coliform (10/1 – 4/30) | 10,000 / 100 ml | IMAX | - | 92a.47(a)(5) |
| Total Residual Chlorine | 0.5 | Average Monthly | - | 92a.48(b)(2) |

Water Quality-Based Limitations

The discharge was evaluated using WQM7.0 to determine the CBOD₅, ammonia nitrogen, and dissolved oxygen parameters. The model results showed no change in CBOD₅ and DO and more restrictive limits for ammonia-nitrogen.

| Parameter | Limit (mg/l) | SBC | Model |
|-----------------------------------|--------------|-------------------------|-------|
| DO | 5 | Inst Min. | WQM 7 |
| Ammonia-Nitrogen (May 1 – Oct 31) | 2.17 4.34 | Average Monthly IMAX | WQM 7 |
| Ammonia-Nitrogen (Nov 1 – Apr 30) | 3.56 7.12 | Average Monthly IMAX | WQM 7 |
| CBOD ₅ | 25.0 50.0 | Average Monthly IMAX | WQM 7 |

Submitted eDMR data shows that the facility is capable of meeting these new, more restrictive limits for ammonia-nitrogen, therefore, no compliance schedule will be given.

Anti-Backsliding

Section 402(o) of the Clean Water Act (CWA), enacted in the Water Quality Act of 1987, establishes anti-backsliding rules governing two situations. The first situation occurs when a permittee seeks to revise a Technology-Based effluent limitation based on BPJ to reflect a subsequently promulgated effluent guideline which is less stringent. The second situation addressed by Section 402(o) arises when a permittee seeks relaxation of an effluent limitation which is based upon a State treatment standard of water quality standard.

Previous limits can be used pursuant to EPA's anti-backsliding regulation 40 CFR 122.44 (l) Reissued permits. (1) Except as provided in paragraph (l)(2) of this section when a permit is renewed or reissued. Interim effluent limitations, standards or conditions must be at least as stringent as the final effluent limitations, standards, or conditions in the previous permit (unless the circumstances on which the previous permit was based have materially and substantially changed since the time the permit was issued and would constitute cause for permit modification or revocation and reissuance under §122.62). (2) In the case of effluent limitations established on the basis of Section 402(a)(1)(B) of the CWA, a permit may

not be renewed, reissued, or modified on the basis of effluent guidelines promulgated under section 304(b) subsequent to the original issuance of such permit, to contain effluent limitations which are less stringent than the comparable effluent limitations in the previous permit.

No permit limits and/or monitoring requirements have been relaxed in this permit cycle.

Mass Loading Limitations

Per Department SOP "Establishing Effluent Limitations for Individual Sewage Permits" (BCW-PMT-033), mass loading limits will be established for POTWs for CBOD₅, TSS, ammonia nitrogen. For non-municipal sewage facilities, and for toxic pollutants with effluent concentration limits, mass loading limits may be established at the application manager's discretion. Average monthly mass loading limits will be established for CBOD₅, TSS, and ammonia nitrogen. Average weekly mass loading limits will be established for CBOD₅ and TSS. Mass loading limits will be calculated according to the formula below:

$$\text{average annual design flow (MGD)} \times \text{concentration limit} \left(\frac{\text{mg}}{\text{L}} \right) \times 8.34 \text{ (conversion factor)}$$

$$= \text{mass loading limit} \left(\frac{\text{lbs}}{\text{day}} \right)$$

The following mass loading limitations were calculated:

| Parameter | Average Monthly (lbs/day) | Average Weekly (lbs/day) |
|------------------------------------|---------------------------|--------------------------|
| CBOD ₅ | 36.0 | 54.0 |
| TSS | 43.0 | 65.0 |
| Ammonia-Nitrogen Nov 1 - Apr 30 | 5.19 | N/A |
| Ammonia-Nitrogen May 1 - Oct 31 | 3.16 | N/A |

Additional Considerations

Monitoring frequency for the proposed effluent limits are based upon Table 6-3, Self-Monitoring Requirements for Sewage Dischargers, from the Department's "Technical Guidance for the Development and Specification of Effluent Limitations".

Sewage discharges will include monitoring, at a minimum, for *E. Coli*, in new and reissued permits, with a monitoring frequency of 1/quarter for facilities with design flows of ≥ 0.05 and < 1 MGD.

An annual sampling frequency for total phosphorus and total nitrogen will again be imposed per 25 PA Code §92a.61.

Per DEP SOP New and Reissuance Sewage Individual NPDES Permit Applications SOP No. BCW-PMT-002, that for POTWs with design flows greater than 2,000 GPD, non-municipal sewage facilities, and other non-municipal sewage facilities where justified influent BOD₅ and TSS monitoring in the permit using the same frequency and sample type as is used for effluent will be established. The department finds it appropriate to again impose influent BOD₅ and TSS monitoring for this facility,

The discharge is to Saltlick Run which flows into the Saltlick Run Watershed that has a Final TMDL and is impaired by metals and pH. Abandoned mine drainage is source of such impairment. No WLAs have been developed for this sewage discharge. There is currently no application data to show the concentration values for total aluminum, total iron, and total manganese. Monitoring requirements for these pollutants will be placed on this facility for this permit cycle and these pollutants will be re-evaluated during the next permit renewal cycle.

Monitoring is not required for Bromide, Chloride, Sulfate, and TDS, because the effluent concentration of TDS, as reported in the NPDES Permit application, does not exceed 1,000 mg/l.

Total Dissolved Solids (TDS) and its major constituents including sulfate, chloride, and bromide have emerged as pollutants of concern in several major watersheds in the Commonwealth. The conservative nature of these solids allows them to accumulate in surface waters and they may remain a concern even if the immediate downstream public water supply is not directly impacted. Bromide has been linked to formation of disinfection byproducts at increased levels in public water systems. As a consequence of actions associated with Triennial Review 13, the Environmental Quality

Board has directed DEP to collect additional data. Facilities with design flows greater than or equal to 0.1 mgd are required to report at least one sample analyzed for these parameters with the NPDES Permit renewal application.

Per Department SOP "New and Reissuance Sewage Individual NPDES Permit Applications" (BCW-PMT-002) Where ultraviolet (UV) disinfection is used, TRC limits are not applicable, but the limits table(s) in Part A will generally contain, at a minimum, routine monitoring of UV transmittance (%), UV dosage ($\mu\text{Ws}/\text{cm}^2$ or mWs/cm^2 or $\text{mjoules}/\text{cm}^2$) or UV intensity ($\mu\text{W}/\text{cm}^2$ or mW/cm^2) at the same monitoring frequency that would be used for TRC.

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" (386-0400-001), 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 | Weekly Average | Instantaneous Minimum | Average Monthly | Weekly Average | Instant. Maximum | | |
| Flow (MGD) | Report | Report Daily Max | XXX | XXX | XXX | XXX | 1/week | Metered |
| pH (S.U.) | XXX | XXX | 6.0 | XXX | 9.0 Daily Max | XXX | 1/day | Grab |
| DO | XXX | XXX | 5.0 | XXX | XXX | XXX | 1/day | Grab |
| CBOD5 | 36.0 | 54.0 | XXX | 25.0 | 37.5 | 50 | 1/week | 8-Hr Composite |
| BOD5 Raw Sewage Influent | Report | Report Daily Max | XXX | Report | XXX | XXX | 1/week | 8-Hr Composite |
| TSS Raw Sewage Influent | Report | Report Daily Max | XXX | Report | XXX | XXX | 1/week | 8-Hr Composite |
| TSS | 43.0 | 65.0 | XXX | 30.0 | 45.0 | 60 | 1/week | 8-Hr Composite |
| Fecal Coliform (No./100 ml) Oct 1 - Apr 30 | XXX | XXX | XXX | 2000 Geo Mean | XXX | 10000 | 1/week | Grab |
| Fecal Coliform (No./100 ml) May 1 - Sep 30 | XXX | XXX | XXX | 200 Geo Mean | XXX | 1000 | 1/week | Grab |
| E. Coli (No./100 ml) | XXX | XXX | XXX | XXX | XXX | Report | 1/quarter | Grab |
| UV Transmittance (%) | XXX | XXX | Report | XXX | XXX | XXX | 1/day | Measured |
| Total Nitrogen | XXX | XXX | XXX | XXX | Report Daily Max | XXX | 1/year | 8-Hr Composite |
| Ammonia-Nitrogen Nov 1 - Apr 30 | 5.19 | XXX | XXX | 3.56 | XXX | 7.12 | 1/week | 8-Hr Composite |

Outfall 001 , Continued (from 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 | Weekly Average | Instantaneous Minimum | Average Monthly | Weekly Average | Instant. Maximum | | |
| Ammonia-Nitrogen May 1 - Oct 31 | 3.16 | XXX | XXX | 2.17 | XXX | 4.34 | 1/week | 8-Hr Composite |
| Total Phosphorus | XXX | XXX | XXX | XXX | Report Daily Max | XXX | 1/year | 8-Hr Composite |
| Aluminum, Total | XXX | XXX | XXX | Report | XXX | XXX | 1/week | 24-Hr Composite |
| Iron, Total | XXX | XXX | XXX | Report | XXX | XXX | 1/week | 24-Hr Composite |
| Manganese, Total | XXX | XXX | XXX | Report | XXX | XXX | 1/week | 24-Hr Composite |

Compliance Sampling Location: Outfall 001

Other Comments: N/A

Attachment 1
Upstream StreamStat

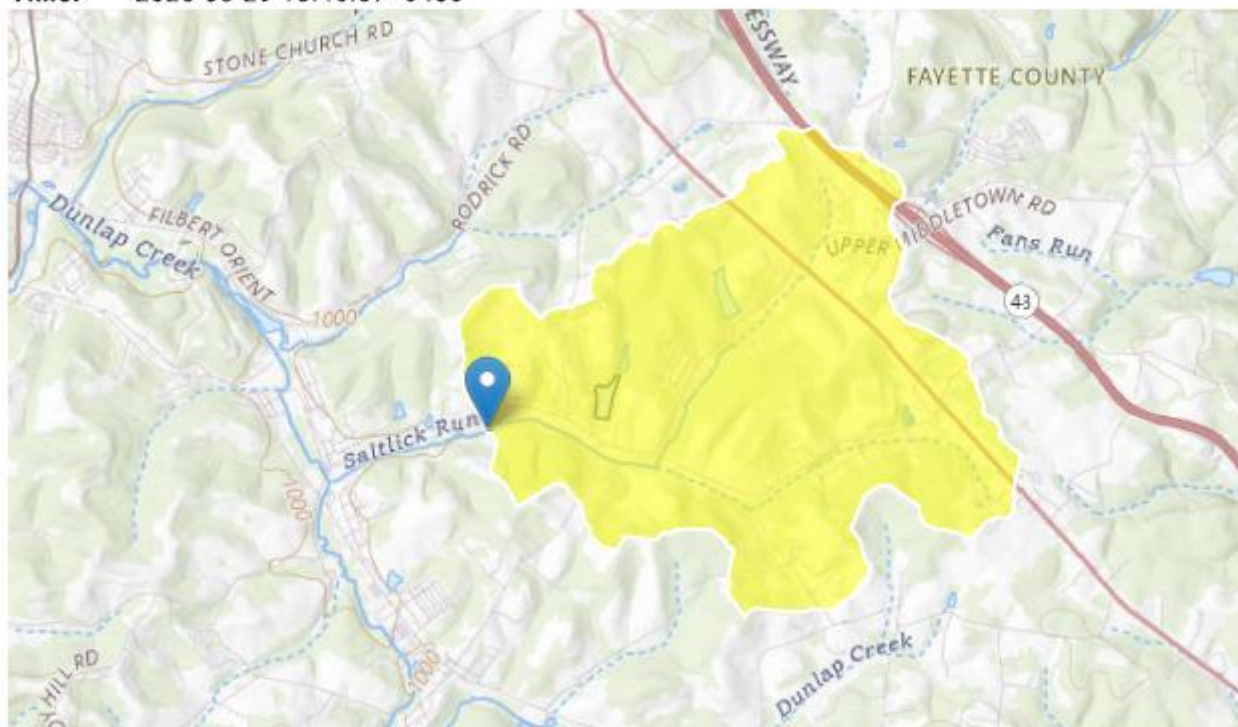
StreamStats Report

Region ID: PA

Workspace ID: PA20250829174635234000

Clicked Point (Latitude, Longitude): 39.94240, -79.83387

Time: 2025-08-29 13:46:57 -0400



Collapse All

➤ Basin Characteristics

| Parameter Code | Parameter Description | Value | Unit |
|----------------|---|-------|--------------|
| DRNAREA | Area that drains to a point on a stream | 3.95 | square miles |
| ELEV | Mean Basin Elevation | 1137 | feet |

➤ Low-Flow Statistics

Low-Flow Statistics Parameters [Low Flow Region 4]

| Parameter Code | Parameter Name | Value | Units | Min Limit | Max Limit |
|----------------|----------------------|-------|--------------|-----------|-----------|
| DRNAREA | Drainage Area | 3.95 | square miles | 2.26 | 1400 |
| ELEV | Mean Basin Elevation | 1137 | feet | 1050 | 2580 |

Low-Flow Statistics Flow Report [Low Flow Region 4]

PIL: Lower 90% Prediction Interval, PIU: Upper 90% Prediction Interval, ASEp: Average Standard Error of Prediction, SE: Standard Error, PC: Percent Correct, RMSE: Root Mean Squared Error, PseudoR²: Pseudo R Squared (other -- see report)

| Statistic | Value | Unit | SE | ASEp |
|-------------------------|--------|--------------------|----|------|
| 7 Day 2 Year Low Flow | 0.128 | ft ³ /s | 43 | 43 |
| 30 Day 2 Year Low Flow | 0.232 | ft ³ /s | 38 | 38 |
| 7 Day 10 Year Low Flow | 0.0434 | ft ³ /s | 66 | 66 |
| 30 Day 10 Year Low Flow | 0.0834 | ft ³ /s | 54 | 54 |
| 90 Day 10 Year Low Flow | 0.158 | ft ³ /s | 41 | 41 |

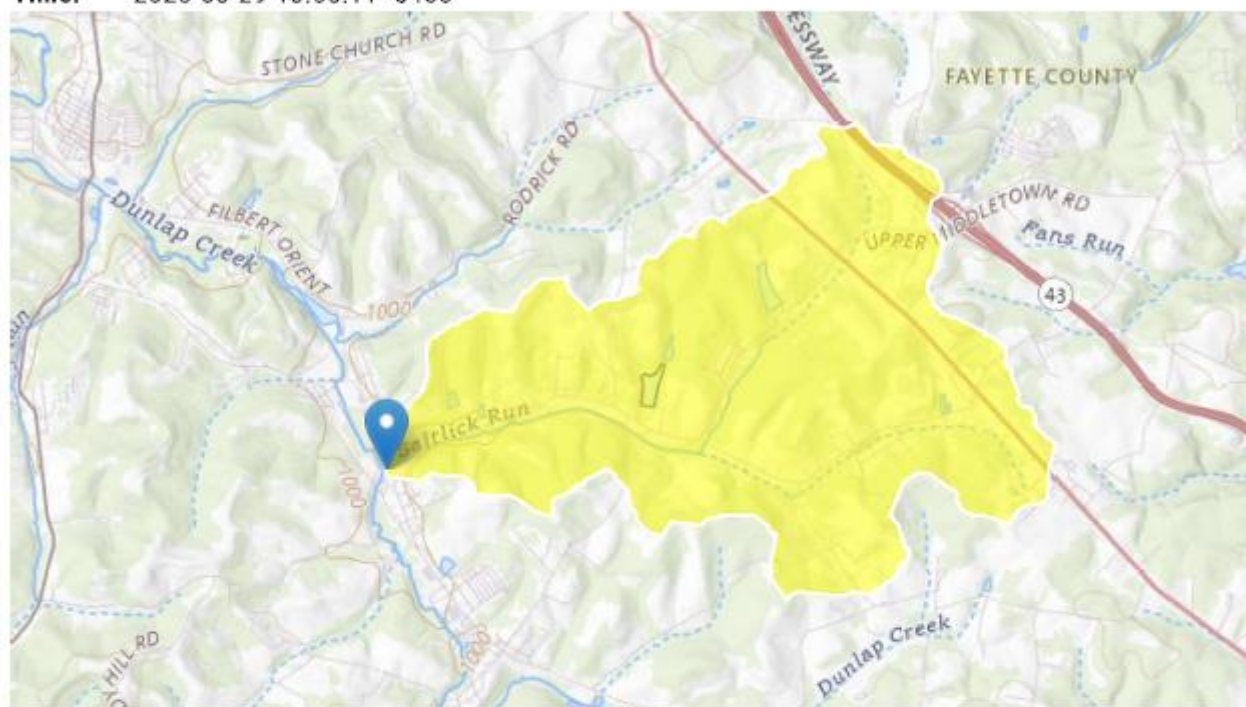
Low-Flow Statistics Citations

Stuckey, M.H., 2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p. (<http://pubs.usgs.gov/sir/2006/5130/>)

Attachment 2
Downstream StreamStat

StreamStats Report

Region ID: PA
Workspace ID: PA20250829175446575000
Clicked Point (Latitude, Longitude): 39.93860, -79.84861
Time: 2025-08-29 13:55:11 -0400



[+ Collapse All](#)

➤ Basin Characteristics

| Parameter Code | Parameter Description | Value | Unit |
|----------------|---|-------|--------------|
| DRNAREA | Area that drains to a point on a stream | 4.51 | square miles |
| ELEV | Mean Basin Elevation | 1129 | feet |

➤ Low-Flow Statistics

Low-Flow Statistics Parameters [Low Flow Region 4]

| Parameter Code | Parameter Name | Value | Units | Min Limit | Max Limit |
|----------------|----------------------|-------|--------------|-----------|-----------|
| DRNAREA | Drainage Area | 4.51 | square miles | 2.26 | 1400 |
| ELEV | Mean Basin Elevation | 1129 | feet | 1050 | 2580 |

Low-Flow Statistics Flow Report [Low Flow Region 4]

PIL: Lower 90% Prediction Interval, PIU: Upper 90% Prediction Interval, ASEp: Average Standard Error of Prediction, SE: Standard Error, PC: Percent Correct, RMSE: Root Mean Squared Error, PseudoR²: Pseudo R Squared (other -- see report)

| Statistic | Value | Unit | SE | ASEp |
|-------------------------|--------|--------------------|----|------|
| 7 Day 2 Year Low Flow | 0.148 | ft ³ /s | 43 | 43 |
| 30 Day 2 Year Low Flow | 0.266 | ft ³ /s | 38 | 38 |
| 7 Day 10 Year Low Flow | 0.0509 | ft ³ /s | 66 | 66 |
| 30 Day 10 Year Low Flow | 0.0967 | ft ³ /s | 54 | 54 |
| 90 Day 10 Year Low Flow | 0.181 | ft ³ /s | 41 | 41 |

Low-Flow Statistics Citations

Stuckey, M.H., 2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p. (<http://pubs.usgs.gov/sir/2006/5130/>)

Attachment 3
Summer WQM7 Results

Input Data WQM 7.0

| SWP Basin | Stream Code | Stream Name | RMI | Elevation (ft) | Drainage Area (sq mi) | Slope (ft/ft) | PWS Withdrawal (mgd) | Apply FC |
|-----------|-------------|-------------|-------|----------------|-----------------------|---------------|----------------------|-------------------------------------|
| 19C | 40203 | SALTICK RUN | 1.010 | 1137.00 | 3.95 | 0.00000 | 0.00 | <input checked="" type="checkbox"/> |

Stream Data

| Design Cond. | LFY (cfs) | Trib Flow (cfs) | Stream Flow (cfs) | Rch Trav Time (days) | Rch Velocity (fps) | WD Ratio | Rch Width (ft) | Rch Depth (ft) | Temp (°C) | Tributary pH | Stream Temp (°C) | pH |
|--------------|-----------|-----------------|-------------------|----------------------|--------------------|----------|----------------|----------------|-----------|--------------|------------------|------|
| Q7-10 | 0.010 | 0.04 | 0.00 | 0.000 | 0.000 | 10.0 | 0.00 | 0.00 | 25.00 | 7.00 | 0.00 | 0.00 |
| Q1-10 | | 0.00 | 0.00 | 0.000 | 0.000 | | | | | | | |
| Q30-10 | | 0.00 | 0.00 | 0.000 | 0.000 | | | | | | | |

Discharge Data

| Name | Permit Number | Existing Disc Flow (mgd) | Permitted Disc Flow (mgd) | Design Disc Flow (mgd) | Reserve Factor | Disc Temp (°C) | Disc pH |
|----------------|---------------|--------------------------|---------------------------|------------------------|----------------|----------------|---------|
| Rock Works STP | PA0218782 | 0.1750 | 0.0000 | 0.0000 | 0.000 | 20.00 | 7.00 |

Parameter Data

| Parameter Name | Disc Conc (mg/L) | Trib Conc (mg/L) | Stream Conc (mg/L) | Fate Coef (1/days) |
|------------------|------------------|------------------|--------------------|--------------------|
| CBOD5 | 25.00 | 2.00 | 0.00 | 1.50 |
| Dissolved Oxygen | 4.00 | 8.24 | 0.00 | 0.00 |
| NH3-N | 25.00 | 0.00 | 0.00 | 0.70 |

WQM 7.0 Hydrodynamic Outputs

| SWP Basin | Stream Code | Stream Name | RMI | Stream Flow (cfs) | PWS With (cfs) | Net Stream Flow (cfs) | Disc Analysis Flow (cfs) | Reach Slope (ft/ft) | Depth (ft) | Width (ft) | W/D Ratio | Velocity (fps) | Reach Trav Time (days) | Analysis Temp (°C) | Analysis pH |
|--------------------|-------------|-------------|-------|-------------------|----------------|-----------------------|--------------------------|---------------------|------------|------------|-----------|----------------|------------------------|--------------------|-------------|
| 19C | 40203 | SALTICK RUN | | | | | | | | | | | | | |
| Q7-10 Flow | | | | | | | | | | | | | | | |
| | | | 1.010 | 0.04 | 0.00 | 0.04 | .2707 | 0.00152 | .44 | 9.71 | 22.09 | 0.07 | 0.831 | 20.69 | 7.00 |
| Q1-10 Flow | | | | | | | | | | | | | | | |
| | | | 1.010 | 0.03 | 0.00 | 0.03 | .2707 | 0.00152 | NA | NA | NA | 0.07 | 0.855 | 20.47 | 7.00 |
| Q30-10 Flow | | | | | | | | | | | | | | | |
| | | | 1.010 | 0.06 | 0.00 | 0.06 | .2707 | 0.00152 | NA | NA | NA | 0.08 | 0.809 | 20.89 | 7.00 |

WQM 7.0 Modeling Specifications

| | | | |
|--------------------|--------|-------------------------------------|-------------------------------------|
| Parameters | Both | Use Inputted Q1-10 and Q30-10 Flows | <input checked="" type="checkbox"/> |
| WLA Method | EMPR | Use Inputted W/D Ratio | <input type="checkbox"/> |
| Q1-10/Q7-10 Ratio | 0.64 | Use Inputted Reach Travel Times | <input type="checkbox"/> |
| Q30-10/Q7-10 Ratio | 1.36 | Temperature Adjust Kr | <input checked="" type="checkbox"/> |
| D.O. Saturation | 90.00% | Use Balanced Technology | <input checked="" type="checkbox"/> |
| D.O. Goal | 5 | | |

WQM 7.0 Wasteload Allocations

| <u>SWP Basin</u> | <u>Stream Code</u> | <u>Stream Name</u> |
|------------------|--------------------|--------------------|
| 19C | 40203 | SALTICK RUN |

NH3-N Acute Allocations

| RMI | Discharge Name | Baseline Criterion (mg/L) | Baseline WLA (mg/L) | Multiple Criterion (mg/L) | Multiple WLA (mg/L) | Critical Reach | Percent Reduction |
|-------|----------------|---------------------------------|---------------------------|---------------------------------|---------------------------|-------------------|----------------------|
| 1.010 | Rock Works STP | 16.13 | 17.78 | 16.13 | 17.78 | 0 | 0 |

NH3-N Chronic Allocations

| RMI | Discharge Name | Baseline Criterion (mg/L) | Baseline WLA (mg/L) | Multiple Criterion (mg/L) | Multiple WLA (mg/L) | Critical Reach | Percent Reduction |
|-------|----------------|---------------------------------|---------------------------|---------------------------------|---------------------------|-------------------|----------------------|
| 1.010 | Rock Works STP | 1.78 | 2.17 | 1.78 | 2.17 | 0 | 0 |

Dissolved Oxygen Allocations

| RMI | Discharge Name | <u>CBOD5</u> | | <u>NH3-N</u> | | <u>Dissolved Oxygen</u> | | Critical Reach | Percent Reduction |
|------|----------------|--------------------|--------------------|--------------------|--------------------|-------------------------|--------------------|-------------------|----------------------|
| | | Baseline (mg/L) | Multiple (mg/L) | Baseline (mg/L) | Multiple (mg/L) | Baseline (mg/L) | Multiple (mg/L) | | |
| 1.01 | Rock Works STP | 25 | 25 | 2.17 | 2.17 | 5 | 5 | 0 | 0 |

WQM 7.0 D.O.Simulation

| <u>SWP Basin</u> | <u>Stream Code</u> | <u>Stream Name</u> | | | |
|---------------------------------|-----------------------------------|----------------------------------|-----------------|-----------------------------|--|
| 19C | 40203 | SALTICK RUN | | | |
| <u>RMI</u> | <u>Total Discharge Flow (mgd)</u> | <u>Analysis Temperature (°C)</u> | | <u>Analysis pH</u> | |
| 1.010 | 0.175 | 20.691 | | 7.000 | |
| <u>Reach Width (ft)</u> | <u>Reach Depth (ft)</u> | <u>Reach WDRatio</u> | | <u>Reach Velocity (fps)</u> | |
| 9.714 | 0.440 | 22.090 | | 0.074 | |
| <u>Reach CBOD5 (mg/L)</u> | <u>Reach Kc (1/days)</u> | <u>Reach NH3-N (mg/L)</u> | | <u>Reach Kn (1/days)</u> | |
| 21.82 | 1.462 | 1.87 | | 0.738 | |
| <u>Reach DO (mg/L)</u> | <u>Reach Kr (1/days)</u> | <u>Kr Equation</u> | | <u>Reach DO Goal (mg/L)</u> | |
| 5.448 | 17.547 | Owens | | 5 | |
| <u>Reach Travel Time (days)</u> | Subreach Results | | | | |
| 0.831 | TravTime (days) | CBOD5 (mg/L) | NH3-N (mg/L) | D.O. (mg/L) | |
| | 0.083 | 19.25 | 1.76 | 5.94 | |
| | 0.166 | 16.98 | 1.65 | 6.31 | |
| | 0.249 | 14.98 | 1.56 | 6.61 | |
| | 0.332 | 13.21 | 1.46 | 6.88 | |
| | 0.416 | 11.66 | 1.38 | 7.12 | |
| | 0.499 | 10.28 | 1.29 | 7.33 | |
| | 0.582 | 9.07 | 1.22 | 7.52 | |
| | 0.665 | 8.00 | 1.14 | 7.68 | |
| | 0.748 | 7.06 | 1.08 | 7.83 | |
| | 0.831 | 6.23 | 1.01 | 7.96 | |

WQM 7.0 Effluent Limits

| <u>SWP Basin</u> | | <u>Stream Code</u> | <u>Stream Name</u> | | | | |
|------------------|----------------|--------------------|--------------------|------------------|--------------------------------|----------------------------|----------------------------|
| 19C | | 40203 | SALTICK RUN | | | | |
| RMI | Name | Permit Number | Disc Flow (mgd) | Parameter | Effl. Limit 30-day Ave. (mg/L) | Effl. Limit Maximum (mg/L) | Effl. Limit Minimum (mg/L) |
| 1.010 | Rock Works STP | PA0218782 | 0.175 | CBOD5 | 25 | | |
| | | | | NH3-N | 2.17 | 4.34 | |
| | | | | Dissolved Oxygen | | | 5 |

Attachment 4
Winter WQM7 Results

Input Data WQM 7.0

| SWP Basin | Stream Code | Stream Name | RMI | Elevation (ft) | Drainage Area (sq mi) | Slope (ft/ft) | PWS Withdrawal (mgd) | Apply FC |
|-----------|-------------|-------------|-------|----------------|-----------------------|---------------|----------------------|-------------------------------------|
| 19C | 40203 | SALTICK RUN | 1.010 | 1137.00 | 3.95 | 0.00000 | 0.00 | <input checked="" type="checkbox"/> |

Stream Data

| Design Cond. | LFY (cfs) | Trib Flow (cfs) | Stream Flow (cfs) | Rch Trav Time (days) | Rch Velocity (fps) | WD Ratio | Rch Width (ft) | Rch Depth (ft) | Tributary Temp (°C) | Stream Temp (°C) | pH |
|--------------|-----------|-----------------|-------------------|----------------------|--------------------|----------|----------------|----------------|---------------------|------------------|------|
| Q7-10 | 0.020 | 0.04 | 0.00 | 0.000 | 0.000 | 10.0 | 0.00 | 0.00 | 5.00 | 7.00 | 0.00 |
| Q1-10 | | 0.00 | 0.00 | 0.000 | 0.000 | | | | | | |
| Q30-10 | | 0.00 | 0.00 | 0.000 | 0.000 | | | | | | |

Discharge Data

| Name | Permit Number | Existing Disc Flow (mgd) | Permitted Disc Flow (mgd) | Design Disc Flow (mgd) | Reserve Factor | Disc Temp (°C) | Disc pH |
|----------------|---------------|--------------------------|---------------------------|------------------------|----------------|----------------|---------|
| Rock Works STP | PA0218782 | 0.1750 | 0.0000 | 0.0000 | 0.000 | 15.00 | 7.00 |

Parameter Data

| Parameter Name | Disc Conc (mg/L) | Trib Conc (mg/L) | Stream Conc (mg/L) | Fate Coef (1/days) |
|------------------|------------------|------------------|--------------------|--------------------|
| CBOD5 | 25.00 | 2.00 | 0.00 | 1.50 |
| Dissolved Oxygen | 4.00 | 12.51 | 0.00 | 0.00 |
| NH3-N | 25.00 | 0.00 | 0.00 | 0.70 |

WQM 7.0 Hydrodynamic Outputs

| SWP Basin | Stream Code | Stream Name | | | | | | | | | | |
|--------------------|-------------------|----------------|-----------------------|--------------------------|---------------------|------------|------------|-----------|----------------|------------------------|--------------------|-------------|
| 19C | 40203 | SALTICK RUN | | | | | | | | | | |
| RMI | Stream Flow (cfs) | PWS With (cfs) | Net Stream Flow (cfs) | Disc Analysis Flow (cfs) | Reach Slope (ft/ft) | Depth (ft) | Width (ft) | W/D Ratio | Velocity (fps) | Reach Trav Time (days) | Analysis Temp (°C) | Analysis pH |
| Q7-10 Flow | | | | | | | | | | | | |
| 1.010 | 0.04 | 0.00 | 0.04 | .2707 | 0.00152 | .44 | 9.71 | 22.09 | 0.07 | 0.831 | 13.62 | 7.00 |
| Q1-10 Flow | | | | | | | | | | | | |
| 1.010 | 0.03 | 0.00 | 0.03 | .2707 | 0.00152 | NA | NA | NA | 0.07 | 0.855 | 14.07 | 7.00 |
| Q30-10 Flow | | | | | | | | | | | | |
| 1.010 | 0.06 | 0.00 | 0.06 | .2707 | 0.00152 | NA | NA | NA | 0.08 | 0.809 | 13.21 | 7.00 |

WQM 7.0 Modeling Specifications

| | | | |
|--------------------|--------|-------------------------------------|-------------------------------------|
| Parameters | Both | Use Inputted Q1-10 and Q30-10 Flows | <input checked="" type="checkbox"/> |
| WLA Method | EMPR | Use Inputted W/D Ratio | <input type="checkbox"/> |
| Q1-10/Q7-10 Ratio | 0.64 | Use Inputted Reach Travel Times | <input type="checkbox"/> |
| Q30-10/Q7-10 Ratio | 1.36 | Temperature Adjust Kr | <input checked="" type="checkbox"/> |
| D.O. Saturation | 90.00% | Use Balanced Technology | <input checked="" type="checkbox"/> |
| D.O. Goal | 5 | | |

WQM 7.0 Wasteload Allocations

| <u>SWP Basin</u> | <u>Stream Code</u> | <u>Stream Name</u> |
|------------------|--------------------|--------------------|
| 19C | 40203 | SALTICK RUN |

NH3-N Acute Allocations

| RMI | Discharge Name | Baseline Criterion (mg/L) | Baseline WLA (mg/L) | Multiple Criterion (mg/L) | Multiple WLA (mg/L) | Critical Reach | Percent Reduction |
|-------|----------------|---------------------------------|---------------------------|---------------------------------|---------------------------|-------------------|----------------------|
| 1.010 | Rock Works STP | 24.1 | 26.58 | 24.1 | 26.58 | 0 | 0 |

NH3-N Chronic Allocations

| RMI | Discharge Name | Baseline Criterion (mg/L) | Baseline WLA (mg/L) | Multiple Criterion (mg/L) | Multiple WLA (mg/L) | Critical Reach | Percent Reduction |
|-------|----------------|---------------------------------|---------------------------|---------------------------------|---------------------------|-------------------|----------------------|
| 1.010 | Rock Works STP | 2.92 | 3.56 | 2.92 | 3.56 | 0 | 0 |

Dissolved Oxygen Allocations

| RMI | Discharge Name | <u>CBOD5</u> | | <u>NH3-N</u> | | <u>Dissolved Oxygen</u> | | Critical Reach | Percent Reduction |
|------|----------------|--------------------|--------------------|--------------------|--------------------|-------------------------|--------------------|-------------------|----------------------|
| | | Baseline (mg/L) | Multiple (mg/L) | Baseline (mg/L) | Multiple (mg/L) | Baseline (mg/L) | Multiple (mg/L) | | |
| 1.01 | Rock Works STP | 25 | 25 | 3.56 | 3.56 | 4 | 4 | 0 | 0 |

WQM 7.0 D.O.Simulation

| <u>SWP Basin</u> | <u>Stream Code</u> | <u>Stream Name</u> | | | |
|---------------------------------|-----------------------------------|----------------------------------|-----------------|-----------------------------|--|
| 19C | 40203 | SALTICK RUN | | | |
| | | | | | |
| <u>RMI</u> | <u>Total Discharge Flow (mgd)</u> | <u>Analysis Temperature (°C)</u> | | <u>Analysis pH</u> | |
| 1.010 | 0.175 | 13.618 | | 7.000 | |
| <u>Reach Width (ft)</u> | <u>Reach Depth (ft)</u> | <u>Reach WDRatio</u> | | <u>Reach Velocity (fps)</u> | |
| 9.714 | 0.440 | 22.090 | | 0.074 | |
| <u>Reach CBOD5 (mg/L)</u> | <u>Reach Kc (1/days)</u> | <u>Reach NH3-N (mg/L)</u> | | <u>Reach Kn (1/days)</u> | |
| 21.82 | 1.469 | 3.07 | | 0.428 | |
| <u>Reach DO (mg/L)</u> | <u>Reach Kr (1/days)</u> | <u>Kr Equation</u> | | <u>Reach DO Goal (mg/L)</u> | |
| 5.176 | 14.838 | Owens | | 5 | |
| <u>Reach Travel Time (days)</u> | | | | | |
| 0.831 | | | | | |
| | Subreach Results | | | | |
| | TravTime (days) | CBOD5 (mg/L) | NH3-N (mg/L) | D.O. (mg/L) | |
| | 0.083 | 19.92 | 2.96 | 6.97 | |
| | 0.166 | 18.19 | 2.86 | 7.65 | |
| | 0.249 | 16.61 | 2.76 | 7.98 | |
| | 0.332 | 15.16 | 2.66 | 8.21 | |
| | 0.416 | 13.84 | 2.57 | 8.39 | |
| | 0.499 | 12.64 | 2.48 | 8.55 | |
| | 0.582 | 11.54 | 2.39 | 8.69 | |
| | 0.665 | 10.53 | 2.31 | 8.83 | |
| | 0.748 | 9.62 | 2.23 | 8.95 | |
| | 0.831 | 8.78 | 2.15 | 9.06 | |

WQM 7.0 Effluent Limits

| <u>SWP Basin</u> | | <u>Stream Code</u> | <u>Stream Name</u> | | | | |
|------------------|----------------|--------------------|--------------------|------------------|--------------------------------|----------------------------|----------------------------|
| 19C | | 40203 | SALTICK RUN | | | | |
| RMI | Name | Permit Number | Disc Flow (mgd) | Parameter | Effl. Limit 30-day Ave. (mg/L) | Effl. Limit Maximum (mg/L) | Effl. Limit Minimum (mg/L) |
| 1.010 | Rock Works STP | PA0218782 | 0.175 | CBOD5 | 25 | | |
| | | | | NH3-N | 3.56 | 7.12 | |
| | | | | Dissolved Oxygen | | | 4 |