

Application Type Renewal
Facility Type Non-Municipal
Major / Minor Minor

NPDES PERMIT FACT SHEET INDIVIDUAL SEWAGE

Application No. PA0096423
APS ID 1115730
Authorization ID 1488625

Applicant and Facility Information

| | | | |
|---------------------------|--|------------------|--|
| Applicant Name | <u>Turkeyfoot Valley Area School District</u> | Facility Name | <u>Turkeyfoot Valley Area School</u> |
| Applicant Address | <u>172 Turkeyfoot Road</u> <u>Confluence, PA 15424-2420</u> | Facility Address | <u>172 Turkeyfoot Road</u> <u>Confluence, PA 15424-2420</u> |
| Applicant Contact | <u>Nicole Dice</u> | Facility Contact | <u>Glenn Cameron</u> |
| Applicant Phone | <u>(814) 395-3621</u> | Facility Phone | <u>(814) 395-3621</u> |
| Client ID | <u>62362</u> | Site ID | <u>241253</u> |
| Ch 94 Load Status | <u>Not Overloaded</u> | Municipality | <u>Lower Turkeyfoot Township</u> |
| Connection Status | | County | <u>Somerset</u> |
| Date Application Received | <u>June 6, 2024</u> | EPA Waived? | <u>Yes</u> |
| Date Application Accepted | <u>June 9, 2024</u> | If No, Reason | |
| Purpose of Application | <u>Renewal to discharge treated sewage</u> | | |

Summary of Review

This review is in response to a renewal application from the Turkeyfoot Valley Area School District (TVASD) in Lower Turkeyfoot Township, Somerset County. Sewage from the school is treated with aeration, settling, chlorination, and de-chlorination before discharging to the Casselman River, a warm water fishery, through outfall 001. Sludges are sent to the Dornick Point sewage treatment plant.

Sludge use and disposal description and location(s): sludges are hauled to Dornick Point STP.

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 | | James Vanek James Vanek, P.E. / Environmental Engineer | April 30, 2025 |
| X | | MAHBUBA IASMIN Mahbuba Iasmin, Ph.D., P.E. / Environmental Engineering Manager | May 1, 2025 |

| Discharge, Receiving Waters and Water Supply Information | | | |
|--|-----------------------|-------------------------------|-------------------|
| Outfall No. | 001 | Design Flow (MGD) | .0117 |
| Latitude | 39° 47' 49.32" | Longitude | -79° 19' 25.86" |
| Quad Name | | Quad Code | |
| Wastewater Description: Sewage Effluent | | | |
| Receiving Waters | Casselman River (WWF) | Stream Code | 38579 |
| NHD Com ID | 69922379 | RMI | 2.83 |
| Drainage Area | 431 | Yield (cfs/mi²) | 0.0494 |
| Q7-10 Flow (cfs) | 21.3 | Q7-10 Basis | USGS Stream Stats |
| Elevation (ft) | 1357 | Slope (ft/ft) | 0.0023 |
| Watershed No. | 19-F | Chapter 93 Class. | WWF |
| Existing Use | | Existing Use Qualifier | |
| Exceptions to Use | | Exceptions to Criteria | |
| Assessment Status | Impaired | | |
| Cause(s) of Impairment | METALS | | |
| Source(s) of Impairment | ACID MINE DRAINAGE | | |
| TMDL Status | Final | Name | Casselman River |
| Background/Ambient Data | | Data Source | |
| pH (SU) | | | |
| Temperature (°F) | | | |
| Hardness (mg/L) | | | |
| Other: | | | |
| Nearest Downstream Public Water Supply Intake | | Ohiopyle Municipal Waterworks | |
| PWS Waters | Youghiogheny River | Flow at Intake (cfs) | 390 |
| PWS RMI | | Distance from Outfall (mi) | 13.6 |

Changes Since Last Permit Issuance: added de-chlorination

Other Comments:

| Treatment Facility Summary | | | | |
|---|-----------------------------------|-------------------------------|------------------------------|-------------------------------|
| Treatment Facility Name: Turkeyfoot Valley Area School STP | | | | |
| WQM Permit No. | | Issuance Date | | |
| 465 S 87 | | 07/13/2022 | | |
| | | | | |
| Waste Type | Degree of Treatment | Process Type | Disinfection | Avg Annual Flow (MGD) |
| Sewage | Secondary | Conventional activated sludge | Chlorination/de-chlorination | 0.0117 |
| | | | | |
| Hydraulic Capacity (MGD) | Organic Capacity (lbs/day) | Load Status | Biosolids Treatment | Biosolids Use/Disposal |
| 0.0117 | 4 | Not Overloaded | None | Other sewage treatment plant |

Changes Since Last Permit Issuance: added de-chlorination

Other Comments:

Compliance History

DMR Data for Outfall 001 (from March 1, 2024 to February 28, 2025)

| Parameter | FEB-25 | JAN-25 | DEC-24 | NOV-24 | OCT-24 | SEP-24 | AUG-24 | JUL-24 | JUN-24 | MAY-24 | APR-24 | MAR-24 |
|--|--------|---------|--------|--------|---------|---------|---------|---------|--------|--------|--------|--------|
| Flow (MGD) Average Monthly | 0.0030 | 0.00143 | 0.0023 | 0.0026 | 0.00216 | 0.00195 | 0.00118 | 0.00066 | 0.0024 | 0.0023 | 0.0023 | 0.0017 |
| pH (S.U.) Minimum | 7.82 | 8.31 | 7.75 | 6.81 | 7.01 | 6.45 | 7.25 | 7.12 | 7.63 | 7.52 | 7.09 | 7.09 |
| pH (S.U.) Maximum | 8.43 | 8.64 | 8.52 | 8.28 | 8.25 | 7.39 | 7.68 | 7.64 | 7.99 | 8.03 | 7.41 | 7.38 |
| DO (mg/L) Minimum | 6.0 | 8.35 | 6.94 | 6.09 | 2.50 | 3.28 | 5.04 | 6.17 | 3.80 | 5.60 | 8.27 | 8.07 |
| TRC (mg/L) Average Monthly | 0.05 | 0.07 | 0.06 | 0.07 | 0.28 | 0.10 | 0.08 | 0.05 | 0.06 | 0.06 | 0.08 | 0.06 |
| TRC (mg/L) Instantaneous Maximum | 0.10 | 0.11 | 0.18 | 0.15 | 4.30 | 0.52 | 0.20 | 0.11 | 0.10 | 0.11 | 0.19 | 0.14 |
| CBOD5 (mg/L) Average Monthly | 7.67 | 3.86 | 4.58 | 3.51 | 4.28 | 3.11 | 7.6 | 5.46 | 4.55 | 2.26 | 2.84 | 4.85 |
| CBOD5 (mg/L) Instantaneous Maximum | 9.94 | 4.90 | 5.04 | 4.98 | 4.98 | 4.23 | 13.2 | 6.00 | 5.06 | 2.51 | 3.65 | 5.01 |
| TSS (mg/L) Average Monthly | 10.0 | 15.5 | 14.00 | 11.0 | 8.00 | 7.0 | 14.0 | 18.5 | 5.00 | 5.00 | 26.5 | 7.50 |
| TSS (mg/L) Instantaneous Maximum | 12.0 | 19.0 | 18.00 | 11.0 | 10.00 | 7.0 | 20.0 | 19.0 | 5.00 | 5.00 | 48.0 | 8.00 |
| Total Dissolved Solids (mg/L) Daily Maximum | | | 1330 | | | | | | | | | |
| Fecal Coliform (No./100 ml) Geometric Mean | 1.0 | 1591 | 1.73 | 49.19 | < 1 | < 1 | < 1 | 3.46 | 3.32 | < 1 | 1 | 8.48 |
| Fecal Coliform (No./100 ml) Instantaneous Maximum | 1.0 | 2420 | 3.00 | 2420 | < 1 | < 1 | < 1 | 12.00 | 11.0 | < 1 | 1 | 9.00 |
| Total Nitrogen (mg/L) Daily Maximum | | | 0.625 | | | | | | | | | |

| | | | | | | | | | | | | |
|---|--|--|-------|--|--|--|--|--|--|--|--|--|
| Total Phosphorus (mg/L) Daily Maximum | | | 0.241 | | | | | | | | | |
|---|--|--|-------|--|--|--|--|--|--|--|--|--|

Development of Effluent Limitations

| | | | |
|--------------------------------|-----------------|--------------------------|-----------------|
| Outfall No. | 001 | Design Flow (MGD) | .0117 |
| Latitude | 39° 47' 45.00" | Longitude | -79° 19' 30.00" |
| Wastewater Description: | Sewage Effluent | | |

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) |
| NH ₃ N | Report | IMAX | - | 92a.61 |
| Total Residual Chlorine | 0.5 | Average Monthly | - | 92a.48(b)(2) |

Water Quality-Based Limitations

Modeling was performed on this discharge. Background information for elevations, slope, drainage area, distance, and stream flow were obtained from the USGS Stream Stats. Water quality analysis for dissolved oxygen, carbonaceous biochemical oxygen demand, and ammonia-nitrogen was performed with the Department's WQM 7.0 model. TRC modeling was performed using the TRC Spreadsheet. The result of this modeling shows that water quality based effluent limits are not necessary. The modeling results from WQM7.0 and the TRC spreadsheet are attached at the end of this report.

Best Professional Judgment (BPJ) Limitations

Dissolved oxygen will be limited at 4.0 mg/l as an instantaneous minimum. Monitoring for NH₃N is necessary.

Anti-Backsliding

Anti-backsliding was not used for this permit renewal.

TN and TP MONITORING

Nutrient monitoring is required to establish the nutrient load from the wastewater treatment facility and the impacts that load may have on the quality of the receiving stream(s). Sewage discharges with design flows > 2,000 gpd require monitoring for Total Nitrogen and Total Phosphorus in new and reissued permits. Annual monitoring has been imposed.

Casselman River Basin TMDL

There is a TMDL for metals in the Casselman River watershed. The contribution for metals from a sewage plant of this nature is expected to be less than water quality criteria and therefore not contributing to stream impairment. Annual monitoring for iron, aluminum and manganese has been imposed. Monitoring is required to establish data to ensure there are no impacts on the quality of the receiving stream.

Sample Types

The sample types and monitoring frequencies conform with Table 6.3 of the DEP's Technical Guidance for the Development and Specification of Effluent Limitations and Other Permit Conditions in NPDES Permits.

Industrial Contributors/Total Dissolved Solids

There are no industrial contributors. However, the discharge has very high TDS results, greater than 1200 mg/l. The instream criterion is 500 mg/l. Since the discharge TDS is more than twice the criterion, sampling for TDS shall remain in the permit.

E. Coli

In accordance with Section I of DEP's "Standard Operating Procedure for Clean Water Program Establishing Effluent Limitations for Individual Sewage Permits" [SOP No. BCW-PMT-033, Version 1.9, March 22, 2021] and under the authority of 25 Pa. Code § 92a.61(b), annual reporting for *E. coli* will be added to Outfall 001. *E. coli* was recently added to the bacteria water quality criteria in 25 Pa. Code § 93.7(a) and the monitoring will be used to determine if *E. coli* concentrations require additional controls.

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.

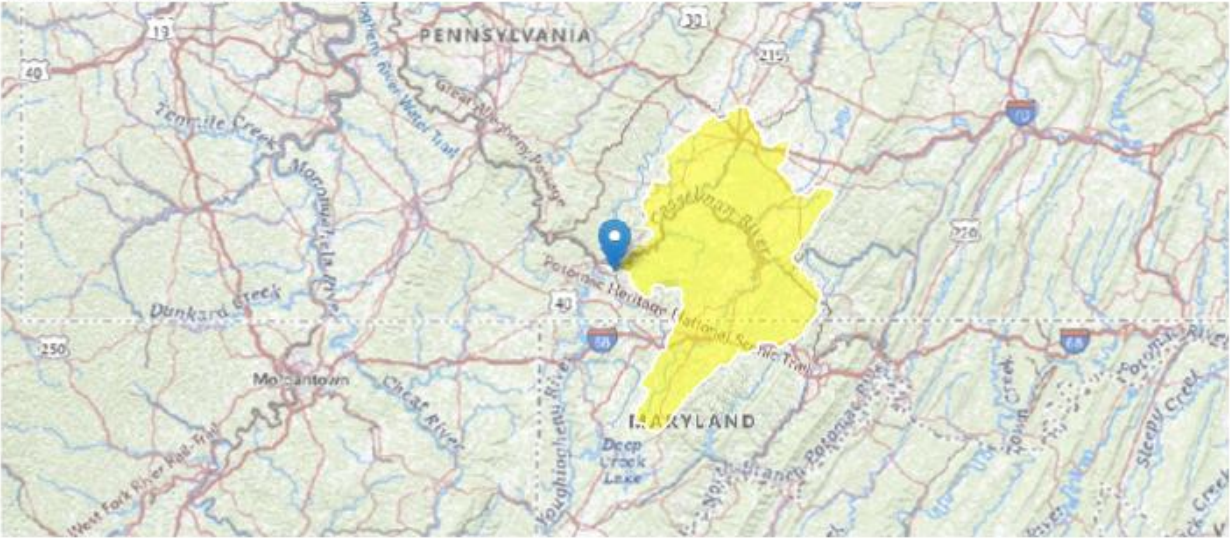
| Parameter | Effluent Limitations | | | | | | Monitoring Requirements | |
|---|-------------------------------------|-------------------|-----------------------|---------------------|---------|---------------------|--|----------------------------|
| | Mass Units (lbs/day) ⁽¹⁾ | | Concentrations (mg/L) | | | | Minimum ⁽²⁾ Measurement Frequency | Required Sample Type |
| | Average Monthly | Average Weekly | Minimum | Average Monthly | Maximum | Instant. Maximum | | |
| Flow (MGD) | 0.0117 | XXX | XXX | XXX | XXX | XXX | 2/month | Measured |
| pH (S.U.) | XXX | XXX | 6.0 Inst Min | XXX | XXX | 9.0 | Daily when Discharging | Grab |
| DO | XXX | XXX | 4.0 Inst Min | XXX | XXX | XXX | Daily when Discharging | Grab |
| TRC | XXX | XXX | 0.5 Avg Mo | XXX | XXX | 1.6 | Daily when Discharging | Grab |
| CBOD5 | XXX | XXX | XXX | 25.0 | XXX | 50.0 | 2/month | Grab |
| TSS | XXX | XXX | XXX | 30.0 | XXX | 60.0 | 2/month | Grab |
| Total Dissolved Solids | XXX | XXX | XXX | Report Daily Max | XXX | XXX | 1/year | Grab |
| Fecal Coliform (No./100 ml) Oct 1 - Apr 30 | XXX | XXX | XXX | 2000 Geo Mean | XXX | 10000 | 2/month | Grab |
| Fecal Coliform (No./100 ml) May 1 - Sep 30 | XXX | XXX | XXX | 200 Geo Mean | XXX | 1000 | 2/month | Grab |
| NH ₃ N | XXX | XXX | XXX | XXX | XXX | Report | 1/month | Grab |
| E. Coli | XXX | XXX | XXX | XXX | XXX | Report | 1/year | Grab |
| Total Nitrogen | XXX | XXX | XXX | Report Daily Max | XXX | XXX | 1/year | Grab |
| Total Phosphorus | XXX | XXX | XXX | Report Daily Max | XXX | XXX | 1/year | Grab |

Compliance Sampling Location: at outfall 001

REFERENCES

StreamStats Report

Region ID: PA
Workspace ID: PA20250429151532426000
Clicked Point (Latitude, Longitude): 39.79897, -79.32552
Time: 2025-04-29 11:15:56 -0400



Collapse All

➤ Basin Characteristics

| Parameter Code | Parameter Description | Value | Unit |
|----------------|--|---------|--------------|
| CARBON | Percentage of area of carbonate rock | 0 | percent |
| DRNAREA | Area that drains to a point on a stream | 431 | square miles |
| ELEV | Mean Basin Elevation | 2361 | feet |
| FOREST | Percentage of area covered by forest | 64.3686 | percent |
| PRECIP | Mean Annual Precipitation | 42 | inches |
| URBAN | Percentage of basin with urban development | 1.8606 | percent |

➤ Low-Flow Statistics

Low-Flow Statistics Parameters [Low Flow Region 4]

| Parameter Code | Parameter Name | Value | Units | Min Limit | Max Limit |
|----------------|----------------------|-------|--------------|-----------|-----------|
| DRNAREA | Drainage Area | 431 | square miles | 2.26 | 1400 |
| ELEV | Mean Basin Elevation | 2361 | 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, PseudoR^2: Pseudo R Squared (other -- see report)

| Statistic | Value | Unit | SE | ASEp |
|-------------------------|-------|--------|----|------|
| 7 Day 2 Year Low Flow | 49.5 | ft^3/s | 43 | 43 |
| 30 Day 2 Year Low Flow | 74.9 | ft^3/s | 38 | 38 |
| 7 Day 10 Year Low Flow | 21.3 | ft^3/s | 66 | 66 |
| 30 Day 10 Year Low Flow | 30.8 | ft^3/s | 54 | 54 |
| 90 Day 10 Year Low Flow | 54.7 | 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/>)

➤ Base Flow Statistics

Base Flow Statistics Parameters [Statewide Mean and Base Flow]

| Parameter Code | Parameter Name | Value | Units | Min Limit | Max Limit |
|----------------|---------------------------|---------|--------------|-----------|-----------|
| CARBON | Percent Carbonate | 0 | percent | 0 | 99 |
| DRNAREA | Drainage Area | 431 | square miles | 2.26 | 1720 |
| FOREST | Percent Forest | 64.3686 | percent | 5.1 | 100 |
| PRECIP | Mean Annual Precipitation | 42 | inches | 33.1 | 50.4 |
| URBAN | Percent Urban | 1.8606 | percent | 0 | 89 |

Base Flow Statistics Flow Report [Statewide Mean and Base Flow]

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, PseudoR^2: Pseudo R Squared (other -- see report)

| Statistic | Value | Unit | SE | ASEp |
|---------------------------------------|-------|--------|----|------|
| Base Flow 10 Year Recurrence Interval | 235 | ft^3/s | 21 | 21 |
| Base Flow 25 Year Recurrence Interval | 208 | ft^3/s | 21 | 21 |
| Base Flow 50 Year Recurrence Interval | 192 | ft^3/s | 23 | 23 |

Base 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/>)

➤ Maximum Probable Flood Statistics

Maximum Probable Flood Statistics Parameters [Crippen Bue Region 4]

| Parameter Code | Parameter Name | Value | Units | Min Limit | Max Limit |
|----------------|----------------|-------|--------------|-----------|-----------|
| DRNAREA | Drainage Area | 431 | square miles | 0.1 | 10000 |

Maximum Probable Flood Statistics Flow Report [Crippen Bue Region 4]

| Statistic | Value | Unit |
|------------------------------------|--------|--------------------|
| Maximum Flood Crippen Bue Regional | 169000 | ft ³ /s |

Maximum Probable Flood Statistics Citations

Crippen, J.R. and Bue, Conrad D.1977, Maximum Floodflows in the Conterminous United States, Geological Survey Water-Supply Paper 1887, 52p. (<https://pubs.usgs.gov/wsp/1887/report.pdf>)

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Application Version: 4.28.1

StreamStats Services Version: 1.2.22

NSS Services Version: 2.2.1

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 |
|--------------|----------------|-----------------|-------|-------------------|-----------------------------|------------------|----------------------------|-------------------------------------|
| 19F | 38579 | CASSELMAN RIVER | 2.830 | 1357.00 | 431.00 | 0.00000 | 0.00 | <input checked="" type="checkbox"/> |

Stream Data

| Design Cond. | LFY (cfsm) | Trib Flow (cfs) | Stream Flow (cfs) | Rch Trav Time (days) | Rch Velocity (fps) | WD Ratio | Rch Width (ft) | Rch Depth (ft) | Tributary Temp (°C) | pH | Stream Temp (°C) | pH |
|-----------------|---------------|-----------------------|-------------------------|-------------------------------|--------------------------|-------------|----------------------|----------------------|---------------------------|------|------------------------|------|
| Q7-10 | 0.049 | 0.00 | 0.00 | 0.000 | 0.000 | 25.0 | 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 |
|------|---------------|-----------------------------------|------------------------------------|---------------------------------|-------------------|----------------------|------------|
| TSD | PA0096423 | 0.0117 | 0.0117 | 0.0117 | 0.250 | 25.00 | 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 | 3.00 | 8.24 | 0.00 | 0.00 |
| NH3-N | 25.00 | 0.00 | 0.00 | 0.70 |

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 |
|--------------|----------------|-----------------|-------|-------------------|-----------------------------|------------------|----------------------------|-------------------------------------|
| 19F | 38579 | CASSELMAN RIVER | 2.530 | 1351.00 | 475.00 | 0.00000 | 0.00 | <input checked="" type="checkbox"/> |

Stream Data

| Design Cond. | LFY (cfsm) | Trib Flow (cfs) | Stream Flow (cfs) | Rch Trav Time (days) | Rch Velocity (fps) | WD Ratio | Rch Width (ft) | Rch Depth (ft) | Tributary Temp (°C) | pH | Stream Temp (°C) | pH |
|-----------------|---------------|-----------------------|-------------------------|-------------------------------|--------------------------|-------------|----------------------|----------------------|---------------------------|------|------------------------|------|
| Q7-10 | 0.049 | 0.00 | 0.00 | 0.000 | 0.000 | 25.0 | 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 |
|------|---------------|-----------------------------------|------------------------------------|---------------------------------|-------------------|----------------------|------------|
| | | 0.0000 | 0.0000 | 0.0000 | 0.000 | 25.00 | 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 | 3.00 | 8.24 | 0.00 | 0.00 |
| NH3-N | 25.00 | 0.00 | 0.00 | 0.70 |

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