

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SFTF

**NPDES PERMIT FACT SHEET  
INDIVIDUAL SFTF**

Application No. PA0063924  
APS ID 846711  
Authorization ID 1491872

**Applicant, Facility and Project Information**

|                           |   |                  |  |
|---------------------------|---|------------------|--|
| Applicant Name            | <u>PA DCNR</u>  | Facility Name    | <u>Delaware Canal State Park Teddy Roosevelt Comfort Station</u> |
| Applicant Address         | <u>11 Lodi Hill Road</u>  | Facility Address | <u>310 Canal Road</u>  |
|                           | <u>Upper Black Eddy, PA 18972</u>   |                  | <u>Easton, PA 18042</u>  |
| Applicant Contact         | <u>Brian Heath</u>  | Facility Contact | <u>Ron Gilliland</u>   |
| Applicant Phone           | <u>(610) 982-5560</u>   | Facility Phone   | <u>(610) 982-5560</u>  |
| Client ID                 | <u>52524</u>  | Site ID          | <u>525398</u>  |
| SIC Code                  | <u>4941</u>   | Municipality     | <u>Williams Township</u>   |
| SIC Description           | <u>Trans. &amp; Utilities - Water Supply</u>                                  | County           | <u>Northampton</u>   |
| Date Application Received | <u>July 5, 2024</u>   | WQM Required     | <u>N/A</u>   |
| Date Application Accepted | <u>July 19, 2024</u>  | WQM App. No.     |  |
| Project Description       | <u>Renewal of existing NPDES permit to discharge treated sewage effluent.</u> |                  |  |

**Summary of Review**

The applicant is requesting to renew the existing NPDES permit to discharge up to 800gpd of treated sewage effluent to the Delaware River, a Warm-Water Fishes, Migratory Fishes receiving stream in PA State Water Basin 2-D (Cooks – Tohickon Creeks). As per the Department's current existing use list, the receiving stream does not have an existing use classification that is more protective than its designated use. This discharge is not expected to affect public water intakes.

The receiving stream is impaired by "Source Unknown – Mercury". This discharge is not expected to contribute to this impairment.

There is no DRBC docket associated with this facility.

The system for this facility a solids and graywater pump tank, followed by secondary treatment via recirculating tank and sand filtering, and then uses chlorine contact for disinfection. Previous four (4) AMRs and June 3, 2025 inspection report indicate system is functioning as normal.

Letter attached to the application indicated plans to possibly add dechlorination to the treatment process. Because of TRC limits introduced in the last permit cycle, the facility regularly has non-compliance issues. These TRC limitations are TBELs. TRC modeling was performed for this facility, but did not recommend more stringent limits than those that are existing.

All monitoring and sampling requirements have been carried over from the previous permit and updated with recommendations from the SOP for New and Reissuance Individual SFTF NPDES Permits. This will change the average monthly and IMAX limitations for CBOD<sub>5</sub> and TSS. The new limitations will go into effect upon permit issuance.

One special condition is added to this permit: TRC EFFLUENT LIMITATIONS BELOW QUANTITATION LIMITS.

| Approve | Deny | Signatures   | Date         |
|---------|------|--|--------------|
| X       |      | <i>William Hon</i><br>William Hon / Environmental Engineer Specialist        | July 2, 2025 |
| X       |      | <i>Edward Dudick</i><br>Edward Dudick, P.E. / Environmental Engineer Manager | July 2, 2025 |

### Summary of Review

The last inspection performed at this facility occurred on 6/3/2025 and resulted in no violations. There are no open violations in the Clean Water Program that would warrant the withholding of the issuance of this permit. Recommend approval.

Modeling Inputs:

| Parameter                   | Avg Mo  | IMAX | Sample Type          | Frequency: SFTFs | Frequency: SRSTPs |
|-----------------------------|---|------|----------------------|------------------|-------------------|
| Flow (GPD)                  | Report  | XXX  | Estimate / Measured* | 1/month          | 1/year            |
| CBOD <sub>5</sub> (mg/L)    | 10  | 20   | Grab                 | 1/month          | 1/year            |
| TSS (mg/L)                  | 10  | 20   | Grab                 | 1/month          | 1/year            |
| TRC (mg/L)                  | Report for SRSTPs; Use TRC Spreadsheet to determine WQBELs or 0.02 mg/L AML for SFTFs** |      | Grab                 | 1/month          | 1/month           |
| Fecal Coliform (No./100 ml) | 200 Geometric Mean  |      | Grab                 | 1/month          | 1/year            |

### DCNR - TR Station Modeling

PT @ Outfall 001, Delaware River

Clicked Point (Latitude, Longitude):



[Collapse All](#)

#### ► Basin Characteristics

| Parameter Code         | Parameter Description                   | Value | Unit         |
|------------------------|---|-------|--------------|
| CARBON                 | Percentage of area of carbonate rock    | 7.94  | percent      |
| DRNAREA                | Area that drains to a point on a stream | 6110  | square miles |
| 7 Day 10 Year Low Flow |   | 1360  | ft^3/s       |

## Summary of Review

## TRC EVALUATION

Input appropriate values in A3:A9 and D3:D9

|        |                                |     |                                      |
|--------|--------------------------------|-----|--------------------------------------|
| 1360   | = Q stream (cfs)               | 0.5 | = CV Daily                           |
| 0.0008 | = Q discharge (MGD)            | 0.5 | = CV Hourly                          |
| 30     | = no. samples                  | 1   | = AFC_Partial Mix Factor             |
| 0.3    | = Chlorine Demand of Stream    | 1   | = CFC_Partial Mix Factor             |
| 0      | = Chlorine Demand of Discharge | 15  | = AFC_Criteria Compliance Time (min) |
| 0.5    | = BAT/BPJ Value                | 720 | = CFC_Criteria Compliance Time (min) |
| 0      | = % Factor of Safety (FOS)     |     | =Decay Coefficient (K)               |

| Source       | Reference | AFC Calculations     | Reference | CFC Calculations    |
|--------------|-----------|----------------------|-----------|---------------------|
| TRC          | 1.3.2.iii | WLA_afc = 350549.470 | 1.3.2.iii | WLA_cfc = #####     |
| PENTOXSD TRG | 5.1a      | LTAMULT_afc = 0.373  | 5.1c      | LTAMULT_cfc = 0.581 |
| PENTOXSD TRG | 5.1b      | LTA_afc= 130623.095  | 5.1d      | LTA_cfc = #####     |

| Source       | Effluent Limit Calculations |
|--------------|-----------------------------|
| PENTOXSD TRG | 5.1f                        |
| PENTOXSD TRG | 5.1g                        |

## AML MULT = 1.231

AVG MON LIMIT (mg/l) = 0.500

BAT/BPJ

INST MAX LIMIT (mg/l) = 1.635

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.

