

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0233528
APS ID 1104580
Authorization ID 1468805

Applicant, Facility and Project Information

Applicant Name	<u>Darryl Long</u>	Facility Name	<u>Long SFTF</u>
Applicant Address	<u>802 Broad Street</u> <u>Akron, PA 17501-1305</u>	Facility Address	<u>4160 Route 154</u> <u>Forksville, PA 18616</u>
Applicant Contact	<u>Darryl Long</u>	Facility Contact	<u>Darryl Long</u>
Applicant Phone	<u>223-264-6368</u>	Facility Phone	<u>223-264-6368</u>
Client ID	<u>149331</u>	Site ID	<u>539134</u>
SIC Code	<u>4952</u>	Municipality	<u>Forks Township</u>
SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>	County	<u>Sullivan</u>
Date Application Received	<u>January 16, 2024</u>	WQM Required	<u>No.</u>
Date Application Accepted	<u>February 07, 2024</u>	WQM App. No.	<u>5701402</u>
Project Description	<u>Issuance of individual NPDES permit due to stream reclassification</u>		

Summary of Review

INTRODUCTION

Daryl Long, property owner, submitted the application for the individual NPDES permit to authorize the discharge from the small flow treatment facility (SFTF) serving his cabin in Cherry Township, Sullivan County.

APPLICATION

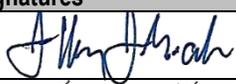
Mr. Long submitted the NPDES Application for Individual Permit to Discharge Sewage Effluent from Small Flow Treatment Facilities (DEP #3800-PM-BCW0018b). This application was received by the Department on January 16, 2024, and considered administratively complete on February 07, 2024. Mr. Engle is both the client and site contact. His additional contact information is (email) rockranch42@gmail.com.

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.

The case file, permit application package and the draft permit will be available for public review at the Department's Northcentral Regional Office. The address is 208 West Third Street, Suite 101, Williamsport, PA 17701. An appointment can be made to review these materials during the comment period by calling the file coordinator at 570-327-3636.

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Approve	Return	Deny	Signatures	Date
X			Jeffrey J. Gocek, EIT Project Manager 	January 26, 2026
X			Nicholas W. Hartranft, PE Environmental Engineer Manager 	January 26, 2026

OUTFALL

The discharge of treated domestic wastewater from this SFTF occurs through Outfall 001. This outfall will be located at latitude 41° 28' 46.07" and longitude -76° 35' 27.37". The design flow of this SFTF is 0.0004 MGD. The discharge is to Loyalsock Creek. The nearest downstream public water supply intake is United Water Pennsylvania, located in Dauphin, PA.

See Attachment 01 for a map.

Q_{7,10} DETERMINATION

A Q_{7,10} flow for this discharge has not been calculated since water quality modeling is not performed for residential small flow treatment facilities.

FACILITY DESCRIPTION

The SFTF consists of two septic tanks (each 558gallons for a total of 1,116 gallons), a dosing tank, two 40 square foot sand filters (total of 80 square feet), an erosion tablet chlorinator and a 611-gallon chlorine contact tank. The effluent is discharged to a roadside ditch, which flows into wetlands and under SR 0154 prior to discharge into Loyalsock Creek. This SFTF serves a three-bedroom recreational cabin. This is not a residence.

This design was approved by Water Quality Management (WQM) permit #5701402, issued June 18, 2001.

See Attachment 02 for the site schematic.

COMPLIANCE HISTORY

The WMS Query *Open Violations by Client Report* revealed no open violations for Mr. Long.

The most recent Department inspection, an administrative inspection, was performed June 17, 2025. Mr. Long was contacted by phone. The Annual Maintenance Report (AMR) for the previous year was submitted in a timely fashion. The most recent facility inspection, a routine partial inspection, was conducted in June 2018. All treatment units were operating and no violations were identified.

DEVELOPMENT OF EFFLUENT LIMITATIONS

Technology-Based Limitations

The following technology-based limitations apply to single residence sewage treatment plants (SRSTPs), subject to water quality analysis and BPJ where applicable:

Parameter	Average	IMAX	Sample Type	Frequency
Flow (GPD)	Report	XXX	Estimate	1/Year
BOD ₅ (mg/L)	10	20	Grab	1/Year
TSS (mg/L)	10	20	Grab	1/Year
TRC (mg/L)	Report	XXX	Grab	1/Month
Fecal Coliform (No./100 mL)	200 (Annual Average)		Grab	1/Year

Water Quality-Based Limitations

In accordance with Department policy, water quality modeling using the PENTOXSD, the WQM and TRC Spreadsheet models is not performed for SRSTPs.

None are proposed.

Best Professional Judgment (BPJ) Limitations

In the absence of applicable effluent guidelines for discharge or pollutant, permit writers must identify and/or develop needed technology- based effluent limitations (TBELs) TBELs on a case-by-case basis, in accordance with the statutory factors specified in the Clean Water Act.

None are proposed.

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RECEIVING STREAMStream Characteristics

The receiving stream is Loyalsock Creek. This stream, according to 25 PA § 93.9L, is protected for *Cold Water Fishes (CWF)* and *Migratory Fishes (MF)*. These are the streams *Designated Uses*, which is defined in 25 PA § 93.1 as “those uses specified in §§ 93.9a – 93.9z for each waterbody or segment whether or not the use is being attained”. Designated uses are regulations promulgated by the Environmental Quality Board (EQB) throughout the rulemaking process. This stream currently has an *Existing Use* of Exceptional Value (EV), the Department’s highest protective status. Existing Use is defined in 25 PA § 93.1 as “those uses actually attained in the waterbody on or after November 28, 1975 whether or not they are included in the water quality standards”.

DEP has evaluated information indicating that the existing use of the receiving waters is different than the designated use under 25 Pa. Code § 93.9. In developing the draft NPDES permit, DEP is proposing to protect the existing use of the receiving waters. Following DEP’s notice of the receipt of the application and the draft permit in the Pennsylvania Bulletin, DEP will accept written comments during the public comment period regarding DEP’s tentative determination to protect the existing use. DEP will make a final determination on existing use protection for the receiving waters as part of the final permit action.

Loyalsock Creek is identified by Department stream code 19804. The stream is located in (Chapter 93) drainage list L and State Water Plan 10B (Loyalsock Creek).

Impairment

This stream is attaining its designated uses for Aquatic Life and Recreation.

INDIVIDUAL PERMIT

Because the receiving stream is now protected for EV, the previous general permit coverage (first issued in 2001) for the discharge cannot be continued as the Department cannot issue general permit coverages in special protection watersheds. The individual NPDES permit will now authorize the treated surface water discharge from this SFTF. The former permit coverage was #PAG045118, first issued June 18, 2001.

CHESAPEAKE BAY TMDL

Nutrient monitoring requirements associated with the Chesapeake Bay TMDL do not apply since the hydraulic design flow of this SFTF is less than 2,000 gallons per day.

SPECIAL PERMIT CONDITIONS

Annual Maintenance Form
 Discharge Monitoring Report Form
 Tank Monitoring
 Pumping Requirement
 Total Residual Chlorine Minimization
 Stormwater Prohibition
 Approval Contingencies
 Proper Waste Disposal
 Municipal Treatment Availability
 Ultraviolet Disinfection Cleaning

SUPPLEMENTAL DISCHARGE MONITORING REPORTS

Annual Maintenance Report
 Non-Compliance Report Form
 Laboratory Accreditation Sheet

CONTINUED on the next page.

ANNUAL MAINTENANCE REPORTS

For this permit, the operative compliance mechanism will be the Annual Maintenance Report (AMR), which is to be submitted annually. No Discharge Monitoring Reports (DMRs) will be utilized. The AMR will also be used to document maintenance activities. The results for the required 1/Year sampling of Flow, BOD5, Total Suspended Solids and Fecal Coliforms are to be reported on the AMR.

PROPOSED EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

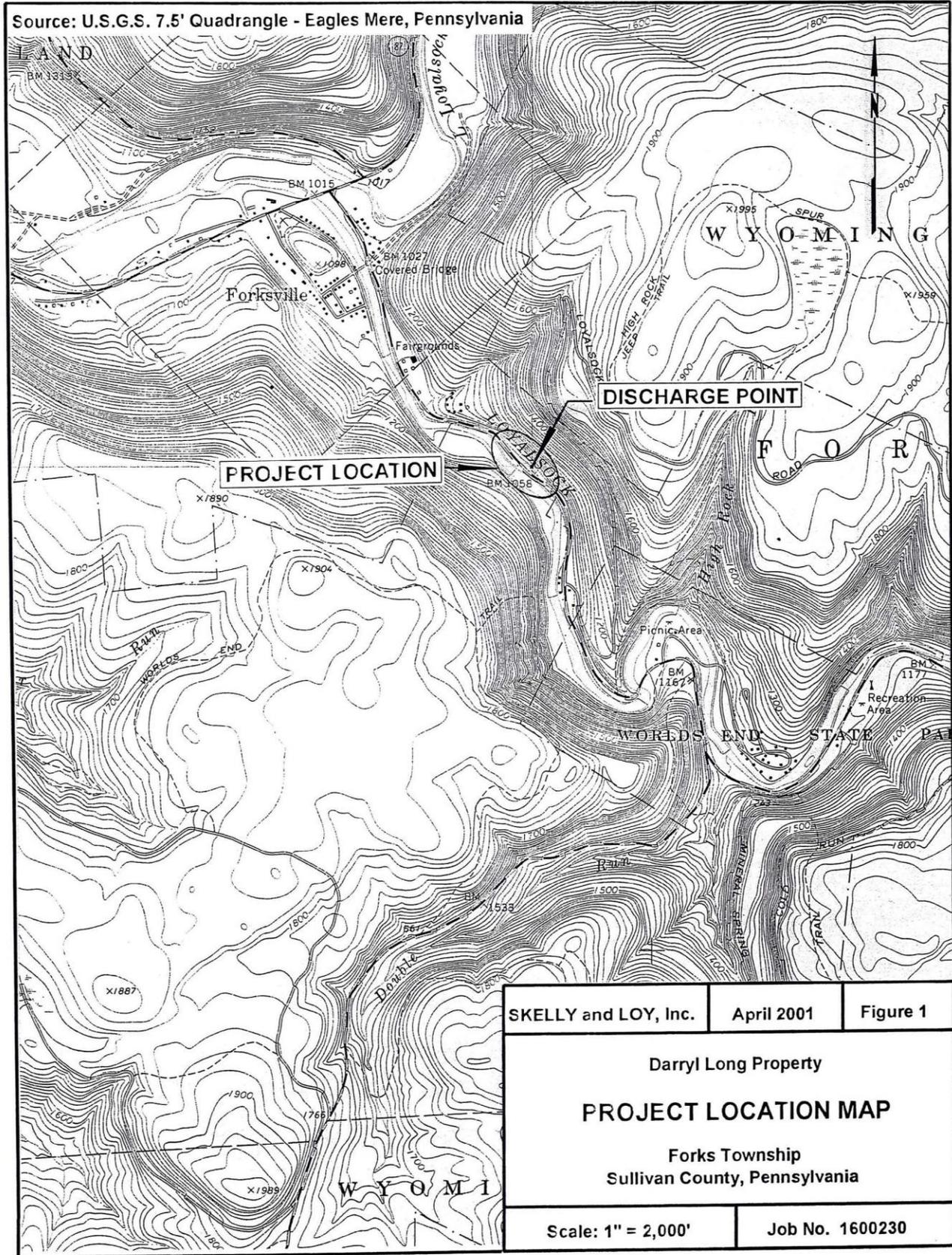
The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001) and/or BPJ.

Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date

Discharge Parameter	Mass Limits (lb/day)		Concentration Limits (mg/L)				Monitoring Requirements	
	Monthly Average	Daily Maximum	Minimum	Monthly Average	Daily Maximum	IMAX	Minimum Measurement Frequency	Required Sample Type
Flow (GPD)	Report Annual Average	XXX	XXX	XXX	XXX	XXX	1/Year	Estimate
BOD5	XXX	XXX	XXX	10	XXX	20	1/Year	Grab
Total Suspended Solids	XXX	XXX	XXX	10	XXX	20	1/Year	Grab
Total Residual Chlorine	XXX	XXX	XXX	Report	XXX	XXX	1/Month	Grab
Fecal Coliform (No./100mL)	XXX	XXX	XXX	200 Annual Average	XXX	XXX	1/Year	Grab

END of Fact Sheet.

ATTACHMENT 01



ATTACHMENT 02

