

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0053546
APS ID 1134487
Authorization ID 1522040

Applicant, Facility and Project Information

Applicant Name <u>Frank Dzedzy</u>	Facility Name <u>Dzedzy Res SRSTP</u>
Applicant Address <u>412 Lincoln Road</u> <u>Phoenixville, PA 19460-2112</u>	Facility Address <u>412 Lincoln Road</u> <u>Phoenixville, PA 19460-2112</u>
Applicant Contact <u>Frank Dzedzy</u>	Facility Contact <u>Frank Dzedzy</u>
Applicant Phone <u>(610) 717-7421</u>	Facility Phone <u>(610) 717-7421</u>
Client ID <u>143549</u>	Site ID <u>236841</u>
SIC Code <u>8811</u>	Municipality <u>East Pikeland Township</u>
SIC Description <u>Services - Private Households</u>	County <u>Chester</u>
Date Application Received <u>April 2, 2025</u>	WQM Required _____
Date Application Accepted _____	WQM App. No. _____
Project Description <u>Permit renewal.</u>	

Summary of Review

The permittee has submitted an NPDES permit renewal application to discharge sewage from a single residence sewage treatment plant to Pickering Creek (HQ-TSF, MF) from Outfall 001.

The facility is serving a residential property and consists of a Norweco individual aerobic treatment unit, pump to sand filter tank, and then chlorinator. Chlorination is conducted by chlorine tablet.

DEP has conducted an inspection of this facility on 6/30/23 with no violations.

There are no changes in the effluent quality and quantity. Previously established limits were carried over. However, CBOD5 annual average for the summer months was changed from Report to 10.0 mg/L to follow the limits in the SOP. For CBOD5 and Ammonia, only one sample must be taken per year, but the time period when this sample is taken determines the limit that applies (Nov 1 - Apr 30 or May 1 - Oct 31).

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>Amy Boginsky</i> Amy Boginsky, MS, EIT / Environmental Engineering Specialist	August 20, 2025
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	08/20/2025

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>.0004</u>
Latitude	<u>40° 6' 14.16"</u>	Longitude	<u>-75° 34' 24.29"</u>
Quad Name	<u>Malvern</u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Pickering Creek (HQ-TSF, MF)</u>	Stream Code	<u>01508</u>
NHD Com ID	<u>25980266</u>	RMI	<u>6.63</u>
Drainage Area	<u></u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u></u>	Q ₇₋₁₀ Basis	<u></u>
Elevation (ft)	<u></u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>3-D</u>	Chapter 93 Class.	<u>HQ-TSF, MF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>CAUSE UNKNOWN</u>		
Source(s) of Impairment	<u>SOURCE UNKNOWN</u>		
TMDL Status	<u></u>	Name	<u></u>

Changes Since Last Permit Issuance: None

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 (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/year	Grab
DO	XXX	XXX	6.0 Inst Min	XXX	XXX	XXX	1/year	Grab
TRC	XXX	XXX	XXX	Report	XXX	Report	1/month	Grab
CBOD5 Nov 1 - Apr 30	XXX	XXX	XXX	20.0	XXX	40	1/year	Grab
CBOD5 May 1 - Oct 31	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	1000	1/year	Grab
Ammonia Nov 1 - Apr 30	XXX	XXX	XXX	6.0	XXX	12	1/year	Grab
Ammonia May 1 - Oct 31	XXX	XXX	XXX	2.0	XXX	4	1/year	Grab

Compliance Sampling Location: Outfall 001