

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0053546
APS ID 1017946
Authorization ID 1317230

Applicant, Facility and Project Information

Applicant Name	<u>Dzedzy Frank</u>	Facility Name	<u>Dzedzy 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</u>
Applicant Contact	<u>Frank Dzedzy</u>	Facility Contact	<u>Frank Dzedzy</u>
Applicant Phone	<u>(610) 917-3567</u>	Facility Phone	<u>(610) 917-3567</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>May 27, 2020</u>	WQM Required	<u></u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>
Project Description	<u>Permit Renewal.</u>		

Summary of Review

The permittee has submitted NPDES permit renewal application to discharge sewage from single resident STP to Pickering Creek (HQ-TSF, MF) from their Outfall 001.

The facility is serving residential property and consists: Norweco individual aerobic treatment, pump station to sand filter tank, chlorinator and outfall. Chlorination is conducted by chlorine tablet.

DEP has conducted inspection report on 9/12/17 (Copy of the report is attached). No issues are found.



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Document

No changes in effluent quality and quantity of the effluent, therefore all previously established effluent limits will be proposed in the draft permit.

See Proposed Effluent Limitations and Monitoring Requirements listed in p. 3 of the fact sheet.

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>Begay Omuralieva</i> Begay Omuralieva / Environmental Engineering Specialist	August 18, 2020
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	08/19/2020

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></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>03D</u>	Chapter 93 Class.	<u>High Quality Waters - Trout Stocking, Mi</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>		

Changes Since Last Permit Issuance:

Other Comments:

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	Report	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.