

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0255271
APS ID 1079845
Authorization ID 1425048

Applicant, Facility and Project Information

Applicant Name	<u>Susan L Eisenbarth</u>	Facility Name	<u>Eisenbarth Properties SRSTP</u>
Applicant Address	<u>136 Donaldson Road</u> <u>Gibsonia, PA 15044</u>	Facility Address	<u>136 Donaldson Road</u> <u>Gibsonia, PA 15044</u>
Applicant Contact	<u>Susan Eisenbarth</u>	Facility Contact	<u>Susan Eisenbarth</u>
Applicant Phone	<u>(818) 388-9758</u>	Facility Phone	<u>(818) 388-9758</u>
Client ID	<u>336283</u>	Site ID	<u>823407</u>
SIC Code	<u>8800</u>	Municipality	<u>West Deer Township</u>
SIC Description	<u>Private Households</u>	County	<u>Allegheny</u>
Date Application Received	<u>January 26, 2023</u>	WQM Required	<u></u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>
Project Description	<u>NPDES permit renewal.</u>		

Summary of Review



The PA Department of Environmental Protection (PADEP/Department) received an NPDES permit renewal from Susan L Eisenbarth (permittee) on January 26, 2023 for permittee's SRSTP located in West Deer Township, Allegheny County. The treated effluent is discharged into an UNT to Deer Creek through Outfall 001. The SRSTP is located in West Deer Township, Allegheny County. The existing permit was expired on August 31, 2022. The renewal application wasn't received by PADEP due to error from PADEP end, so the permit was considered as renewal and the fee for new permit was waived. Renewal NPDES permit applications under Clean Water Program are not covered by PADEP's PDG per 021-2100-001.

This fact sheet is developed in accordance with 40 CFR §124.56

Changes in the permit: CBOD5 is replaced with BOD5.

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
√		Reza H. Chowdhury, E.I.T. / Project Manager 	March 6, 2023
√		 Mahbuba Iasmin, Ph.D., P.E. / Environmental Engineer Manager	March 22, 2023

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	0.0005
Latitude	40° 39' 36.37"	Longitude	-79° 54' 53.37"
Quad Name	Valencia	Quad Code	1306
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary of Deer Creek (CWF)	Stream Code	42360
NHD Com ID	123973333	RMI	0.7400
Watershed No.	18-A	Chapter 93 Class.	CWF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment			
Source(s) of Impairment			
TMDL Status		Name	

Changes Since Last Permit Issuance: None

Other Comments:

Anti-Degradation Requirement

Chapter 93.4a(b) of the Department's rules and regulations require that "Existing instream water uses and the level of water quality necessary to protect the existing uses shall be maintained and protected." The discharge is into a stream segment designated as Cold Water Fishes (CWF). No High-Quality Waters are impacted by this discharge. No Exceptional Value Waters are impacted by this discharge.

Class A Wild Trout Streams:

No Class A Wild Trout Fishery will be impacted by this discharge.

303d Listed Streams:

eMapPA shows the stream as attaining its designated use(s).

Compliance History	
Summary of DMRs:	The application data indicated pH of 8.5 S.U., CBOD5 10 mg/l as max and <4.0 mg/l as average, fecal coliform 11 no./100 ml, TSS of 10 mg/l as max and <5.0 mg/l as average, and TRC of <0.1 mg/l as average.
Summary of Inspections:	ACHD conducted an inspection on 08/28/2019 and didn't note any violation. No flow at the time of inspection, downstream looked good.

Other Comments: None

Treatment Facility summary:

The application was submitted to renew an SRSTP named Eisenbarth SRSTP located in 136 Donaldson Road, Gibsonia, PA 15044. This SRSTP receives and treats an average of 500 GPD of sewage and discharges the disinfected effluent into an UNT to Deer Creek (CWF) in state watershed 18-A through Outfall 001.

The treatment system consists Norweco Singulair Model 960 Aerobic unit, Norweco Bio Film Reactor unit, Norweco LF 1000 Chlorinator, Discharge pipe, and outfall.

The proof that the septic tank was pumped during last three years wasn't submitted which is a violation of Part C.I.D of the current permit. The permittee will be advised to pump the system by a certified hauler before a final permit be issued.

Development of effluent limitations:

Flow monitoring:

Flow monitoring will be continued in this renewal in accordance with DEP's SOP BCW-PMT-003 revised May 17, 2019. The reporting frequency set forth is once a year and sample type is Estimate (for SRSTP.)

Biochemical Oxygen Demand (BOD₅)

The existing average annual CBOD₅ limit of 10 mg/l and IMAX limit of 20 mg/l will be replaced by BOD₅ limits of 10 mg/l as annual average and 20 mg/l as IMAX. These limits are consistent with the SOP.

Total Suspended Solids (TSS)

The existing average annual TSS limit of 10 mg/l and IMAX limit of 20 mg/l will be carried over in this renewal. These limits are consistent with the SOP.

Fecal Coliform:

Existing year-round annual average and IMAX limit of 200 No./100 ml will be carried over.

pH:

Existing Daily minimum pH of 6.0 and Daily Maximum pH of 9.0 S.U. will be carried over in this renewal, per Pa Code 25 Ch. 95.2(1).

Total Residual Chlorine:

Existing permit has reporting requirement for TRC with a monitoring frequency of 4/year. The existing monitoring requirement will be carried over with 1/month sampling since the permittee now resides in the house and can collect monthly samples.

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	9.0 Inst. Max	XXX	1/year	Grab
TRC	XXX	XXX	XXX	Report Avg Mo	XXX	Report	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/year	Grab

Compliance Sampling Location: At discharge from facility

Other Comments: None