

Northwest Regional Office CLEAN WATER PROGRAM

Application Type
Wastewater Type
Facility Type
Sewage
SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0263460

APS ID 1097494

Authorization ID 1456088

olicant Name	Jose	oh Landis	Facility Name	Joseph Landis SRSTP
olicant Address	414 F	reeport Street	Facility Address	414 Freeport Street
	Saxor	nburg, PA 16056-9416	_	Saxonburg, PA 16056-9416
olicant Contact	Josep	h Landis	_ Facility Contact	Joseph Landis
olicant Phone	(724)	448-4135	_ Facility Phone	(724) 448-4135
ent ID	26433	30	Site ID	704510
Code	4952		Municipality	Clinton Township
Description	Trans	. & Utilities - Sewerage Systems	County	Butler
e Application Rece	eived	September 25, 2023	WQM Required	Issued
Application Acce	pted	November 8, 2023	WQM App. No.	

Summary of Review

This is a renewal NPDES Permit for an SRSTP consists of (WQM Permit No. 1008402): 1500-gallon dual chamber septic tank with effluent filter, a 1000-gallon dosing tank, a 792 square ft. subsurface sand filter and UV disinfection. Design flow is 500 GPD.

This permit does not qualify for a PAG-04 General Permit because the discharge is to a high-quality designated stream.

Act 14 - Proof of Notification was submitted and received.

SPECTIAL CONDITIONS: NONE

The EPA waiver is in effect.

There are NO open violations in WMS for the subject Client ID (264330) as of November 8, 2023 11/14/2023 CWY

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
Х		Aeshah Shameseldin Aeshah Shameseldin / Civil Engineer Trainee	November 8, 2023
Х		Chad W. Yurisic Chad W. Yurisic, P.E. / Environmental Engineer Manager	11/14/2023

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Water	ers and Water Supply Inforr	mation	
Outfall No. 001		Design Flow (MGD)	0005
Latitude 40° 43' 45.4	-1"	Longitude	-79º 48' 3.08"
Quad Name Curtisville		Quad Code	40079F7
Wastewater Description:	Sewage Effluent		
Unna Receiving Waters (HQ-	amed Tributary to Sarver Rur TSF)	n Stream Code	
<u> </u>	71222	RMI	
Drainage Area 0.17		Yield (cfs/mi²)	0.1 (Default)
Q ₇₋₁₀ Flow (cfs) 0.01		Q ₇₋₁₀ Basis	Dry Stream
Elevation (ft) 1255		Slope (ft/ft)	
Watershed No. 18-F		Chapter 93 Class.	HQ-TSF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Attaining Use(s)	<u> </u>	
Cause(s) of Impairment			
Source(s) of Impairment			
TMDL Status		Name	
Background/Ambient Data	1	Data Source	
pH (SU)	7.0	Default	
Temperature (°F)	25	Default	
Hardness (mg/L)	100	Default	
Other:			
Nearest Downstream Pub		Harrison Township Water Aut	•
	eny River	_ Flow at Intake (cfs)	2250
PWS RMI <u>24.2</u>		Distance from Outfall (mi)	16.3

Changes Since Last Permit Issuance: None.

Other Comments: AMRs have been submitted. Septic tank was pumped in August 2022.

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.

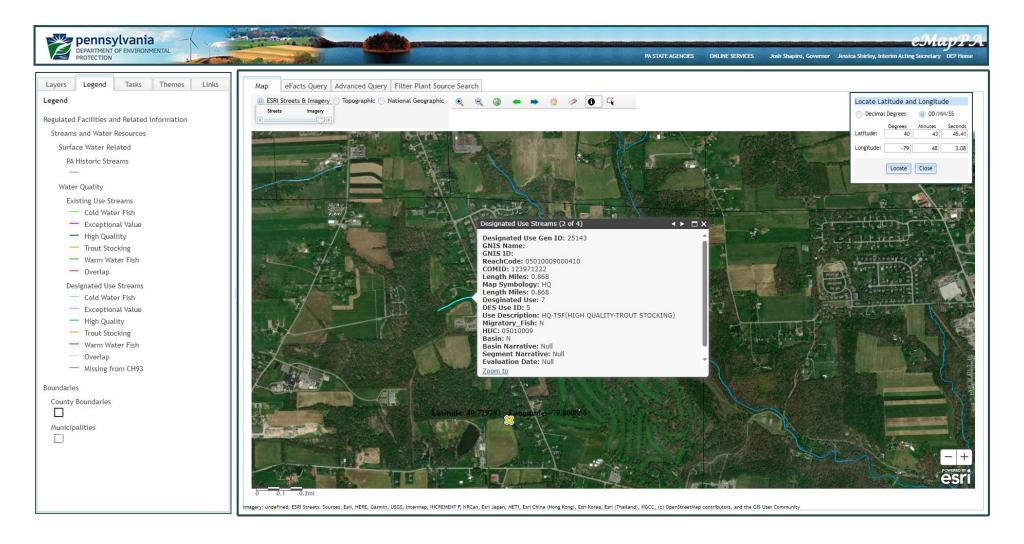
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

			Effluent L	imitations			Monitoring Red	quirements
Parameter	Mass Units	(lbs/day) (1)		Concentrat	tions (mg/L)		Minimum ⁽²⁾	Required
Farameter	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum	Measurement Frequency	Sample Type
Flow (GPD)	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/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: Outfall 001, after disinfection.

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for BOD5, Total Suspended Solids are BPJ-based on the Department's "Small Flow Treatment Facilities Manual." Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7 and the monitoring frequency has been established as "1/month" due to special protection watershed designation (High Quality – HQ).

Outfall Location - eMap with Aerial Imagery



Drainage Area Location – StreamStats with Aerial Imagery

StreamStats Report

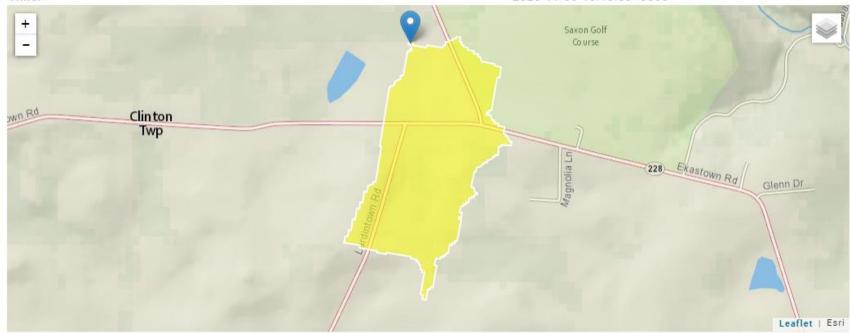
Region ID:

Workspace ID:

Clicked Point (Latitude, Longitude):

Time:

PA PA20231108154332455000 40.72933, -79.80087 2023-11-08 10:43:53 -0500



Collapse All

arameter Code	Parameter Description	Value	Unit
RNAREA	Area that drains to a point on a stream	0.17	square miles