

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0264644
APS ID 1051681
Authorization ID 1376222

Applicant, Facility and Project Information

Applicant Name	<u>Libby Abbey</u>	Facility Name	<u>Libby Abbey SRSTP</u>
Applicant Address	<u>2867 Cobham Park Road</u> <u>Warren, PA 16365-8310</u>	Facility Address	<u>2867 Cobham Park Road</u> <u>Warren, PA 16365-8310</u>
Applicant Contact	<u>Libby Abbey</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 688-1454</u>	Facility Phone	<u></u>
Applicant Email	<u>Llauffy33@gmail.com</u>		
Client ID	<u>329592</u>	Site ID	<u>815677</u>
SIC Code	<u>4952,8800</u>	Municipality	<u>Glade Township</u>
SIC Description	<u>Private Households,Trans. & Utilities - Sewerage Systems</u>	County	<u>Warren</u>
Date Application Received	<u>November 15, 2021</u>	WQM Required	<u>Issued</u>
Date Application Accepted	<u>March 13, 2024</u>	WQM App. No.	<u>6216403</u>
Project Description	<u>Renewal NPDES Permit for a Single Residence Sewage Treatment Plant</u>		

Summary of Review

Renewal NPDES Permit for an SRSTP consists of a Norweco Singulair Model 960 aerobic unit with a built-in chlorinator with a surface discharge. *This facility does not qualify for coverage under the PAG-04 General Permit since the Norweco unit is not accompanied by the biofilm reactor. JCD*

June 1, 2020 through May 31, 2021 Annual Maintenance Report (AMR) received on February 11. 2021 placed BOD5 at 237-mg/L, TSS at 258-mg/L, fecal coliform at 2420 per 100ml with a 400-gpd discharge. Septage was last removed on March 24, 2021.

Act 14 – Proof of Notification was submitted and received.

SPECIAL CONDITIONS: NONE

The EPA waiver is in effect.

There are NO open violations in WMS for the subject Client ID (329592) as of March 25, 2024.

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		Aeshah Shameseldin Aeshah Shameseldin / Civil Engineer	March 25, 2024
		Vacant / Environmental Engineer Manager	Okay to Draft JCD 3/25/2024

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>41° 51' 26.4"</u>	Longitude	<u>-79° 5' 18.87"</u>
Quad Name	<u>Clarendon</u>	Quad Code	<u>41079G1</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Glade Run (CWF)</u>	Stream Code	<u>56492</u>
NHD Com ID	<u>112373843</u>	RMI	<u>2.87</u>
Drainage Area	<u></u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Q ₇₋₁₀ Basis	<u>Dry Ditch</u>
Elevation (ft)	<u>1556</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>16-B</u>	Chapter 93 Class.	<u>CWF</u>
Existing Use	<u>---</u>	Existing Use Qualifier	<u>---</u>
Exceptions to Use	<u>---</u>	Exceptions to Criteria	<u>---</u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u>---</u>		
Source(s) of Impairment	<u>---</u>		
TMDL Status	<u>---</u>	Name	<u>---</u>
Background/Ambient Data		Data Source	
pH (SU)	<u>7.0</u>	Default	<u></u>
Temperature (°F)	<u>68</u>	Default	<u></u>
Hardness (mg/L)	<u>100</u>	Default	<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>Aqua Pennsylvania, Inc. - Emlenton</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>1,376</u>
PWS RMI	<u>90.0</u>	Distance from Outfall (mi)	<u></u>

Changes Since Last Permit Issuance: WQM was issued to Libby Lauffenburger. A WQM name change is necessary for a consistent name for both the NPDES and WQM permits.

Other Comments: 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 (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	Upon Request	Grab
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab
BOD5	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

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.

Outfall Location - eMap with Aerial Imagery

The screenshot displays the Pennsylvania eMapPA web application interface. At the top, the Pennsylvania Department of Environmental Protection logo is on the left, and navigation links for PA State Agencies, Online Services, and state officials are on the right. The main interface is divided into a left-hand legend and a central map area.

Legend:

- Regulated Facilities and Related Information
- Streams and Water Resources
 - Water Quality
 - Existing Use Streams
 - Cold Water Fish
 - Exceptional Value
 - High Quality
 - Trout Stocking
 - Warm Water Fish
 - Overlap
 - Designated Use Streams
 - Cold Water Fish
 - Exceptional Value
 - High Quality
 - Trout Stocking
 - Warm Water Fish
 - Overlap
 - Missing from CH93
 - Boundaries
 - County Boundaries
 - Municipalities

Map Area:

The map shows aerial imagery with a cyan line representing a stream. A yellow crosshair is positioned on the stream with the text "Latitude: 41.857333 Longitude". A popup window titled "Designated Use Streams (1 of 3)" is open, displaying the following data:

Designated Use Gen ID:	15917
GNIS Name:	Glade Run
GNIS ID:	01209634
ReachCode:	05010001000649
COMID:	112373843
Length Miles:	1.14
Map Symbology:	CWF
Length Miles:	1.14
Designated Use:	1
DES Use ID:	1
Use Description:	CWF(COLD WATER FISHES)
Migratory Fish:	N
HUC:	05010001
Basin:	N
Basin Narrative:	Null
Segment Narrative:	Null
Evaluation Date:	Null

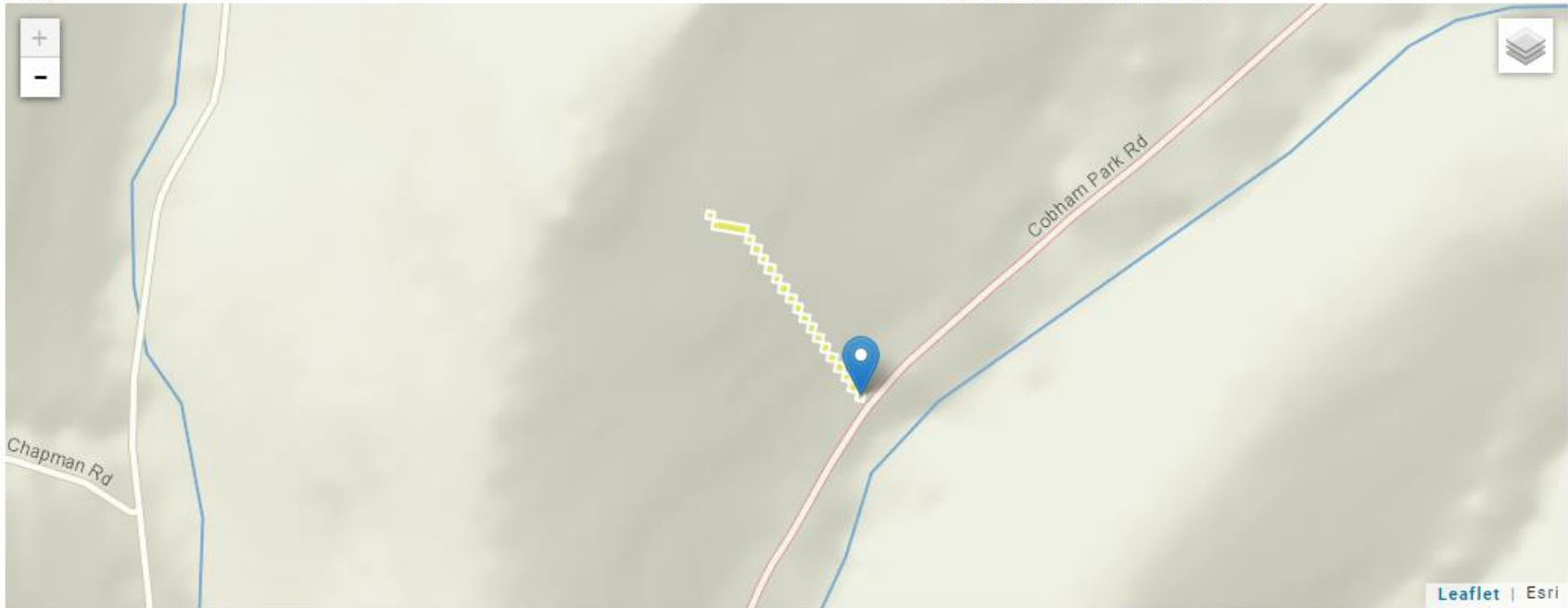
Additional interface elements include a "Locate Latitude and Longitude" panel on the right with input fields for Degrees, Minutes, and Seconds for both Latitude and Longitude, and a scale bar at the bottom left of the map area.

Drainage Area Location – StreamStats with Aerial Imagery

StreamStats Report

Region ID:
Workspace ID:
Clicked Point (Latitude, Longitude):
Time:

PA
PA20240313144503331000
41.85733, -79.08859
2024-03-13 10:45:24 -0400



+ Collapse All

> Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.00085	square miles