pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Southwest Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0255041**
Wastewater Type	**Sewage**	APS ID	**1048660**
Facility Type	**SRSTP**	Authorization ID	**1371060**

NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP

Applicant, Facility and Project Information

Applicant Name	**Kibler William**	Facility Name	**Kibler SRSTP**
Applicant Address	PO Box 96	Facility Address	752 3rd Avenue
	Hastings, PA 16646-0096		Hastings, PA 16646-8902
Applicant Contact	William Kibler	Facility Contact	William Kibler
Applicant Phone	(814) 659-6663	Facility Phone	(814) 659-6663
Client ID	325934	Site ID	813771
SIC Code	8811	Municipality	Elder Township
SIC Description	Services - Private Households	County	Cambria
Date Application Received	September 27, 2021	WQM Required	Yes
Date Application Accepted	November 2, 2021	WQM App. No.	1116405

Project Description .Renewal

Summary of Review

The applicant has applied for a renewal of NPDES Permit No. PA0255041, which was previously issued by the Department on July 14, 2016. That permit expired on July 31, 2021.

The discharge is to UNT to Brubaker Run, which is classified as at CWF located in State Watershed 8-B.

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		Jordan T Coldsmith	November 2, 2021
		Jordan Coldsmith / Environmental Engineering Specialist	
X			November 23, 2021
		Christopher Kriley, P.E. / Program Manager	

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	.0004
Latitude	40º 39' 31.21"	Longitude	-78º 41' 35.02"
Quad Name	Hastings	Quad Code	45
Wastewater Description:	Sewage Effluent		
Receiving Waters	Unnamed Tributary of Brubaker Run (CWF, MF)	Stream Code	26858
NHD Com ID	61837225	RMI	0.3800
Drainage Area	0.26	Yield (cfs/mi^2)	0.044231
Q_{7-10} Flow (cfs)	0.0115	Q_{7-10} Basis	USGS Streamstat
Elevation (ft)	2038	Slope (ft/ft)	
Watershed No.	8-B	Chapter 93 Class.	CWF, MF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Impaired		
Cause(s) of Impairment	METALS, SILTATION, SULFATE		
Source(s) of Impairment	ACID MINE DRAINAGE, REMOVAL OF RIPARIAN VEGETATION, SOURCE UNKNOWN		
TMDL Status	Final	Name	Chest Creek Sediment TMDL

Background/Ambient Data		Data Source
pH (SU)		
Temperature (°F)		
Hardness (mg/L)		
Other:		

Nearest Downstream Public Water Supply Intake			
PWS Waters		Flow at Intake (cfs)	
PWS RMI		Distance from Outfall (mi)	

Changes Since Last Permit Issuance: None

Other Comments: N/A

Treatment Facility Summary				
Treatment Facility Name: Kibler SRSTP				
WQM Permit No.	**Issuance Date**			
1116405	07/14/2016			
Waste Type	**Degree of Treatment**	**Process Type**	**Disinfection**	**Avg Annual Flow (MGD)**
Sewage	Secondary	Extended Aeration	Hypochlorite	0.0004
Hydraulic Capacity (MGD)	**Organic Capacity (lbs/day)**	**Load Status**	**Biosolids Treatment**	**Biosolids Use/Disposal**
0.0004		Not Overloaded		Other WWTF

Changes Since Last Permit Issuance: None

Other Comments: The facility consists of one 450 gallon pretreatment tank, followed by a 650 gallon extended aeration tank. From this tank, the wastewater flows to a 200 gallon final clarification. Final filtration is accomplished with a micronically modeled filter. A tablet feeder provides disinfection prior to discharge. The tablets are Calcium Hypochlorite tablets.

Compliance History

Operations Compliance Check Summary Report

Facility: Kibler SRSTP

NPDES Permit No.: PA0255041

Compliance Review Period: 11/2016 – 11/2021

Inspection Summary:

INSP ID	INSPECTED DATE	INSP TYPE	AGENCY	INSPECTION RESULT DESC
3236934	08/19/2021	Administrative/File Review	PA Dept of Environmental Protection	No Violations Noted

Violation Summary:

No violations

Open Violations by Client ID:

No open violations for client ID 325934

Enforcement Summary:

No enforcements

DMR Violation Summary:

No DMR exceedances.

Compliance Status:

Permittee is in compliance.

Completed by: John Murphy

Completed date: 11/9/2021

Development of Effluent Limitations

Outfall No. 001 **Design Flow (MGD)** 0.0004
Latitude 40º 39' 31.21" **Longitude** -78º 41' 35.02"
Wastewater Description: Sewage Effluent

Technology-Based Limitations

The following effluent limitations and monitoring requirements, at a minimum, will be established in all new and renewed SFTF permits based on the requirements of DEP's "Standard Operating Procedure (SOP) for Clean Water Program New and Reissuance Small Flow Treatment Facility Individual NPDES Permit Application" (SOP No. BCW-PMT-003, Version 1.8, Final, November 9, 2012, Revised May 17, 2019).

Parameter	Avg	IMAX	Sample Type	Frequency: SFTFs	Frequency: SRSTPs
Flow (GPD)	Report	XXX	Estimate (SRSTPs) Measured (SFTFs)	1/month	1/year
BOD5 (mg/L)	10	20	Grab	1/month	1/year
TSS (mg/L)	10	20	Grab	1/month	1/year
pH*	6.0 S.U. Inst. Min.	9.0 S.U.	Grab	1/month	1/year
TRC (mg/L)	Report for SRSTPs; Use TRC Spreadsheet to determine WQBELs or 0.02 mg/L for SFTFs		Grab	1/month	1/Month
Fecal Coliform (No./100 ml)	200 Geometric Mean (SFTFs) / Average (SRSTPs)		Grab	1/month	1/year

***** Technology-Based effluent limits for pH will be imposed based upon Federal Regulation 133.102(c) and State Regulation 95.2(1).

Comments: Testing Frequency for TRC has been changed from 1/quarter, as stated in pervious permit, to 1/month per the requirements of DEP SOP No. BCW-PMT-003

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.

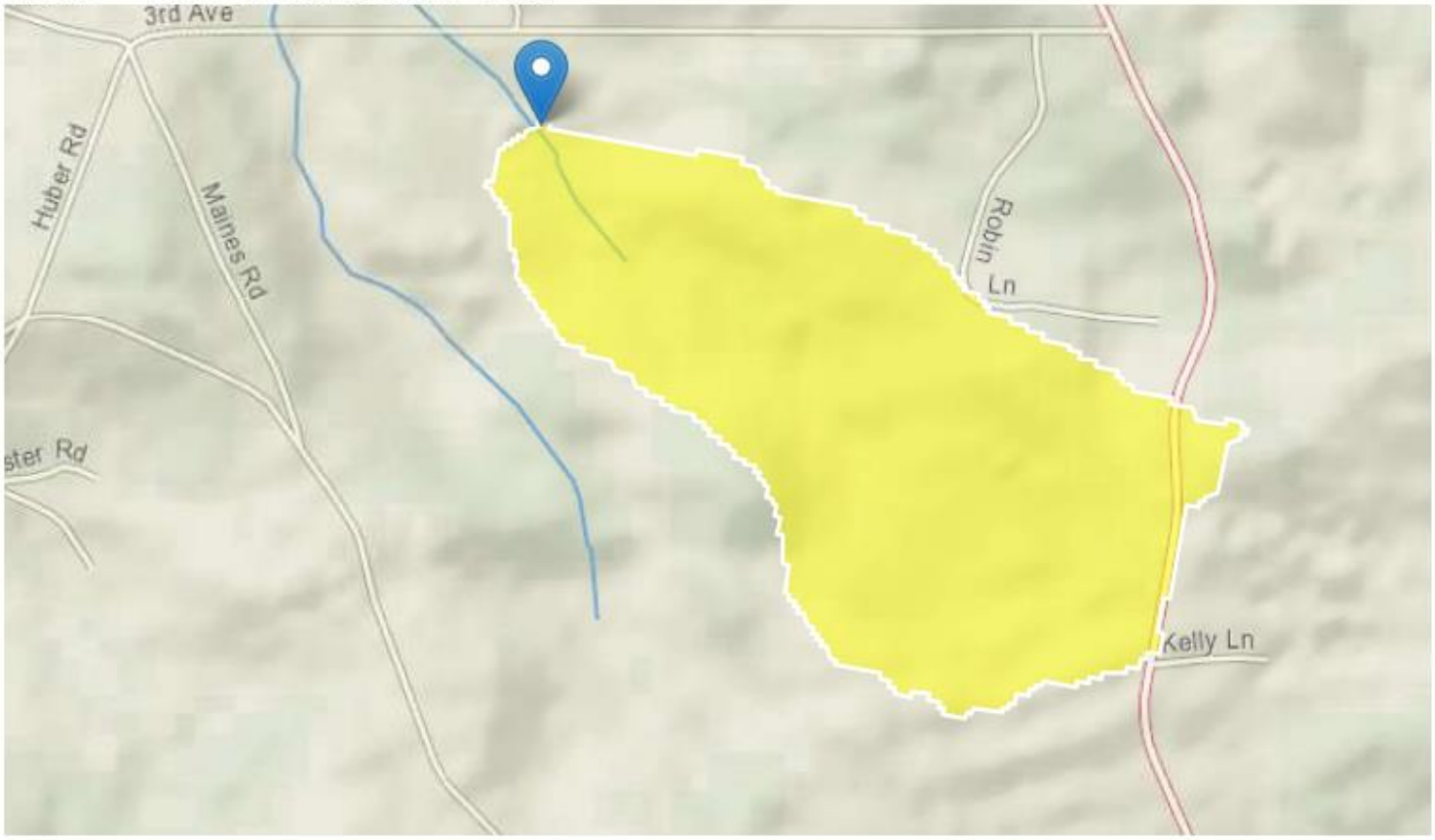
Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) (1)		Concentrations (mg/L)				Minimum (2) Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/year	Grab
TRC	XXX	XXX	XXX	Report Avg Mo	XXX	XXX	1/month	Grab
CBOD5	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: 001

Other Comments: None

Kibler SRSTP

Region ID: PA
Workspace ID: PA20211105171820429000
Clicked Point (Latitude, Longitude): 40.65868, -78.69305
Time: 2021-11-05 13:18:39 -0400



Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.26	square miles
ELEV	Mean Basin Elevation	2038	feet
PRECIP	Mean Annual Precipitation	43	inches

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.26	square miles	2.33	1720
ELEV	Mean Basin Elevation	2038	feet	898	2700
PRECIP	Mean Annual Precipitation	43	inches	38.7	47.9

Low-Flow Statistics Disclaimers [Low Flow Region 3]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors

Low-Flow Statistics Flow Report [Low Flow Region 3]

Statistic	Value	Unit
7 Day 2 Year Low Flow	0.0312	ft^3/s
30 Day 2 Year Low Flow	0.0464	ft^3/s
7 Day 10 Year Low Flow	0.0115	ft^3/s
30 Day 10 Year Low Flow	0.0165	ft^3/s
90 Day 10 Year Low Flow	0.0252	ft^3/s

Low-Flow Statistics Citations

Stuckey, M.H.,2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p. (http://pubs.usgs.gov/sir/2006/5130/)