pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Southwest Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0217794**
Wastewater Type	**Sewage**	APS ID	**1098726**
Facility Type	**SFTF**	Authorization ID	**1458122**

NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP

Applicant, Facility and Project Information

Applicant Name	**Camman Ind**	Facility Name	**Camman Ind STP**
Applicant Address	111 Strawcutter Road	Facility Address	111 Strawcutter Road
	Derry, PA 15627-3615		Derry, PA 15627
Applicant Contact	Keith Enos	Facility Contact	Same as applicant
Applicant Phone	(724) 539-7670	Facility Phone	Same as applicant
Client ID	134710	Site ID	481818
SIC Code	4952	Municipality	Derry Township
SIC Description	Trans. & Utilities - Sewerage Systems	County	Westmoreland
Date Application Received	October 13, 2023	WQM Required	Yes
Date Application Accepted	October 16, 2023	WQM App. No.	6597412

Project Description: Renewal of an NPDES permit

Summary of Review

The applicant has applied for a renewal of NPDES Permit No. PA0217794, which was previously issued by the Department on April 1, 2019. This permit is currently set to expire on March 31, 2024.

The discharge is to UNT to Union Run, which is classified as a WWF located in State Watershed 18-C.

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 Jordan Coldsmith / Environmental Engineering Specialist	November 29, 2023
		Mahbuba Iasmin, Ph.D. / Environmental Engineering Manager	

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	.00088
Latitude	40º 20' 54.16"	Longitude	-79º 22' 43.32"
Quad Name	Latrobe	Quad Code	40079C4
Wastewater Description:	Sewage Effluent		

Receiving Waters	Union Run (WWF)	Stream Code	43417
NHD Com ID	125292736	RMI	0.36
Drainage Area	7.09	Yield (cfs/mi^2)	0.0295
Q_{7-10} Flow (cfs)	0.209	Q_{7-10} Basis	USGS StreamStat
Elevation (ft)	1149	Slope (ft/ft)	-
Watershed No.	18-C	Chapter 93 Class.	WWF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Impaired		
Cause(s) of Impairment	METALS, PH, TOTAL SUSPENDED SOLIDS (TSS)		
Source(s) of Impairment	ACID MINE DRAINAGE, ACID MINE DRAINAGE, ACID MINE DRAINAGE		
TMDL Status	Final, Tentative	Name	Kiskiminetas-Conemaugh River Watersheds TMDL,Union Run

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

Nearest Downstream Public Water Supply Intake	BUFFALO TWP MUN AUTH FREEPORT		
PWS Waters	Allegheny River (WWF)	Flow at Intake (cfs)	
PWS RMI		Distance from Outfall (mi)	47.1

Changes Since Last Permit Issuance: None

Other Comments: N/A

Treatment Facility Summary

Treatment Facility Name: Camman Ind STP

WQM Permit No.	Issuance Date
6597412	4/14/1998
6597412 T-1	10/20/1998

Waste Type	Degree of Treatment	Process Type	Disinfection	Avg Annual Flow (MGD)
Sewage	Tertiary	Extended Aeration With Solids Removal	No Disinfection	0.00088

Hydraulic Capacity (MGD)	Organic Capacity (lbs/day)	Load Status	Biosolids Treatment	Biosolids Use/Disposal
0.00088		Not Overloaded		

Changes Since Last Permit Issuance: None

Other Comments: This facility consists of:

- Septic Tank
- Dosing tank
- Subsurface Sand Filter

Development of Effluent Limitations

Outfall No. 001 **Design Flow (MGD)** .00088
Latitude 40º 21' 0.00" **Longitude** -79º 22' 43.00"
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/year
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).

Additional Considerations:

In a previous permit limits for CBOD5, TSS, Ammonia Nitrogen and DO were imposed in accordance with the Department's "Implementation Guidance for Evaluating Wastewater Discharges to Drainage Swales and Ditches". However, SFTFs were exempt from the advance treatment requirements listed in this guidance and are still exempt. The Permittee has not been able to meet the Ammonia Nitrogen limits that were added. Therefore, per section 402(o)(2)(B)(ii) of the clean water act, the previously imposed CBOD5, Ammonia Nitrogen, Fecal coliform IMAX, and DO limits will be removed.

Per the Standard Operating Procedure (SOP) for Clean Water Program New and Reissuance Small Flow Treatment Facility Individual NPDES Permit Application BOD5 limits will be added.

Previous limits for TRC and Fecal Coliform will again be imposed.

SFTFs/SRSTPs are not required to monitor for Total Nitrogen and Total Phosphorus in new and reissued permits.

The receiving stream is not impaired for nutrients.

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.

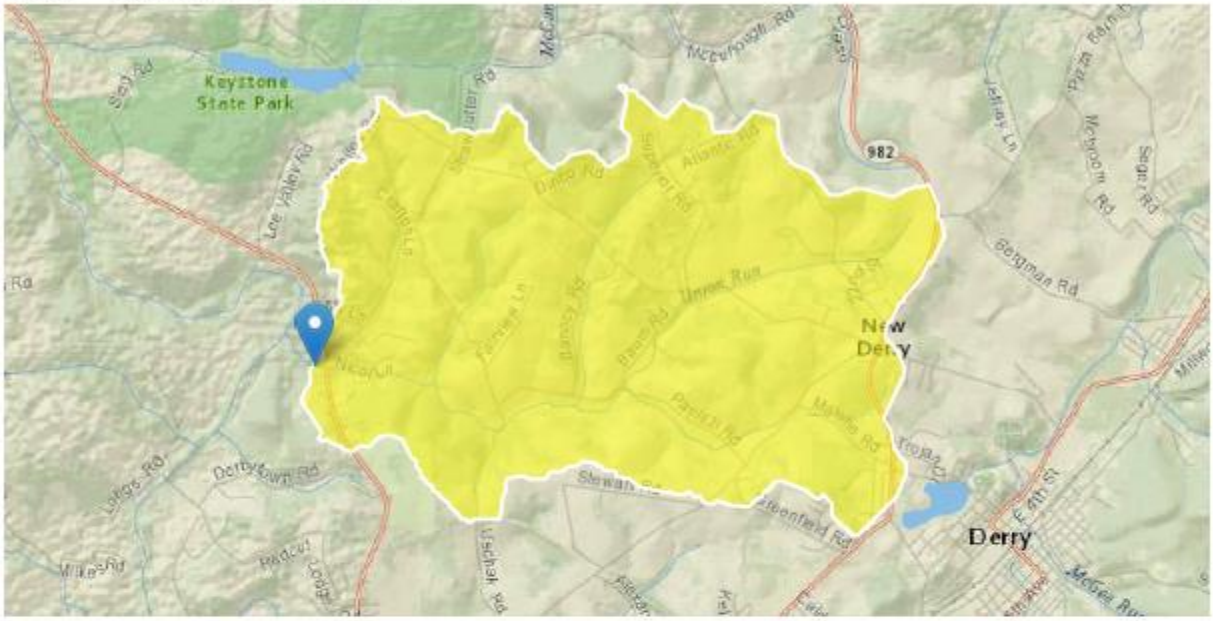
Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) (1)		Concentrations (mg/L)				Minimum (2) Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	0.00088	XXX	XXX	XXX	XXX	XXX	1/month	Measured
pH (S.U.)	XXX	XXX	6.0 Daily Min	XXX	9.0 Daily Max	XXX	1/month	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.6	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
TSS	XXX	XXX	XXX	10	XXX	20	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/month	Grab

Compliance Sampling Location: Outfall 001

Other Comments: N/A

StreamStats Report

Region ID: PA
Workspace ID: PA20231121195257395000
Clicked Point (Latitude, Longitude): 40.34864, -79.38045
Time: 2023-11-21 14:53:20 -0500



Collapse All

Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	7.09	square miles
ELEV	Mean Basin Elevation	1149	feet
PRECIP	Mean Annual Precipitation	41	inches

Low-Flow Statistics

Low-Flow Statistics Parameters [Low Flow Region 3]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	7.09	square miles	2.33	1720
ELEV	Mean Basin Elevation	1149	feet	898	2700

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
PRECIP	Mean Annual Precipitation	41	inches	38.7	47.9

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

PIL: Lower 90% Prediction Interval, PIU: Upper 90% Prediction Interval, ASEp: Average Standard Error of Prediction, SE: Standard Error (other -- see report)

Statistic	Value	Unit	SE	ASEp
7 Day 2 Year Low Flow	0.526	ft^3/s	43	43
30 Day 2 Year Low Flow	0.764	ft^3/s	38	38
7 Day 10 Year Low Flow	0.209	ft^3/s	54	54
30 Day 10 Year Low Flow	0.313	ft^3/s	49	49
90 Day 10 Year Low Flow	0.47	ft^3/s	41	41

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/)

Application Version: 4.18.1
StreamStats Services Version: 1.2.22
NSS Services Version: 2.2.1