

Application Type Renewal
Facility Type Non-Municipal
Major / Minor Minor

**NPDES PERMIT FACT SHEET
INDIVIDUAL SEWAGE**

Application No. PA0063797
APS ID 642450
Authorization ID 1254328

Applicant and Facility Information

Applicant Name	<u>Pocono Valley Personal Care (PACONA Corporation)</u>	Facility Name	<u>Gluco Lodge Wastewater Treatment Plant</u>
Applicant Address	<u>1127 Kemmertown Road</u> <u>Stroudsburg, PA 18360-6799</u>	Facility Address	<u>1127 Kemmertown Road</u> <u>Stroudsburg, PA 18360-6799</u>
Applicant Contact	<u>Jerome Perry, Owner</u>	Facility Contact	<u>Jerome Perry, Owner</u>
Applicant Phone	<u>(570) 992-5754</u>	Facility Phone	<u>(570) 922-5754</u>
Client ID	<u>136007</u>	Site ID	<u>482739</u>
Ch 94 Load Status	<u>-</u>	Municipality	<u>Hamilton Township</u>
Connection Status	<u>-</u>	County	<u>Monroe</u>
Date Application Received	<u>November 27, 2018</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>December 7, 2018</u>	If No, Reason	<u>-</u>
Purpose of Application	<u>Renewal of NPDES permit for discharge of treated sewage.</u>		

Summary of Review

The applicant is requesting the renewal of an NPDES permit to discharge up to 0.0065 MGD of treated sewage into an Unnamed Tributary to Cherry Creek, a High Quality, Cold-Water Fishery, Migratory Fish (HQ, CWF, MF) receiving stream in State Water Plan Basin 1-E (Brodhead Creek). As per the Department's current existing use list, the receiving stream does not have an existing use classification that is more protective than its designated use. This stream segment is not designated as a naturally reproducing trout stream as per PA Fish & Boat Commission. This discharge is not expected to affect public water supplies.

Limitations for pH and Fecal Coliform are technology-based and carried over from the previous permit. Limitations for Dissolved Oxygen (DO), Total Residual Chlorine (TRC), CBOD₅, Total Suspended Solids (TSS), and Ammonia-Nitrogen are water quality-based and carried over from the previous permit. WQM 7.0 and the TRC Calculation Spreadsheet did not recommend stricter limits.

The annual monitoring and reporting for Total Nitrogen, Total Phosphorous, Total Kjeldahl Nitrogen, and Nitrate-Nitrite as N has been maintained in this permit.

Monitoring frequencies for all parameters with limitations have been updated to the recommended frequencies found in Table 6-3 of DEP's Technical Guidance for the Development and Specification of Effluent Limitations (Document No. 362-0400-001).

There are no representative stream gages in the vicinity of the outfall. The state-wide default low flow yield (LFY) of 0.1 cfs/mi² was used to model the discharge. RMI values were obtained using the Department's eMapPA, drainage areas were delineated using USGS's StreamStats interactive map, and elevations were obtained using the elevation profile tool on StreamStats.

Approve	Deny	Signatures	Date
X		/s/ Allison Seyfried / Environmental Engineering Specialist	August 2, 2019
X		/s/ Amy M. Bellanca, P.E. / Environmental Engineer Manager	August 2, 2019

Summary of Review

As per the permittee's Sewage Sludge and Biosolids Supplemental Report forms, sludge is hauled to the Greater Hazelton WWTF in Hazleton, PA by Borger Septic.

The existing permit expired on May 31, 2019 and the application for renewal was received on time.

A Water Management System Inspection query indicated that on 12/28/2017 a Compliance Evaluation was performed.

There is currently one open violation for this client that may need to be resolved before issuance of the final permit:

1. 12/28/2017 - Violation ID 805952 – Violation Code 92A.41(A)5 – NPDES-Failure to properly operate and maintain all facilities which are installed or used by the permittee to achieve compliance (Program Specific ID: PA0063797).



Watershed Info -
Pocono Valley Perso



TRC_CALC - Pocono
Valley Personal Care



WQM 7.0 - Gluco
Lodge.pdf

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.

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	0.0065
Latitude	40° 56' 1.19"	Longitude	-75° 14' 44.73"
Quad Name	Stroudsburg	Quad Code	
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary of Cherry Creek (HQ-CWF, MF)	Stream Code	4759
NHD Com ID	26175038	RMI	0.302
Drainage Area	2.36 mi ²	Yield (cfs/mi ²)	0.10
Q ₇₋₁₀ Flow (cfs)	0.236	Q ₇₋₁₀ Basis	State-wide Default
Elevation (ft)	420.7	Slope (ft/ft)	-
Watershed No.	1-E	Chapter 93 Class.	HQ-CWF, MF
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 -		
Nearest Downstream Public Water Supply Intake	Easton Area Water System		
PWS Waters	Delaware River	Flow at Intake (cfs)	-
PWS RMI	110.4	Distance from Outfall (mi)	≈ 39

Treatment Facility Summary				
Treatment Facility Name: Gluco Lodge Wastewater Treatment Plant				
Waste Type	Degree of Treatment	Process Type	Disinfection	Avg Annual Flow (MGD)
Sewage	Secondary	Aeration with sand filter	Chlorination	0.0018
Hydraulic Capacity (MGD)	Organic Capacity (lbs/day)	Load Status	Biosolids Treatment	Biosolids Use/Disposal
0.0065	17.2	-	-	Hauled

Development of Effluent Limitations

Outfall No. 001 **Design Flow (MGD)** 0.0065
Latitude 40° 56' 1.00" **Longitude** -75° 14' 46.00"
Wastewater Description: Sewage Effluent

Technology-Based Limitations

The following technology-based limitations apply, subject to water quality analysis and BPJ where applicable:

Pollutant	Limit (mg/l)	SBC	Federal Regulation	State Regulation
pH	6.0 – 9.0 S.U.	Min – Max	133.102(c)	95.2(1)
Fecal Coliform (5/1 – 9/30)	200 / 100 ml	Geo Mean	-	92a.47(a)(4)
Fecal Coliform (5/1 – 9/30)	1,000 / 100 ml	IMAX	-	92a.47(a)(4)
Fecal Coliform (10/1 – 4/30)	2,000 / 100 ml	Geo Mean	-	92a.47(a)(5)
Fecal Coliform (10/1 – 4/30)	10,000 / 100 ml	IMAX	-	92a.47(a)(5)
Total Residual Chlorine	0.5	Average Monthly	-	92a.48(b)(2)

Water Quality-Based Limitations

The following limitations were determined through water quality modeling:

Parameter	Limit (mg/l)	SBC	Model
Ammonia-Nitrogen (May 1 - Oct 31)	1.5	Average Monthly	Existing ABACT Tech limit more protective than WQBEL.
	3.0	IMAX	
Ammonia-Nitrogen (Nov 1 - Apr 30)	4.5	Average Monthly	
	9.0	IMAX	
CBOD ₅	10.0	Average Monthly	
	20.0	IMAX	
Total Suspended Solids	10.0	Average Monthly	
	20.0	IMAX	
Dissolved Oxygen	6.0	Minimum	
Total Residual Chlorine	1.17	IMAX	

Anti-Backsliding

No limitations were made less stringent.