

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SFTF

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

Application No. PA0053244  
APS ID 1151271  
Authorization ID 1550579

**Applicant, Facility and Project Information**

Applicant Name	<u>Charles Adcock DbA The Valley Queen</u>	Facility Name	<u>Valley Queen Apt</u>
Applicant Address	<u>13 Bennington Place</u> <u>Newtown, PA 18940-1701</u>	Facility Address	<u>1058 Little Road</u> <u>Washington Crossing, PA 18977</u>
Applicant Contact	<u>Charles Adcock</u>	Facility Contact	<u>Charles Adcock</u>
Applicant Phone	<u>(215) 669-9054</u>	Facility Phone	<u>(215) 669-9054</u>
Client ID	<u>277211</u>	Site ID	<u>236837</u>
SIC Code	<u>4952</u>	Municipality	<u>Upper Makefield Township</u>
SIC Description	<u>Trans. &amp; Utilities - Sewerage Systems</u>	County	<u>Bucks</u>
Date Application Received	<u>November 24, 2025</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>N/A</u>	WQM App. No.	<u>N/A</u>
Project Description	<u>Permit Renewal.</u>		

**Summary of Review**

This application was received to renew a NPDES permit. This is a Small Flow Treatment Facility (SFTF) with a design flow of 1,400 gallons per day (gpd), which is discharged to Houghs Creek (WWF). The limitations, monitoring frequency and sample type are the same in this renewal as the existing permit

The treatment plant is Norweco package treatment plant consisting of a primary scum baffle, aeration tank, clarifier, two sand filters, and a chlorination tank. The plant was permitted around 1990.

Act 14 Notifications:

Upper Makefield Twp: Received 11-24-2025  
Bucks County: Received 11-24-2025

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		<i>Christian French</i> Christian French / Environmental Engineering Specialist	April 10, 2026
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	April 10, 2026

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>.0014</u>
Latitude	<u>40° 17' 3.54"</u>	Longitude	<u>-74° 52' 52.28"</u>
Quad Name	<u>Lambertville</u>	Quad Code	<u>1646</u>
Wastewater Description: <u>Effluent</u>			
Receiving Waters	<u>Houghs Creek (WWF)</u>	Stream Code	<u>02958</u>
NHD Com ID	<u>26043928</u>	RMI	<u>1.5 miles</u>
Drainage Area	<u>3.49 square miles</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.015</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.0528</u>	Q <sub>7-10</sub> Basis	<u>PA Streamstats</u>
Elevation (ft)	<u>85.3</u>	Slope (ft/ft)	<u>0.00458</u>
Watershed No.	<u>2-E</u>	Chapter 93 Class.	<u>WWF</u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u>None</u>		
Source(s) of Impairment	<u>N/A</u>		
TMDL Status	<u>None</u>	Name	<u>N/A</u>
Background/Ambient Data		Data Source	
pH (SU)	<u>7</u>	<u>TRG WQM (391-2000-007 default data)</u>	
Temperature (°F)	<u>68 (20 °C)</u>	<u>TRG WQM (391-2000-007 default data)</u>	
Nearest Downstream Public Water Supply Intake	<u>None downstream on Houghs Creek</u>		

Changes Since Last Permit Issuance: N/A

Other Comments: None

<b>Compliance History</b>	
<b>Summary of DMRs:</b>	A review of the past 2 years of eDMR data was conducted finding no significant reporting above sampling limits
<b>Summary of Inspections:</b>	No violations were noted.

Other Comments: No open violations by client number or permit number were found in WMS. The most recent inspection was conducted on 8/25/225 by DEP Water Quality Specialist Colin Ford.

**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) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (GPD)	Report	XXX	XXX	XXX	XXX	XXX	1/month	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	2/month	Grab
DO	XXX	XXX	5.0 Inst Min	XXX	XXX	XXX	2/month	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.2	2/month	Grab
CBOD5	XXX	XXX	XXX	25.0	XXX	50	1/month	8-Hr Composite
TSS	XXX	XXX	XXX	30.0	XXX	60	1/month	8-Hr Composite
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/month	Grab
Ammonia Nov 1 - Apr 30	XXX	XXX	XXX	20.0	XXX	40	1/month	8-Hr Composite
Ammonia May 1 - Oct 31	XXX	XXX	XXX	8.0	XXX	16	1/month	8-Hr Composite

Compliance Sampling Location: Outfall 001

Other Comments: No changes were made to the sampling type or minimum measurement frequency in this permit renewal. The TRC spreadsheet was run (Attachment B) and resulted are the same TRC limitations as the existing permit. The TBEL for pH is above 6.0 and below 9.0 S.U. (40 CFR §133.102(c) and Pa Code 25 § 95.2(1)) which are existing limits and will be carried over. The existing limit for TSS of 30 mg/L average monthly will remain in the permit based on the minimum level of effluent quality attainable by secondary treatment, 25 Pa. Code § 92a.47 and 40CFR 133.102(b). The fecal coliform limit in the current permit is consistent with 25 Pa. code § 92a.47 and the SOP and will be carried over. The existing CBOD5 and NH3-N limits will be retained in this permit.

The DO was raised from an instantaneous minimum of 4.0 mg/l to 5.0 mg/l. A review of DMRs from the past two (2) years indicate that the facility can meet 5.0 mg/l. Pa Code 25 Chapter 93.7 requires a minimum DO of 5.0 mg/l for WWF. This system doesn't have a mechanism to control the DO in the effluent; however, it is recommended that existing limits will be increased to 5 because the facility has demonstrated it can meet the more stringent limit.

**Reference**

SOP: New and Reissuance Small Flow Treatment Facility Individual NPDES Permit Applications (SOP No. BCW-PMT-003, revised November 9, 2023)