

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0244686
APS ID 1135837
Authorization ID 1524338

Applicant, Facility and Project Information

Applicant Name	<u>Gretsky Jon</u>	Facility Name	<u>Gretsky SRSTP</u>
Applicant Address	<u>1021 Copeland School Road</u> <u>West Chester, PA 19380-1829</u>	Facility Address	<u>1021 Copeland School Road</u> <u>West Chester, PA 19380-1829</u>
Applicant Contact	<u>Jon Gretsky</u>	Facility Contact	<u>Jon Gretsky</u>
Applicant Phone	<u>(267) 449-1588</u>	Facility Phone	<u>(267) 449-1588</u>
Client ID	<u>372313</u>	Site ID	<u>450861</u>
SIC Code	<u>8811</u>	Municipality	<u>East Bradford Township</u>
SIC Description	<u>Services - Private Households</u>	County	<u>Chester</u>
Date Application Received	<u>April 22, 2025</u>	WQM Required	<u></u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>
Project Description	<u>Renewal</u>		

Summary of Review

The PA Department of Environmental Protection (PADEP/Department) received a NPDES renewal application to discharge approximately 400 gallons per day (gpd) of treated sewage from a single residence sewage treatment plant (SRSTP) to an Broad Run which is classified as a HQ-CWF under chapter 93 in watershed 3-E.

The treatment system is a three chamber Norweco Singulair Model 900, with Bio-Kinetic System which includes pretreatment, aeration, final clarification, sand filtration and chlorination.

This discharge is in the Christina River Basin and there is a low-flow TMDL for Nutrients and Dissolved Oxygen issued by EPA on January 19, 2001 and revised in October 2002 and April 2006. Also, there is a high-flow TMDL for Bacteria and Sediment. But there are no WLAs assigned for this discharge in both TMDLs.

The existing limits are consistent with the low-flow TMDL for the parameters NH3-N, TN, TP and DO in general. CBOD5 and TSS limits are originally based on the ABAT for discharges to HQ stream. pH limits are based on Chapter 93. The existing Fecal Coliform limit is consistent with the High-Flow TMDL.

There are no changes in the influent quality, treatment units, stream designation etc. The existing limits are recommended to continue for the renewal.

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-

Approve	Deny	Signatures	Date
x		<i>Vasantha</i> Vasantha Palakurti / Environmental Engineering Specialist	June 6, 2025
		Pravin C. Patel, P.E. / Environmental Engineer Manager	

Summary of Review

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 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>39° 59' 7.30"</u>	Longitude	<u>-75° 38' 45.67"</u>
Quad Name	<u></u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Broad Run (HQ-CWF, MF)</u>	Stream Code	<u></u>
NHD Com ID	<u>26106382</u>	RMI	<u></u>
Drainage Area	<u></u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u></u>	Q ₇₋₁₀ Basis	<u></u>
Elevation (ft)	<u></u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>3-H</u>	Chapter 93 Class.	<u>HQ-CWF, MF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>FLOW REGIME MODIFICATION, SILTATION</u>		
Source(s) of Impairment	<u>URBAN RUNOFF/STORM SEWERS, URBAN RUNOFF/STORM SEWERS</u>		
TMDL Status	<u>Final</u>	Name	<u>Christina River Basin</u>

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	1/year	Grab
DO	XXX	XXX	6.0 Inst Min	XXX	XXX	XXX	1/year	Grab
TRC	XXX	XXX	XXX	Report	XXX	Report	1/month	Grab
CBOD5 Nov 1 - Apr 30	XXX	XXX	XXX	20.0	XXX	40	1/year	Grab
CBOD5 May 1 - Oct 31	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	XXX	1/year	Grab
Total Nitrogen	XXX	XXX	XXX	40.0	XXX	80	1/year	Grab
Ammonia	XXX	XXX	XXX	30.0	XXX	60	1/year	Grab
Total Phosphorus	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab