

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

**NPDES PERMIT FACT SHEET  
INDIVIDUAL SEWAGE**

Application No. PA0244686  
 APS ID 996615  
 Authorization ID 1279047

**Applicant and Facility Information**

Applicant Name	<u>Andrea Horvath</u>	Facility Name	<u>Horvath 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>Andrea Horvath</u>	Facility Contact	<u>Andrea Horvath</u>
Applicant Phone	<u>(610) 613-1964</u>	Facility Phone	<u>(610) 613-1964</u>
Client ID	<u>344198</u>	Site ID	<u>450861</u>
Ch 94 Load Status	<u>Not Overloaded</u>	Municipality	<u>East Bradford Township</u>
Connection Status		County	<u>Chester</u>
Date Application Received	<u>June 20, 2019</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted		If No, Reason	
Purpose of Application	<u>Permit Renewal.</u>		

**Summary of Review**

The applicant requests renewal of an NPDES permit to discharge treated sewage from Horvath SRSTP.

This discharge was covered originally under PA0053937 and then under PAG040148.

The discharge is into Broad Run which is classified as a HQ-CWF. Broad Run is a tributary to Valley Creek, which flows to East Branch Brandywine Creek.

The treatment system is a 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. WLAs are assigned for this discharge in both TMDLs.

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

The existing limits are consistent with the low-flow TMDL WLAs for the parameters NH3-N, TN, TP and DO.  
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 and the TSS limit is more stringent than the WLA in the High-Flow TMDL.

Approve	Deny	Signatures	Date
		Sara Reji Abraham, E.I.T. / Project Manager	
		Pravin C. Patel, P.E. / Environmental Engineer Manager	

**Summary of Review**

Act 14 Notifications:

East Bradford Township - March 13, 2019  
Chester County - March 13, 2019

Permit Conditions:

- A. AMR Submission
- B. DMR submission
- C. Septage and Scum Measurement
- D. Septic Tank Pumping
- E. Chlorine Optimization
- F. No Stormwater
- G. Acquire Necessary Property Rights
- H. Proper Sludge Disposal
- I. Phase Out When Municipal Sewers Available

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.

Proposed Effluent Limitations and Monitoring Requirements

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	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