

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0244732
APS ID 1008741
Authorization ID 1300642

Applicant, Facility and Project Information

Applicant Name	<u>Huber Mark</u>	Facility Name	<u>Huber Residence</u>
Applicant Address	<u>1305 Yellow Springs Road</u> <u>Chester Springs, PA 19425-1505</u>	Facility Address	<u>1305 Yellow Springs Road</u> <u>Chester Springs, PA 19425-1505</u>
Applicant Contact	<u>Mark Huber</u>	Facility Contact	<u>Mark Huber</u>
Applicant Phone	<u>(610) 827-5052</u>	Facility Phone	<u>(610) 827-5052</u>
Client ID	<u>318653</u>	Site ID	<u>788039</u>
SIC Code	<u>8811</u>	Municipality	<u>East Pikeland Township</u>
SIC Description	<u>Services - Private Households</u>	County	<u>Chester</u>
Date Application Received	<u>December 27, 2019</u>	WQM Required	<u></u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>
Project Description	<u>Permit Renewal.</u>		

Summary of Review

The permittee has submitted a renewal application for the treated sewage discharge from their SPSTP into to unnamed tributary (UNT) to Pine Creek.

The facility consists of 1,000 gallons dual compartment septic tank with Bio tube Pump Package, Advantex AX20 textile filter, PremierTech DiUV ultraviolet disinfection treatment unit, discharge to stream.

No changes in quality and quantity of the discharge, therefore, all previously established effluent limits and monitoring requirements are proposed in draft permit as listed in p.3 of this factsheet. UV monitoring is removed from Part A of the permit, Part C includes a special requirement for those permittees whose sewage treatment includes UV disinfection.

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>Begay Omuralieva</i> Begay Omuralieva / Environmental Engineering Specialist	October 28, 2020
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	10/28/2020

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude	<u>40° 5' 3.04"</u>	Longitude	<u>-75° 36' 44.19"</u>
Quad Name	<u>Malvern</u>	Quad Code	<u>1841</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Pine Creek (HQ-TSF, MF)</u>	Stream Code	<u>01530</u>
NHD Com ID	<u>25980320</u>	RMI	<u>0.7700</u>
Drainage Area	<u>4.93 sq mi</u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u>0.68</u>	Q ₇₋₁₀ Basis	<u></u>
Elevation (ft)	<u>300</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>3-D</u>	Chapter 93 Class.	<u>High Quality Waters - Trout Stocking, Mi</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>CAUSE UNKNOWN</u>		
Source(s) of Impairment	<u>URBAN RUNOFF/STORM SEWERS</u>		
TMDL Status	<u></u>	Name	<u></u>
Nearest Downstream Public Water Supply Intake <u></u>			
PWS Waters	<u></u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u></u>	Distance from Outfall (mi)	<u></u>

Changes Since Last Permit Issuance: none

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)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0	XXX	9.0	XXX	1/year	Grab
DO	XXX	XXX	6.0	XXX	XXX	XXX	1/year	Grab
BOD5	XXX	XXX	XXX	10 Avg	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	10	XXX	20	1/year	Grab
Fecal Coliform (CFU/100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/year	Grab
Total Nitrogen	XXX	XXX	XXX	XXX	Report Daily Max	XXX	1/year	Grab
Ammonia	XXX	XXX	XXX	3.0 Avg	6.0 Daily Max	XXX	1/year	Grab
Total Phosphorus	XXX	XXX	XXX	XXX	Report Daily Max	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001