

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0244198  
APS ID 1051748  
Authorization ID 1376328

**Applicant, Facility and Project Information**

Applicant Name	<u>Sang Mook &amp; Hasook Ha</u>	Facility Name	<u>Ha SRSTP</u>
Applicant Address	<u>2565 Wayland Road</u> <u>Berwyn, PA 19312-2146</u>	Facility Address	<u>2565 Wayland Road</u> <u>Berwyn, PA 19312</u>
Applicant Contact	<u>Sang Mook Ha</u>	Facility Contact	<u>Sang Mook Ha</u>
Applicant Phone	<u>(610) 348-9339</u>	Facility Phone	<u>(610) 348-9339</u>
Client ID	<u>249802</u>	Site ID	<u>670466</u>
SIC Code	<u>8811</u>	Municipality	<u>Easttown Township</u>
SIC Description	<u>Services - Private Households</u>	County	<u>Chester</u>
Date Application Received	<u>November 15, 2021</u>	WQM Required	<u></u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>
Project Description	<u>Permit renewal</u>		

**Summary of Review**

Applicant requests renewal of an NPDES permit to discharge treated sewage from Ha SRSTP.

The STP consists of extended aeration treatment followed by filtration and UV disinfection.

There are no changes in the flow, treatment units, stream designation etc., the proposed permit limits are similar to the existing limits. Monitoring frequency is once per year similar to the existing requirement.

Operations' comment shows that the permittee has not been submitting the required annual maintenance report (AMR) properly. Please note that annual submission of AMRs and DMRs is a requirement of this permit and shall be submitted according to the permit.

WQM Permit No. WQG010013 was issued on 09/19/2006 for this facility.

The existing permit limits are recommended to continue as follows:

Parameters	Limit (mg/l) (annual average)
CBOD5	10
TSS	10
Fecal Coliform (No./100ml)	200
Ammonia	3.0
pH	6.0 to 9.0 SU at all times

Approve	Deny	Signatures	Date
X		<i>Sara Abraham</i> Sara Reji Abraham, E.I.T. / Project Manager	January 18, 2022
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	01/19/2022

**Summary of Review**

Since UV is used for disinfection, a Part C condition requiring monthly cleaning of UV contact surface is incorporated into the permit.

Act 14 Notificatons:

Easttown Township	-	January 6, 2022
Chester County	-	January 6, 2022

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.

Permit Requirements:

- A. AMR to DEP
- B. DMR to DEP
- C. Septage and Scum Measurement
- D. Septic Tank Pumping
- E. Chlorine Optimization
- F. No Stormwater
- G. Acquire Necessary Property Rights
- H. Small Stream Discharge
- I. Proper Sludge Disposal
- J. Abandon STP when Municipal Sewers Available
- K. UV Contact Surface Cleaning

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0005</u>
Latitude	<u>40° 0' 6.12"</u>	Longitude	<u>-75° 26' 52.64"</u>
Quad Name	<u>Valley Forge</u>	Quad Code	<u>1842</u>
Wastewater Description: <u>Treated Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Crum Creek (HQ-CWF)</u>	Stream Code	<u>00724</u>
NHD Com ID	<u>25620286</u>	RMI	<u>0.5</u>
Watershed No.	<u>3-G</u>	Chapter 93 Class.	<u>HQ-CWF</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>cause unknown</u>		
Source(s) of Impairment	<u>agriculture</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) <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
CBOD5	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
Ammonia	XXX	XXX	XXX	3.0	XXX	6	1/year	Grab