

# Southeast Regional Office CLEAN WATER PROGRAM

Application Type

Wastewater Type

Facility Type

Renewal

Sewage

SRSTP

# NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0244180

APS ID 1044985

Authorization ID 1364420

pplicant Name	Jennifer & Dirk Quan Holden	Facility Name	Holden SRSTP	
pplicant Address	2559 Wayland Road	_ Facility Address	2559 Wayland Road	
	Berwyn, PA 19312-2146	_	Berwyn, PA 19312-2146	
pplicant Contact	Jennifer & Dirk Holden	Facility Contact	Dirk Holden	
pplicant Phone	(610) 331-5263	Facility Phone Site ID Municipality	(610) 331-5263 674285 Easttown Township	
lient ID	287734			
IC Code	4952			
IC Description	Trans. & Utilities - Sewerage Systems	County	Chester	
ate Application Rec	eivedJuly 22, 2021	WQM Required		
Date Application Accepted		WQM App. No.		

## Summary of Review

Applicant requests renewal of an NPDES permit to discharge treated sewage from Holden Residence STP. The receiving stream is classified as a HQ-CWF at the point of discharge.

The plant consists of extended aeration, sand filter and UV system.

There are no changes in the flow, treatment units, stream designation etc., the new permit limits are similar to the existing limits and are as follows:

<u>Limits (mg/l)</u>
10
10
3.0
200/100 ml
6.0 to 9.0 std

Once per year monitoring requirement is included in the permit according to the SOP.

According to the Operations Section, the permittee failed to submit AMRs for the last three years.

Part C of the permit includes conditions specifically requiring submissions of AMR and DMR. It is expected that the permittee complies with the permit requirements.

The facility is covered under the WQM Permit No. WQG010012.

Approve	Deny	Signatures	Date
Х		Sara Abraham Sara Reji Abraham, E.I.T. / Project Manager	August 17, 2021
Х		Pravin Patel Pravin C. Patel, P.E. / Environmental Engineer Manager	08/18/2021

### **Summary of Review**

#### **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.

#### Act 14 Notifications:

Easttown Township - August 12, 2021 Chester County - August 12, 2021

#### Permit Conditions:

- A. AMR Submission
- B. DMR Submission
- C. Septage and Scum Measurement
- D. Septic Tank Pumping
- E. Chlorine Disinfection as Backup
- F. No Stormwater Condition
- G. Acquire Necessary Property Rights
- H. Small Stream Discharge
- I. Proper Sludge Disposal
- J. Phase Out When Municipal Sewers Available
- K. UV Cleaning

Discharge, Receiving Waters and Water Supply In	nformation				
Outfall No. 001	Design Flow (MGD)	.0005			
Latitude 40° 0' 6.12"	Longitude	-75° 26' 52.64"			
Quad Name Valley Forge	Quad Code	1842			
Wastewater Description: Treated Sewage Efflu	uent				
Unnamed Tributary to Crum Receiving Waters (HQ-CWF, MF)  NHD Com ID  25620286	Creek Stream Code RMI	00726 0.5			
Watershed No. 3-G	Chapter 93 Class.	HQ-CWF, MF			
Assessment Status Impaired					
Cause(s) of Impairment cause unknown					
Source(s) of Impairment agriculture	agriculture				

# **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.

	Effluent Limitations				Monitoring Requirements			
Parameter	Mass Units (lbs/day) (1)		Concentrations (mg/L)			Minimum <sup>(2)</sup>	Required	
Farameter	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum	Measurement Frequency	Sample Type
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