

Application Type Renewal  
 Wastewater Type Sewage  
 Facility Type SFTF

### NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0057738  
 APS ID 989931  
 Authorization ID 1267552

#### Applicant, Facility and Project Information

Applicant Name	<u>PA DCNR Bureau of State Parks</u>	Facility Name	<u>Delaware Canal State Park STP</u>
Applicant Address	<u>11 Lodi Hill Road</u> <u>Upper Black Eddy, PA 18972-9540</u>	Facility Address	<u>11 Lodi Hill Road</u> <u>Upper Black Eddy, PA 18972-9540</u>
Applicant Contact	<u>George Calaba</u>	Facility Contact	<u>George Calaba</u>
Applicant Phone	<u>(610) 982-5560</u>	Facility Phone	<u>(610) 982-5560</u>
Client ID	<u>64584</u>	Site ID	<u>248237</u>
SIC Code	<u>8422</u>	Municipality	<u>Solebury Township</u>
SIC Description	<u>Services - Botanical and Zoological Gardens</u>	County	<u>Bucks</u>
Date Application Received	<u>March 25, 2019</u>	WQM Required	_____
Date Application Accepted	_____	WQM App. No.	_____
Project Description	<u>Permit Renewal.</u>		

#### Summary of Review

PA DCNR Bureau of State Parks requests approval for the renewal of NPDES Permit No. PA0057738 to discharge 800 gallons per day to the Delaware River. The facility is located at the Virginia Forest Picnic area within the Delaware Canal State Park in Solebury Township, Bucks County.

The sewage treatment plant consists of two 1,000-gallon septic tanks in series with discharge to a dosing pump tank and then to two alternating open access sand filters. The filters discharge through an erosion chlorinator to a chlorine contact tank and eventually gravity discharge to the Delaware River. The effluent is generally in compliance with permit limits. Effluent limits for all the parameters will remain the same in this permit renewal.

Following are the effluent limits:

PARAMETERS	EFFLUENT LIMITS (MG/L)	BASIS
CBOD5	25	92a.47
Total Suspended Solids	30	92a.47
Total Residual Chlorine	Report	92a.47-48
pH (S.U.)	6.0 to 9.0 S.U.	92a.47, 95.2
Fecal Coliform (No./100 ml)	200 #/100 ml (Geo Mean)	92a.47

Solebury Township Supervisors received written notification February 28, 2019 by certified mail regarding this NPDES Permit Application.

Bucks County Commissioners received written notification on February 14, 2019 by certified mail regarding this NPDES Permit Application.

Approve	Deny	Signatures	Date
		Ketan Thaker / Project Manager	
		Pravin C. Patel, P.E. / Environmental Engineer Manager	

**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.

**Discharge, Receiving Waters and Water Supply Information**

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0008</u>
Latitude	<u>40° 24' 25.18"</u>	Longitude	<u>-75° 0' 8.05"</u>
Quad Name	<u></u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage Effluent</u>			

Receiving Waters	<u>Delaware River (WWF, MF)</u>	Stream Code	<u></u>
NHD Com ID	<u>26066810</u>	RMI	<u></u>
Drainage Area	<u></u>	Yield (cfs/mi <sup>2</sup> )	<u></u>
Q <sub>7-10</sub> Flow (cfs)	<u></u>	Q <sub>7-10</sub> Basis	<u></u>
Elevation (ft)	<u></u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>02E</u>	Chapter 93 Class.	<u>Warm Water Fishes, Migratory Fishes</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Not Assessed</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u></u>	Name	<u></u>

Background/Ambient Data	Data Source
pH (SU)	<u></u>
Temperature (°F)	<u></u>
Hardness (mg/L)	<u></u>
Other:	<u></u>

Nearest Downstream Public Water Supply Intake	
PWS Waters	<u></u> Flow at Intake (cfs) <u></u>
PWS RMI	<u></u> Distance from Outfall (mi) <u></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	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/week	Metered
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/week	Grab
TRC	XXX	XXX	XXX	Report	XXX	Report	1/week	Grab
CBOD5	XXX	XXX	XXX	25	XXX	50	1/month	Grab
TSS	XXX	XXX	XXX	30	XXX	60	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/month	Grab