

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

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

Application No. PA0045039
APS ID 851637
Authorization ID 1297505

Applicant, Facility and Project Information

Applicant Name	<u>PA DCNR Bureau of State Parks</u>	Facility Name	<u>Oil Creek State Park</u>
Applicant Address	<u>305 State Park Road</u> <u>Oil City, PA 16301-5933</u>	Facility Address	<u>305 State Park Road</u> <u>Oil City, PA 16301-5933</u>
Applicant Contact	<u>David Hallman</u>	Facility Contact	<u>David Hallman</u>
Applicant Phone	<u>(814) 676-5915</u>	Facility Phone	<u>(814) 676-5915</u>
Client ID	<u>52524</u>	Site ID	<u>271700</u>
SIC Code	<u>8412</u>	Municipality	<u>Cornplanter Township</u>
SIC Description	<u>Services - Museums And Art Galleries</u>	County	<u>Venango</u>
Date Application Received	<u>November 18, 2019</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>December 9, 2020</u>	WQM App. No.	<u></u>
Project Description	<u>Renewal of an NPDES Permit for an existing discharge of treated sewage.</u>		

Summary of Review

This facility is registered for and is using eDMR for reporting. The Department is not requiring eDMR use for SFTFs. Therefore, no special condition requiring its use will be added to the renewed NPDES Permit.

No changes to discharge quantity or quality are proposed as part of this renewal.

Treatment consists of a septic tank, dosing tank with submersible pump, subsurface sand mound, and tablet chlorination.

The permittee is not eligible for the general permit due to the treatment plant not conforming to design standards found in the Department's Small Flow Facilities Manual.

There are currently three (3) open violations listed in EFACTS for this permittee (12/28/2020). A follow-up on compliance will be conducted prior to final permit issuance.

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		Adam Pesek Adam J. Pesek, E.I.T. / Environmental Engineering Specialist	December 28, 2020
X		Justin C. Dickey Justin C. Dickey, P.E. / Environmental Engineer Manager	December 30, 2020

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.002</u>
Latitude	<u>41° 30' 59"</u>	Longitude	<u>-79° 40' 57"</u>
Quad Name	<u>Titusville South</u>	Quad Code	<u>0608</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Oil Creek</u>	Stream Code	<u>54128</u>
NHD Com ID	<u>100475045</u>	RMI	<u>7.72</u>
Drainage Area	<u></u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u></u>	Q ₇₋₁₀ Basis	<u>USGS #03020500</u>
Elevation (ft)	<u>1055</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>16-E</u>	Chapter 93 Class.	<u>CWF</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>MERCURY</u>		
Source(s) of Impairment	<u>SOURCE UNKNOWN</u>		
TMDL Status	<u></u>	Name	<u></u>
Background/Ambient Data		Data Source	
pH (SU)	<u>7.0</u>	Default	<u></u>
Temperature (°C)	<u>20</u>	Default (CWF)	<u></u>
Hardness (mg/L)	<u></u>		<u></u>
Other:	<u></u>		<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: Threatened and Endangered Mussels were identified in Oil Creek up to the Covered Red Bridge. Based on previous discussions with the USFWS and PAFBC, SFTF discharges are not believed to cause a concern able level of impact to these species, at this time.

Other Comments:

Compliance History	
Summary of DMRs:	A review of eDMRs since January 2016 shows they were all submitted monthly, with no discharge being reported.
Summary of Inspections:	Administrative review was last conducted on October 24, 2017. No violations noted.

Other Comments:

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/month	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.2	1/month	Grab
BOD5	XXX	XXX	XXX	25	XXX	50	1/month	Grab
TSS	XXX	XXX	XXX	30	XXX	60	1/month	Grab
Fecal Coliform (CFU/100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/month	Grab

Compliance Sampling Location: Outfall 001 (after disinfection)

Other Comments: Effluent limitations are with the parameters monitored for SFTFs in accordance with the Department's SOP entitled "New and Reissuance Small Flow Treatment Facility Individual NPDES Permit Applications," with the exception of the BOD5 and TSS effluent limits. Due to the lack of discharge from the facility, it cannot be determined whether or not the treatment system is capable of meeting the 10/10 mg/l limits for BOD₅ and TSS as required in the SOP. Therefore, the existing limits are being retained. The TRC evaluation spreadsheet indicated that the technology-based limits above were protective of the receiving stream.