

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0232831
APS ID 1056011
Authorization ID 1383807

Applicant, Facility and Project Information

Applicant Name	<u>South Creek Township</u>	Facility Name	<u>Gordon Properties</u>
Applicant Address	<u>PO Box 60</u> <u>Gillett, PA 16925-0060</u>	Facility Address	<u>3510 Ayres Road</u> <u>Gillett, PA 16925-9411</u>
Applicant Contact	<u>Charles Root</u>	Facility Contact	<u>Charles Root</u>
Applicant Phone	<u>(570) 596-3058</u>	Facility Phone	<u>(570) 596-3058</u>
Client ID	<u>72922</u>	Site ID	<u>812301</u>
SIC Code	<u>4952</u>	Municipality	<u>South Creek Township</u>
SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>	County	<u>Bradford</u>
Date Application Received	<u>February 2, 2022</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>February 11, 2022</u>	WQM App. No.	<u></u>
Project Description	<u>Application for a renewal of an individual NPDES permit for a single residence sewage treatment plant.</u>		

Summary of Review

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>Jonathan P. Peterman</i> Jonathan P. Peterman / Project Manager	January 24, 2023
X		<i>Nicholas W. Hartranft</i> Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	January 25, 2023

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	0.0004
Latitude	41° 57' 14.81"	Longitude	-76° 47' 32.91"
Quad Name	Gillett	Quad Code	0331
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to Seeley Creek (CWF, MF)	Stream Code	30922
NHD Com ID	48523708	RMI	0.3800
Drainage Area	N/A	Yield (cfs/mi ²)	N/A
Q ₇₋₁₀ Flow (cfs)	N/A	Q ₇₋₁₀ Basis	N/A
Elevation (ft)	N/A	Slope (ft/ft)	N/A
Watershed No.	4-B	Chapter 93 Class.	CWF, MF
Existing Use	CWF	Existing Use Qualifier	N/A
Exceptions to Use	N/A	Exceptions to Criteria	N/A
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment	N/A		
Source(s) of Impairment	N/A		
TMDL Status	N/A	Name	N/A
Nearest Downstream Public Water Supply Intake	Assumed at NY Border		
PWS Waters	South Creek	Flow at Intake (cfs)	0.2725
PWS RMI	1.0	Distance from Outfall (mi)	4.0

Changes Since Last Permit Issuance: N/A.
Other Comments: None.

Treatment Facility Summary

Treatment Facility Name: Gordon Properties SRSTP

WQM Permit No.	Issuance Date
0816401	N/A

Waste Type	Degree of Treatment	Process Type	Disinfection	Avg Annual Flow (MGD)
Sewage	Primary	Septic Tank	Ultraviolet	0.0004
Hydraulic Capacity (MGD)	Organic Capacity (lbs/day)	Load Status	Biosolids Treatment	Biosolids Use/Disposal
0.0004	N/A	Not Overloaded	N/A	Other WWTP

Treatment System

- The proposed individual components are as follows:
- One (1) 1,000 gallon dual compartment septic tank.
 - One (1) Effluent filter.
 - One (1) Orenco Advantex AX20RTUV treatment tank.
 - One (1) UV Disinfection System.
 - One (1) Outfall.

Changes Since Last Permit Issuance: N/A
Other Comments: None.

TMDL Impairment

The Departments Geographical Information System indicates that South Creek is attaining its use and there are no associated TMDLs for this segment.

Chesapeake Bay Requirements

Facilities that are designed based on a flow of less than 2,000 GPD (400 GPD design flow for this facility) are not a part of Pennsylvania's Chesapeake Bay Tributary Strategy. Accordingly, it is not practicable to require the permittee to perform nutrient monitoring under this program.

Anti-Backsliding

In accordance with 40 CFR 122.44(l)(1) and (2), this permit does not contain effluent limitations, standards, or conditions that are less stringent than the previous permit.

Existing Effluent Limitations and Monitoring Requirements

Existing Limits – Outfall 001

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
Biochemical Oxygen Demand (BOD5)	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Total Suspended Solids	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/year	Grab

The existing effluent limits for Outfall 001 are based on a design flow of 0.0004 MGD.

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) and/or BPJ.

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
Biochemical Oxygen Demand (BOD5)	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Total Suspended Solids	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/year	Grab

The proposed effluent limits for Outfall 001 are based on a design flow of 0.0004 MGD.

Development of Effluent Limitations and Monitoring Frequency

BOD₅ (10 mg/L) and TSS (10mg/L) are technology-based limits stipulated in the *Technical Guidance for the Development and Specification of Effluent Limitations* (362-0400-001). The fecal coliform limits correspond with 25 PA Code § 92a.47 (a)(4). The system utilizes UV disinfection. No monitoring is required for UV disinfection systems at SRSTPs. All of the monitoring frequencies sample types correspond with the policies and procedures for SRSTP’s in lieu of the *Technical Guidance for the Development and Specification of Effluent Limitations* (362-0400-001).

Compliance Review / History

Summary of Inspections -The most recent Clean Water Program inspections for this facility was conducted on 9/21/20. The inspection notes the following violation: “92A.61(C): NPDES - Failure to monitor pollutants as required by the NPDES permit Permittee did not collect required annual TSS, CBOD, FC sample.”

WMS Query Summary - A WMS Query was run at *Reports - Violations & Enforcements – Open Violations for Client Report* to determine whether there are any unresolved violations associated with the client that will affect issuance of the permit (per CSL Section 609). This query revealed no open violations.