

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0265471  
APS ID 1075001  
Authorization ID 1416386

**Applicant, Facility and Project Information**



Applicant Name	<u>Daniel Kerle</u>	Facility Name	<u>Daniel Kerle SRSTP</u>
Applicant Address	<u>3238 Waterson Road</u> <u>Strattanville, PA 16258</u>	Facility Address	<u>3238 Waterson Road</u> <u>Strattanville, PA 16258</u>
Applicant Contact	<u>Daniel Kerle</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 229-7051</u>	Facility Phone	<u></u>
Applicant E Mail	<u>dankerle@kerletire.com</u>	Facility E Mail	<u></u>
Client ID	<u>370351</u>	Site ID	<u>825415</u>
Municipality	<u>Clarion Township</u>	County	<u>Clarion</u>
SIC Code	<u>8800</u>	SIC Code	<u>4952</u>
SIC Description	<u>Private Households</u>	SIC Description	<u>Trans. &amp; Utilities - Sewerage Systems</u>
Date Application Received	<u>November 1, 2022</u>	WQM Required	<u>Current permit is adequate</u>
Date Application Accepted	<u>November 21, 2022</u>	WQM App. No.	<u></u>
Project Description	<u>.NPDES renewal</u>		

**Summary of Review**

No listed violations. High BOD5 at 195-mg/L and fecal coliforms at 2420#/100ml reported. Last sludge pumping April 23, 2021.

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
		William H. Mentzer, P.E. Environmental Engineering Specialist	November 21, 2022
		Vacant Environmental Engineer Manager	Okay to Draft JCD 12/8/2022

Discharge and Stream Data – 2 - Receiving Waters and PWS

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Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude DP	<u>41° 10' 49.82"</u>	Longitude aDP	<u>-79° 16' 37.94"</u>
Latitude NHD	<u>41° 10' 48.15"</u>	Longitude NHD	<u>-79° 16' 44.57"</u>
Quad Name	<u>Strattanville</u>	Quad Code	<u>0911</u>
Wastewater:	<u>Treated single residence domestic wastes.</u>		
Receiving Waters	<u>Unnamed Trib to Little Piney Creek</u>	Stream Code	<u>unknown</u>
NHD Com ID	<u>102670531</u>	RMI	<u>0.05</u>
Drainage Area	<u>2.7 acres</u>	Yield (cfs/mi <sup>2</sup> )	<u>0</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0</u>	Q <sub>7-10</sub> Basis	<u>Dry stream</u>
Elevation (ft)	<u>1565.00</u>	Slope (ft/ft)	<u>0.03466</u>
Watershed No.	<u>17B</u>	Chapter 93 Class.	<u>Cold Water Fish</u>
Existing Use	<u>statewide</u>	Existing Use Qualifier	<u>none</u>
Exceptions to Use	<u>none</u>	Exceptions to Criteria	<u>none</u>
Comments	<u>dry swale flowing into tributary 49573 of Little Piney Creek at RMI 0.92, Drainage 0.13 Square Miles, Elevation 1520.03 feet.</u>		
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	_____		
Source(s) of Impairment	_____		
TMDL Status	_____	Name	_____
Background/Ambient Data		Data Source	
pH (SU)	<u>7.0</u>	default	_____
Temperature (°F)	<u>68</u>	default	_____
Hardness (mg/L)	<u>100</u>	default	_____
Other:	_____	_____	_____
Nearest Downstream Public Water Supply Intake	<u>Parker City Water</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>669</u>
PWS RMI	<u>83.95</u>	Distance from Outfall (mi)	<u>55.79</u>

Changes Since Last Permit Issuance: NA

Other Comments:

The stream flow is downstream 0.09 mile at the USDG gaging station.  
 Based on the small flow advanced treatment requirements no downstream water user impacts are expected.

NPDES Permit Fact Sheet  
Jeffrey Barlett SRSTP

NPDES Permit No. PA0265471

Little Piney Creek 49560

Un-named tributary 49577	Elevation RMI	1561.35 feet 9.57 The tributary is AMD impaired for metals and pH with a TMDL recommended.
Un-named tributary 49576	Elevation RMI	1547.79 feet 9.16 The tributary is AMD impaired for metals and pH with a TMDL recommended.
Un-named tributary 49575	Elevation RMI	1517.49 feet 7.85
Un-named tributary 49574	Elevation RMI	1454.96 Feet 6.98 The tributary is AMD impaired for metals and pH with a TMDL recommended.
Un-named tributary 49573	Elevation RMI Drainage	1433.14 feet 6.14 Trib has Kerle (Barlett) SRSTP & Clarion Area pump station. Trib supports aquatic life. NA
Un-named tributary 49572	Elevation RMI	1424.02 feet 5.86
Un-named tributary 49571	Elevation RMI	1408.76 feet 5.39
Un-named tributary 49570	Elevation RMI	1397.64 feet 5.03 The tributary is AMD impaired for metals and pH with a TMDL recommended.
Un-named tributary 49568	Elevation RMI	1275.14 feet 4.22
Un-named tributary 49567	Elevation RMI	1368.37 feet 3.93
Un-named tributary 49566	Elevation RMI	1350.65 feet 3.36
Un-named tributary 49565	Elevation RMI	1298.13 feet 2.42 The tributary is AMD impaired for metals and pH with a TMDL recommended.
Un-named tributary 49563	Elevation RMI	1253.03 feet 1.37 The tributary is AMD impaired for metals and pH with a TMDL recommended.
Un-named tributary 49562	Elevation RMI	1240.00 feet 1.04 The tributary is AMD impaired for metals and pH with a TMDL recommended.
Un-named tributary 49561	Elevation RMI	1235.31 feet 0.63
Little Piney Creek	Elevation RMI Drainage	Elevation 1207.51 feet 0 NA

Impairment possible

Piney Creek 49494	Elevation	1207.51 feet
	Slope	0.00274 foot/foot
	RMI	12.065
Downstream Potable Water	Drainage	NA square miles
	Stream	Allegheny River
	Name	Parker City Water
	RMI	83.95
	Distance	36.68 miles

**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	Upon Request	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001 after disinfection

Other Comments: See AMR and NPDES permit Part C for UV radiation disinfection requirements.