

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0093955
APS ID 1030865
Authorization ID 1340394

Applicant, Facility and Project Information

Applicant Name	<u>Mark P DeCarlo</u>	Facility Name	<u>Decarlo SRSTP</u>
Applicant Address	<u>2800 Washington Boulevard</u> <u>Mckeesport, PA 15037</u>	Facility Address	<u>1418 Country Line Road</u> <u>Champion, PA 15622</u>
Applicant Contact	<u>Mark Decarlo</u>	Facility Contact	<u>Mark Decarlo</u>
Applicant Phone	<u>(412) 678-3019</u>	Facility Phone	<u>(412) 678-3019</u>
Client ID	<u>285246</u>	Site ID	<u>662834</u>
SIC Code	<u>8800</u>	Municipality	<u>Middlecreek Township</u>
SIC Description	<u>Private Households</u>	County	<u>Somerset</u>
Date Application Received	<u>January 20, 2021</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>January 26, 2021</u>	WQM App. No.	<u>5682408</u>
Project Description	<u>Renewal NPDES permit application for existing SRSTP.</u>		

Summary of Review

The Department received a timely renewal NPDES Permit Application from Mark P DeCarlo on January 20, 2021. The property is in Middlecreek Township, Somerset County.

The existing treatment process consists of a septic tank, distribution box, sub-surface sand filter, and a chlorine contact tank with tablet chlorinator. Part II Permit No. 5682408, issued by the Department on January 4, 1983 approved the treatment system.



The property is not a primary residence and is used infrequently. The septic tank is cleaned out once per year and last was conducted on November 3, 2020. From September 19, 2020 to January 10, 2021, no discharge has been reported and the Chlorine tablets were inspected twice and reported as full.

The applicant does not use eDMR and current policy does not require eDMR to be used for SRSTPs.

Tertiary effluent limitations for the BOD5 and TSS parameters are not required as the treatment facility was permitted prior to publication of the Small Flow Sewage Treatment Facilities Manual (362-0300-002) which was published in 2006. Distribution boxes are no longer acceptable as pressure dosing is now required.

Sewage discharges with design flows < 2,000 gpd do not require monitoring for Total Nitrogen and Total Phosphorus in new and reissued permits.

Technology-based effluent limits for pH and Fecal Coliform will be imposed based upon State Regulation 95.2(1) & 92a.47(a)(5).

Approve	Deny	Signatures	Date
X		 Curtis Holes, P.E. / Environmental Engineering Specialist	October 06, 2021
X		 James Vanek, P.E. / Environmental Engineer Manager	October 06, 2021

Summary of Review

The Act – 14 PL 834 Municipal Notification were provided by the December 5, 2020 letters and no comments were received.

An Operations inspection was conducted on May 12, 2021 by Lisa Milsop with one (1) violation noted for not submitting the AMR in time.

It is recommended that a draft permit be published for public comment in response to this application.

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 and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>40° 00' 09"</u>	Longitude	<u>-79° 15' 27"</u>
Quad Name	<u>Seven Springs, PA</u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage</u>			
Receiving Waters	<u>UNT of Laurel Hill Creek</u>	Stream Code	<u>38692</u>
NHD Com ID	<u>69916857</u>	RMI	<u>1.4</u>
Drainage Area (mi ²)	<u>0.31</u>	Yield (cfs/mi ²)	<u>0.0287</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.0089*</u>	Q ₇₋₁₀ Basis	<u>USGS StreamStats</u>
Watershed No.	<u>19E</u>	Chapter 93 Class.	<u>HQ-CWF</u>
Exceptions to Use	<u>None</u>	Exceptions to Criteria	<u>None</u>
Assessment Status	<u>Attaining Use(s)</u>		
TMDL Status	<u>Tentative</u>	Name	<u>Laurel Hill Creek TMDL</u>
Nearest Downstream Public Water Supply Intake		<u>Ohio Pyle Borough Municipal Water Works</u>	

Changes Since Last Permit Issuance: None

Comments: * The StreamStats calculated Q₇₋₁₀ flow (0.0089 cfs) was adjusted to account for the error message with the small drainage area. Streamstats was rerun working down the stream until the error for the drainage area was removed. Once the error was removed, the initial Q₇₋₁₀ was corrected based on the downstream yield and ratioed based on the initial drainage area.

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.

Outfall 001, Effective Period: through 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	Average Monthly	Geometric Mean	Maximum	Instant. Maximum		
Flow (GPD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
Total Residual Chlorine (TRC)	XXX	XXX	Report	XXX	XXX	Report	1/month	Grab
Biochemical Oxygen Demand (BOD5)	XXX	XXX	25.0	XXX	XXX	50.0	1/year	Grab
Total Suspended Solids	XXX	XXX	30.0	XXX	XXX	60.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	200	1/year	Grab
pH	XXX	XXX	6.0 Min	XXX	9.0 Max	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001

Other Comments: None