

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

## NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

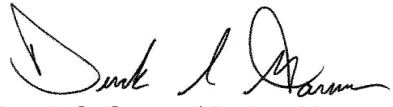

Application No. PA0112551  
APS ID 1100009  
Authorization ID 1460151

### Applicant, Facility and Project Information

Applicant Name	<u>Randall B. Moyer</u>	Facility Name	<u>Moyer SRSTP</u>
Applicant Address	<u>230 Madisonburg Pike</u> <u>Madisonburg, PA 16852-8004</u>	Facility Address	<u>230 Madisonburg Pike</u> <u>Madisonburg, PA 16852-8004</u>
Applicant Contact	<u>Randall Moyer</u>	Facility Contact	<u>Randall Moyer</u>
Applicant Phone	<u>(814) 777-0047</u>	Facility Phone	<u>(814) 777-0047</u>
Client ID	<u>43778</u>	Site ID	<u>249503</u>
SIC Code	<u>4952</u>	Municipality	<u>Miles Township</u>
SIC Description	<u>Trans. &amp; Utilities - Sewerage Systems</u>	County	<u>Centre</u>
Date Application Received	<u>October 27, 2023</u>	WQM Required	<u>Yes, existing</u>
Date Application Accepted	<u>November 9, 2023</u>	WQM App. No.	<u>1484411</u>
Project Description	<u>Renewal of an existing NPDES permit for the discharge of treated sewage.</u>		

### 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		 Derek S. Garner / Project Manager	October 23, 2024
X		 Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	October 23, 2024

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

Outfall No.	<u>001</u>	Design Flow (GPD)	<u>400</u>
Latitude	<u>40° 55' 54.90"</u>	Longitude	<u>-77° 31' 17.13"</u>
Quad Name	<u>Madisonburg</u>	Quad Code	<u>40077</u>
Wastewater Description:	<u>Sewage Effluent</u>		
Receiving Waters	<u>Unnamed Tributary of Elk Creek</u>	Stream Code	<u>18256</u>
NHD Com ID	<u>54963403</u>	RMI	<u>1.24</u>
Drainage Area	<u>0.93</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.08</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.07</u>	Q <sub>7-10</sub> Basis	<u>Streamstats Flow Report</u>
Elevation (ft)	<u>788</u>	Slope (ft/ft)	<u>n/a</u>
Watershed No.	<u>6-A</u>	Chapter 93 Class.	<u>EV</u>
Existing Use	<u>n/a</u>	Existing Use Qualifier	<u>n/a</u>
Exceptions to Use	<u>n/a</u>	Exceptions to Criteria	<u>n/a</u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u>n/a</u>		
Source(s) of Impairment	<u>n/a</u>		
TMDL Status	<u>n/a</u>	Name	<u>n/a</u>
Nearest Downstream Public Water Supply Intake	<u>Millheim Borough Water Company</u>		
PWS Waters	<u>Elk Creek</u>	Flow at Intake (cfs)	<u>13.3</u>
PWS RMI	<u>3.43</u>	Distance from Outfall (mi)	<u>4.07</u>

**Facility Description**

The treatment system consists of one 1,000-gal septic tank, one 600 sq. ft. sand filter, an erosional chlorinator, and a 200-gal chlorine contact tank.

Treated effluent is ultimately discharged via Outfall 001 to an unnamed tributary of Elk Creek.

The original Water Quality Management (WQM) permit, #1484411, was issued to Harry F. Dean on February 04, 1985. This permit was later transferred to Randall Moyer on May 21, 1990.

**Compliance History**

The facility was most recently inspected by DEP on December 6, 2023. No violations were noted. The inspection report notes excellent housekeeping and records.

There are no open violations associated with the permittee.

**Antidegradation Considerations**

This is an existing discharge in an Exceptional Value watershed with no anticipated changes to volume or effluent characteristics. Accordingly, no antidegradation analysis is required.

**Development of Effluent Limitations**

DEP has proposed the following effluent limitations and measurement frequencies:

<b>Parameter</b>	<b>Annual Average</b>	<b>Average Monthly</b>	<b>IMAX</b>	<b>Sample Type</b>	<b>Frequency</b>
Flow (GPD)	Report	XXX	XXX	Estimate	1/year
TRC (mg/l)	XXX	Report	Report	Grab	1/month
BOD5 (mg/l)	10	XXX	20	Grab	1/year
TSS (mg/l)	10	XXX	20	Grab	1/year
Fecal Coliform (No./100 ml)	200	XXX	XXX	Grab	1/year

The proposed effluent limitations and measurement frequencies are generally the same as the existing permit and are consistent with DEP policy for individual permits for SRSTPs outlined in SOP No. BCW-PMT-003 (rev. 11/9/2023). To remain consistent with the policy one minor change was made to the total residual chlorine frequency increasing it from 1/quarter to 1/month.

**Existing Effluent Limitations and Monitoring Requirements**

The existing limitations and monitoring requirements are as follows:

**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum 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
TRC	XXX	XXX	XXX	Report Avg Mo	XXX	XXX	1/quarter	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/year	Grab

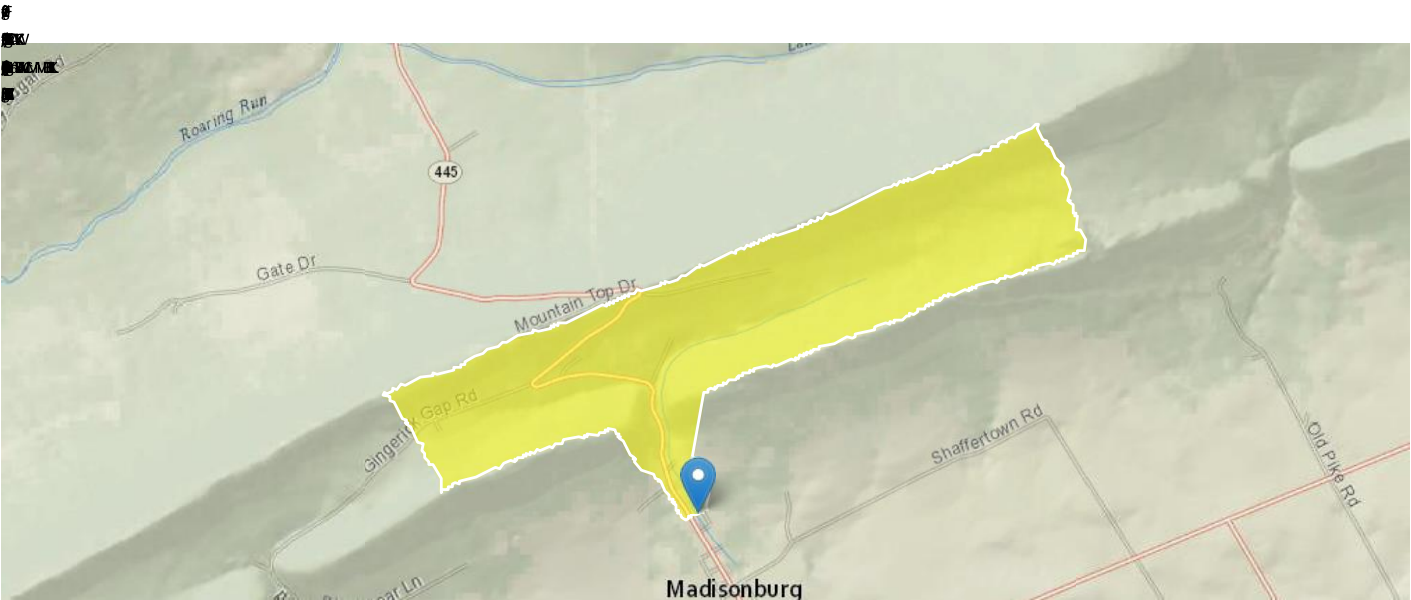
**Proposed Effluent Limitations and Monitoring Requirements**

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)		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
Total Residual Chlorine (TRC)	XXX	XXX	XXX	Report Avg Mo	XXX	Report	1/month	Grab
Biochemical Oxygen Demand (BOD5)	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Total Suspended Solids	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



q5 ! # #

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9EK	888NFOA	AM	@
S	S " ?##" #8 P888	Y012	
8	888Q	881	#
R 88	" #N #8; " # 8	8888C =	
	9 @88]N F^8	A 2 ;	
9PR	F #88#<# # =	8 2 = ;	
RR	88	888 H	
RS	8: ;8	8AM	N #
8R	"O ?N #	88888	
8B	: #8 1#; "88	K	
a88	= <O> ?# N888 O > ? # #	KVM	
88	"88 N 88 N8888 8	8888	< " #
8	" #8 NPO;8: [ ?N8888 8	88	<
A	8 @ " #88O> ?# 887988< O >	888	<#
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