

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0228486  
APS ID 1058151  
Authorization ID 1387372

**Applicant, Facility and Project Information**

Applicant Name	<u>Ditty, Justin W.</u>	Facility Name	<u>Justin W. Ditty</u>
Applicant Address	<u>PO Box 33</u> <u>North Bend, PA 17760-0033</u>	Facility Address	<u>11120 Renovo Road</u> <u>North Bend, PA 17760-9570</u>
Applicant Contact	<u>Justin Ditty</u>	Facility Contact	<u>Justin Ditty</u>
Applicant Phone	<u>(570) 923-2326</u>	Facility Phone	<u>(570) 923-0505</u>
Client ID	<u>279572</u>	Site ID	<u>238324</u>
SIC Code	<u>4952</u>	Municipality	<u>Chapman Township</u>
SIC Description	<u>Trans. &amp; Utilities - Sewerage Systems</u>	County	<u>Clinton</u>
Date Application Received	<u>March 1, 2022</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>March 14, 2022</u>	WQM App. No.	<u></u>
Project Description	<u>Renewal of a NPDES Permit</u>		

**Summary of Review**

The subject facility is a Single Residence Sewage Treatment Plant (SRSTP) serving a home in Chapman Township, Clinton County.

A map of the discharge location is attached.

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		<i>Keith C. Allison</i> Keith C. Allison / Project Manager	August 10, 2022
X		<i>Nicholas W. Hartranft</i> Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	August 10, 2022

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>41° 20' 37.79"</u>	Longitude	<u>-77° 40' 40.20"</u>
Quad Name	<u>Renovo East</u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to West Branch Susquehanna River</u>	Stream Code	<u>23507</u>
NHD Com ID	<u>61114769</u>	RMI	<u>0.2</u>
Drainage Area	<u>Undetermined</u>	Yield (cfs/mi <sup>2</sup> )	<u>Undetermined</u>
Q <sub>7-10</sub> Flow (cfs)	<u>Undetermined</u>	Q <sub>7-10</sub> Basis	<u>N/A</u>
Elevation (ft)	<u>740</u>	Slope (ft/ft)	<u>Undetermined</u>
Watershed No.	<u>09B</u>	Chapter 93 Class.	<u>High Quality-Cold Water, Migratory Fish</u>
Existing Use	<u>N/A</u>	Existing Use Qualifier	<u>N/A</u>
Exceptions to Use	<u>None</u>	Exceptions to Criteria	<u>None</u>
Assessment Status	<u>Attaining Use(s)</u>		
Nearest Downstream Public Water Supply Intake	<u>PA American Water Company</u>		
PWS Waters	<u>West Branch Susquehanna River</u>	Distance from Outfall (mi)	<u>Approx. 83</u>

Changes Since Last Permit Issuance: None.

Other Comments: No downstream water supply is expected to be affected by this discharge with the limitations and monitoring proposed.

Treatment Facility Summary
The proposed treatment process consists of 1,000-gallon septic tank, 600 ft <sup>2</sup> subsurface sand filter, and erosion tablet chlorinator with 200-gallon contact tank. Flow to the sand filter is by gravity.
The treatment facility was originally permitted on May 8, 1991 and has been transferred twice.

Compliance History	
<b>Summary of AMRs:</b>	AMRS are submitted. The treatment does not typically discharge. The septic tank is pumped annually.
<b>Summary of Inspections:</b>	The Department has inspected the facility over the past permit term.
<b>Other Comments:</b>	A query in WMS found no open violations in eFACTS for Justin Ditty.

**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	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab
CBOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
TSS	XXX	XXX	XXX	20.0	XXX	40.0	1/year	Grab
Fecal Coliform (CFU/100 ml)	XXX	XXX	XXX	200	XXX	1000	1/year	Grab

Compliance Sampling Location: Outfall 001

Other Comments: The above limits are consistent with currently recommended limits for SFTFs except for the 20 mg/L TSS average monthly limit which will be kept because the facility does not appear to have been designed consistent with the current Small Flows Treatment Facilities Manual. An alternate type of sand was proposed in the design.

These limits are expected to be adequate to be protective of the receiving waters.

Attachment: Discharge Location Map



