

Application Type New  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0239500  
APS ID 834237  
Authorization ID 1278558

**Applicant, Facility and Project Information**

Applicant Name	<u>Richard L Spellman</u>	Facility Name	<u>Richard L Spellman SRSTP</u>
Mailing Address	<u>820 Arch Street</u> <u>Erie, PA 16503</u>	Facility Address	<u>2200 Brickyard Road</u> <u>North East, PA 16428</u>
Applicant Contact	<u>Richard L. Spellman</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 725-2161</u>	Cell Phone	<u>(814) 434-7170</u>
Applicant E mail	<u>Spellmans84@aol.com</u>	Facility E Mail	<u></u>
Client ID	<u>309837</u>	Site ID	<u>630047</u>
Municipality	<u>North East Township</u>	County	<u>Erie</u>
SIC Code	<u>8811</u>	SIC Code	<u>4952</u>
SIC Description	<u>Services - Private Households</u>	SIC Description	<u>Trans. &amp; Utilities - Sewerage Systems</u>
Application Received	<u>June 20, 2019</u>	WQM Required	<u>Existing permit is adequate</u>
Application Accepted	<u>July 8, 2019</u>	WQM App. No.	<u></u>
Project Description	<u>Treated domestic waste discharge permit renewal</u>		

**Summary of Review**

No violations reported.

The renewal application reports a different mailing address from the site and facility addresses.

Current AMR submitted with renewal application.

The last system pumping was done on April 3, 2019

Treatment is a 500-gpd septic tank-recirculating subsurface sand filter with chlorination and de-chlorination

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		William H. Mentzer, P.E. Environmental Engineering Specialist	July 8, 2019
X		Justin C. Dickey, P.E. Environmental Engineer Manager	

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0005</u>
Latitude NHD	<u>42° 12' 20.48"</u>	Longitude NHD	<u>-79° 52' 53.40"</u>
Latitude DP	<u>42° 12' 20.00"</u>	Longitude DP	<u>79° 52' 54.00"</u>
Quad Name	<u>Harborcreek</u>	Quad Code	<u>0106</u>
Wastewater:	<u>Treated domestic waste from household operations</u>		
Receiving Waters	<u>Unnamed Tributary to Twelvemile Creek</u>	Stream Code	<u>62300</u>
NHD Com ID	<u>123923647</u>	RMI	<u>1.8000</u>
Drainage Area	<u>0.95</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.01</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.01</u>	Q <sub>7-10</sub> Basis	<u>Little Shenango River</u>
Elevation (ft)	<u>740.99</u>	Slope (ft/ft)	<u>0.0102</u>
Watershed No.	<u>15A</u>	Chapter 93 Class.	<u>HQ-CW &amp; MF</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>0.02-mile down stream is the Clark Ellsworth SRTF</u>		
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u></u>	Name	<u></u>
Background/Ambient Data		Data Source	
pH (SU)	<u>8.5</u>	US Dept of Interior	<u></u>
Temperature (°C)	<u>20</u>	CWF default	<u></u>
Hardness (mg/L)	<u></u>		<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>State of New York</u>		
PWS Waters	<u>Lake Erie</u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u>891.63</u>	Distance from Outfall (mi)	<u>10.7</u>

Changes Since Last Permit Issuance: none

Other Comments: none

**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	Instant. Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0	1/month	Grab
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	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: Ou8tfall 001 after disinfection