

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0210820  
APS ID 1002906  
Authorization ID 1290510

**Applicant, Facility and Project Information**

Applicant Name	<u>Cheryl L &amp; Michael P Nass</u>	Facility Name	<u>Cheryl L &amp; Michael P Nass SFTF</u>
Applicant Address	<u>2670 Old State Road</u> <u>Waterford, PA 16441-3928</u>	Facility Address	<u>2670 Old State Road</u> <u>Waterford, PA 16441-3928</u>
Applicant Contact	<u>Michael Nass</u>	Facility Contact	<u>Michael Nass</u>
Applicant Phone	<u>(814) 882-6296</u>	Facility Phone	<u>(814) 796-6778</u>
Client ID	<u>115312</u>	Site ID	<u>487954</u>
SIC Code	<u>8800</u>	Municipality	<u>Waterford Township</u>
SIC Description	<u>Private Households</u>	County	<u>Erie</u>
Date Application Received	<u>September 18, 2019</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>October 11, 2019</u>	WQM App. No.	<u>2593406 issued on May 13, 1993</u>
Project Description	<u>NPDES permit renewal</u>		

**Summary of Review**

This is a NPDES renewal for an existing discharge.

Act 14 – Proof of Notification was submitted and received.

The applicant should be able to meet the limits of this permit, which will protect the uses of the receiving stream.

I. OTHER REQUIREMENTS

- |   |                                 |
|---|---------------------------------|
| A. AMRs                                 | F. Stormwater into Sewers       |
| B. DMRs                                 | G. Right of Way                 |
| C. Depth of Septage and Scum Management | H. Solids Handling              |
| D. Septic Tank Pumping                  | I. Public Sewerage Availability |
| E. Chlorine Optimization                |                                 |

SPECIAL CONDITIONS: None.

Treatment consists of a NSF approved Norweco Singulair aeration unit with a built in up-flow Bio-Kinetic filter unit, chlorine tablet disinfection with a 200 gallon contact tank.

The EPA Waiver is in effect.

A part II Water Quality Management permit is not required at this time.

There are no open violations in WMS for the subject Client ID (115312) as of 10/16/2019.

Approve	Deny	Signatures	Date
		Jonathan F. Bucha / Civil Engineer Trainee	
		Justin C. Dickey, P.E. / Environmental Engineer Manager	

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude	<u>41° 55' 44"</u>	Longitude	<u>-80° 4' 13"</u>
Quad Name	<u>Cambridge Springs NE</u>	Quad Code	<u>0305</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Little Conneauttee Creek (CWF)</u>	Stream Code	<u>53005</u>
NHD Com ID	<u>127344850</u>	RMI	<u>1.66</u>
Drainage Area	<u>0.84</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.0455</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0</u>	Q <sub>7-10</sub> Basis	<u>default</u>
Elevation (ft)	<u>1385.32</u>	Slope (ft/ft)	<u>0.024</u>
Watershed No.	<u>16A</u>	Chapter 93 Class.	<u>Cold Water Fishes</u>
Existing Use	<u>State Wide</u>	Existing Use Qualifier	<u>None</u>
Exceptions to Use	<u>None</u>	Exceptions to Criteria	<u>None</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>Organic Enrichment/Low D.O., SILTATION</u>		
Source(s) of Impairment	<u>GRAZING IN RIPARIAN OR SHORELINE ZONES, GRAZING IN RIPARIAN OR SHORELINE ZONES</u>		
TMDL Status	<u>-</u>	Name	<u>-</u>
Background/Ambient Data		Data Source	
pH (SU)	<u>-</u>		<u>-</u>
Temperature (°F)	<u>-</u>		<u>-</u>
Hardness (mg/L)	<u>-</u>		<u>-</u>
Other:	<u>-</u>		<u>-</u>
Nearest Downstream Public Water Supply Intake	<u>Aqua Pa (Emlenton Water Co)</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>1200</u>
PWS RMI	<u>90.57</u>	Distance from Outfall (mi)	<u>96.48</u>

Changes Since Last Permit Issuance: None

Other Comments: Information on the receiving waters is from the previous permit, there have been no changes that affect this data.

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.

<b>Compliance History</b>	
<b>Summary of DMRs:</b>	DMRs not required. AMRs only. See comments below.
<b>Summary of Inspections:</b>	The last inspection was performed by Mathew Elwell on 8/13/2018. There were no deficiencies recorded.

Other Comments: Based on annual AMR reporting, this applicant has demonstrated the proposed limits can be met.

**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
Total Residual Chlorine (TRC)	XXX	XXX	XXX	Report	XXX	XXX	1/month	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

Compliance Sampling Location: Outfall 001, after disinfection

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for BOD<sub>5</sub>, Total Suspended Solids, and Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7 and the monitoring frequency has been established as "upon request" due to CWF stream designation.