

Application Type New
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0272248
APS ID 992581
Authorization ID 1272213

Applicant, Facility and Project Information

Applicant Name	<u>Tracy Delmonaco</u>	Facility Name	<u>Tracy Delmonaco SRSTP</u>
Applicant Address	<u>3 Maple Avenue</u> <u>Oil City, PA 16301</u>	Facility Address	<u>Rockmere Road</u> <u>Oil City, PA 16301</u>
Applicant Contact	<u>Tracy Delmonaco</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 516-5597</u>	Facility Phone	<u></u>
Client ID	<u>349628</u>	Site ID	<u>833420</u>
Municipality	<u>Cranberry Township</u>	County	<u>Venango</u>
SIC Code	<u>8800</u>	SIC Code	<u>4952</u>
SIC Description	<u>Private Households</u>	SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>
Application Received	<u>April 19, 2019</u>	WQM Required	<u>pending</u>
Application Accepted	<u>May 20, 2019</u>	WQM App. No.	<u>6119401</u>
Project Description	<u>Single Residence Sewage Treatment Plant.</u>		

Summary of Review

No violations are reported.

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	June 25, 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>.0005</u>
Latitude NHD	<u>41° 25' 33.05"</u>	Longitude NHD	<u>-79° 40' 23.96"</u>
Latitude DP	<u>41° 25' 29.74"</u>	Longitude DP	<u>-79° 40' 22.23"</u>
Quad Name	<u>Oil City</u>	Quad Code	<u>0708</u>
Wastewater:	<u>Treated single residence domestic wastes</u>		
Receiving Waters	<u>Allegheny River</u>	Stream Code	<u>42122</u>
NHD Com ID	<u>100476235</u>	RMI	<u>135.23</u>
Drainage Area	<u>4360</u>	Yield (cfs/mi ²)	<u>NA</u>
Q ₇₋₁₀ Flow (cfs)	<u>372</u>	Q ₇₋₁₀ Basis	<u>stream stats</u>
Elevation (ft)	<u>1031.58</u>	Slope (ft/ft)	<u>0.00037</u>
Watershed No.	<u>16E</u>	Chapter 93 Class.	<u>Warm Water Fish</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>The discharge is 0.24 mile above tributary 54710</u>		
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>MercurY</u>		
Source(s) of Impairment	<u>source unknown</u>		
TMDL Status	_____	Name	_____
Background/Ambient Data		Data Source	
pH (SU)	_____		_____
Temperature (°F)	_____		_____
Hardness (mg/L)	_____		_____
Other:	_____		_____
Nearest Downstream Public Water Supply Intake	<u>Emlenton Water Co/Aqua Pa Emlenton, PA</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>1250 cfs</u>
PWS RMI	<u>90.57</u>	Distance from Outfall (mi)	<u>44.66</u>

Changes Since Last Permit Issuance: NA

Other Comments: regulated stream flow at Franklin and Allegheny RMI 123.93 is 1250-cfs. This flow includes French Creek. Stream stats low flow at the discharge is 372-cfs.

Because of the low design flow and proposed small flow advanced treatment effluent requirements no public water supply impairments are expected.

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) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Instant. Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Measured
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0	Upon Request	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	2000	1/year	Grab

Compliance Sampling Location: Outfall 001 after disinfection

Other Comments:

UV disinfection is proposed. UV maintenance is for a monthly inspection and cleaning with annual bulb replacement as specified in the Annual Maintenance Report (AMR).