

Application Type New
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0272299
APS ID 994196
Authorization ID 1274908

Applicant, Facility and Project Information

Applicant Name	<u>Anthony Talarico</u>	Facility Name	<u>Anthony Talarico SRSTP</u>
Applicant Address	<u>5895 Crane Road</u> <u>Edinboro, PA 16412</u>	Facility Address	<u>5895 Crane Road</u> <u>Edinboro, PA 16412</u>
Applicant Contact	<u>Anthony Talarico</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 397-2939</u>	Facility Phone	<u></u>
Client ID	<u>350051</u>	Site ID	<u>835471</u>
Municipality	<u>Franklin Township</u>	County	<u>Erie</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>May 20, 2019</u>	WQM Required	<u>pending</u>
Application Accepted	<u>Jun2 18, 2019</u>	WQM App. No.	<u>2519414</u>
Project Description	<u>Single Residence Sewage Treatment Plant.</u>		



Summary of Review

No violations listed in eFACTS®.

Proposed is a malfunctioning on-lot sewage treatment facility replacement in a warm water fishery. Downstream is trout waters and the agriculture impaired Edinboro Lake.

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
		William H. Mentzer, P.E. Environmental Engineering Specialist	June 19, 2019
		Justin C. Dickey, P.E. Environmental Engineer Manager	

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude NHD	<u>41° 54' 6.25"</u>	Longitude NHD	<u>-80° 9' 22.40"</u>
Latitude DP	<u>41° 54' 6.66"</u>	Longitude DP	<u>-80° 10' 12.31"</u>
Quad Name	<u>Edinboro North</u>	Quad Code	<u>0304</u>
Wastewater:	<u>Treated single residence domestic wastes</u>		
Receiving Waters	<u>Unnamed tributary to Shenango Creek</u>	Stream Code	<u>unknown</u>
NHD Com ID	<u>127347718</u>	RMI	<u>0.8</u>
Drainage Area	<u>0.1</u>	Yield (cfs/mi ²)	<u>0</u>
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Q ₇₋₁₀ Basis	<u>Dry stream</u>
Elevation (ft)	<u>1268.75</u>	Slope (ft/ft)	<u>0.02361</u>
Watershed No.	<u>16A</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>Dry stream discharge to Shenango Creek RMI 0.66, Elev 1217.73-ft and drainage 4.88 sq-mi.</u>		
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	_____		
Source(s) of Impairment	_____		
TMDL Status	_____	Name	_____
Background/Ambient Data	Data Source		
pH (SU)	_____	_____	
Temperature (°F)	_____	_____	
Hardness (mg/L)	_____	_____	
Other:	_____	_____	
Nearest Downstream Public Water Supply Intake	<u>Aqua Pa Emlenton</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>1250</u>
PWS RMI	<u>90.57</u>	Distance from Outfall (mi)	<u>83.94</u>

Changes Since Last Permit Issuance: NA

Other Comments:

The stream flow is the minimum controlled release upstream in Franklin. With the small flow advanced treatment requirements, no public water supply or other downstream 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	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Daily Min	XXX	9.0 Daily Max	XXX	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	1000	1/year	Grab

Compliance Sampling Location: Outfall 001 after disinfection