

Application Type New
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0291510
APS ID 1055810
Authorization ID 1383451

Applicant, Facility and Project Information

Applicant Name	<u>Vincenzo Giannotti</u>	Facility Name	<u>Giannotti Res</u>
Applicant Address	<u>2451 Jefferson Avenue</u> <u>West Lawn, PA 19609-2363</u>	Facility Address	<u>291 Hunters Road</u> <u>Mohnton, PA 19540-8457</u>
Applicant Contact	<u>Vincenzo Giannotti</u>	Facility Contact	<u>Vincenzo Giannotti</u>
Applicant Phone	<u>(610) 507-6567</u>	Facility Phone	<u>(610) 507-6567</u>
Client ID	<u>367932</u>	Site ID	<u>854827</u>
SIC Code	<u>1521</u>	Municipality	<u>Cumru Township</u>
SIC Description	<u>Construction - Single-Family Housing</u> <u>Construction</u>	County	<u>Berks</u>
Date Application Received	<u>January 28, 2022</u>	WQM Required	<u>Pending</u>
Date Application Accepted	<u>February 15, 2022</u>	WQM App. No.	<u>0622401</u>
Project Description	<u>Application for a proposed SRSTP.</u>		

Summary of Review

An NPDES permit application was submitted for a Single-Residence Sewage Treatment Plant (SRSTP) located in Cumru Township, Berks County.

DEP's SOP recommends an average monthly limit of 10 mg/L for both Total Suspended Solids and CBOD₅. Accordingly, new limits of TSS and CBOD₅ will be included in the draft permit to be consistent with DEP's SOP. A year-round fecal coliform limit of 200 cfu/100 mL is recommended and is consistent with DEP's SOP.

303d Listed Streams:

The receiving stream is not listed as impaired.

Anti-Degradation Requirements

The discharge is to non-special protection waters/watershed. No HQ/EV waters are impacted by this discharge. The effluent limits for this discharge have been developed to ensure that existing in-stream water uses and the level of water quality necessary to protect the existing uses are maintained and protected.

Class A Wild Trout Streams

No Class A Wild Trout Fishery is impacted by this discharge.

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*,

Approve	Deny	Signatures	Date
X		Jared Lescavage / Project Manager	February 15, 2022
x		Scott M Arwood Scott M. Arwood, P.E. / Environmental Engineer Manager	2/16/2022

Summary of Review

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.

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude	<u>40° 16' 26.08"</u>	Longitude	<u>-75° 58' 36.40"</u>
Quad Name	<u></u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Angelica Creek</u>	Stream Code	<u>52865</u>
NHD Com ID	<u>25993002</u>	RMI	<u>0.1800</u>
Drainage Area	<u>0.26 mi</u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u>0.195</u>	Q ₇₋₁₀ Basis	<u>StreamStats</u>
Elevation (ft)	<u></u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>3-C</u>	Chapter 93 Class.	<u></u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Not Assessed</u>		
Cause(s) of Impairment	<u>None</u>		
Source(s) of Impairment	<u>N/A</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>Pottstown Boro Water Authority</u>		
PWS Waters	<u>Schuylkill River</u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u>57.39</u>	Distance from Outfall (mi)	<u>22</u>

Changes Since Last Permit Issuance: N/A

Other Comments: N/A

Compliance History	
Summary of DMRs:	N/A
Summary of Inspections:	N/A

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) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Daily Maximum	Maximum	Instant. Maximum		
Flow (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	XXX	5.0 Annl Avg	9.0 Annl Avg	XXX	1/year	Grab
BOD5	XXX	XXX	XXX	10.0 Annl Avg	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 Annl Avg	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001

Other Comments: N/A