

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0272906
APS ID 846145
Authorization ID 1285158

Applicant, Facility and Project Information



Applicant Name	<u>Joseph Albright</u>	Facility Name	<u>Joseph Albright SRSTP</u>
Applicant Address	<u>126 Purvis Road</u> <u>Butler, PA 16001-8332</u>	Facility Address	<u>126 Purvis Road</u> <u>Butler, PA 16001-8332</u>
Applicant Contact	<u>Joseph Albright</u> <u>(724) 822-3094</u>	Facility Contact	<u></u>
Applicant Phone	<u>email: albrightdenise@zoominternet.net</u>	Facility Phone	<u></u>
Client ID	<u>313204</u>	Site ID	<u>780683</u>
Municipality	<u>Franklin Township</u>	County	<u>Butler</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>August 15, 2019</u>	WQM Required	<u>Yes, Present permit should be adequate</u>
Application Accepted	<u>September 9, 2019</u>	WQM App. No.	<u>1014402</u>
Project Description	<u>NPDES permit renewal</u>		

Summary of Review

Planning (N6-13-072, dated 25 April 2014) approval is for a two three-bedroom homes at 700-gpd. Expected permit coverage was through general permits. Prior to construction the general permits were rescinded and individual permits issued. Conversion to individual permit reduced the design flow to 600-gpd through the WQM permit application and NSF treatment facility review.

Treatment is: NORWECO Singlair Green 960-500 aerobic unit with chlorination and NORWECO Kinetic Bio Film Reactor

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 William H. Mentzer, P.E. Environmental Engineering Specialist	September 9, 2019
		Justin C. Dickey Justin C. Dickey, P.E. Environmental Engineer Manager	July 7, 2020

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0006</u>
Latitude NHD	<u>40° 53' 20.84"</u>	Longitude NHD	<u>-79° 58' 33.48"</u>
Latitude DP	<u>40° 53' 25.67"</u>	Longitude DP	<u>-79° 58' 26.63"</u>
Quad Name	<u>Mount Chestnut</u>	Quad Code	<u>1106</u>
Wastewater:	<u>Treated domestic wastewaters</u>		
Receiving Waters	<u>Unnamed Tributary to Little Connoquenessing</u>	Code	<u>unknown</u>
NHD Com ID	<u>1288.65</u>	RMI	<u>0.05</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>1267.09</u>	Slope (ft/ft)	<u>0.02686</u>
Watershed No.	<u>20C</u>	Chapter 93 Class.	<u>Cold 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>A dry stream discharge via road drainage and a drainage swale to intermittent stream 35000. Perennial stream conditions assumed downstream 0.22-miles at a pond inlet. At the pond inlet the basin elevation is 1257.86-feet and drainage is 0.29-square miles.</u>		
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u>Final</u>	Name	<u>Little Connoquenessing Creek Watershed</u>
Background/Ambient Data		Data Source	
pH (SU)	<u></u>		<u></u>
Temperature (°C)	<u>20</u>		<u>CWF default</u>
Hardness (mg/L)	<u>100</u>		<u>default</u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>Harmony Borough Water Authority</u>		
PWS Waters	<u>Little Connoquenessing Creek</u>	Flow at Intake (cfs)	<u>5.22</u>
PWS RMI	<u>1.27</u>	Distance from Outfall (mi)	<u>33.97</u>

Changes Since Last Permit Issuance: none

Other Comments: no downstream water use 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 Inst Min	XXX	XXX	9.0	1/year	Grab
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