

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0266132
APS ID 886676
Authorization ID 1316342

Applicant, Facility and Project Information

Applicant Name	<u>Jay A. Yankowski & Zak Yankowski</u>	Facility Name	<u>Yankowski Residence</u>
Applicant Address	<u>1563 County Line Road</u> <u>Gilbertsville, PA 19525-8615</u>	Facility Address	<u>1563 County Line Road</u> <u>Gilbertsville, PA 19525-8615</u>
Applicant Contact	<u>Jay A. Yankowski</u>	Facility Contact	<u>Jay A. & Zak Yankowski</u>
Applicant Phone	<u>(484) 571-2858</u>	Facility Phone	<u>(484) 571-2858</u>
Client ID	<u>324542</u>	Site ID	<u>800899</u>
SIC Code	<u>8811</u>	Municipality	<u>Washington Township</u>
SIC Description	<u>Services - Private Households</u>	County	<u>Berks</u>
Date Application Received	<u>May 5, 2020</u>	WQM Required	<u>Already issued: 0615404</u>
Date Application Accepted	<u>June 16, 2021</u>	WQM App. No.	<u>Not Applicable, no application</u>
Project Description	<u>.renewal of existing single residence sewage treatment plant (SRSTP)</u>		

Summary of Review

The previous permit was issued October 21, 2015, transferred to new owners on January 27, 2016, and **expired on October 31, 2020**. A renewal application was received May 5, 2020 but it was administratively incomplete. The missing information was received on June 16, 2021.

The most up-to-date Existing Use and Stream Redesignation Lists, posted on DEP's website, were reviewed as well as DEP's eMapPA online tool. Middle Creek (or the downstream Swamp Creek) is not designated as High Quality or Exceptional Value nor is it being considered for those classifications. It is designated as Trout Stock Fishing. There is no Total Maximum Daily Load (TMDL) applicable to the receiving waterway, nor is it designated Class A Wild Trout.

According to the original Fact Sheet, 2015:

The discharge is to an Unnamed Tributary (UNT) to Middle Creek, an intermittent stream that does not appear on eMapPA or PA Stream Stats maps. The point of discharge is approximately 0.05 miles before the confluence with Middle Creek. A DEP biologist performed a Point of First Use (POFU) study on April 30, 2015, where he determined the POFU to be the same UNT to Middle Creek just slightly below the discharge point. A DEP hydrogeologist reviewed the facility location for any potential impact to drinking wells. Sewage planning approval was obtained May 5, 2015: A3-06971-137-3s.

Pumping records were forwarded to DEP with the application and with the most recent AMR. The application indicated some sampling results over the permit limits but the most recent sample results, collected February 10, 2021 and forwarded to a DEP Inspector, were under the permit limits. Completed AMRs for the facility have been collected and accepted by DEP Inspector.

Approve	Deny	Signatures	Date
x		<i>Bonnie J. Boylan</i> Bonnie J. Boylan / Environmental Engineering Specialist	June 17, 2021
x		<i>Maria D. Bebenek for Daniel W. Martin</i> Daniel W. Martin, P.E. / Environmental Engineer Manager	June 21, 2021

Summary of Review

The permit limits, sampling frequency, and sample types are consistent with DEP's Standard Operating Procedure for New and Reissuance Small Flow Treatment Facility Individual NPDES Permit Applications, dated May 17, 2019. Resulting changes from the previous permit are as follows:

- the removal of limits and monitoring requirement for pH (note: permittee had been meeting limits);
- 'Annual Average' instead of 'Monthly Average' because samples are not collected on monthly basis;
- 'Annual Average' instead of 'Geometric Mean' for Fecal Coliform (since samples are only collected once per year);
- No./100 mL as Fecal Coliform units.

There are no Total Residual Chlorine limits because the treatment system includes UV disinfection.

Mr. Jay Yankowski gave his permission over the phone on June 15, 2021 that the draft and final permits could be sent to him electronically.

Compliance History

The most recent Administrative File Review was conducted March 10, 2021, with no violations.

The most recent DEP inspection was conducted August 5, 2019. There was a violation issued but it was resolved April 6, 2021.

Outstanding Violations

There are no outstanding violations for the site according to DEP's eFacts database.

Delaware River Basin Commission (DRBC)

Because the discharge occurs within the Delaware River water basin, the draft permit and fact sheet will be shared with the DRBC in accordance with State regulations and an interagency agreement.

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.

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>40° 21' 36.7"</u>	Longitude	<u>75° 36' 25.9"</u>
Quad Name	<u>Sassamansville</u>	Quad Code	<u>1641</u>
Wastewater Description: <u>Treated sewage from single family residence</u>			
Receiving Waters	<u>UNT to Middle Creek</u>	Stream Code	<u>UNT to 01334</u>
NHD Com ID	<u>25994070</u>	RMI	<u>Approx.. 0.05</u>
Drainage Area	<u>0.04 sq.mi. per biologist POFU</u>	Yield (cfs/mi ²)	<u>0</u>
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Q ₇₋₁₀ Basis	<u>Biologist observation/maps</u>
Elevation (ft)	<u>440 estd.</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>3-E</u>	Chapter 93 Class.	<u>TSF, MF</u>
Existing Use	<u>-</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>
Assessment Status	<u>Impaired for Recreation Use – assessment added to DEP database in Oct 2015</u>		
Cause(s) of Impairment	<u>pathogens</u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u>None</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></u>			
PWS Waters	<u></u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u></u>	Distance from Outfall (mi)	<u></u>

Secondary Receiving Waters:

Middle Creek (01334) at approx. RMI of 4, with a designated use of TSF; which then flows into Swamp Creek (1309) at approx.. RMI of 9.6, designated use of TSF; flows into Perkiomen Creek.

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 as needed and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are generally 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
	Annual Average	Daily Maximum	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/year	Grab

Compliance Sampling Location: at discharge from the treatment system