

Application Type DEP-Initiated Major Amendment
 Facility Type Municipal
 Major / Minor Major

**NPDES PERMIT FACT SHEET
INDIVIDUAL SEWAGE**

Application No. PA0020460 A-1
 APS ID 1077701
 Authorization ID 1421073

Applicant and Facility Information


Applicant Name	<u>Pennridge Wastewater Treatment Authority</u>	Facility Name	<u>Pennridge WWTP</u>
Applicant Address	<u>180 Maple Avenue</u> <u>Sellersville, PA 18960-0031</u>	Facility Address	<u>180 Maple Avenue</u> <u>Sellersville, PA 18960-0031</u>
Applicant Contact	<u>Kevin Franks</u>	Facility Contact	<u>Kevin Franks</u>
Applicant Phone	<u>(215) 257-6355</u>	Facility Phone	<u>(215) 257-6355</u>
Client ID	<u>74734</u>	Site ID	<u>449655</u>
Ch 94 Load Status	<u>Not Overloaded</u>	Municipality	<u>West Rockhill Township</u>
Connection Status	<u>No Limitations</u>	County	<u>Bucks</u>
Date Application Received	<u>December 19, 2022</u>	EPA Waived?	<u>No</u>
Date Application Accepted	<u>December 21, 2022</u>	If No, Reason	<u>Major Sewage</u>
Purpose of Application	<u>DEP Initiated Major Amendment for Organic Rerate.</u>		

Summary of Review

The PA Department of Environmental Protection initiated a Major Amendment of the NPDES permit for Pennridge Wastewater Treatment Authority's (PWTA's) Pennridge WWTP (facility) to incorporate an organic rerate of the facility that was authorized under a WQM permit amendment, 0900421 A-2, on December 19, 2022. The NPDES permit amendment will reflect the change of organic loading from 6,670 lbs. BOD5/day to 9,018 lbs. BOD5/day. This is a paper rerate without the need of any construction within the facility. Details of the organic rerate can be found in the Internal Review and Recommendation document that was prepared for WQM permit amendment. The Average Annual Design Flow of 4.325 MGD and Hydraulic Design Capacity of 5.41 MGD will remain the same. No change in waste stream or effluent limitation is proposed or authorized through this amendment. No other changes in the terms and conditions of the current NPDES permit is also proposed or authorized.

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
√		Reza H. Chowdhury, E.I.T. / Project Manager 	December 21, 2022
X		Pravin Patel Pravin C. Patel, P.E. / Environmental Engineer Manager	12/22/2022

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	Weekly Average	Daily Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	Continuous	Recorded
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/day	Grab
DO	XXX	XXX	5.0 Inst Min	XXX	XXX	XXX	1/day	Grab
CBOD5 Nov 1 - Apr 30	900	1440	XXX	25	40 Wkly Avg	50	2/week	24-Hr Composite
CBOD5 Raw Sewage Influent	Report	XXX	XXX	Report	XXX	XXX	2/week	24-Hr Composite
CBOD5 May 1 - Oct 31	541	830	XXX	15	23 Wkly Avg	30	2/week	24-Hr Composite
BOD5 Raw Sewage Influent	Report	XXX	XXX	Report	XXX	XXX	2/week	24-Hr Composite
TSS Raw Sewage Influent	Report	XXX	XXX	Report	XXX	XXX	2/week	24-Hr Composite
TSS	721	1082	XXX	20	30 Wkly Avg	40	2/week	24-Hr Composite
Total Dissolved Solids	XXX	XXX	XXX	Report Avg Qrtly	XXX	XXX	1/quarter	24-Hr Composite
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	2/week	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200.0 Geo Mean	XXX	1000	2/week	Grab
UV Transmittance (%)	XXX	XXX	Report	XXX	XXX	XXX	1/day	Recorded
Total Nitrogen	Report	XXX	XXX	Report	XXX	XXX	1/month	24-Hr Composite

Outfall 001 , Continued (from 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	Weekly Average	Daily Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
Ammonia Nov 1 - Apr 30	325	XXX	XXX	9.0	XXX	18	2/week	24-Hr Composite
Ammonia May 1 - Oct 31	108	XXX	XXX	3.0	XXX	6	2/week	24-Hr Composite
Total Phosphorus Nov 1 - Apr 30	72	XXX	XXX	2.0	XXX	4	2/week	24-Hr Composite
Total Phosphorus May 1 - Oct 31	54	XXX	XXX	1.5	XXX	3	2/week	24-Hr Composite
Total Copper	XXX	XXX	XXX	Report Avg Qrtly	XXX	XXX	1/quarter	24-Hr Composite
Free Cyanide	XXX	XXX	XXX	Report Avg Qrtly	XXX	XXX	1/quarter	24-Hr Composite
Total Zinc	XXX	XXX	XXX	Report Avg Qrtly	XXX	XXX	1/quarter	24-Hr Composite
Chronic WET - Ceriodaphnia Survival (TUc)	XXX	XXX	XXX	XXX	2.56	XXX	See Permit	24-Hr Composite
Chronic WET - Ceriodaphnia Reproduction (TUc)	XXX	XXX	XXX	XXX	2.56	XXX	See Permit	24-Hr Composite
Chronic WET - Pimephales Survival (TUc)	XXX	XXX	XXX	XXX	2.56	XXX	See Permit	24-Hr Composite
Chronic WET - Pimephales Growth (TUc)	XXX	XXX	XXX	XXX	2.56	XXX	See Permit	24-Hr Composite

Compliance Sampling Location: At Outfall 001

Other Comments:

Proposed Effluent Limitations and Monitoring Requirements

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Outfall 002, 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		
pH (S.U.)	XXX	XXX	XXX	Report	XXX	XXX	Upon Request	Grab
CBOD5	XXX	XXX	XXX	Report	XXX	XXX	Upon Request	Grab
COD	XXX	XXX	XXX	Report	XXX	XXX	Upon Request	Grab
TSS	XXX	XXX	XXX	Report	XXX	XXX	Upon Request	Grab
Oil and Grease	XXX	XXX	XXX	Report	XXX	XXX	Upon Request	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	Report	XXX	XXX	Upon Request	Grab
TKN	XXX	XXX	XXX	Report	XXX	XXX	Upon Request	Grab
Total Phosphorus	XXX	XXX	XXX	Report	XXX	XXX	Upon Request	Grab
Dissolved Iron	XXX	XXX	XXX	Report	XXX	XXX	Upon Request	Grab

Compliance Sampling Location: At Outfall 002

Other Comments: