

Application Type Amendment, Major
 Facility Type Municipal
 Major / Minor Minor

**NPDES PERMIT FACT SHEET
INDIVIDUAL SEWAGE**

Application No. PA0047228 A-2
 APS ID 1112408
 Authorization ID 1482090

Applicant and Facility Information

Applicant Name	<u>Pennsbury Village Borough</u>	Facility Name	<u>Pennsbury Village STP</u>
Applicant Address	<u>1043 Pennsbury Boulevard</u> <u>Pittsburgh, PA 15205-1643</u>	Facility Address	<u>Sewage Treatment Plant Road</u> <u>Pittsburgh, PA 15205-1643</u>
Applicant Contact	<u>Bob Wable</u>	Facility Contact	<u>Clinton Reilly</u>
Applicant Phone	<u>(412) 279-7876</u>	Facility Phone	<u>412-262-3970</u>
Client ID	<u>82881</u>	Site ID	<u>253318</u>
Ch 94 Load Status	<u>Not Overloaded</u>	Municipality	<u>Pennsbury Village Borough</u>
Connection Status	<u>No Limitations</u>	County	<u>Allegheny</u>
Date Application Received	<u>April 22, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Application for amendment to an existing NPDES permit</u>		

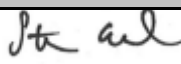

Summary of Review

The permittee has applied for a major amendment to NPDES Permit No. PA0047228. PA0047228 was issued by the Pennsylvania Department of Environmental Protection (DEP) on March 16, 2022. The Department initiated an amendment to correct an error with the ammonia-nitrogen limit, issuing the amended permit on December 16, 2022.

The permittee's compliance with Act 14 Notifications is documented by letters dated April 12, 2021 and sent to Pennsbury Village Borough and Allegheny County.

In a letter dated January 23, 2024, Pennsbury Village Borough submitted a letter requesting a compliance report extension. Additional time was requested because project funding had not yet been secured. The department was willing to approving the extension but required the Borough to address several non-compliance issues. Once the non-compliance issues were resolved, a major permit amendment was received on April 22, 2024.

The purpose of this amendment is to grant the compliance period extension in parts A.I.A. and C.II.A of the permit to accommodate a final compliance date of March 1, 2027. The interim compliance steps included in Part C.II.A are shown below. The interim compliance deadlines were largely based on a requested schedule provided in Appendix A with the exception of Act 537 Special Study interim deadline. For Act 537 Special Study, the requested schedule documented a completion date of February 26, 2026 if necessary. Pennsbury Village Borough was informed in an email dated March 12, 2024 that an Act 537 Special Study will be required. In order to provide ample time for DEP to review the special study, it will be due December 31, 2024.

Approve	Deny	Signatures	Date
X		 Stephanie Conrad / Environmental Engineering Specialist	April 30, 2024
X		 Mahbuba Iasmin, Ph.D., P.E. / Environmental Engineering Manager	May 9, 2024

Summary of Review

SCHEDULE OF COMPLIANCE

A. The permittee shall achieve compliance with final effluent limitations or terminate this discharge in accordance with the following schedule:

1. Feasibility study completion	<u>January 31, 2023 - Complete</u>
2. Final plan completion	<u>April 30, 2023 - Complete</u>
3. Submit Act 537 Plan Special Study	<u>December 31, 2024</u>
4. Start construction	<u>July 1, 2026</u>
5. Construction progress report(s)	<u>June 30, 2024; December 31, 2024, June 30, 2025; December 31, 2025, June 30, 2026; and December 31, 2026</u>
6. End construction	<u>December 31, 2026</u>
7. Compliance with effluent limitations	<u>March 1, 2027</u>

The permit expires March 31, 2027 and a renewal application is due October 2, 2026.

There are currently no open violations for Pennsbury Village Borough (Client ID 82881).

Draft permit issuance is recommended.

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.

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” (386-0400-001), SOPs and/or BPJ.

Outfall 001, Effective Period: March 1, 2027 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	Average Monthly	Maximum	Instant. Maximum		
DO	XXX	XXX	5.0 Inst Min	XXX	XXX	XXX	1/day	Grab
TRC	XXX	XXX	XXX	0.02	XXX	0.07	1/day	Grab

Compliance Sampling Location: Outfall 001

Other Comments: None

Proposed Effluent Limitations and Monitoring Requirements

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Outfall 001, Effective Period: Permit Effective Date through February 28, 2027.

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	Average Monthly	Maximum	Instant. Maximum		
DO	XXX	XXX	4.0 Inst Min	XXX	XXX	XXX	1/day	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.6	1/day	Grab

Compliance Sampling Location: Outfall 001

Other Comments: None

Proposed Effluent Limitations and Monitoring Requirements

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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	Minimum	Average Monthly	Weekly Average	Instant. Maximum		
Flow (MGD)	0.170	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
CBOD5	35.5	53.2	XXX	25	37.5	50	1/week	8-Hr Composite
BOD5 Raw Sewage Influent	Report	Report Daily Max	XXX	Report	XXX	XXX	1/week	8-Hr Composite
TSS Raw Sewage Influent	Report	Report Daily Max	XXX	Report	XXX	XXX	1/week	8-Hr Composite
TSS	42.6	63.8	XXX	30	45	60	1/week	8-Hr Composite
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	1/week	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/week	Grab
E. Coli (No./100 ml)	XXX	XXX	XXX	XXX	XXX	Report	1/quarter	Grab
Total Nitrogen	XXX	XXX	XXX	Report Daily Max	XXX	XXX	1/year	8-Hr Composite
Ammonia Nov 1 - Apr 30	XXX	XXX	XXX	5.5	11.0 Daily Max	XXX	1/week	8-Hr Composite
Ammonia May 1 - Oct 31	XXX	XXX	XXX	2.3	4.6 Daily Max	XXX	1/week	8-Hr Composite
Total Phosphorus	XXX	XXX	XXX	Report Daily Max	XXX	XXX	1/year	8-Hr Composite

**NPDES Permit Fact Sheet
Pennsbury Village**

NPDES Permit No. PA0047228 A-1

Compliance Sampling Location: Outfall 001

Other Comments: None

ATTACHMENT A

Requested Compliance Period

PROPOSED SCHEDULE

The following schedule shows previous efforts to meet the current deadline and the anticipated schedule needed in order to complete the project by the new requested February 1, 2027 deadline:

October 2022 – May 2023 – Design and Permitting

December 2022 – Applied for PA Small Water and Sewer Grant

July 2023 – PADEP Water Quality Management (WQM) Permit received

December 2023 – PA Small Water and Sewer Grant not received

February 2024 – PennVest Pre-Application Meeting

April 2024 – Request for Time Extension (NPDES Permit Modification)

May 2024 – December 2025 – Investigate and pursue additional sources of grant money

December 2025 – February 2026 – Prepare and submit an Act 537 Plan Special Study (if necessary)

January 2026 – March 2026 – Apply for PennVest Funding (if necessary), Finalize Bidding Documents

April 2026 – May 2026 – Public Bidding and Award

June 2026 – December 2026 – Construction

January 2027 – Post-Construction Start Up and Verification of Systems